REMEDIAL INVESTIGATION REPORT

for

525 WEST 52nd STREET
New York, New York

Tax Map Block 1081, Lot 7501

Prepared For:

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For Submittal To:

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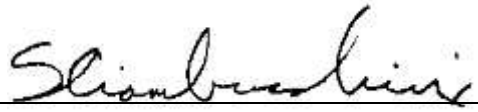

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16 December 2014
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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC BCP	New York City Brownfield Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Steven Ciambruschini, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation (RI) for the proposed 525 West 52nd Street Redevelopment Site. I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Steven Ciambruschini	16 December 2014	
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 525 West 52nd Street in the Clinton/Hell's Kitchen district of Manhattan, New York and is identified as Block 1081 and Lot 7501 and a portion of Lot 1 on the New York City Tax Map. Figure 1 shows the Site location. The Site is ±36,560-square feet and is occupied on Lot 7501 by a three- to seven-story commercial/office building with a single basement and a loading dock area on the eastern side. The building is four-stories on the northern portion, seven-stories on the southern portion, and three-stories on the eastern portion. The portion of Lot 1 is immediately adjacent to the west of Lot 7501 and is part of the redevelopment site that is currently an at grade parking area operated by U-Haul.

The Site is bound to the north by West 53rd Street followed by a 30-story mixed use residential and commercial building located at 758 11th Avenue and a multi-story AT&T building located at 501-517 West 53rd Street, to the east by a 25-story mixed use residential and commercial building located at 500 West 53rd Street, to the south by West 52nd Street followed by an 8-story residential building located at 535 West 51st Street, and to the west by a one-story commercial building that is operated as a automobile body shop. This lot will also be developed by the Clinton Housing Development Corporation (CHDC) during the construction of the proposed redevelopment of this Site. The layout of the Site is shown on Figure 2.

Summary of Proposed Redevelopment Plan

The proposed development includes a high-rise residential building with a single-cellar level occupying the entire site footprint with exception of a portion on the northeast corner of the building where there is an existing Amtrak easement. The single-cellar level will extend to approximately 16- to 18-feet below the existing sidewalk grade. The proposed use of the cellar is retail, parking, and mechanical / utility rooms. The first floor will consist of retail, bicycle storage, a residential lobby with lounge areas and a courtyard, and mercantile space (to be built out by future tenants). Based on the results of this RI and previous environmental investigations, with the exception of water perched on bedrock which was encountered one- to four-feet below the current basement level of the building on Lot 7501, groundwater is not

likely to be encountered as part of the site redevelopment. Schematic drawings of the proposed redevelopment are provided in Appendix A.

The property is currently zoned as a residential district (R9) with a commercial overlay (C2-5) on Lot 7501 and as a residential district (R8A/R9) with a commercial overlay (C2-5) on the portion of Lot 1 that is part of the Site according the New York City Department of City Planning zoning map dated 26 June 2014. According to the New York City Department of Building the subject property is located in the Special Clinton Zoning District.

According to the description provided by New York City Department of City Planning this zoning is intended to preserve and strengthen the residential character of a community bordering Midtown, maintain a broad mix of incomes and ensure that the community is not adversely affected by new development. The proposed renovation is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Sanborn Fire Insurance Maps identified that between 1892 and 1950 Lot 7501 was occupied by one- to five-story residential and commercial buildings. In 1951 the current building is shown. A basement labeled as loading flats, two elevators and a gasoline tank are shown. Printing operations are identified on the first floor and offices on the second floor. There are no changes shown until 1987 when the building is identified as United Envelope Company, Inc. and is labeled for manufacturing. There are no changes shown between 1987 and 2005.

Sanborn Fire Insurance Maps for the portion of Lot 1 included in the redevelopment (530-536 West 53rd Street) revealed that the site was occupied by five-story residential buildings between 1892 and 1907. In 1951 the site was vacant except for a small one-story office building in the northwestern corner. In 1979 the site was identified as a parking lot. No changes are shown between 1979 and 2005.

Historic generator information for the site includes forms received by the USEPA classifying the site as a large quantity generator (LQG), small quantity generator (SQG), and as a conditionally-exempt small quantity generator (CESQG) for the disposal of non-listed ignitable waste between 1999 and 2008 under the name Tana Seybert. Written informal violations were issued to the facility on 28 June 2004 during a compliance evaluation inspection and compliance was achieved on 8 August 2004. The subject property is identified in the RCRA NonGen database for forms received by the USEPA classifying the site as a non-generator in 2007 under the name Astrid Offset Corp. Historic generator information includes forms received on 1 January 2007 and 1 January 2006 classifying the site as a non-generator and on 16 January 1996 classifying the site as a small quantity generator. No violations are reported for the facility.

The subject property is also identified in the NY AST and NY HIST AST databases for a 7,000-gallon aboveground storage tank (AST) containing fuel oil that is listed as being in service. The AST was observed during Langan's Phase I site reconnaissance and minor staining was noted on the tank and concrete floor of the vault. The Areas of Concern and Recognized Environmental Conditions (AOCs/RECs) identified for this site include:

Historic Use of the Subject Property: The subject property is identified on USEPA RCRA databases as a generator of non-listed ignitable hazardous waste based on forms received by the USEPA in 1996, 1999, 2001, 2002, and 2004 through 2008. The site has been documented for the disposal of non-listed ignitable hazardous waste in 2009 and the disposal of non-listed ignitable hazardous waste, non-listed corrosive hazardous waste, and silver-impacted hazardous waste between 1996 and 2000. Additionally, historic operations at the subject property as identified by the City Directory include lithography, printing, and a photography laboratory from 1920 through 1998. The Sanborn Fire Insurance Maps show printer operations at the subject property from 1951 through 1985 followed by envelope manufacturing from 1987 through 2005. Sampling was conducted as part of this investigation to assess the potential that hazardous materials associated with the printing, lithographic, and other previous manufacturing operations have impacted subsurface soil and groundwater conditions at the site.

Underground Gasoline Storage Tanks: A gasoline UST is identified on Sanborn Fire Insurance Maps at the southern end of the building from 1951 through 2005. A magnetic anomaly was identified at the southern end of the building during a subsurface investigation completed at the subject property in 2010. Analytical results of the subsurface investigation subsequently completed in the area of the UST revealed no volatile organic compounds (VOCs) above applicable criteria in soil or groundwater in the vicinity of the UST. Based on these findings a release from the UST has not been identified; however, removal of any USTs or associated piping will be required in conjunction with any future site redevelopment.

On-site Historic Fill: Laboratory analytical results of the shallow subsurface fill material collected during previous environmental investigations at the site identified impacts from poly-aromatic hydrocarbons (PAHs) and metals. The presence of impacted fill, which is anticipated to be encountered between the existing basement slab and underlying bedrock, will require implementation of soil handling and management procedures during site redevelopment to address excavation, re-use, handling, and possible offsite disposal of this material.

Summary Previous Investigation Activities

1. A Phase II Subsurface Investigation was completed by General Consolidated Industries, Inc. on 23 May 2006 which included a series of dye tests to identify discharge points for slop sinks, bathrooms, sump pits, floor and trench drains, and printer drainage, and completion of a geophysical investigation to identify possible underground storage tanks (USTs) at the site; no borings or wells were installed as part of this investigation. The results of the dye testing confirmed that five slop sinks, the bathrooms, three printer drainage points, and three of the sump pits are connected to the New York City sewer system and that no further work was required to confirm they were connected to the sewer system. The connection of six of the drainage points could not be confirmed due to the structures being clogged. Two floor drains were reported to be connected to a buried leaching "drywell", although the location of the drywell was not identified. GCI recommended that the clogged structures be pumped out, cleared of debris, and power jetted to clear the structures and the piping. The results of GCI's geophysical investigation and site inspection did not identify any magnetic anomalies that would be indicative of an underground storage tank (UST) or evidence of storage tanks (i.e., patched areas, fill ports, vent lines, manways).

2. A Limited Due Diligence Investigation was completed on 18 November 2010 by Fleming, Lee, Shue, Inc. (FLS) that consisted of:

    a. An additional geophysical survey to determine the presence of USTs as noted on the Sanborn Maps;

    b. Completion of nine soil borings and collection of nine soil samples in the area of the suspected USTs, the floor drains, the boiler room, and an area of stained soil observed in the basement

    c. Completion and sampling of two temporary groundwater monitoring wells in two of the soil boring locations.

    FLS concluded that:

    a. No impacts pertaining to the abandoned UST system were detected in soil or groundwater samples.

    b. No impacts related to discharges to the floor drains were detected in soil or groundwater; the metal concentrations in soils from this area appear to be related to the presence of historic fill on the site.

c. No impacts associated with the floor staining in the southeast corner of the sub-cellar were detected. The semi-volatile organic compounds (SVOCs) detected at this location are likely attributable to the historic fill throughout the site.

d. Slightly elevated concentrations of SVOCs found in the groundwater sample collected from the boiler are most likely related to the presence of the nearby aboveground fuel oil tank.

Analytical results of the 2010 FLS Limited Due Diligence Investigation are discussed below in the Summary of Environmental Findings.

Summary of the Work Performed under the Remedial Investigations

1. Langan completed a Phase II Site Investigation Work Plan on behalf of 525 West 52nd Street Development, LLC on 6 September 2013. Additionally, Langan completed a Phase II Site Investigation Work Plan on behalf of the Clinton Housing Development Company in September 2014. A portion of the investigation that was completed as part of this later work plan was completed on the Site. The following scope of work was completed during the Remedial Investigations:

    a. Conducted a Site inspection to identify AOCs and physical obstructions (i.e., structures, buildings, etc.):

    b. Installed ten soil borings across the entire project Site, and collected 13 soil samples for chemical analysis from the soil borings to evaluate soil quality;

    c. Installed and sampled two temporary groundwater monitoring wells at two of the proposed monitoring well locations. The temporary wells were used to allow for collection of two groundwater samples for chemical analysis to evaluate groundwater quality; and

    d. Installed and sampled seven sub-slab and or shallow sub-surface soil vapor probes throughout the Site.

Summary of Environmental Findings

1. Elevation of the property ranges from 29- to 31-feet above mean sea level (amsl).

2. Groundwater was only encountered in a limited number of borings within the footprint of the existing building; however, where encountered depth to water was approximately 1-foot below the basement slab of the building at Lot 7501. Groundwater was not

encountered in any of the borings completed in the adjacent portion of Lot 1 that is included in this site.

3. Regional groundwater flow is expected to be to the west toward the Hudson River.

4. Depth to weathered bedrock is approximately 1- to 3.5-feet below the basement slab at Lot 7501 and approximately 9-feet below ground surface at the portion of Lot 1 that is included as part of this Site.

5. The stratigraphy of the site beneath the basement slab at Lot 7501 consists of a 1- to 3.5-foot thick layer of historic fill underlain by weathered bedrock. The stratigraphy of the site beneath ground surface at the portion of Lot 1 that is included as part of this Site consists of approximately 8-feet of historic fill underlain by weathered bedrock.

6. Soil/fill samples collected during the 2010 FLS Limited Due Diligence Investigation and 2014 Langan Remedial Investigations were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Table 375-6.8 Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs). Soil/fill samples collected during the 2010 FLS Limited Due Diligence Investigation showed no volatile organic compounds (VOCs) at concentrations greater than their respective Unrestricted Use SCOs. The metals chromium (33.9 mg/kg), lead (maximum [max] 473 mg/kg), and mercury (max 0.42 mg/kg) were detected at concentrations above their respective Unrestricted Use SCOs from 2- to 3.5-feet below the basement slab (lead also exceeded its Restricted Residential Use SCO in one sample). Exceedances of the NYSDEC Unrestricted Use SCOs were also detected from 2- to 3-feet below the basement slab for semi-volatile organic compounds (SVOCs) including benzo(k)fluoranthene (0.814 mg/kg), chrysene (1.62 mg/kg), benzo(a)anthracene (1.57 mg/kg), benzo(b)fluoranthene (max 1.66 mg/kg), dibenzo(a,h)anthracene (1.62 mg/kg), indeno(1,2,3-cd)pyrene (0.79 mg/kg), and benzo(a)pyrene (max 1.33 mg/kg). Of these, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were also detected at concentrations above their respective Restricted Residential Use SCOs.

   Exceedances of SCOs were detected in all samples collected during the 2014 Remedial Investigation (RI) within the historic fill material from 0- to 3-feet below the basement slab at Lot 7501 with the exception of LSB-3. The volatile organic compound (VOC) acetone (0.057 mg/kg) was detected at a concentration above its Unrestricted Use SCO in one soil sample. SVOCs including acenaphthene (max 44.7 mg/kg), benzo(a)anthracene (max 87.3 mg/kg),, benzo(a)pyrene (max 83.9 mg/kg), benzo(b)fluoranthene (max 62.5 mg/kg), benzo(k)fluoranthene (max 70.4 mg/kg),

chrysene (max 84.8 mg/kg), dibenzo(a,h)anthracene (max 9.9 mg/kg), dibenzofuran (max 27.1 mg/kg), fluoranthene (max 223 mg/kg), indeno(1,2,3-cd)pyrene (max 18.9 mg/kg), naphthalene (max 45.6 mg/kg), phenanthrene (max 245 mg/kg), and pyrene (max 205 mg/kg) exceeded their respective Restricted Residential Use SCOs in several samples. With the exception of acenaphthene and naphthalene, all of these SVOCs also exceeded their respective Restricted Residential Use SCOs. All of these maximum values were detected in the shallow sample collected at LSB-2. Pesticides including 4,4'-DDE (max 0.0213 mg/Kg) and 4,4'-DDT (max 0.0081 mg/Kg) exceeded Unrestricted Use SCOs in one sample. The PCB aroclor 1260 (max 2.54 mg/kg) was detected above its Unrestricted Use SCO in three samples and above its Restricted Residential Use SCO in two samples. Metals including barium (max 8,630 mg/kg), copper (max 65.4 mg/kg), lead (max 4,830 mg/kg), mercury (max 0.292 mg/kg), nickel (41.5 mg/kg) and the total chromium (max 61.2 mg/kg) exceeded Unrestricted Residential SCOs in several samples. Of these, barium, lead, and chromium also exceeded their respective Restricted Residential Use SCOs.

7. Groundwater samples collected during the 2010 FLS Limited Due Diligence Investigation and 2014 Langan RI were compared to the NYSDEC Part 703 Groundwater Quality Standards (GQS) for Class GA (drinking water). Analytical results from the 2010 FLS Limited Due Diligence Investigation did not reveal the presence of VOCs above the NYSDEC GQS in either sample collected from the temporary well points. Several exceedances of the GQS for SVOCs were identified in the groundwater sample collected from the boiler room area including benzo(a)anthracene (5.1 micrograms per liter [µg/L]), benzo(b)fluoranthene (4.6 µg/L), benzo(k)fluoranthene (3.5 µg/L), chrysene (5.7 µg/L), indeno(1,2,3-cd)pyrene (3.9 µg/L), and naphthalene (95 µg/L). Low level exceedances were also identified in the groundwater sample collected from the stained soil area including benzo(a)anthracene (max 0.76 µg/L), benzo(b)fluoranthene (0.8 µg/L), chrysene (0.89 µg/L), and indeno(1,2,3-cd)pyrene (0.41 µg/L). Analytical results from the 2013 RI revealed no exceedances of the NYSDEC GQS for VOCs, pesticides, or PCBs in any of the groundwater samples collected. The only SVOC identified above the NYSDEC Part 703 GQS is naphthalene (19 µg/L). Several metals were detected above their respective GQS in the filtered samples including magnesium, selenium, and sodium.

8. The soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion. Several petroleum-related and chlorinated VOCs were identified at low levels in soil vapor samples. Maximum concentration of petroleum-related compounds (BTEX) was at 331 microgram per cubic meter [µg/m^3]. Overall, the highest concentrations were

detected for acetone (max 380 ug/m^3) and trichlorofluoromethane (Freon 11) (max 440 ug/m^3). Chlorinated VOCs were detected at low levels. Trichloroethylene (TCE) was detected in one sample at 0.34 µg/m^3, 1,1,1-trichloroethane (1,1,1-TCA) was detected in one sample at 0.98µg/m^3, carbon tetrachloride was detected in one sample at 0.90 µg/m^3, and tetrachloroethylene (PCE) was detected in several samples at a maximum concentration of 28 µg/m^3. According to the Soil Vapor/Indoor Air Matrices 1 and 2 provided in the NYSDOH guidance, these chlorinated solvent results indicate that no further action is required.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

525 West 52nd Street LLC and the Clinton Housing Development Company has completed this investigation to fulfill the requirements of the hazardous materials E-Designation that has been placed on the 0.84-acre site located at 525 West 52nd Street located in Manhattan, New York. Mixed commercial/residential use is proposed for the property. The RI work completed by Langan was performed between 7 and 9 January 2014 and between 9 and 11 October 2014. Previous Phase II investigations were completed on 23 May 2006 and 18 November 2010 as discussed in Section 2.2. This Remedial Investigation Report (RIR) summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 525 West 52nd Street in the Clinton/Hell's Kitchen district of Manhattan, New York and is identified as Block 1081, Lot 7501 and a portion of Lot 1 on the New York City Tax Map. Figure 1 shows the Site location. The Site is ±36,560-square feet and is occupied by a commercial/office building with a single basement and a loading dock area on the eastern side on Lot 7501. The building is four-stories on the northern portion, seven-stories on the southern portion, and three-stories on the eastern portion. The portion of Lot 1 is immediately adjacent to the west of Lot 7501 and is part of the redevelopment site which is currently occupied by an at-grade parking area operated by U-Haul.

The Site is bound to the north by West 53rd Street followed by a 30-story mixed use residential and commercial building located at 758 11th Avenue and a multi-story AT&T building located at 501-517 West 53rd Street, to the east by a 25-story mixed use residential and commercial building located at 500 West 53rd Street, to the south by West 52nd Street followed by an 8-story residential building located at 535 West 51st Street, and to the west a one-story commercial building that is operated as a automobile body shop. This lot will also be developed by the Clinton Housing Development Corporation (CHDC)

during the construction of the proposed redevelopment of this Site. The layout of the Site is shown on Figure 2.

1.2 Proposed Redevelopment Plan

The proposed development includes a high-rise residential building with a single-cellar level. The building will occupy the entire site footprint. The proposed use of the cellar is retail, storage, mechanical / utility rooms and tenant amenity space. The first floor will consist of retail, bicycle storage, a residential lobby with lounge areas and a courtyard, and mercantile space (to be built out by future tenants), The single-cellar level will occupy the entire footprint of the Site with the exception with the exception of an approximately 85- by 25-foot area at the northeast side of the Site and will extend to approximately 16- to 18-feet below the existing sidewalk grade which corresponds approximately to immediately below the existing basement slab of the building on Lot 7501. Based on the results of the previous environmental investigation and the current remedial investigation, groundwater if encountered would be limited to water perched above the shallow bedrock, which was encountered one- to four-feet below the current basement level of the building at Lot 7501. Schematic drawings of the proposed redevelopment are provided in Appendix A.

The property is currently zoned as a residential district (R9) with a commercial overlay (C2-5) on Lot 7501 and as a residential district (R8A/R9) with a commercial overlay (C2-5) on the portion of Lot 1 that is part of the Site according the New York City Department of City Planning zoning map dated 26 June 2014. According to the New York City Department of Building the subject property is located in the Special Clinton Zoning District.

According to the description provided by New York City Department of City Planning this zoning is intended to preserve and strengthen the residential character of a community bordering Midtown, maintain a broad mix of incomes and ensure that the community is not adversely affected by new development. The proposed renovation is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

Figure 3 shows the surrounding land usage. Surrounding properties include multi-story residential, industrial, and mixed-use buildings. The subject property is bounded to the north by West 53rd Street followed by a 30- story mixed use

residential and commercial building located at 758 11th Avenue and a multi-story AT&T, Inc. utility building located at 501-517 West 53rd Street, to the east by a 25 story mixed use residential and commercial building located at 500 West 53rd Street, to the south by West 52nd Street followed by an 8-story residential building located at 535 West 51st Street, and to the west by a one-story commercial building that is operated as a automobile body shop. This lot will also be developed by the Clinton Housing Development Corporation (CHDC) during the construction of the proposed redevelopment of this Site. Sensitive receptors include community gardens located approximately 180-feet to the southeast and a community park 360-feet to the west, a daycare center located approximately 360-feet to the north, a school with an associated garden located approximately 525-feet to the east, and a school located approximately 320-feet to the southwest of the Site.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Sanborn Fire Insurance Maps reviewed for the site as part of a September 2013 Phase I ESA performed by Langan identified that in 1892 the site was occupied by eight buildings ranging from one- to five-stories. The 1907 Sanborn Map shows the site as being occupied by 14 buildings ranging from one- to five-stories identified as mixed residential and commercial use. The 1926 and 1950 Sanborn Maps show nine five-story buildings identified for mixed residential and commercial use along with a vacant lot. The 1951 Sanborn Map identifies the existing three- to seven-story building at the site. A basement labeled as loading flats, two elevators and a gasoline tank are also shown. Printing operations are identified on the first floor and offices on the second floor. The 1976, 1979, 1980, and 1982 Sanborn Maps identify conditions similar to those of the 1950 Sanborn Map. The 1987 Sanborn Map shows the subject property is now identified as United Envelope Company, Inc. and is labeled for manufacturing. The 1990-2005 Sanborn Maps show conditions to be similar to the 1987 Sanborn Map.

Sanborn Fire Insurance Maps were also reviewed for the portion of Lot 1 included in the redevelopment (530-536 West 53rd Street). In 1892 four five-story buildings with backyards occupied the site. In 1907 the buildings were labeled as residential and commercial. In 1951 the site was vacant except for a small one-story office building in the northwestern corner. In 1979 the site was

identified as a parking lot. The 1980-2005 Sanborn Maps show conditions to be similar to the 1979 Sanborn Map.

As part of the information gathered about the past use of the property, Langan reviewed historic United States Environmental Protection Agency (USEPA) information that was provided in the EDR report that was generated as part of the Phase I ESA. Historic generator information obtained during the ESA includes forms received by the USEPA on 26 February 2008, 1 January 2007, 15 February 2006, 25 August 2005, 1 March 2004, 24 February 2002, and 1 January 2001 classifying the site as a large quantity generator (LQG), forms received on 14 February 2006 classifying the site as a small quantity generator (SQG), and forms received on 2 September 1999 classifying the site as a conditionally-exempt small quantity generator. Written informal violations were issued to the facility on 28 June 2004 during a compliance evaluation inspection and compliance was achieved on 8 August 2004. The subject property is identified in the RCRA NonGen database for forms received by the USEPA on 1 January 2007 classifying the site as a non-generator. Historic generator information includes forms received on 1 January 2007 and 1 January 2006 classifying the site as a non-generator and on 16 January 1996 classifying the site as a small quantity generator. No violations are reported for the facility.

The subject property is also identified in the NY AST and NY HIST AST databases for a 7,000-gallon aboveground storage tank containing fuel oil that is listed as being in service. The AST was observed during Langan's Phase I site reconnaissance and minor staining was noted on the tank and concrete floor of the vault.

No ownership records were available from the New York City Department of Finance to determine former site ownership.

2.2 Previous Investigations

The following environmental reports have been completed for the Site. Digital (PDF) copies of the below referenced environmental reports are included in Appendix B:

- Phase I ESA prepared by Environmental Management Solutions of New York, Inc. (EMSNY), dated May 20, 2004

- Phase II Subsurface Investigation prepared by General Consolidated Industries, Inc. (GCI), dated June 2, 2006
- Limited Due Diligence Investigation Report prepared by FLS, dated December 20, 2010
- Phase I ESA prepared by AKRF, Inc., dated July 3, 2012
- Phase I ESA prepared by Langan, dated September 6, 2013

Historic sample locations are shown on Figure 4, historic soil analytical data is summarized in Table 1 and shown on Figure 5, and historic groundwater analytical data is summarized in Table 2 and shown on Figure 6. A summary of these reports is provided below.

Phase I ESA prepared by EMSNY, dated May 20, 2004

The Phase I ESA was prepared on behalf of Newmark Realty. Site activities documented during the Phase I ESA inspection included small scale printing and lithography, paper and printing products storage and some office use. The site walkthrough completed by EMSNY identified containers of photographic chemicals, inks, and containers of alcohol (associated with printing processes), unlabeled three- to five-gallon containers containing unknown liquids, and a 55-gallon drum with a hazardous waste label that was determined to contain waste alcohol generated during printing press cleaning activities. A vaulted 7,500-gallon fuel oil aboveground storage tank (AST) was observed in the basement of the building. Ink stains were observed in areas where printing activities were conducted and oil staining was observed on the basement floor in the boiler area. EMSNY indicated that residual hazardous waste from printing processes may be onsite and cited this as a REC.

Phase II Subsurface Investigation Report prepared by GCI, dated June 2, 2006

The Phase II Subsurface Investigation was completed on behalf of Commerce Bank, N.A. The Phase II report references a Phase I ESA report, dated May 5, 2006 that was completed by GCI. Although a copy of this Phase I report was not provided for Langan's review, the Phase II provided a summary of RECs that were identified in the Phase I. According to this summary, the Phase I identified the potential for accidental spills and/or illegal discharges during photographic developing and printing operations at the site, both at the time of inspection and historically was an REC. Based on GCI's historical records review, a gasoline tank was located at the site from circa 1951 until at least 1996.

The GCI Phase II investigation included a series of dye tests to identify discharge points for slop sinks, bathrooms, sump pits, floor and trench drains, and printer drainage and a geophysical investigation to identify possible USTs at the site. The results of the dye testing confirmed that five slop sinks, the bathrooms, three printer drainage points, and three of the sump pits are connected to the New York City sewer system and that no further work was required to confirm they were connected to the sewer system. Six drainage points could not be confirmed to be connected to the municipal sewer system due to the structures being clogged. Two floor drains were reported to be connected to a buried leaching "drywell", although the location of the drywell was not identified. GCI recommended that the clogged structures be pumped out, cleared of debris, and power jetted to clear the structures and the piping. The results of GCI's geophysical investigation and site inspection did not identify any magnetic anomalies that would be indicative of an UST or other evidence of storage tanks.

Limited Due Diligence Investigation Report prepared by FLS, dated December 20, 2010

The 2010 limited due diligence investigation consisted of the following:

- A site visit to observe evidence of potential contamination associated with historic use of the site;
- A review of historic Sanborn maps for the site and surrounding properties to determine the types and dates of historic activities that may have impacted the Site;
- A geophysical survey to determine the potential presence of a UST shown on the 1951 Sanborn map; and,
- A limited subsurface investigation that included the installation of nine soil borings and two temporary well-points and the collection of soil and groundwater samples for laboratory analysis.

The results of the site reconnaissance and historic map review indicated environmental concerns including: the potential presence of on-site buried petroleum tanks, floor drains of an unknown configuration within the building basement, an active fuel oil AST located within a the basement boiler room (and associated piping of an unknown configuration), and a localized area of oil staining on the concrete slab in the southeastern portion of the basement.

The geophysical survey detected magnetic anomalies indicative of buried USTs in the southern portion of the basement as well as other anomalies in the same area. Soil borings were completed in the vicinity of the potential buried UST,

floor drains, the boiler room, and an area of stained concrete within the basement. The results of soil sampling were compared to New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) Recommended Soil Cleanup Objectives (RSCOs) and revealed the presence of semi-volatile organic compounds (SVOCs), zinc, and mercury at concentrations above their respective RSCOs.

Langan compared the analytical data to the NYSDEC Subpart 375-6 Soil Cleanup Objectives (SCOs) and exceedances for metals and SVOCs were identified. Exceedances of the Unrestricted Use Objectives (UUOs) for lead were identified in FLS-UST-1 (81.3 mg/kg), FLS-UST-4 (80.1 mg/kg), FLS-FD-2 (97.4 mg/kg), and FLS-FD-3 (75.3 mg/kg). Exceedances of the UUOs were identified for mercury in FLS-FD-3 (0.42 mg/kg). Chromium results were compared to the hexavalent chromium SCOs to evaluate the need for separate chromium analyses. Exceedances of the UUOs were identified for chromium in FLS-FD-1 (3.9 mg/kg) and FLS-FD-2 (11.2 mg/kg) and an exceedance of the Residential Restricted Use Soil Cleanup Objectives (RUSCOs) for chromium was identified in FLS-FD-3 (33.9 mg/kg).

Exceedances of the SCOs for SVOCs were identified in FLS-STAINSOIL including exceedances of the UUOs for benzo(k)fluoranthene (0.814 mg/kg), exceedances of the Residential RUSCOs for chrysene (1.62 mg/kg), exceedances of the Restricted Residential RUSCOs for benzo(a)anthracene (1.57 mg/kg) and benzo(b)fluoranthene (1.66 mg/kg), dibenzo(a,h)anthracene (0.371 mg/kg), and indeno(1,2,3-cd)pyrene (0.79 mg/kg), and exceedances of the Restricted Industrial RUSCOs for benzo(a)pyrene (1.33 mg/kg).

Additionally, the reporting limit (RL) for VOC 1,4-dioxane exceeded the UUO of 0.1 mg/kg in all nine samples analyzed.

The low level exceedances of metals and SVOCs were not indicative of releases from the identified tanks or subsurface structures and are attributable to the presence of historic urban fill at the Site.

The results of groundwater sampling did not reveal the presence of VOCs above the NYSDEC Part 703 Groundwater Quality Standards (GQS) in either sample collected from the temporary well points. Several exceedances of the GQS for SVOCs were identified in the groundwater sample collected from the boiler room area including benzo(a)anthracene (5.1 ug/l), benzo(b)fluoranthene (4.6 ug/l), benzo(k)fluoranthene, chrysene (5.7 ug/l), indeno(1,2,3-cd)pyrene, and naphthalene (95 ug/l). Low level exceedances were also identified in the groundwater sample collected from the stained soil area including

benzo(a)anthracene (0.76 ug/l), benzo(b)fluoranthene (0.8 ug/l), chrysene (0.89 ug/l), and indeno(1,2,3-cd)pyrene (0.41 ug/l). FLS concluded that the presence of SVOCs in the boiler room groundwater sample was likely petroleum-related and the presence of SVOCs in the stained soil area sample was likely related to sediment entrainment in the groundwater sample.

Phase I ESA prepared by AKRF, Inc., dated July 3, 2012

The Phase I ESA was completed on behalf of the Clinton Housing Development Company for the addresses at 530-548 West 53rd Street, 543 West 52nd Street, and 525 West 52nd Street. RECs associated with Lot 7501 and the portion of Lot 1 included the following:

- Historical use of the Site for printing operations and manufacturing;
- The Site was listed in the regulatory databases as a generator of hazardous wastes for the production of waste streams, including ignitable wastes, corrosive wastes and silver associated with former printing operations;
- Portions of Lot 1 (530-538 West 53rd Street) were covered with soil likely associated with ongoing excavation at the adjacent construction site;
- The Site at Lot 7501 was listed in the NYSDEC Spills database with two closed regulatory status spills, and;
- A reference to the FLS report and the findings of the limited subsurface investigation detailed above.

The AKRF Phase I also referenced the 7,000-gallon No. 2 fuel oil AST in the basement of the Site, and potential for ACM, LBP, and polychlorinated biphenyls (PCB) in building materials and equipment. Off-site historic RECs identified by AKRF included automotive facilities, gasoline storage tanks, a welding shop, a filling station associated with a migrating contaminant plume, a taxi repair facility, several repair shops and metal works facilities, and manufacturing businesses. AKRF's recommendations following their due diligence included a subsurface investigation with laboratory analysis of soil, soil vapor, and groundwater samples.

Phase I ESA prepared by Langan, dated September 6, 2013

The Phase I ESA was completed on behalf of 525 West 52nd Street Development, LLC for the site at 525 West 52nd Street. RECs associated with 525 West 52nd Street included the following:

- Historical use of the Site for hazardous waste generation and disposal and use for lithography, printing, photography laboratory, and envelope manufacturing purposes; and,
- Potential impacts from surrounding sites including open Spills.

3.0 SITE INSPECTION

Chris McMahon of Langan conducted an inspection of Lot 7501 on 28 June 2013. During the inspection the site was occupied by a commercial/office building with a concrete slab and concrete foundation wall basement and a loading dock area on the northeastern side. The northern portion of the building is four stories, the southern portion is seven-stories, and the eastern portion is three stories.

The basement of the building is accessible from the 53rd Street side via a concrete ramp and from a stairway on the southern side of the building. The southwestern portion of the basement is occupied by the ramp and the southeastern portion was occupied by a steel rack storage system containing construction supplies and small gasoline and electrically powered equipment.

The remaining central and southern portions of the basement were used as a vehicle parking area, and an electrical and mechanical equipment storage. The basement floor is constructed with a concrete slab that was observed to be in fair condition. Disconnected piping within one area of the basement is likely associated with a UST that was previously identified on the southern portion of the parking area of the basement. It is assumed that this UST area is the gasoline UST that is identified in the 1951 Sanborn Map.

The mechanical equipment storage area was observed to contain two fuel oil fired boilers and one natural gas fired boiler. Fuel oil for the boiler is supplied by a 7,500-gallon No. 2 fuel oil AST that is located within a concrete block vault. The mechanical equipment storage area was observed to contain several sump pits that were observed to contain water. No sheens or stains were observed in the sumps.

The building contained one passenger elevator and three freight elevators. The building is heated with a combination of natural gas and a No. 2 fuel oil-fired boiler system.

The ground floor of the building is occupied by a limousine company parking area on the ground floor and the lobby for the former office and printing operations. A vent pipe and suspected fill port were observed within the sidewalk of the 52nd Street

frontage side of the building. This vent pipe and fill port are assumed to be associated with the 7,500-gallon fuel oil AST.

The second floor of the building contained office space that was partially occupied and manufacturing space that was vacant. The remaining upper floors of the building contained vacant manufacturing areas and accessory offices.

A site inspection was completed on 9 October 2014 by a Langan staff engineer prior to the commencement of the October 2014 RI. The portion of Lot 1 that will be developed with Lot 7501 was observed to be vacant.

4.0 AREAS OF CONCERN

The AOCs identified for this site include:

Historic Use of the Subject Property: The portion of the property at Lot 7501 is identified on USEPA RCRA databases as a generator of non-listed ignitable hazardous waste based on forms received by the USEPA in 1996, 1999, 2001, 2002, and 2004 through 2008. The site has been documented for the disposal of non-listed ignitable hazardous waste in 2009 and the disposal of non-listed ignitable hazardous waste, non-listed corrosive hazardous waste, and silver-impacted hazardous waste between 1996 and 2000. Additionally, historic operations at the subject property as identified by the City Directory include lithography, printing, and a photography laboratory from 1920 through 1998. The Sanborn Fire Insurance Maps show printer operations at the subject property from 1951 through 1985 followed by envelope manufacturing from 1987 through 2005. Due to the potential that chemicals associated with the printing, lithographic, and other previous manufacturing operations may have impacted subsurface soil and groundwater conditions at the site, the historic use of the subject property is considered an AOC and was assessed as part of this investigation.

Underground Gasoline Storage Tanks: A gasoline UST is identified on Sanborn Fire Insurance Maps at the southern end of the building on Lot 7501 from 1951 through 2005. A magnetic anomaly was identified at the southern end of the building during a subsurface investigation completed at the subject property in 2010. Analytical results of the subsurface investigation subsequently completed in the area of the UST revealed no volatile organic compounds (VOCs) above applicable criteria in soil or groundwater in the vicinity of the UST. Based on these findings a release from the UST has not been identified; however, removal of any USTs or associated piping will be required in conjunction with any future site redevelopment.

Soil From Adjacent Construction Site: The portion of the property on Lot 1 was historically covered with soil likely associated with excavation activities at an adjacent construction site. While no signs of contamination were noted, no documentation on the actual source and the quality of the soil is available.

On-site Historic Fill: Laboratory analytical results of the shallow subsurface fill material collected during previous environmental investigations at Lot 7501 identified impacts from poly-aromatic hydrocarbons (PAHs) and metals at concentrations typically associated with historic urban fill. Additionally, due to the location of the Site in a heavily urbanized area, it is likely that historic fill is present in the subsurface in the portion of Lot 1 that is part of this Site. The presence of historic fill represents an AOC.

5.0 PROJECT MANAGEMENT

5.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Steven Ciambruschini. The Project Manager responsible for the daily oversight of the Remedial Investigation activities was Chris McMahon.

5.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements and the site specific Health and Safety Plan (provided in Appendix B of the Phase II Environmental Site Investigation Work Plan).

5.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

6.0 REMEDIAL INVESTIGATION ACTIVITIES

Langan, on behalf of 525 West 52 Property Owner LLC completed the following scope of work in accordance with the September 2013 approved Phase II Investigation Workplan:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e., structures, buildings, etc.);

2. Installed seven soil borings at Lot 7501, and collected seven soil samples plus one duplicate sample for chemical analysis from the soil borings to evaluate soil quality;

3. Installed two temporary groundwater monitoring wells at Lot 7501 and collected two groundwater samples for chemical analysis to evaluate groundwater quality; and,

4. Installed five subslab soil vapor probes at Lot 7501 and collected five samples for chemical analysis.

In addition, the following scope of work was completed in accordance with the September 2014 approved Phase II Investigation Workplan for 530-548 West 53rd Street and 543 West 52nd Street (Lot 1):

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e., structures, buildings, etc.);

2. Installed three soil borings at Lot 1, and collected six soil samples for chemical analysis from the soil borings to evaluate soil quality; and,

3. Installed two deep soil vapor probes at Lot 1 and collected two samples for chemical analysis.

A summary of the environmental sampling program, including sample rationale is provided in Table 1. A summary of boring, monitoring well, and soil vapor construction information is provided in Table 2. A summary of analytical methods is provided in Table 3. A map showing the location of soil borings and monitoring wells is provided as Figure 4.

6.1 Boring and Monitoring Well Installation

Drilling and Soil Logging

On 7 January 2014, seven soil borings (LSB-1 through LSB-7) were completed at Lot 7501. The borings were completed by PAL Environmental (PAL) of Long Island City, New York, using a track-mounted Geoprobe® 7822DT Direct Push Drilling Rig to a maximum depth of 3-feet below the current basement slab. Perched water was encountered approximately 1- foot below the basement slab. On 9 October 2014, three soil borings (LSB-8 through LSB-10) were completed in the portion of Lot 1 that is part of the Site. The borings were completed by

PAL using a track-mounted Geoprobe® 7822DT Direct Push Drilling Rig to a maximum depth of 9-feet below ground surface. Water was not encountered in any of the borings.

Continuous macrocore samples were collected to the bottom of each boring and soil was classified and visually screened for evidence of contamination. Field screening of soil during sample collection for VOCs using a photo-ionization detector (PID) was completed during the installation of all seven test borings. No PID readings above background were detected.

Boring logs were prepared by a Langan engineer and are attached in Appendix C. Table 2 provides sample location details, including boring, monitoring well, and soil vapor construction information.

Groundwater Monitoring Well Construction

On 7 January 2014, two groundwater monitoring wells (LMW-3 and LMW-4) were installed by a licensed well driller of PAL Environmental (PAL) of Long Island City, New York. Monitoring wells were completed to a depth of 1.75-feet below the basement slab. Monitoring wells LMW-3 (LSB-5) and LMW-4 (LSB-6) were constructed with 1.75-feet of 2-inch diameter Schedule 40 0.020-inch PVC well screen. Following installation, each well was developed by removing a total of five well volumes using a peristaltic pump and dedicated polyethylene tubing or until the groundwater was relatively free of silt.

Monitoring well locations are shown on Figure 4 and a summary of monitoring well construction is provided in Table 2.

Proposed monitoring wells LMW-1 and LMW-2 were not installed as groundwater was not encountered at boring locations LSB-1 and LSB-2. Monitoring wells were not installed on the portion of Lot 1 that is part of the site as groundwater was not encountered in any of the borings installed.

Water Level Measurement

Groundwater levels were recorded on the groundwater sampling field sheets (provided in Appendix C) prior to sampling with a water level meter.

6.2 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy. A summary of samples collected for chemical analyses, including material sampled and sample depths, are summarized in Table 1. A summary of analytical methods is provided in Table 3.

The installation of ten soil borings, two groundwater monitoring wells, five subslab soil vapor points, and two deep soil vapor points and collection of thirteen soil samples, two groundwater samples, five subslab soil vapor samples, and two deep soil vapor samples was completed to assess the potential that the surrounding properties have adversely impacted the site as well as delineate any on-site impacts associated with historic use of the subject property. All samples were submitted to York Analytical Laboratories of Stratford, Connecticut (York), a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory.

Soil Sampling

Thirteen soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including material sampled and sample depths, is reported in Table 1. Figure 4 shows the location of samples collected in this investigation. The complete laboratory data packages are included as Appendix D. Laboratory and analytical methods are discussed below.

On 7 January 2014, seven soil borings (LSB-1 through LSB-7) were completed at Lot 7501. LSB-1 through LSB-7 were installed at approximately evenly spaced intervals throughout the site to investigate site soil conditions, assess the potential presence of impacts from off-site sources, historic site operations, and historic fill. One sample was collected from each boring.

Samples for laboratory analysis were collected from the entire sample interval due to poor recovery. Soil samples were submitted to York for VOCs, SVOCs, pesticides, PCB, and metal analysis. LSB-3 was analyzed for VOCs only due to poor recovery.

On 9 October 2014, three soil borings (LSB-8 through LSB-10) were completed at Lot 1. LSB-8 through LSB-10 were installed at approximately evenly spaced intervals throughout the site to investigate site soil conditions, assess the potential presence of impacts from off-site sources, historic site operations, and historic fill. Two samples were collected from each boring. One sample was collected from the 0- to 2-foot below ground surface (bgs) interval and one sample was collected from the base of LSB-8 and LSB-9. One sample was collected from 3- to 5-feet bgs at LSB-10 due to the presence of staining.

Soil samples were submitted to York for VOCs, SVOCs, pesticides, PCB, and metal analysis.

Quality Assurance/Quality Control

All sampling devices (macrocores) were properly decontaminated according to NYSDEC and ASTM (ASTM D-5088-90) guidelines prior to each sampling location. This included a thorough soap/water wash to remove solid residues, followed by successive rinses of tap water and distilled/deionized water. Each macrocore was lined with a dedicated acetate liner prior to the collection of each 5-foot long soil sample. Soil samples were then placed in glass jars supplied by the laboratory. Soil samples collected for VOCs were obtained via a plunger calibrated to collect approximately 5 grams of soil and then placed in a VOA vial that was preserved with methanol or distilled water. Each soil sample was recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed, and were stored at a maximum of 4° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

Quality assurance and quality control samples were incorporated into the sampling events at a frequency in accordance with the New York State Department of Environmental Conservation (NYSDEC) DER-10 Technical Guidance for Site Investigation and Remediation as required by NYCOER and consisted of one field blank and one duplicate sample. The field blank and duplicate samples were analyzed for VOCs, SVOCs, PCBs, pesticides, and metals.

Groundwater Sampling

Two groundwater samples were collected for chemical analysis during this RI. Groundwater sample details, including dates of collection and screen intervals, are reported in Table 2. Table 3 provides a summary of the analytical methods that were performed for each sample. A summary of groundwater laboratory analytical results are provided in Table 5. Sampling logs with field parameters collected during purging and sampling of groundwater monitor wells are included in Appendix C. Figure 4 shows the location of groundwater monitoring wells and Figure 6 shows a summary of the analytical exceedances of Groundwater Quality Standards. Laboratory and analytical methods are discussed below.

In order to assess groundwater conditions on the subject property two groundwater monitoring wells (LMW-3 and LMW-4) were installed in soil borings LSB-5, and LSB-6, respectively.

On 8 January 2014, two groundwater samples were collected for chemical analysis from the wells installed as part of this RI. The wells were sampled via USEPA low-flow sampling methods. Groundwater field parameters, including pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity were measured during low-flow purging activities. Groundwater Field Sampling Logs are provided in Appendix C. Visual observations were made of groundwater samples that were collected using a peristaltic pump and dedicated bailers. No evidence of sheen or free product was observed in any of the monitoring wells.

Grab groundwater samples were collected and submitted to York for analysis for VOCs, SVOCs, pesticides, PCBs, and total and dissolved metals. VOCs samples were collected using a dedicated bailer and the remaining samples were collected using dedicated tubing and a peristaltic pump.

Quality Assurance/Quality Control

Collected groundwater samples were placed in containers supplied by the laboratory with the appropriate preservatives. Each groundwater sample was numbered and recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed, and stored at a maximum of 4° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

Quality assurance (trip blank) and quality control (field blank and duplicate) samples were incorporated into the sampling events as required by NYCOER and consisted of one field blank, one duplicate sample, and one trip blank. The groundwater field blank and duplicate samples were analyzed for VOCs, SVOCs, PCBs, pesticides and metals. The trip blank was analyzed for VOCs only.

Soil Vapor Sampling

In order to assess soil gas conditions and evaluate any potential vapor intrusion conditions (pVICs) on the subject property, five temporary subslab soil vapor points (LSV-1 through LSV-5) were installed at Lot 7501 and two temporary deep soil vapor points (LSV-4 and LSV-7) were installed in the portion of Lot 1 that is part of the Site as part of the subsurface investigation activities. Each point was sampled as per NYCOER, NYSDOH, and NYSDEC guidelines.

Five subslab soil vapor probes were installed at Lot 7501 and five subslab soil vapor samples were collected for chemical analysis during this RI. In addition, two deep soil vapor probes were installed in the portion of Lot 1 that is occupied by a vacant lot and part of the Site and two soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 4. A summary of analytical results compared to the NYSDOH 2006 Soil Vapor Intrusion Guidance Matrices as well as the 2003 Study of Volatile Chemicals in Air of Fuel Oil Heated Homes guidance and the United States Environmental Protection Agency (USEPA) 2001 Building Assessment and Survey Evaluation (BASE) Database using Summa Canister Method is provided on Figure 6 and in Table 6. Soil vapor sampling logs are included in Appendix C. Methodologies used for soil vapor assessment conform to the NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006.

Temporary subslab soil vapor points were installed on 9 January 2014 by Langan using a hammer drill to a depth immediately below the basement slab. A Teflon-lined polyethylene tube was then placed through the penetration and sealed using modeling clay. Deep temporary soil vapor points were installed on 9 and 11 October 2014 by PAL. Teflon-lined polyethylene tubing connected to a 6-inch stainless steel screen was lowered into the boreholes for LSB-8 and LSB-9 to install LSV-6 and LSV-7, respectively, to a few inches above the base of the boring. Glass beads were used to backfill the screened interval followed by No. 2 sand to approximately 0.5-feet above the screened interval followed by hydrated granular Bentonite clay to the ground surface.

Each soil vapor sampling point was tightness tested using the helium tracer gas method and purged at a flow-rate of <200-ml per minute. No evidence of helium breakthrough (i.e., helium concentrations above 5%) was observed in any of the sample locations before sample collection. PID readings for VOCs ranging from 184 ppb (LSV-3) to 744 ppb (LSV-1) were observed during field screening of each location at Lot 7501. No PID readings were detected during field screening at Lot 1.

Quality Assurance/Quality Control

Subslab and deep soil vapor samples were laboratory analyzed for VOCs via USEPA TO-15 Method. Samples were collected in laboratory-cleaned and certified evacuated 6-L stainless steel summa canisters with regulators supplied by York. The regulators were set to collect each sample over a 2-hour sampling period (a flow-rate of <200-ml per minute) as per USEPA/ITRC soil vapor sampling guidance. Each soil vapor sample was numbered and recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed, and stored at a maximum room temperature of 30° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

Quality assurance samples (ambient blank) and quality control (duplicate) samples were collected and incorporated into the sampling events as required by NYS DOH Final Vapor Intrusion Guidance. The ambient blank and duplicate were analyzed for TO-15.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Chris McMahon.
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was York Analytical Laboratories, Inc.

Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater, and soil vapor are summarized in Tables 4, 5, and 6, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in Appendix D.

7.0 ENVIRONMENTAL EVALUATION

7.1 Geological and Hydrogeological Conditions

Stratigraphy

Based on on-site test borings completed as part of this RIR and previously completed as part of the 2010 Limited Due Diligence Investigation, subsurface conditions at Lot 7501 generally consist of a 1- to 3.5-foot thick layer of fill material underlain by weathered bedrock beneath the basement slab. Subsurface conditions in the portion of Lot 1 that is part of the Site generally consists of eight-feet of fill material underlain by weathered bedrock.

Hydrogeology

Groundwater levels were collected using an interface probe capable of identifying non-aqueous phase liquids (NAPL) from each well prior to purging and sampling. Light NAPL (LNAPL) was not observed in either of the two wells sampled during this RI. Groundwater level data was recorded on groundwater sampling field sheets that are provided in Appendix C. The average depth to groundwater is approximately 1-foot below the basement slab grade at Lot 7501. Groundwater was not encountered in the soil borings completed in the portion of Lot 1 that is part of the Site. Based on the proximity of the site to the Hudson River, regional groundwater flow is expected to be towards the west.

7.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included as Table 4 and shown on Figure 5.

No VOCs were detected above the NYSDEC Subpart 375-6 Restricted Residential Use Soil Cleanup Objectives (SCOs) in any of the samples collected at Lot 7501. Analytical results revealed an exceedance of the Unrestricted Use Objectives (UUOs) for the VOC acetone from 0- to 2-feet bgs in Lot 1 (0.057 mg/kg), a common laboratory artifact.

Analytical results revealed exceedances of the SCOs for SVOCs (specifically for polycyclic aromatic hydrocarbons [PAHs]) in the historic fill material from 0- to 2-feet below the basement slab in all soil samples collected at Lot 7501. Exceedances of the NYSDEC UUOs were identified for acenaphthene (25.4 mg/kg – 44.7 mg/kg). Exceedances of the NYSDEC Restricted Residential Restricted Use Soil Cleanup Objectives (RUSCOs) (3.26 mg/kg – 5.37 mg/kg) and the Industrial RUSCOs (30.2 mg/kg – 87.3 mg/kg) were identified for benzo(a)anthracene. Exceedances of the NYSDEC Industrial RUSCOs were identified for benzo(a)pyrene (4.01 mg/kg – 83.9 mg/kg). Exceedances of the NYSDEC Restricted Residential RUSCOs (2.94 mg/kg – 5.08 mg/kg) and the NYSDEC Industrial RUSCOs (4.01 mg/kg – 83.9 mg/kg) were identified for benzo(b)fluoranthene. Exceedances of the NYSDEC Residential RUSCOs (3.16 mg/kg – 3.60 mg/kg), the Restricted Residential RUSCOs (5.72 mg/kg - 49.2 mg/kg), and the NYSDEC Commercial RUSCOs (70.4 mg/kg) were

identified for benzo(k)fluoranthene. Exceedances of the NYSDEC Residential RUSCOs (3.38 mg/kg), the NYSDEC Restricted Residential RUSCOs (4.91 mg/kg - 47.4 mg/kg), and exceedances of the NYSDEC Commercial RUSCOs (84.8 mg/kg) were identified for chrysene. Exceedances of the NYSDEC Restricted Residential RUSCOs (0.433 mg/kg), the NYSDEC Commercial RUSCOs (0.602 mg/kg), and the NYSDEC Industrial RUSCOs (4.88 mg/kg – 9.90 mg/kg) for were identified for dibenzo(a,h)anthracene. Exceedances of the NYSDEC Residential RUSCOs for dibenzofuran were identified (17.6 mg/kg – 27.1 mg/kg). Exceedances of the NYSDEC Restricted Residential RUSCOs were identified for fluoranthene (139 mg/kg - 223 mg/kg) and an exceedance of NYSDEC UUOs for fluorene was identified (32 mg/kg). Exceedances of the NYSDEC Restricted Residential RUSCOs (1.42 mg/kg – 2.14 mg/kg), an exceedance of the NYSDEC Commercial RUSCOs (9.08 mg/kg), and exceedances of the NYSDEC Industrial RUSCOs (12 mg/kg – 18.9 mg/kg) were identified for indeno(1,2,3-cd)pyrene. Exceedances to NYSDEC UUOs (45.6 mg/kg) were identified for naphthalene. Exceedances of the NYSDEC Restricted Residential RUSCOs (167 mg/kg – 245 mg/kg) for phenanthrene were identified and exceedances of the NYSDEC Restricted Residential RUSCOs for pyrene were identified (124 mg/kg – 205 mg/kg).

No exceedances of the SVOCs were detected in any of the samples collected in the portion of Lot 1 that is part of the Site.

Exceedances of the NYSDEC UUOs for pesticides include 4,4'-DDE (0.0213 mg/kg) and 4,4'-DDT (0.00811 mg/kg) at Lot 7501. The PCB Aroclor 1260 was detected above the UUOs (0.507 mg/kg) and above the NYSDEC Commercial RUSCOs (2.3 mg/kg – 2.54 mg/kg) from 0- to 2-feet bgs in the portion of Lot 1 that is part of the Site.

Exceedances of the NYSDEC SCOs were identified for metals in all sample locations at Lot 7501. Exceedances of the NYSDEC UUOs (7.01 mg/kg – 31.3 mg/kg) and NYSDEC Residential RUSCOs (61.2 mg/kg) for chromium were identified. Exceedances of the NYSDEC UUOs (114 mg/kg – 314 mg/kg) and NYSDEC Restricted Residential RUSCOs (473 mg/kg) were identified for lead. Additionally, exceedances of the NYSDEC UUOs for mercury were identified (0.188 mg/kg - 0.292 mg/kg).

Exceedances of the NYSDEC SCOs were identified for metals in all samples collected from 0- to 2-feet bgs in the portion of Lot 1 that is part of the Site.

Exceedances of the NYSDEC UUOs were detected for lead (127 mg/kg – 199 mg/kg), chromium (11.9 mg/kg – 16.1 mg/kg), copper (65.4 mg/kg), nickel (41.5 mg/kg), mercury (0.215 mg/kg), and zinc (140 mg/kg – 425 mg/kg). An exceedance of the NYSDEC Restricted Residential RUSCOs was detected for lead (762 mg/kg). Exceedances of the NYSDEC Commercial RUSCOs were detected for barium (1,810 mg/kg – 8,630 mg/kg). Exceedances of the NYSDEC SCOs for metals were identified for deeper samples collected in the portion of Lot 1 that is part of the Site. Exceedances of the NYSDEC UUOs were detected for mercury (0.272 mg/kg) from 7- to 9-feet bgs and for zinc (164 mg/kg – 688 mg/kg) from 3- to 9-feet bgs. Exceedances for the NYSDEC Commercial RUSCOs were detected for barium (461 mg/kg – 2,370 mg/kg) from 3- to 9-feet bgs. Exceedances of the NYSDEC Industrial RUSCOs were detected for lead (4,670 mg/kg – 4,830 mg/kg) from 3- to 9-feet bgs.

Conclusions

The soil analytical results of this RI documented exceedances of the NYSDEC Subpart 375-6 Restricted Use SCOs for SVOCs in all samples collected from below the basement slab at Lot 7501. In particular, exceedances of the NYSDEC Industrial RUSCOs for one or more PAHs in each of the six sample locations at which SVOCs were analyzed. Metals chromium and mercury were detected above the UUOs and/or Residential RUSCOs and lead was detected in exceedance of the Restricted Residential RUSCOs. In addition, pesticides were detected above the UUOs.

The soil analytical results also documented exceedances of the NYSDEC SCOs for PCBs in all samples collected from 0- to 2-feet bgs at Lot 1. Metals were also detected in exceedances of the SCOs in all samples collected at Lot 1. Specifically, lead was detected above the Industrial RUSCOs from 3- to 9-feet bgs.

As part of the proposed site development, excavation to a minimum depth of approximately 14- to 18-feet below sidewalk grade is expected. Historic fill material was documented from 0- to 3-feet below the existing basement slab of the onsite building at Lot 7501 and from 0- to 8-feet bgs in the portion of Lot 1 that is part of the Site. As the proposed excavation depth will exceed the depth of the fill material, all impacted historic fill will be excavated and transported for off-site disposal.

Handling and management of the soil will be conducted in accordance with a NYCOER approved Construction Health and Safety Plan and Remedial Action Workplan as part of the "E" designation requirements.

7.3 Groundwater Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 5 and exceedances of applicable groundwater standards are shown on Figure 6.

Analytical results revealed no exceedances of the NYSDEC Part 703 groundwater quality standards (GQS) for VOCs, pesticides, or PCBs in any of the groundwater samples collected. The only SVOC identified above the NYSDEC Part 703 GQS is naphthalene in LMW-3 at a concentration of 19 ug/L. Metals were detected above the NYSDEC Part 703 GQS including iron at LMW-3 (1,360 ug/L) and LMW-4 (900 ug/L), magnesium at LMW-4 (38,000 ug/L) and the duplicate sample of LMW-4 (36,600 ug/L), selenium at LMW-4 (17.3 ug/L) and the duplicate sample for LMW-4 (16.8 ug/L), and sodium at LMW-3 (214,000 ug/L), LMW-4 (612,000 ug/L), and the duplicate sample for LMW-4 (641,000 ug/L). Dissolved metals were detected above the NYSDEC Part 703 GQS including dissolved magnesium at LMW-4 (37,800 ug/L) and the duplicate sample of LMW-4 (36,900 ug/L), dissolved selenium at LMW-4 (17.4 ug/L) and the duplicate sample for LMW-4 (17.2 ug/L), and dissolved sodium at LMW-3 (216,000 ug/L), LMW-4 (629,000 ug/L), and the duplicate sample for LMW-4 (612,000 ug/L).

Conclusions

Analytical results revealed no exceedances of the NYSDEC Part 703 GQS for VOCs, pesticides, or PCBs in any of the groundwater samples collected. An exceedance of the Part 703 GQS for the SVOC naphthalene was detected in LMW-3. Exceedances of the Part 703 GQS for total iron and total sodium were detected in both wells and an exceedance of the Part 703 GQS for magnesium and selenium were detected in LMW-4 and the duplicate sample collected at LMW-4. The detections of magnesium and sodium in groundwater are attributable to background conditions and the proximity of the site to the Hudson River and the detection of iron and selenium is likely attributable to elevated turbidity in the collected samples.

Dewatering is not anticipated the site redevelopment activities. However, if localized dewatering is required, these dewatering activities will be conducted in accordance with NYCDEP Sewer Discharge Criteria.

The potential for volatilization of low level concentrations of VOCs in groundwater to the proposed building was assessed via completion of a soil vapor assessment discussed below.

7.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 6. Figure 7 shows the location and provides a summary of soil vapor sample results.

Although a fuel oil AST and potential gasoline UST are present at the site, petroleum-related VOCs will not be reviewed for the potential vapor intrusion concern (pVIC) evaluation for the purposes of this report as no VOCs were detected above applicable criteria in either soil or groundwater at the site. Therefore, only tetrachloroethylene (PCE) and trichloroethylene (TCE) will be considered for the pVIC evaluation.

The results for these compounds were compared to the indoor air quality criteria found in the New York State Department of Health (NYSDOH) 2003 Study of Volatile Chemicals in Air of Fuel Oil Heated Homes guidance and the United States Environmental Protection Agency (USEPA) 2001 Building Assessment and Survey Evaluation (BASE) Database using Summa Canister Method. The analytical results for Lot 7501 detected PCE in exceedance of NYSDOH guidance Upper Fence criteria and the USEPA BASE guidance 90th Percentile criteria in LSV-1 (13 ug/m^3) and LSV-5 (21 ug/m^3). TCE was not detected in any of the subslab samples collected. The analytical results for Lot 1 detected PCE in exceedance of NYSDOH guidance Upper Fence criteria and the USEPA BASE guidance 90th Percentile criteria in LSV-6 (28 ug/m^3) and LSV-7 (21 ug/m^3). TCE was not detected above the NYSDOH or USEPA criteria in any of the deep soil vapor samples collected. According to the Soil Vapor/Indoor Air Matrix 2 provided in the NYSDOH guidance, the PCE results for all samples collected indicate that no further action is required.

Conclusions

The analytical results detected PCE in exceedance of NYSDOH and the USEPA criteria in LSV-1 and LSV-5 through LSV-7. These exceedances when compared to the NYSDOH Vapor Intrusion, Matrix 2 guidance document identified that mitigation was not required; however, a vapor barrier will be installed below and along foundation walls as part of the proposed building redevelopment will adequately address the potential for soil vapor intrusion into the building.

7.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

7.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

7.7 Schedule and Submittals

Redevelopment of the property is anticipated to begin in 2015. A Remedial Action Plan to address the hazardous materials portion of the (E)-designation will be provided within one week of the submittal of this Remedial Investigation Report.

TABLES

Table 1
Sample Summary and Rationale
525 West 52nd Street
New York, New York

Langan RIR Sampling Rationale - Lot 7501					
Matrix	**Sample Location**	**Sample Depth (ft. bgs)**	**Material**	**Rationale**	**Analysis**
Soil	LSB-1	0.0'-2.0'	Fill	Characterization of historic fill material.	VOCs SVOCs Metals PCBs Pesticides
	LSB-2	0.0'-2.0'	Fill		
	LSB-3	0.0'-0.5'	Fill		
	LSB-4	0.0'-3.0'	Fill		
	LSB-5	0.0'-1.5'	Fill		
	LSB-6	0.0'-2.0'	Fill		
	LSB-7	0.0'-1.25'	Fill		
Groundwater	LMW-3	—	—	Site Wide Groundwater Characterization	VOCs SVOCs Total Metals Filtered Metals PCBs Pesticides
	LMW-4	—	—		
Soil Vapor	LSV-1	0.5'	—	Characterization of soil vapor beneath the basement slab of the building	VOCs
	LSV-2	0.167'	—		
	LSV-3	0.5'	—		
	LSV-4	0.417'	—		
	LSV-5	0.5'	—		

Langan RIR Sampling Rationale - Lot 1 (Portion)					
Matrix	**Sample Location**	**Sample Depth (ft. bgs)**	**Material**	**Rationale**	**Analysis**
Soil	LSB-8	0.0'-2.0'	Fill	Characterization of historic fill material.	VOCs SVOCs Metals PCBs Pesticides
		7.0'-9.0'	Fill/Weathered Rock		
	LSB-9	0.0'-2.0'	Fill		
		7.0'-9.0'	Fill/Weathered Rock		
	LSB-10	0.0'-2.0'	Fill		
		3.0'-5.0'	Fill		
Soil Vapor	LSV-6	8.5'	—	Characterization of soil vapor above bedrock.	VOCs
	LSV-7	8.5'	—		

Table 2
Sample Location Details
525 West 52nd Street
New York, New York

Lot 7501						
Sample Type	Soil Boring Identification Number	Date of Construction	Total Depth	Diameter (in)	Screened Interval (Ft Below Top of Basement Slab)	Construction Materials
Soil Borings	LSB-1	January 7, 2014	2 ft below top of basement slab	2	NA	NA
	LSB-2	January 7, 2014	2 ft below top of basement slab	2	NA	NA
	LSB-3	January 7, 2014	0.5 ft below top of basement slab	2	NA	NA
	LSB-4	January 7, 2014	3 ft below top of basement slab	2	NA	NA
	LSB-5	January 7, 2014	1.5 ft below top of basement slab	2	NA	NA
	LSB-6	January 7, 2014	2 ft below top of basement slab	2	NA	NA
	LSB-7	January 7, 2014	1.25 ft below top of basement slab	2	NA	NA
Groundwater Monitoring Wells	LMW-3	January 7, 2014	2	2	2	0.02 inch slotted schedule 40 PVC
	LMW-4	January 7, 2014	2	2	2	0.02 inch slotted schedule 40 PVC
Soil Vapor	LSV-1	January 9,2014	0.5	1/2	NA	1/4" OD Teflon-Lined Polyethylene Tubing with Clay Seal
	LSV-2	January 9,2014	0.167	1/2	NA	1/4" OD Teflon-Lined Polyethylene Tubing with Clay Seal
	LSV-3	January 9,2014	0.5	1/2	NA	1/4" OD Teflon-Lined Polyethylene Tubing with Clay Seal
	LSV-4	January 9,2014	0.417	1/2	NA	1/4" OD Teflon-Lined Polyethylene Tubing with Clay Seal
	LSV-5	January 9,2014	0.5	1/2	NA	1/4" OD Teflon-Lined Polyethylene Tubing with Clay Seal

Lot 1 (Portion)						
Sample Type	Soil Boring Identification Number	Date of Construction	Total Depth	Diameter (in)	Screened Interval (Ft Below Top of Basement Slab)	Construction Materials
Soil Borings	LSB-8	October 9, 2014	9.0'	2	NA	NA
	LSB-9	October 9, 2014	9.0'	2	NA	NA
	LSB-10	October 9, 2014	9.0'	2	NA	NA
Soil Vapor	LSV-4	October 9, 2014	8.5'	1/2	NA	1/4" OD Teflon-Lined Polyethylene Tubing with Hydrated Bentonite Clay Seal
	LSV-7	October 9, 2014	8.5'	1/2	NA	1/4" OD Teflon-Lined Polyethylene Tubing with Hydrated Bentonite Clay Seal

Table 3
Sample Analytical Method Summary
525 West 52nd Street
New York, New York

Sample Matrix	Number of Samples Collected	Analytical Parameter	Analytical Method Used	Number of Duplicate Samples	Number of Trip Blanks	Number of Field Blanks
Soil	10	VOCs	EPA Method 8260	1	0	1
		SVOCs	EPA Method 8270			
		Pesticides	EPA Method 8081			
		PCBs	EPA Method 8082			
		Metals	EPA Method 6010			
Groundwater	2	VOCs	EPA Method 624	1	1	1
		SVOCs	EPA Method 625			
		Pesticides	EPA Method 608			
		PCBs	EPA Method 608			
		Total Metals	EPA Method 200.7			
		Dissolved Metals	EPA Method 200.7			
Soil Vapor	7	VOCs	EPA Method TO-15	1	0	1 (Ambient Blank)

TABLE 4
SUMMARY OF HISTORIC SOIL ANALYTICAL RESULTS
525 WEST 52ND STREET
New York, New York

Sample Location:		Subpart 375-6 (Revised Brownfields)[1]					FLS-BOILERROOM		FLS-STAINSOIL		FLS-UST-1		FLS-UST-2		FLS-UST-3		FLS-UST-4		FLS-FD-1		FLS-FD-2		DLS-FD-3		LSB-1		LSB-2		DUP (LSB-2DUP)	
Langan Sample Number:			Protection of Public Health				---		---		---		---		---		---		---		---		---		001		002		009	
York Laboratory Sample Number:		Unrestricted Use	Residential	Restricted-Residential	Restricted-Commercial	Restricted Industrial	JA62028-1		JA62028-2		JA62028-6		JA62028-3		JA62028-5		JA62028-4		JA62028-7		JA62028-8		JA62028-9		14A0168-01		14A0168-02		14A0168-09	
Sampling Date:							11/18/2010		11/18/2010		11/18/2010		11/18/2010		11/18/2010		11/18/2010		11/18/2010		11/18/2010		11/18/2010		1/7/2014		1/7/2014		1/7/2014	
Sampling Depth (ft):							3.0		3.0		1.5		3.5		3.0		2.0		2.0		2.5		2.0		2.0		2.0		2.0	
Units:	**CAS No.**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q
VOLATILE ORGANIC COMPOUNDS (VOCs)																														
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	*0.11*	*U*	*0.11*	*U*	*0.12*	*U*	*0.13*	*U*	*0.11*	*U*	*0.11*	*U*	*0.11*	*U*	*0.11*	*U*	*0.1*	*U*	0.058	U	0.058	U	0.079	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.0052	J	0.0057	J	0.0031	U	0.0152		0.0029	U	0.003	U	0.0084	U	0.0029	U	0.0027	U	0.0091	J	0.0085	J	0.0071	J
Carbon disulfide	75-15-0	---	---	---	---	---	0.00039	U	0.00039	U	0.00078	J	0.00046	U	0.00069	J	0.00063	J	0.0016	U	0.0004	U	0.0013	J	0.0029	U	0.0029	U	0.0039	U
Ethylbenzene	100-41-4	1	30	41	390	780	0.00071	J	0.00048	U	0.00061	J	0.00056	U	0.00048	U	0.00049	U	0.00046	U	0.0005	U	0.00045	U	0.0032	J	0.0096		0.0039	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.0063	U	0.0064	U	0.0070	U	0.0075	U	0.0065	U	0.0066	U	0.0062	U	0.0065	U	0.0060	U	0.0029	U	0.0029	U	0.0039	U
Methylcyclohexane	108-87-2	---	---	---	---	---	0.00083	U	0.00084	U	0.00092	U	0.002	J	0.00085	U	0.00087	U	0.00081	U	0.0009	U	0.00079	U	0.0029	U	0.0029	U	0.0039	U
Tetrachloroethene	127-18-4	1.3	5.5	19	150	300	0.0063	U	0.0064	U	0.0070	U	0.0075	U	0.0065	U	0.0066	U	0.0062	U	0.0065	U	0.0060	U	0.0029	U	0.0029	U	0.0039	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00098	J	0.00038	U	0.0027		0.00044	U	0.00038	U	0.0013		0.001	U	0.0004	U	0.0015		0.0029	U	0.0038	J	0.0039	U
Xylene (total)	1330-20-7	0.26	100	100	500	1,000	0.0014	J	0.0006	U	0.0034	J	0.00071	U	0.00061	U	0.00062	U	0.00058	U	0.0006	U	0.00056	U	0.0086	U	0.0088	J	0.012	U
SEMI VOLATILE ORGANIC COMPOUNDS (SVOCs)																														
1,1'-Biphenyl	92-52-4	---		---	---	---	0.0038	U	0.0962	J	NA		NA		NA		NA		NA		NA		NA		1.66	J,D	0.816	U	0.888	U
2-Methylnaphthalene	91-57-6	---	---	---	---	---	0.018	U	0.792		NA		NA		NA		NA		NA		NA		NA		8.00	D	12.3	D	5.48	D
Acenaphthene	83-32-9	20	100	100	500	1,000	0.0095	U	0.72		NA		NA		NA		NA		NA		NA		NA		**30**	**D**	**44.7**	**J,D**	**25.4**	**D**
Anthracene	120-12-7	100	100	100	500	1,000	0.011	U	1.02		NA		NA		NA		NA		NA		NA		NA		43.7	D	67.5	D	37.8	D
Benzo (a) anthracene	56-55-3	1	1	1	5.6	11	0.111		**1.57**		NA		NA		NA		NA		NA		NA		NA		**52.7**	**D**	**87.3**	**D**	**44**	**D**
Benzo (a) pyrene	50-32-8	1	1	1	1	1.1	0.0889		**1.33**		NA		NA		NA		NA		NA		NA		NA		**51.2**	**D**	**83.9**	**D**	**48.6**	**D**
Benzo (b) fluoranthene	205-99-2	1	1	1	5.6	11	0.108		**1.66**		NA		NA		NA		NA		NA		NA		NA		**41.1**	**D**	**62.5**	**J,D**	**40.1**	**D**
Benzo (g,h,i) perylene	191-24-2	100	100	100	500	1,000	0.087		0.758		NA		NA		NA		NA		NA		NA		NA		9.6	D	13.1	D	9.13	D
Benzo (k) fluoranthene	207-08-9	0.8	1	3.9	56	110	0.046		**0.814**		NA		NA		NA		NA		NA		NA		NA		**49.2**	**D**	**70.4**	**D**	**35.6**	**D**
Benzyl butyl phthalate	85-68-7	---	---	---	---	---	0.019	U	0.039	U	NA		NA		NA		NA		NA		NA		NA		0.681	U	0.816	U	0.888	U
Carbazole	86-74-8	---	---	---	---	---	0.015	U	0.477		NA		NA		NA		NA		NA		NA		NA		23.8	D	39.4	J,D	22.0	D
Chrysene	218-01-9	1	1	3.9	56	110	0.151		**1.62**		NA		NA		NA		NA		NA		NA		NA		**47.4**	**D**	**84.8**	**D**	**42.9**	**D**
Dibenzo (a,h) anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	0.011	U	**0.371**		NA		NA		NA		NA		NA		NA		NA		**6.89**	**D**	**9.9**	**D**	**5.85**	**D**
Dibenzofuran	132-64-9	7	14	59	350	1,000	0.0097	U	0.348		NA		NA		NA		NA		NA		NA		NA		**17.6**	**D**	**27.1**	**D**	**12.9**	**D**
Di-n-octyl phthalate	117-84-0	---	---	---	---	---	0.016	U	0.033	U	NA		NA		NA		NA		NA		NA		NA		0.681	U	0.816	U	0.888	U
Fluoranthene	206-44-0	100	100	100	500	1,000	0.151		3.16		NA		NA		NA		NA		NA		NA		NA		**139**	*D*	**223**	*D*	**136**	*D*
Fluorene	86-73-7	30	100	100	500	1,000	0.011	U	0.441		NA		NA		NA		NA		NA		NA		NA		22.1	D	**32**	**D**	17.5	D
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	6	12	0.011	U	0.022	U	NA		NA		NA		NA		NA		NA		NA		*0.681*	*U*	*0.816*	*U*	*0.888*	*U*
Indeno (1,2,3-cd) pyrene	193-39-5	0.5	0.5	0.5	5.6	11	0.0662		**0.79**		NA		NA		NA		NA		NA		NA		NA		**12.9**	**D**	**18.9**	**D**	**12**	**D**
Naphthalene	91-20-3	12	100	100	500	1,000	0.0324	J	1.1		NA		NA		NA		NA		NA		NA		NA		**29.7**	*D*	**45.6**	*D*	**25.5**	*D*
Pentachlorophenol	87-86-5	0.8	2.4	6.7	6.7	55	0.056	U	0.12	U	NA		NA		NA		NA		NA		NA		NA		*1.36*	*U*	*1.63*	*U*	*1.78*	*U*
Phenanthrene	85-01-8	100	100	100	500	1,000	0.0556		4.44		NA		NA		NA		NA		NA		NA		NA		**167**	**D**	**245**	**D**	**141**	**D**
Phenol	108-95-2	0.33	100	100	500	1,000	0.034	U	0.071	U	NA		NA		NA		NA		NA		NA		NA		*0.681*	*U*	*0.816*	*U*	*0.888*	*U*
Pyrene	129-00-0	100	100	100	500	1,000	0.202		3.07		NA		NA		NA		NA		NA		NA		NA		**124**	**D**	**205**	**D**	**110**	**D**
PESTICIDES																														
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00178	U	0.00173	U	0.00177	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00178	U	0.00173	U	0.00177	U
Aroclor 1260	11096-82-5	0.1	1	1	1	25																			0.0184	U	0.0178	U	0.0182	U
METALS																														
Aluminum	7429-90-5	---	---	---	---	---	NA		NA		NA		NA		NA		NA		1,840		2,990		7,400		7,120		4,020		4,300	
Antimony	7440-36-0	---	---	---	---	---	NA		NA		NA		NA		NA		NA		2.3	U	2.5	U	2.3	U	0.541	U	0.524	U	0.642	
Arsenic	7440-38-2	13	16	16	16	16	NA		NA		NA		NA		NA		NA		2.3	U	7.9		2.3	U	5.3		1.77		1.94	
Barium	7440-39-3	350	350	400	400	10,000	NA		NA		NA		NA		NA		NA		23	U	139		97.3		75.7		60		83.1	
Beryllium	7440-41-7	7.2	14	72	590	2,700	NA		NA		NA		NA		NA		NA		0.39		0.37		0.54		0.108	U	0.105	U	0.107	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	NA		NA		NA		NA		NA		NA		0.6	U	0.61	U	0.56	U	0.325	U	0.315	U	0.321	U
Calcium	7440-70-2	---	---	---	---	---	NA		NA		NA		NA		NA		NA		1,740		4,310		21,100		36,100		30,400		31,500	
Chromium	7440-47-3	1	22	110	400	800	NA		NA		NA		NA		NA		NA		**3.9**		**11.2**		**33.9**		**8.24**		**7.01**		**7.45**	
Cobalt	7440-48-4	---	---	---	---	---	NA		NA		NA		NA		NA		NA		5.7	U	6.1	U	5.6	U	3.07		2.66		2.68	
Copper	7440-50-8	50	270	270	270	10,000	NA		NA		NA		NA		NA		NA		2.9	U	40		23.9		12.4		7.86		10.9	
Iron	7439-89-6	---	---	---	---	---	NA		NA		NA		NA		NA		NA		2,660		9,640		14,300		13,500		6,950		6,980	
Lead	7439-92-1	63	400	400	1,000	3,900	NA		NA		18.7		**81.3**		24.7		**80.1**		13.7		**97.4**		**75.3**		**314**		**289**		**473**	
Magnesium	7439-95-4	---	---	---	---	---	NA		NA		NA		NA		NA		NA		791		1,730		3,970		2,720		2,100		2,430	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	NA		NA		NA		NA		NA		NA		93.8		32.6		300		187		127		134	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	NA		NA		NA		NA		NA		NA		0.054		0.15		**0.42**		0.0569		0.0640		0.107	
Nickel	7440-02-0	30	140	310	310	10,000	NA		NA		NA		NA		NA		NA		4.6	U	11.8		18.6		5.95		5.84		6.02	
Potassium	7440-09-7	---	---	---	---	---	NA		NA		NA		NA		NA		NA		1,100	U	1,200	U	3,580		733		894		930	
Selenium	7782-49-2	3.9	36	180	1,500	6,800	NA		NA		NA		NA		NA		NA		2	U	2.5	U	2.3	U	1.69		1.27		1.07	U
Silver	7440-22-4	2	36	180	1,500	6,800	NA		NA		NA		NA		NA		NA		0.6	U	0.61	U	0.56	U	0.541	U	0.524	U	0.536	U
Sodium	7440-23-5	---	---	---	---	---	NA		NA		NA		NA		NA		NA		1100	U	1200	U	1100	U	888		274		213	
Uranium	7440-61-1	---	---	---	---	---	NA		NA		NA		NA		NA		NA		15.2		74.1		77.2		NA		NA		NA	
Vanadium	7440-62-2	---	---	---	---	---	NA		NA		NA		NA		NA		NA		5.7	U	15		9.5		9.96		7.05		7.86	
Zinc	7440-66-6	109	2,200	100,000	10,000	10,000	NA		NA		NA		NA		NA		NA		15.2		74.1		77.2		35.9		32.2		38.3	
GENERAL CHEMISTRY																														
Solids, Percent (%)	---	---	---	---	---	---	NA		NA		NA		NA		NA		NA		NA		NA		NA		92.4		95.4		93.4	

NOTES:

1234: Exceedance detected

[1]:NYSDEC Soil Cleanup Objective Tables can be found in Tables 375-6.8(a) and 375-6.8(b) dated 14 December 2006.
U: Analyte not detected at or above the indicated level
B: analyte found in the analysis batch blank
D: result is from an analysis that required a dilution
J: Estimated Value
NA: Not Analyzed
ND: Not Detected
--- : None Established; Crtieria has not been developed for this constituent or element and is not available

TABLE 4
SUMMARY OF HISTORIC SOIL ANALYTICAL RESULTS
525 WEST 52ND STREET
New York, New York

Sample Location:		Subpart 375-6 (Revised Brownfields)[1]					LSB-3		LSB-4		LSB-5		LSB-6		LSB-7		FB-1		LSB-8A		DUP-1 (LSB-8A)		LSB-8B		LSB-9A		LSB-9B		LSB-10A		LSB-10B	
Langan Sample Number:			Protection of Public Health				003		004		005		006		007		008		003		017		004		001		002		006		005	
York Laboratory Sample Number:		Unrestricted Use	Residential	Restricted-Residential	Restricted-Commercial	Restricted Industrial	14A0168-03		14A0168-04		14A0168-05		14A0168-06		14A0168-07		14A0168-08		14J0519-03		14J0519-09		14J0519-04		14J0519-01		14J0519-02		14J0519-06		14J0519-05	
Sampling Date:							1/7/2014		1/7/2014		1/7/2014		1/7/2014		1/7/2014		1/7/2014		10/9/2014		10/9/2014		10/9/2014		10/9/2014		10/9/2014		10/9/2014		10/9/2014	
Sampling Depth (ft):							0.5		3.0		1.5		2.0		1.0				0-2		0-2		7-9		0-2		7-9		0-2		3-5	
Units:	CAS No.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	ug/L	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q
VOLATILE ORGANIC COMPOUNDS (VOCs)																																
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.056	U	0.058	U	0.069	U	0.054	U	0.057	U	40	U	*0.13*	*U*	*0.14*	*U*	*0.1*	*U*	0.056	*U*	*0.1*	*U*	*0.11*	*U*	*0.11*	*U*
Acetone	67-64-1	0.05	100	100	500	1,000	0.011	J	0.0068	J	0.016		0.0049	J	0.0028	U	**2**	**J**	0.0066	U	0.007	U	0.005	U	**0.057**		0.0051	U	0.0053	U	0.01	J
Carbon disulfide	75-15-0	—	—	—	—	—	0.0028	U	0.0029	U	0.0034	U	0.0027	U	0.0028	U	0.20	U	0.0033	U	0.0035	U	0.0025	U	0.0028	U	0.0025	U	0.0026	U	0.0028	U
Ethylbenzene	100-41-4	1	30	41	390	780	0.0028	U	0.0029	U	0.0070		0.0027	U	0.0028	U	0.20	U	0.0033	U	0.0035	U	0.0025	U	0.0028	U	0.0025	U	0.0026	U	0.0028	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.0028	U	0.0029	U	0.0034	U	0.0027	U	0.0028	U	1.0	U	0.0066	U	0.007	U	0.005	U	0.0056	U	0.014		0.0053	U	0.0057	U
Methylcyclohexane	108-87-2	—	—	—	—	—	0.0028	U	0.0029	U	0.0042	J	0.0027	U	0.0028	U	0.20	U	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	127-18-4	1.3	5.5	19	150	300	0.0028	U	0.0029	U	0.0034	U	0.0027	U	0.0028	U	0.20	U	0.0076		0.012		0.0025	U	0.0039	J	0.0025	U	0.0026	U	0.0028	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.0028	U	0.0029	U	0.0050	J	0.0027	U	0.0028	U	0.20	U	0.0033	U	0.0035	U	0.0025	U	0.0028	U	0.0025	U	0.0026	U	0.0028	U
Xylene (total)	1330-20-7	0.26	100	100	500	1,000	0.0085	U	0.0087	U	0.037		0.0081	U	0.0085	U	0.60	U	0.0098	U	0.011	U	0.0075	U	0.0084	U	0.0076	U	0.0079	U	0.0085	U
SEMI VOLATILE ORGANIC COMPOUNDS (SVOCs)																																
1,1'-Biphenyl	92-52-4	—	—	—	—	—	NA		0.372	U	1.38	J,D	0.430	J,D	0.374	U	2.50	U	0.224	U	0.222	U	0.0464	U	0.447	U	0.0448	U	0.228	U	0.471	U
2-Methylnaphthalene	91-57-6	—	—	—	—	—	NA		0.655	J,D	10.7	D	3.76	D	1.99	D	2.50	U	0.224	U	0.222	U	0.0464	U	0.447	U	0.0448	U	0.228	U	0.471	U
Acenaphthene	83-32-9	20	100	100	500	1,000	NA		1.13	J,D	13.2	D	3.01	D	2.12	D	0.0500	U	0.224	U	0.222	U	0.0464	U	0.447	U	0.0448	U	0.228	U	0.471	U
Anthracene	120-12-7	100	100	100	500	1,000	NA		1.67	D	21.2	D	3.79	D	3.23	D	0.0500	U	0.224	U	0.222	U	0.0464	U	0.447	U	0.0448	U	0.228	U	0.471	U
Benzo (a) anthracene	56-55-3	1	1	1	5.6	11	NA		**3.26**	**D**	**30.2**	**D**	**4.76**	**D**	**5.37**	**D**	0.0500	U	0.695	JD	0.858	JD	0.0464	U	0.479	JD	0.167	J	0.228	U	0.471	U
Benzo (a) pyrene	50-32-8	1	1	1	1	1.1	NA		**4.01**	**D**	**34.2**	**D**	**5.54**	**D**	**5.86**	**D**	0.0500	U	0.462	JD	0.506	JD	0.0464	U	0.447	U	0.15	J	0.228	U	0.471	U
Benzo (b) fluoranthene	205-99-2	1	1	1	5.6	11	NA		**2.94**	**D**	**18.7**	**D**	**3.97**	**D**	**5.08**	**D**	0.0500	U	0.411	JD	0.457	JD	0.0464	U	0.447	U	0.174	J	0.228	U	0.471	U
Benzo (g,h,i) perylene	191-24-2	100	100	100	500	1,000	NA		1.33	J,D	7.56	D	1.47	D	1.85	D	0.0500	U	0.448	U	0.445	U	0.0928	U	0.895	U	0.108	J	0.455	U	0.941	U
Benzo (k) fluoranthene	207-08-9	0.8	1	3.9	56	110	NA		**3.16**	**D**	**23**	**D**	**3.6**	**D**	**5.72**	**D**	0.0500	U	0.559	JD	0.543	JD	0.0464	U	0.447	U	0.179		0.228	U	0.471	U
Benzyl butyl phthalate	85-68-7	—	—	—	—	—	NA		0.372	U	0.769	U	0.361	U	0.374	U	2.50	U	0.224	U	0.222	U	0.0464	U	0.447	U	0.0448	U	0.228	U	0.471	U
Carbazole	86-74-8	—	—	—	—	—	NA		0.443	*J,D*	6.23	D	1.37	J,D	1.96	D	2.50	U	0.224	U	0.222	U	0.0464	U	0.447	*U*	0.0448	U	0.228	U	0.471	*U*
Chrysene	218-01-9	1	1	3.9	56	110	NA		**3.38**	**D**	**29**	**D**	**4.91**	**D**	**5.49**	**D**	0.0500	U	0.786	JD	0.723	JD	0.049	J	0.483	JD	0.217		0.228	U	0.471	U
Dibenzo (a,h) anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	NA		*0.372*	*U*	**4.88**	**D**	**0.433**	**J,D**	**0.602**	**J,D**	0.0500	U	0.224	U	0.222	U	0.0464	U	*0.447*	U	0.0448	U	0.228	U	*0.471*	U
Dibenzofuran	132-64-9	7	14	59	350	1,000	NA		0.384	J,D	4.19	D	1.24	J,D	1.16	J,D	2.50	U	0.224	U	0.222	U	0.0464	U	0.447	U	0.0448	U	0.228	U	0.471	U
Di-n-octyl phthalate	117-84-0	—	—	—	—	—	NA		0.449	J,D	0.769	U	0.361	U	0.374	U	2.50	U	0.224	U	0.222	U	0.0464	U	0.447	U	0.0448	U	0.228	U	0.471	U
Fluoranthene	206-44-0	100	100	100	500	1,000	NA		7.8	*D*	69	*D*	13.8	*D*	7.65	*D*	0.0500	U	1	D	1.06	D	0.0887	J	0.859	*JD*	0.543		0.264	JD	0.471	*U*
Fluorene	86-73-7	30	100	100	500	1,000	NA		0.664	J,D	8.32	D	1.92	D	1.29	J,D	0.0500	U	0.224	U	0.222	U	0.0464	U	0.447	U	0.0448	U	0.228	U	0.471	U
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	6	12	NA		*0.372*	*U*	*0.769*	*U*	*0.361*	*U*	*0.374*	*U*	0.0200	U	0.224	U	0.222	U	0.0464	U	*0.447*	U	0.0448	U	0.228	U	*0.471*	U
Indeno (1,2,3-cd) pyrene	193-39-5	0.5	0.5	0.5	5.6	11	NA		**1.42**	**J,D**	**9.08**	**D**	**1.72**	**D**	**2.14**	**D**	0.0500	U	0.306	JD	0.265	JD	0.0464	U	0.447	U	0.107	J	0.228	U	0.471	U
Naphthalene	91-20-3	12	100	100	500	1,000	NA		0.581	J,D	11.6	D	6.30	D	2.27	D	0.0500	U	0.224	*U*	0.222	*U*	0.0464	U	0.447	*U*	0.0448	U	0.228	*U*	0.471	*U*
Pentachlorophenol	87-86-5	0.8	2.4	6.7	6.7	55	NA		0.744	U	1.54	U	0.723	U	0.748	U	0.0500	U	0.448	U	0.445	U	0.0928	U	*0.895*	*U*	0.0897	U	0.455	U	*0.941*	*U*
Phenanthrene	85-01-8	100	100	100	500	1,000	NA		7.60	D	77.6	D	17.9	D	8.64	D	0.0500	U	0.589	JD	0.538	JD	0.0637	J	0.532	JD	0.363		0.228	U	0.471	U
Phenol	108-95-2	0.33	100	100	500	1,000	NA		0.372	U	0.769	U	0.361	U	0.374	U	2.50	U	0.224	U	0.222	U	0.0464	U	*0.447*	U	0.0448	U	0.228	U	*0.471*	U
Pyrene	129-00-0	100	100	100	500	1,000	NA		7.60	D	76.9	D	13.6	D	7.42	D	0.380		1.46	D	1.24	D	0.0839	J	1.06	JD	0.418		0.278	JD	0.471	U
PESTICIDES																																
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	NA		**0.0213**	**D**	0.00201	U	0.00189	U	0.00196	U	0.00103	U	0.00176	U	0.00175	U	0.00182	U	0.00176	U	0.00176	U	0.00179	U	0.00185	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	NA		**0.00811**	**D**	0.00201	U	0.00189	U	0.00196	U	0.00103	U	0.00176	U	0.00175	U	0.00182	U	0.00176	U	0.00176	U	0.00179	U	0.00185	U
Aroclor 1260	11096-82-5	0.1	1	1	1	25	NA		0.0201	U	0.0208	U	0.0195	U	0.0202	U	0.0433	U	**2.3**	**D**	**1.5**	**D**	0.0184	U	**2.54**	**D**	0.0178	U	**0.507**		0.0187	U
METALS																																
Aluminum	7429-90-5	—	—	—	—	—	NA		5,240		5,810		6,540		4,180		10	U	6720		7430		3670		4700		4590		4930		2230	
Antimony	7440-36-0	—	—	—	—	—	NA		0.898		0.611	U	0.574	U	0.792		5	U	0.759		0.529	U	0.552	U	0.876		57.6		0.542	U	0.56	U
Arsenic	7440-38-2	13	16	16	16	16	NA		3.06		3.25		3.42		2.18		4	U	5		4.7		6.34		11.1		3.73		6		4.91	
Barium	7440-39-3	350	350	400	400	10,000	NA		97.4		69.3		81.5		51.6		10	U	**1810**		**1010**		**461**		**8630**	**D**	315		330		**2370**	
Beryllium	7440-41-7	7.2	14	72	590	2,700	NA		0.118	U	0.122	U	0.115	U	0.119	U	1	U	0.107	U	0.106	U	0.11	U	0.106	U	0.107	U	0.108	U	0.112	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	NA		0.415		0.366	U	0.344	U	0.356	U	3	U	0.32	U	0.318	U	0.331	U	0.319	U	0.32	U	0.325	U	0.336	U
Calcium	7440-70-2	—	—	—	—	—	NA		43,700		50300		28,600		19,900		50	U	5600		6070		68200		10400		56200		12000		85900	
Chromium	7440-47-3	1	22	110	400	800	NA		**61.2**		**8**		**15.3**		**31.3**		*5*	*U*	**16.1**		**16.2**		**9.77**		**15.4**		**11.9**		**12.3**		**14**	
Cobalt	7440-48-4	—	—	—	—	—	NA		3.45		3.68		5.13		3.48		5	U	6.1		7.96		3.51		7.37		3.43		7.04		2.91	
Copper	7440-50-8	50	270	270	270	10,000	NA		16.9		9.59		22.5		9.33		3	U	39.9		34.4		7.49		**65.4**		10.4		41.6		11	
Iron	7439-89-6	—	—	—	—	—	NA		12,700		7,070		12,100		8,160		20	U	14300		15800		9870		21800		14400		10100		5470	
Lead	7439-92-1	63	400	400	1,000	3,900	NA		**193**		32.9		**114**		21.7		3	U	**199**		**179**		**4670**		**127**		**1490**		**762**		**4830**	
Magnesium	7439-95-4	—	—	—	—	—	NA		8,160		3,470		4,130		2,600		50	*U*	2530		3230		3340		2320		4150		2470		2860	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	NA		159		162		243		161		5	U	199		225		333		158		268		167		139	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	NA		0.166		0.0681		**0.292**		**0.188**		*0.2*	U	0.177		0.175		**0.272**		0.113		0.126		**0.215**		0.136	
Nickel	7440-02-0	30	140	310	310	10,000	NA		11.3		7.69		14.4		7.87		5	U	17.2		22.8		9.26		**41.5**		12.7		20.7		9.56	
Potassium	7440-09-7	—	—	—	—	—	NA		1300		1090		2,060		785		50	U	1530		1880		1340		927		953		1860		655	
Selenium	7782-49-2	3.9	36	180	1,500	6,800	NA		2.55		1.22	U	1.18		1.53		10	U	1.07	U	1.06	U	1.1	U	1.06	U	1.07	U	1.08	U	1.12	U
Silver	7440-22-4	2	36	180	1,500	6,800	NA		0.590	U	0.611	U	0.574	U	0.594	U	5	U	0.534	U	0.529	U	0.552	U	0.532	U	0.534	U	0.542	U	0.56	U
Sodium	7440-23-5	—	—	—	—	—	NA		232		365		270		223		141		174		153		217		215		213		78.1		131	
Uranium	7440-61-1	—	—	—	—	—	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vanadium	7440-62-2	—	—	—	—	—	NA		9.41		13.9		11.1		8.51		10	U	26.8		26.3		10		27		11.5		23.1		8.04	
Zinc	7440-66-6	109	2,200	100,000	10,000	10,000	NA		78.6		31.1		72.4		23.2		12		104		**140**		**224**		102		**164**		**425**		**668**	
GENERAL CHEMISTRY																																
Solids, Percent (%)	—	—	—	—	—	—	93.4		84.7		81.9		87.2		84.2		NA		NA		NA		NA		NA		NA		NA		NA	

NOTES:

1234: Exceedance detected

[1]:NYSDEC Soil Cleanup Objective Tables can be found in Tables 375-6.8(a) and 375-6.8(b) dated 14 December 2006.
U: Analyte not detected at or above the indicated level
B: analyte found in the analysis batch blank
D: result is from an analysis that required a dilution
J: Estimated Value
NA: Not Analyzed
ND: Not Detected
— : None Established; Crtieria has not been developed for this constituent or element and is not available

TABLE 5
SUMMARY OF HISTORIC GROUND WATER ANALYTICAL RESULTS
525 WEST 52ND STREET
New York, New York

Sample ID:		**Ground Water Quality Standards Part 703*** ug/L**	FLS-BOILERROOM-GW		FLS-STAINSOIL-GW		LMW-3		LMW-3		LMW-4		LMW-4 DUP		FB-2	
Langan Sample Number	**CAS No.**		JA62028-11		JA62028-10		001		019		002		003		004	
Laboratory Sample Number:			11/18/2010		11/18/2010		14A0195-01		14A0195-05		14A0195-02		14A0195-03		14A0195-04	
Sampling Date:			8'		10.5'		1/8/2014		1/9/2014		1/8/2014		1/8/2014		1/8/2014	
Units:			ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q
VOCs																
1,3-Dichloropropene (cis)	10061-01-5	0.4[3]	0.32	J	0.22	U	*0.20*	*U*	NA		*0.20*	*U*	*0.20*	*U*	*0.20*	*U*
1,3-Dichloropropene (trans)	10061-02-6	0.4[3]	*1*	*U*	*1*	*U*	*0.20*	*U*	NA		*0.20*	*U*	*0.20*	*U*	*0.20*	*U*
Chloroform	67-66-3	7[1]	0.44	J	0.23	U	0.20	U	NA		0.20	U	0.35	J	0.20	U
Ethylbenzene	100-41-4	5^	0.89	J	0.27	U	0.20	U	NA		0.20	U	0.20	U	0.20	U
Ethylene Dibromide	106-93-4	0.0006[1]	NA		NA		*0.20*	*U*	NA		*0.20*	*U*	*0.20*	*U*	*0.20*	*U*
Hexachlorobenzene	118-74-1	0.04[1]	NA		NA		*0.0421*	*U*	NA		0.0211	U	0.0211	U	0.0205	U
Tetrachloroethene	127-18-4	5^	1.7		0.27	U	0.20	U	NA		0.20	U	0.20	U	0.20	U
Toluene	108-88-3	5^	0.46	J	0.30	U	0.31	J	NA		0.20	U	0.20	U	0.20	U
Trichloroethene	79-01-6	5^	0.24	U	0.32	J	0.20	U	NA		0.20	U	0.20	U	0.20	U
1,2-Xylene (o-Xylene)	95-47-6	5^	0.75	J	0.25	U	0.33	J	NA		0.20	U	0.20	U	0.20	U
Xylene (p & m)	179601-23-1	5[e]	1.3		0.25	U	0.57	J	NA		0.50	U	0.50	U	0.50	U
Total Xylene	1330-20-7	5	2		0.25	U	0.90	J	NA		0.60	U	0.60	U	0.60	U
SVOCs																
2-Nitroaniline	88-74-4	5^	0.24	U	0.24	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
2,4-Dichlorophenol	120-83-2	1[7]	*1.2*	*U*	*1.2*	*U*	*5.26*	*U*	NA		*2.63*	*U*	*2.63*	*U*	*2.56*	*U*
2,4-Dimethylphenol	105-67-9	5^	1.7	U	1.7	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
2,4-Dinitrophenol	51-28-5	5^	0.74	U	0.74	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
2,4-Dinitrotoluene	121-14-2	5^	0.22	U	0.22	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
2,6-Dinitrotoluene	606-20-2	5^	0.33	U	0.33	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
3-Nitroaniline	99-09-2	5^	0.29	U	0.29	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
3,3'-Dichlorobenzidine	91-94-1	5^	0.83	U	0.83	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
4-Chloroaniline	106-47-8	5^	0.3	U	0.3	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
4-Nitroaniline	100-01-6	5^	1.1	U	1.1	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
Anthracene	120-12-7	50[4]	5.5		0.82	J	1.07		NA		0.0526	U	0.0526	U	0.0513	U
Benzo(a)anthracene	56-55-3	0.002[4]	**5.1**		**0.76**	**J**	*0.105*	*U*	NA		*0.0526*	*U*	*0.0526*	*U*	*0.0513*	*U*
Benzo(a)pyrene	50-32-8	---	5.5		0.63	J	0.105	U	NA		0.0526	U	0.0526	U	0.0513	U
Benzo(b)fluoranthene	205-99-2	0.002[4]	**4.6**		**0.8**	**J**	*0.105*	*U*	NA		*0.0526*	*U*	*0.0526*	*U*	*0.0513*	*U*
Benzo(g,h,i)perylene	191-24-2	---*	3.7		0.45	J	0.105	U	NA		0.0526	U	0.0526	U	0.0513	U
Benzo(k)fluoranthene	207-08-9	0.002[4]	**3.5**		*0.38*	*U*	*0.105*	*U*	NA		*0.0526*	*U*	*0.0526*	*U*	*0.0513*	*U*
Biphenyl	92-52-4	5^	3.1		0.42	U	*5.26*	*U*	NT		2.63	U	2.63	U	2.56	U
Bis(2-chloroethoxy)methane	111-91-1	5^	0.25	U	0.25	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
bis(2-Chloroethyl)ether	111-44-4	1[1]	0.31	U	0.31	U	*5.26*	*U*	NA		*2.63*	*U*	*2.63*	*U*	*2.56*	*U*
Chrysene	218-01-9	0.002[4]	**5.7**		**0.89**	**J**	*0.105*	*U*	NA		*0.0526*	*U*	*0.0526*	*U*	*0.0513*	*U*
Fluoranthene	206-44-0	50[4]	11.3		2.1		1.07		NA		0.0526	U	0.0526	U	0.0513	U
Fluorene	86-73-7	50[4]	5.7		1		1.39		NA		0.0526	U	0.0526	U	0.0513	U
Hexachlorobenzene	118-74-1	0.04[1]	*0.27*	*U*	*0.27*	*U*	*0.0421*	*U*	NA		0.0211	U	0.0211	U	0.0205	U
Hexachlorocyclopentadiene	77-47-4	5^	0.24	U	0.24	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
Hexachloroethane	67-72-1	5^	0.21	U	0.21	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002[4]	**3.9**		**0.41**	J	*0.105*	*U*	NA		*0.0526*	*U*	*0.0526*	*U*	*0.0513*	*U*
Naphthalene	91-20-3	10[4]	**95**		8.8		**19.0**		NA		0.0526	U	0.0526	U	0.0513	U
Nitrobenzene	98-95-3	0.4[1]	0.25	U	0.25	U	*5.26*	*U*	NA		*2.63*	*U*	*2.63*	*U*	*2.56*	*U*
Phenol	108-95-2	5^	2.9		0.58	U	*5.26*	*U*	NA		2.63	U	2.63	U	2.56	U
Pesticides							ND		ND		ND		ND		ND	
Total Endosulfan	1031-07-8	5	NA		NA		NA		0.00100	U	0.00105	U	0.00105	U	0.00103	U
Toxaphene	8001-35-2	0.06[1]	NA		NA		NA		*0.100*	*U*	*0.105*	*U*	*0.105*	*U*	*0.103*	*U*
Polychlorinated biphenyls (PCBs)	1336-36-3	0.09[9]	NA		NA		NA		ND		ND		ND		ND	
Total Metals																
Iron	7439-89-6	300[1]	NA		NA		**1,360**		NA		**900**		147		20.0	U
Magnesium	7439-95-4	35,000[4]	NA		NA		18,700		NA		**38,000**		**36,600**		50.0	U
Selenium	7782-49-2	10[1]	NA		NA		7.08		NA		**17.3**		**16.8**		1.00	U
Sodium	7440-23-5	20,000[1]	NA		NA		**214,000**		NA		**612,000**	**D**	**641,000**	**D**	199	
Dissolved Metals																
Magnesium	7439-95-4	35000	NA		NA		17800		NT		**37,800**		**36,900**		50	U
Selenium	7782-49-2	10	NA		NA		7.04		NT		**17.4**		**17.2**		1.00	U
Sodium	7440-23-5	20000	NA		NA		**216,000**		NT		**629,000**		**612,000**		107	

NOTES:

10 :Exceedance Detected

***NYSDEC Groundwater Criteria are a combination of values from Part 703 if the NYS Code and TAGM 4046. Most values are generic screening values, however where contaminant specific criteria have been established they are used in this table.

Sample data were provided in the Phase II Investigation Report, 363 Bond Street by ELM dated May 2005.

Italicized results indicate values in which the reporting limit (RL) exceed the criteria.

J: Estimated value

U: Indicates that the result is lower than the RL.

^: the principal organic contaminant standard for groundwater of 5 ug/L applies to this substance. Value found in Table 1 of Part 703.5 Water Quality Standards Surface Waters and Groundwater NYSDEC

[1]: Value found in Table 1 of Part 703.5 Water Quality Standards Surface Waters and Groundwater NYSDEC

[3]: Value applies to the sum of cis- and trans-1,3-dichloropropene, CAS Nos. 10061-01-5 and 10061-02-6, respectively. Value found in Table 1 of Part 703.5 Water Quality Standards Surface Waters and Groundwater NYSDEC

---*: No value found. Substance listed in Table 3 of TOGS (Partial List of Substances Not Regulated By The Principal Organic Contaminant Groundwater Standard) June 1998

[4]: Value found in Table 1 of TOGS NYS Ambient Water Quality Standards and Guidance Values, June 1998. Value given as guidance value since no standard value was given

TABLE 6
SUMMARY OF HISTORIC SOIL VAPOR ANALYTICAL RESULTS
525 WEST 52ND STREET
New York, New York

Sample ID:		NYSDOH Background Standards - Indoor Air - Upper Fence	EPA 90th Percentile Indoor Air	LSV-1		LSV-2		LSV-3		LSV-4		LSV-5		DUP-3		Ambient		LSV-6		LSV-7	
Langan Sample Number:				017		015		014		012		018		013		—					
Lab Sample Number:				14A0217-01		14A0217-02		14A0217-03		14A0217-04		14A0217-05		14A0217-06		14A0217-07		14J0499-02		14J0503-06	
Sampling Date:				1/9/2014		1/9/2014		1/9/2014		1/9/2014		1/9/2014		1/9/2014		1/9/2014		10/10/2014		10/10/2014	
Sampling Depth (in):				6.00		2.00		6.00		5.00		6.00		5.00		NA					
Units:	CAS No.	ug/m3	ug/m3	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q
VOCs																					
1.1.1-TRICHLOROETHANE	71-55-6																				
1,1,1-Trichloroethane	71-55-6	2.5	20.6	*11*	U	*10*	U	*9.5*	U	*10*	U	*11*	U	*10*	U	0.55	U	0.98		*6.9*	U
1,1,2,2-Tetrachloroethane	79-34-5	0.4	—	*13*	U	*13*	U	*12*	U	*13*	U	*14*	U	*13*	U	*0.70*	U	*0.72*	U	*8.6*	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	2.5	3.5	*15*	U	*15*	U	*13*	U	*14*	U	*15*	U	*14*	U	1.2		*0.81*	U	*9.7*	U
1,1,2-Trichloroethane	79-00-5	0.4	<1.5	*11*	U	*10*	U	*9.5*	U	*10*	U	*11*	U	*10*	U	*0.55*	U	*0.57*	U	*6.9*	U
1,1-Dichloroethane	75-34-3	0.4	<0.7	*7.8*	U	*7.7*	U	*7.0*	U	*7.5*	U	*8.0*	U	*7.5*	U	*0.41*	U	*0.43*	U	*5.1*	U
1,1-Dichloroethylene	75-35-4	0.4	<1.4	*7.7*	U	*7.5*	U	*6.9*	U	*7.4*	U	*7.8*	U	*7.4*	U	*0.40*	U	*0.42*	U	*5*	U
1,2,4-Trichlorobenzene	120-82-1	0.5	<6.8	*14*	U	*14*	U	*13*	U	*14*	U	*15*	U	*14*	U	*0.75*	U	*0.78*	U	*9.4*	U
1,2,4-Trimethylbenzene	95-63-6	9.8	9.50	*9.5*	U	9.3	U	8.5	U	9.2	U	*9.7*	U	9.2	U	0.50	U	**35**		**120**	
1,2-Dibromoethane	106-93-4	0.4	<1.5	*15*	U	*15*	U	*13*	U	*14*	U	*15*	U	*14*	U	*0.78*	U	*0.81*	U	*9.7*	U
1,2-Dichlorobenzene	95-50-1	0.5	<1.2	*12*	U	*11*	U	*10*	U	*11*	U	*12*	U	*11*	U	*0.61*	U	*0.63*	U	*7.6*	U
1,2-Dichloroethane	107-06-2	0.4	<0.9	*7.8*	U	*7.7*	U	*7.0*	U	*7.5*	U	*8.0*	U	*7.5*	U	*0.41*	U	*0.43*	U	*5.1*	U
1,2-Dichloropropane	78-87-5	0.4	<1.6	*8.9*	U	*8.8*	U	*8.0*	U	*8.6*	U	*9.1*	U	*8.6*	U	*0.47*	U	*0.49*	U	*5.8*	U
1,2-Dichlorotetrafluoroethane	76-14-2	0.4	<6.8	*14*	U	*13*	U	*12*	U	*13*	U	*14*	U	*13*	U	*0.71*	U	*0.74*	U	*8.8*	U
1,3,5-Trimethylbenzene	108-67-8	3.9	—	*9.5*	U	*9.3*	U	*8.5*	U	*9.2*	U	*9.7*	U	*9.2*	U	0.50	U	**5.2**		**15.00**	
1,3-Butadiene	106-99-0	—	<3.0	**39**	**D**	*8.2*	U	*7.5*	U	*8.1*	U	*8.5*	U	*8.1*	U	0.44	U	0.46	U	*5.5*	U
1,3-Dichlorobenzene	541-73-1	0.5	<2.4	*12*	U	*11*	U	*10*	U	*11*	U	*12*	U	*11*	U	*0.61*	U	0.63	U	*7.6*	U
1,4-Dichlorobenzene	106-46-7	1.2	5.50	*12*	U	*11*	U	*10*	U	*11*	U	*12*	U	*11*	U	0.61	U	0.63	U	*7.6*	U
1,4-Dioxane	123-91-1	—	—	7.0	U	6.8	U	6.3	U	6.7	U	7.1	U	6.7	U	0.37	U	*0.38*	U	*4.5*	U
2-Butanone	78-93-3	16	12	**31**	**D**	5.6	U	5.1	U	5.5	U	8.7	D	5.5	U	3.2		5.7		11	
2-Hexanone	591-78-6	—	—	7.9	U	7.8	U	7.1	U	7.6	U	8.1	U	7.6	U	0.42	U	*0.86*	U	*10*	U
4-Methyl-2-pentanone	108-10-1	1.9	6.0	**29**	**D**	**8.6**	**D**	*7.1*	U	*7.6*	U	*8.1*	U	*7.6*	U	0.46		0.43	U	*5.2*	U
Acetone	67-64-1	115	98.9	**380**	**D**	42	D	38	D	42	D	38	D	8.9	D	12		58		**160**	
Benzene	71-43-2	13	9.4	**43**	**D**	6.1	U	5.5	U	6.0	U	6.3	U	6.0	U	1.6		2.6		8.5	
Benzyl chloride	100-44-7	—	<6.8	*10*	U	*9.8*	U	*9.0*	U	*9.7*	U	*10*	U	*9.7*	U	0.53	U	0.55	U	6.5	U
Bromodichloromethane	75-27-4	—	—	12	U	12	U	11	U	12	U	12	U	12	U	0.63	U	*0.65*	U	*7.8*	U
Bromoform	75-25-2	—	—	20	U	20	U	18	U	19	U	20	U	19	U	1.1	U	*1.1*	U	*13*	U
Bromomethane	74-83-9	0.50	<1.7	*7.5*	U	*7.4*	U	*6.7*	U	*7.2*	U	*7.7*	U	*7.2*	U	0.39	U	0.41	U	*4.9*	U
Carbon disulfide	75-15-0	—	4.2	**13**	**D**	*5.9*	U	*5.4*	U	*5.8*	U	*6.1*	U	*5.8*	U	0.92		1.3		3.9	U
Carbon tetrachloride	56-23-5	1.3	<1.3	*6.1*	U	*6.0*	U	*5.5*	U	*5.9*	U	*6.2*	U	*5.9*	U	0.90		0.17	U	*2*	U
Chlorobenzene	108-90-7	0.4	<0.9	*8.9*	U	*8.7*	U	*8.0*	U	*8.6*	U	*9.1*	U	*8.6*	U	*0.47*	U	*0.49*	U	*5.8*	U
Chloroethane	75-00-3	0.4	<1.1	*5.1*	U	*5.0*	U	*4.6*	U	*4.9*	U	*5.2*	U	*4.9*	U	0.27	U	0.28	U	*3.3*	U
Chloroform	67-66-3	1.2	1.10	*9.4*	U	*9.3*	U	*8.5*	U	*9.1*	U	*9.6*	U	*9.1*	U	0.50	U	**1.5**		*6.2*	U
Chloromethane	74-87-3	4.2	3.7	**4.8**	**D**	*3.9*	U	3.6	U	*3.8*	U	*4.1*	U	*3.8*	U	1.6		0.63		2.6	U
cis-1,2-Dichloroethylene	156-59-2	0.4	<1.9	*7.7*	U	*7.5*	U	*6.9*	U	*7.4*	U	*7.8*	U	*7.4*	U	*0.40*	U	*0.42*	U	*5*	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	—	*8.8*	U	*8.6*	U	*7.9*	U	*8.5*	U	*8.9*	U	*8.5*	U	*0.46*	U	*0.48*	U	*5.7*	U
Cyclohexane	110-82-7	6.3	—	**13**	**D**	*6.5*	U	6.0	U	*6.4*	U	*6.8*	U	*6.4*	U	0.63		0.62		4.3	U
Dibromochloromethane	124-48-1	—	—	**16**	**U**	15	U	14	U	15	U	16	U	15	U	0.82	U	0.85	U	10	U
Dichlorodifluoromethane	75-71-8	10	16.5	**11**	**D**	9.4	U	8.6	U	9.2	U	9.7	U	9.2	U	3.2		1.7		6.2	U
Ethyl acetate	141-78-6	—	5.4	*7.0*	U	*6.8*	U	*6.3*	U	*6.7*	U	*7.1*	U	*6.7*	U	2.0		0.76	U	*9.1*	U
Ethyl Benzene	100-41-4	6.4	5.7	**31**	**D**	*8.2*	U	*7.5*	U	*8.1*	U	*8.6*	U	*8.1*	U	0.44	U	**8.3**		**16**	
Hexachlorobutadiene	87-68-3	0.5	<6.8	*21*	U	*20*	U	*19*	U	*20*	U	*21*	U	*20*	U	*1.1*	U	*1.1*	U	*13*	U
Isopropanol	67-63-0	—	250	140	D	66	D	38	D	26	D	78	D	4.6	U	1.7		1.7		8.4	
Methyl Methacrylate	80-62-6	0.4	—	*7.9*	U	*7.8*	U	*7.1*	U	*7.6*	U	*8.1*	U	*7.6*	U	*0.42*	U	*0.43*	U	*5.2*	U
Methyl tert-butyl ether (MTBE)	1634-04-4	14	11.50	7.0	U	6.8	U	6.3	U	6.7	U	7.1	U	6.7	U	0.37	U	0.38	U	4.5	U
Methylene chloride	75-09-2	16	10.0	**110**	**B,D**	9.9	B,D	**16**	**B,D**	**16**	**B,D**	**12**	**B,D**	**22**	**B,D**	1.5	B	3		8.8	U
n-Heptane	142-82-5	18	—	**27**	**D**	7.8	U	7.1	U	7.6	U	8.1	U	7.6	U	1.0		3.7		**32**	
n-Hexane	110-54-3	14	10.2	**50**	**D**	6.7	U	6.1	U	6.6	U	6.9	U	6.6	U	1.6		4.7		**77**	
o-Xylene	95-47-6	7.1	7.9	**21**	**D**	*8.2*	U	*7.5*	U	*8.1*	U	*8.6*	U	*8.1*	U	0.44	U	**10**		**21**	
p- & m- Xylenes	179601-23-1	11	—	**55**	**D**	*16*	U	*15*	U	*16*	U	*17*	U	*16*	U	0.88	U	**36**		**62**	
p-Ethyltoluene	622-96-8	—	3.60	*48*	U	*47*	U	*43*	U	*46*	U	*48*	U	*46*	U	2.5	U	**16**		**40**	
Propylene	115-07-1	—	—	140	D	3.3	U	3.0	U	3.2	U	3.4	U	3.2	U	0.18	U	*0.18*	U	*2.2*	U
Styrene	100-42-5	1.40	1.9	**9.9**	**D**	*8.1*	U	*7.4*	U	*7.9*	U	*8.4*	U	*7.9*	U	0.43	U	0.45	U	*5.4*	U
Tetrachloroethylene	127-18-4	2.50	15.9 to 100*	**13**	**D**	*13*	U	*12*	U	*13*	U	**21**	**D**	*13*	U	1.2		**28**		**21**	
Tetrahydrofuran	109-99-9	0.80	—	*5.7*	U	**6.7**	**D**	*5.1*	U	*5.5*	U	*5.8*	U	*5.5*	U	0.30	U	0.31	U	*3.7*	U
Toluene	108-88-3	57	43	**120**	**D**	7.2	D	6.5	U	8.4	D	17	D	8.4	D	2.0		**49**		**72**	
trans-1,2-Dichloroethylene	156-60-5	—	—	7.7	U	7.5	U	6.9	U	7.4	U	7.8	U	7.4	U	0.40	U	*0.42*	U	*5*	U
trans-1,3-Dichloropropylene	10061-02-6	—	—	8.8	U	8.6	U	7.9	U	8.5	U	8.9	U	8.5	U	0.46	U	*0.48*	U	*5.7*	U
Trichloroethylene	79-01-6	0.50	4.2	*5.2*	U	*5.1*	U	*4.7*	U	*5.0*	U	*5.3*	U	*5.0*	U	0.27	U	0.34		*1.7*	U
Trichlorofluoromethane (Freon 11)	75-69-4	12	18.1	**12**	**D**	**440**	**D**	**25**	**D**	10	U	11	U	10	U	1.5		**30**		7.8	
Vinyl acetate	108-05-4	—	—	6.8	U	6.7	U	6.1	U	6.6	U	6.9	U	6.6	U	0.36	U	*0.37*	U	*4.4*	U
Vinyl Chloride	75-01-4	0.40	<1.9	*4.9*	U	*4.9*	U	*4.4*	U	*4.8*	U	*5.0*	U	*4.8*	U	0.26	U	0.067	U	*0.81*	U

NOTES:

1: NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes (Upper Fence criteria)

2: USEPA 2001: Building Assessment and Survey Evaluation (BASE) Database using Summa Cannister Method

* Upper range based on NYSDOH Air Guideline Values as published in the NYSDOH Soil Vapor Intrusion Guidance dated October 2006 October 2006.

—: Not included in study

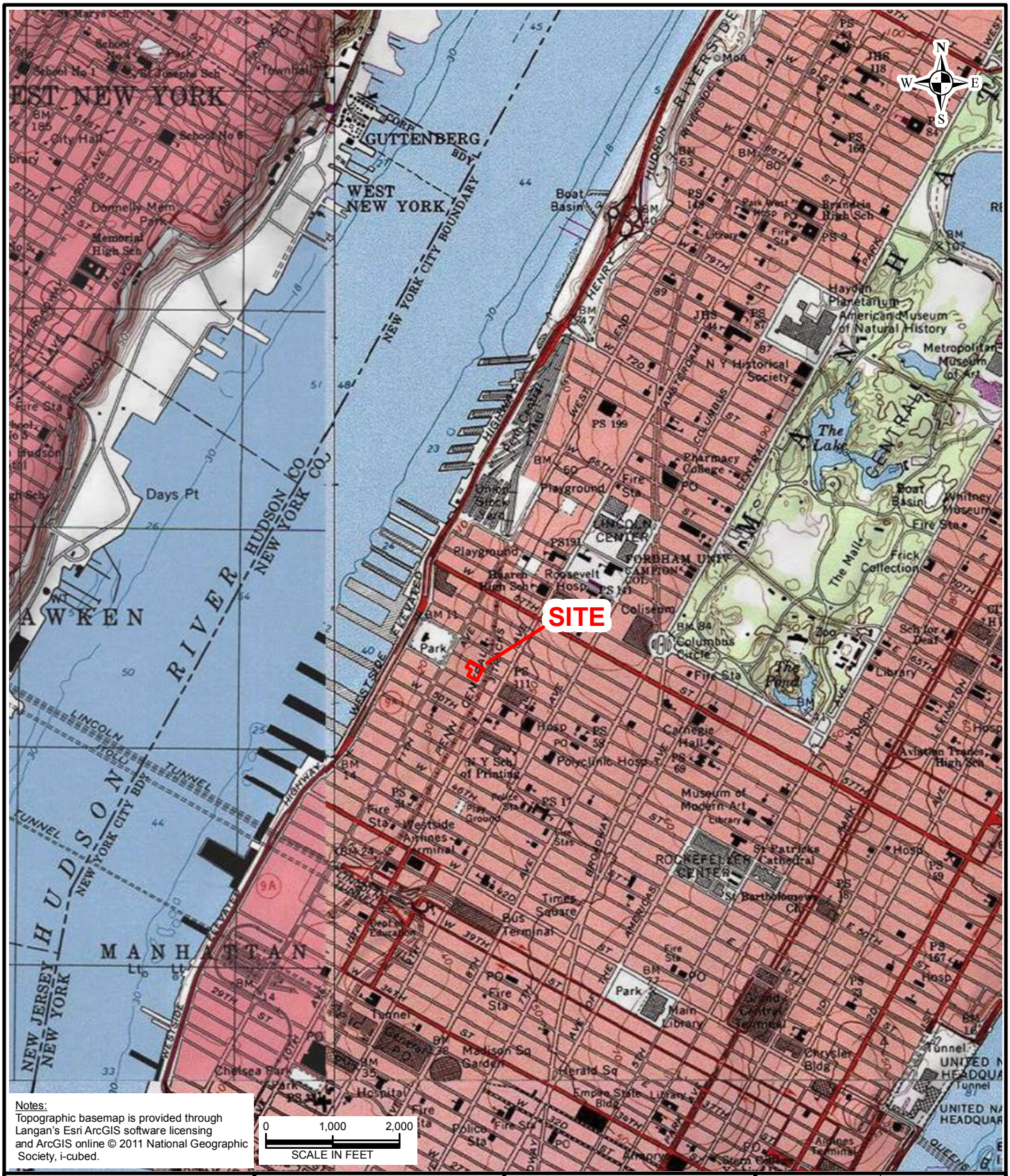
U: Indicates that the result is lower than the MDL.

J: Estimated Value

B: Analyte found in the analysis batch blank

D: Result is from an analysis that required a dilution

FIGURES


SITE
N
S
E
W
EAST NEW YORK
GUTTENBERG
WEST NEW YORK
NEW YORK CITY BOUNDARY
HUDSON RIVER
NEW YORK CO
HUDSON CO
Days Pt
MANHATTAN
NEW JERSEY
NEW YORK
Boat Basin
Donnelly Mem Park
Memorial High Sch
City Hall
School No 6
School No 1
Fire Sta
Playground
Park
Hospital
Police Sta
Tunnel
LINCOLN TUNNEL
NEW YORK CITY BDY
WESTSIDE ELEVATED HIGHWAY
HENRY HUDSON PARKWAY
RIVERSIDE DRIVE
Haydn Planetarium
American Museum of Natural History
N Y Historical Society
Metropolitan Museum of Art
The Lake
The Mall
Frick Collection
Whitney Museum
Lincoln Center
Fordham Univ
Roosevelt Hospital
Columbus Circle
Coliseum
Zoo
The Pond
Carnegie Hall
Museum of Modern Art
Rockefeller Center
St Patricks Cathedral
St Bartholomew Ch
Times Square
Bus Terminal
Madison Sq Garden
Herald Sq
Empire State Bldg
Main Library
Grand Central Terminal
Chrysler Bldg
UNITED NATIONS HEADQUARTERS
Brandeis High Sch
Aviation Trades High Sch
Sch for Deaf
Pharmacy College
Lincoln Square
Fire Sta
Playground
PS 199
PS 111
PS 58
PS 69
PS 17
PS 167
PS 191
PS 87
PS 9
PS 84
PS 169
PS 149
PS 51
JHS 118
JHS 44
Hosp
Library
Police Sta
Fire Sta
Westside Airlines Terminal
N Y Sch of Printing
Polyclinic Hosp
Hearen High Sch
Union Stock Yard
Chelsea Park
Tunnel
Fire Sta
Park
Playground
Hospital
Police Sta
Fire Sta
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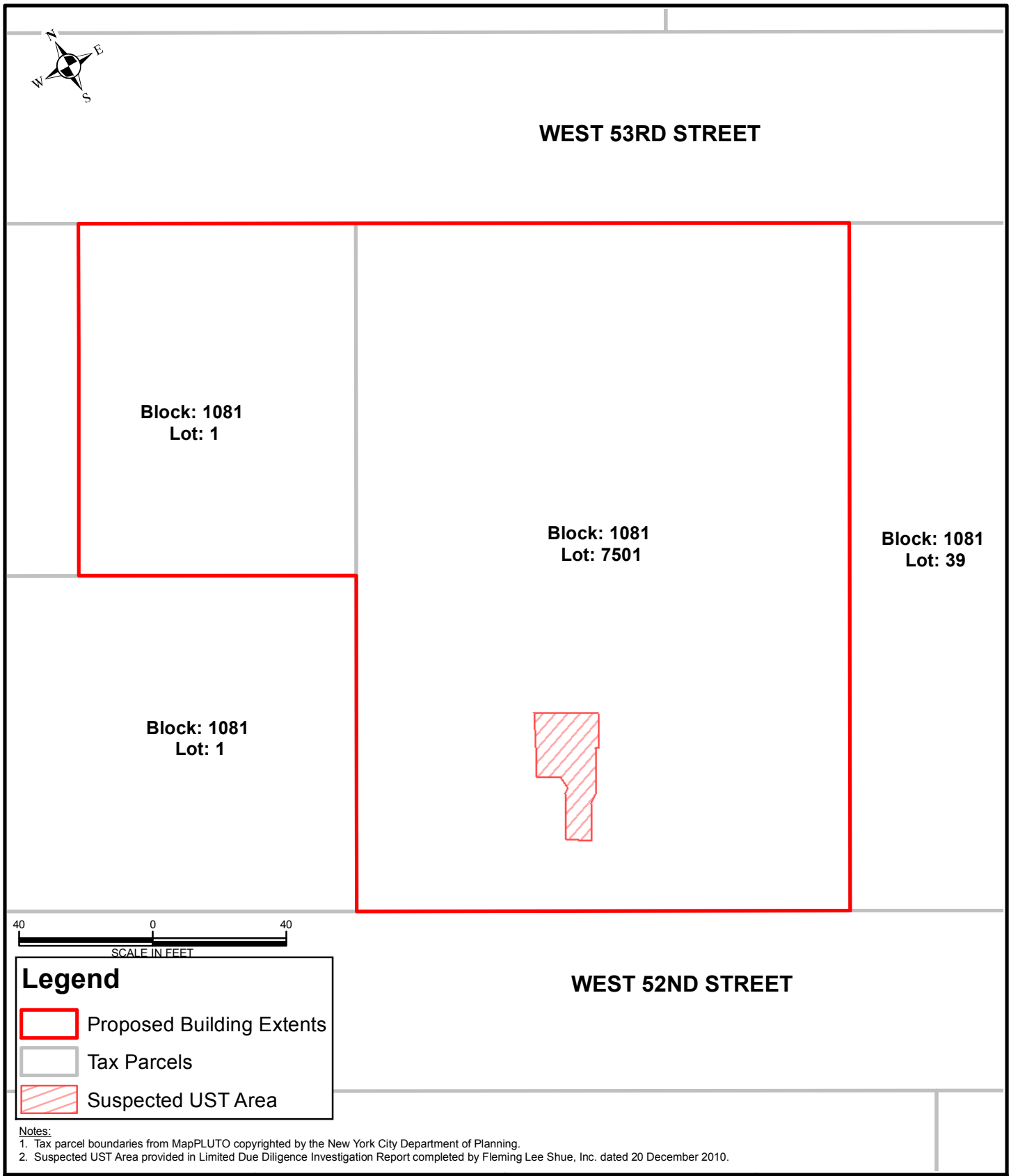

Notes:
1. Tax parcel boundaries from MapPLUTO copyrighted by the New York City Department of Planning.
2. Suspected UST Area provided in Limited Due Diligence Investigation Report completed by Fleming Lee Shue, Inc. dated 20 December 2010.

LANGAN
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Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
525 WEST 52ND ST
BLOCK No. 1081
LOT Nos. 7501 & 1 (Portion)
MANHATTAN
NEW YORK COUNTY NEW YORK

Drawing Title
SITE PLAN

Project No.	100396701
Date	10/22/2014
Scale	1"=40'
Drawn By	ATR
Last Revised	10/22/2014

Figure 2

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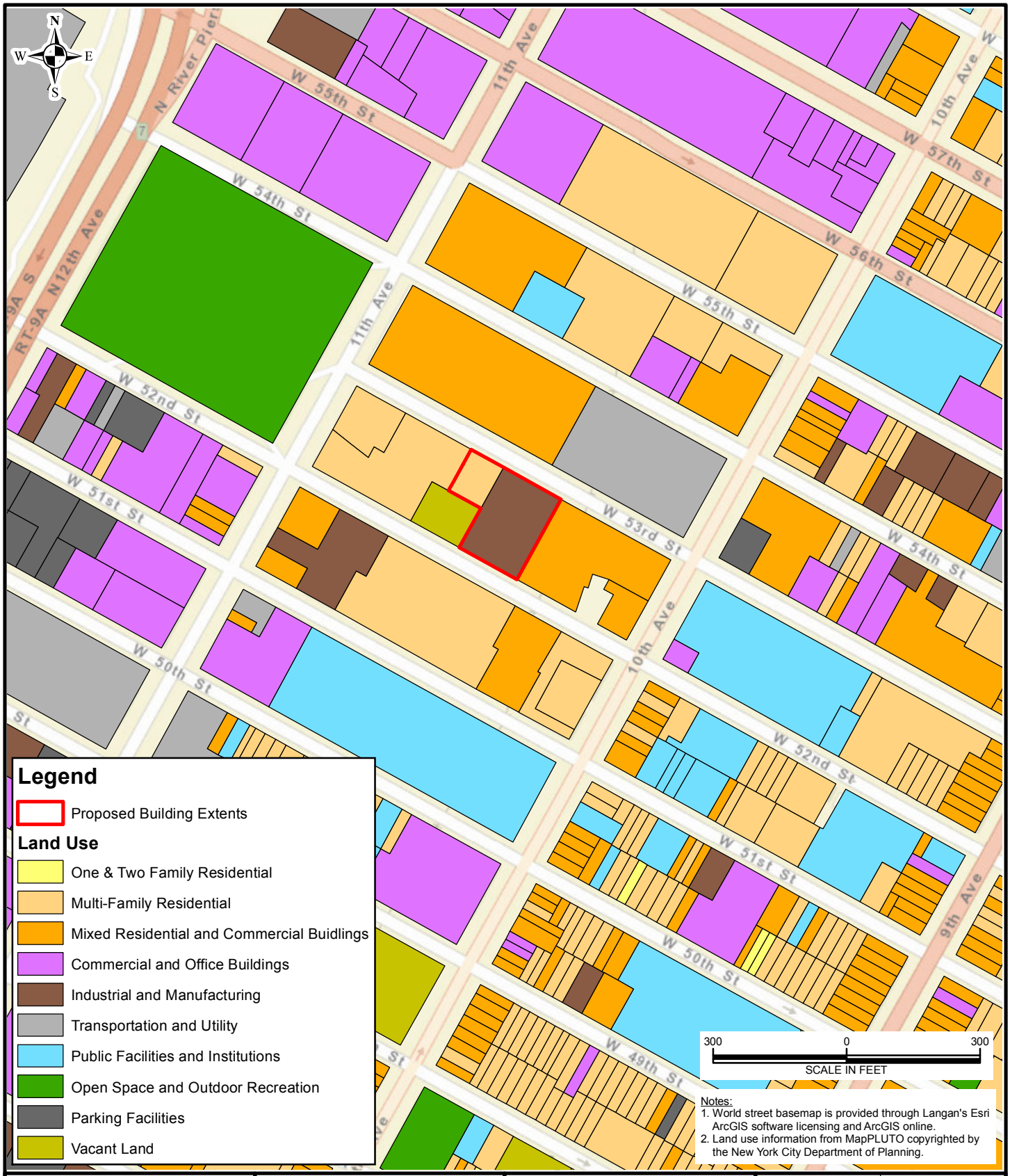
Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\2014-10 - NYCOER RIR (Revised)\Figure 2 - Site Plan.mxd



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Project
525 WEST 52ND ST
BLOCK No. 1081
LOT Nos. 7501 & 1 (Portion)
MANHATTAN
NEW YORK COUNTY NEW YORK

Drawing Title
SURROUNDING LAND USE MAP

Project No.	100396701
Date	10/17/2014
Scale	1"=300'
Drawn By	ATR
Last Revised	10/22/2014

Figure 3

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Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\2014-10 - NYCOER RIR (Revised)\Figure 3 - Surrounding Land Use Map.mxd

Notes:
1. Tax parcel boundaries from MapPLUTO copyrighted by the New York City Department of Planning.
2. Historic sample locations and suspected UST Area extents provided in Limited Due Diligence Investigation Report completed by Fleming Lee Shue, Inc. dated 20 December 2010.

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Project
525 WEST 52ND ST
BLOCK No. 1081
LOT Nos. 7501 & 1 (Portion)
MANHATTAN
NEW YORK COUNTY NEW YORK

Drawing Title
SAMPLE LOCATION PLAN

Project No.	100396701
Date	10/22/2014
Scale	1"=40'
Drawn By	ATR
Last Revised	10/22/2014
Figure	4

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Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\2014-10 - NYCOER RIR (Revised)\Figure 4 - Sample Location Plan.mxd

Notes:
1. Tax parcel boundaries from MapPLUTO copyrighted by the New York City Department of Planning.
2. Historic sample locations and data and suspected UST Area extents provided in Limited Due Diligence Investigation Report completed by Fleming Lee Shue, Inc. dated 20 December 2010.

Sample Location:	LSB-9A	LSB-9B
Langan Sample Number:	001	002
York Laboratory Sample Number:	14J0519-01	14J0519-02
Sampling Date:	10/9/2014	10/9/2014
Sampling Depth (ft):	0-2	7-9
Units:	mg/kg Q	mg/kg Q
VOLATILE ORGANIC COMPOUNDS (VOCs)		
Acetone	**0.057**	0.0051 U
PESTICIDES		
Aroclor 1260	**2.54 D**	0.0178 U
METALS		
Barium	**8630 D**	315
Chromium	**15.4**	**11.9**
Copper	**65.4**	10.4
Lead	**127**	**1490**
Nickel	**41.5**	12.7
Zinc	102	**164**

Sample Location:	LSB-10A	LSB-10B
Langan Sample Number:	006	005
York Laboratory Sample Number:	14J0519-06	14J0519-05
Sampling Date:	10/9/2014	10/9/2014
Sampling Depth (ft):	0-2	3-5
Units:	mg/kg Q	mg/kg Q
PESTICIDES		
Aroclor 1260	**0.507**	0.0187 U
METALS		
Barium	330	**2370**
Chromium	**12.3**	**14**
Lead	**762**	**4830**
Mercury	**0.215**	0.136
Zinc	**425**	**668**

Sample Location:	LSB-8A	DUP-1 (LSB-8A)	LSB-8B
Langan Sample Number:	003	017	004
York Laboratory Sample Number:	14J0519-03	14J0519-09	14J0519-04
Sampling Date:	10/9/2014	10/9/2014	10/9/2014
Sampling Depth (ft):	0-2	0-2	7-9
Units:	mg/kg Q	mg/kg Q	mg/kg Q
PESTICIDES			
Aroclor 1260	**2.3 D**	**1.5 D**	0.0184 U
METALS			
Barium	**1810**	**1010**	461
Chromium	**16.1**	**16.2**	9.77
Lead	**199**	179	**4670**
Mercury	0.177	0.175	**0.272**
Zinc	104	140	**224**

Sample Location:	LSB-4
Langan Sample Number:	004
York Laboratory Sample Number:	14A0168-04
Sampling Date:	1/7/2014
Sampling Depth (ft):	
Units:	mg/kg Q
Semi Volatile Organic Compounds (SVOCs)	
Benzo (a) anthracene	**3.26 D**
Benzo (a) pyrene	**4.01 D**
Benzo (b) fluoranthene	**2.94 D**
Benzo (k) fluoranthene	**3.16 D**
Chrysene	**3.38 D**
Indeno (1,2,3-cd) pyrene	**1.42 J,D**
Pesticides	
4,4'-DDE	**0.0213 D**
4,4'-DDT	**0.00811 D**
Metals	
Chromium	**61.2**
Lead	**193**

Sample Location:	FLS-FD-1
York Laboratory Sample Number:	JA62028-7
Sampling Date:	11/18/2010
Sampling Depth (ft):	2'
Units:	mg/kg Q
Metals	
Chromium	**3.9**

Sample Location:	LSB-5
Langan Sample Number:	005
York Laboratory Sample Number:	14A0168-05
Sampling Date:	1/7/2014
Sampling Depth (ft):	
Units:	mg/kg Q
Semi Volatile Organic Compounds (SVOCs)	
Benzo (a) anthracene	**30.2 D**
Benzo (a) pyrene	**34.2 D**
Benzo (b) fluoranthene	**18.7 D**
Benzo (k) fluoranthene	**23.0 D**
Chrysene	**29.0 D**
Dibenzo (a,h) anthracene	**4.88 D**
Indeno (1,2,3-cd) pyrene	**9.08 D**
Metals	
Chromium	**8.23**

Sample Location:	FLS-UST-2
Langan Sample Number:	
York Laboratory Sample Number:	JA62028-3
Sampling Date:	11/18/2010
Sampling Depth (ft):	3.5'
Units:	mg/kg Q
Metals	
Lead	**81.3**

Sample Location:	LSB-1
Langan Sample Number:	001
York Laboratory Sample Number:	14A0168-01
Sampling Date:	1/7/2014
Sampling Depth (ft):	
Units:	mg/kg Q
Semi Volatile Organic Compounds (SVOCs)	
Acenaphthene	**30.0 D**
Benzo (a) anthracene	**52.7 D**
Benzo (a) pyrene	**51.2 D**
Benzo (b) fluoranthene	**41.1 D**
Benzo (k) fluoranthene	**49.2 D**
Chrysene	**47.4 D**
Dibenzo (a,h) anthracene	**6.89 D**
Dibenzofuran	**17.6 D**
Fluoranthene	**139 D**
Indeno (1,2,3-cd) pyrene	**12.9 D**
Naphthalene	**29.7 D**
Phenanthrene	**167 D**
Pyrene	**124 D**
Metals	
Chromium	**8.24**
Lead	**314**

Sample Location:	LSB-2	DUP (LSB-2DUP)
Langan Sample Number:	002	009
York Laboratory Sample Number:	14A0168-02	14A0168-09
Sampling Date:	1/7/2014	1/7/2014
Sampling Depth (ft):		
Units:	mg/kg Q	mg/kg Q
Semi Volatile Organic Compounds (SVOCs)		
Acenaphthene	**44.7 J,D**	**25.4 D**
Benzo (a) anthracene	**87.3 D**	**44.0 D**
Benzo (a) pyrene	**83.9 D**	**48.6 D**
Benzo (b) fluoranthene	**62.5 J,D**	**40.1 D**
Benzo (k) fluoranthene	**70.4 D**	**35.6 D**
Chrysene	**84.8 D**	**42.9 D**
Dibenzo (a,h) anthracene	**9.90 D**	**5.85 D**
Dibenzofuran	**27.1 D**	**12.9 D**
Fluoranthene	**223 D**	**136 D**
Fluorene	**32.0 D**	17.5 D
Indeno (1,2,3-cd) pyrene	**18.9 D**	**12.0 D**
Naphthalene	**45.6 D**	**25.5 D**
Phenanthrene	**245 D**	**141 D**
Pyrene	**205 D**	**110 D**
Metals		
Chromium	**7.01**	**7.45**
Lead	**289**	**473**

Sample Location:	FLS-FD-2
York Laboratory Sample Number:	JA62028-8
Sampling Date:	11/18/2010
Sampling Depth (ft):	2.5
Units:	mg/kg Q
Metals	
Chromium	**11.2**
Lead	**97.4**

Sample Location:	FLS-FD-3
York Laboratory Sample Number:	JA62028-9
Sampling Date:	11/18/2010
Sampling Depth (ft):	2'
Units:	mg/kg Q
Metals	
Chromium	**33.9**
Lead	**75.3**
Mercury	**0.42**

Sample Location:	FLS-UST-4
York Laboratory Sample Number:	JA62028-4
Sampling Date:	11/18/2010
Sampling Depth (ft):	2'
Units:	mg/kg Q
Metals	
Lead	**80.1**

Sample Location:	LSB-6
Langan Sample Number:	006
York Laboratory Sample Number:	14A0168-06
Sampling Date:	1/7/2014
Sampling Depth (ft):	
Units:	mg/kg Q
Semi Volatile Organic Compounds (SVOCs)	
Benzo (a) anthracene	**4.76 D**
Benzo (a) pyrene	**5.54 D**
Benzo (b) fluoranthene	**3.97 D**
Benzo (k) fluoranthene	**3.60 D**
Chrysene	**4.91 D**
Dibenzo (a,h) anthracene	**0.433 J,D**
Indeno (1,2,3-cd) pyrene	**1.72 D**
Metals	
Chromium	**15.3**
Lead	**114**
Mercury	**0.292**

Sample Location:	LSB-7
Langan Sample Number:	007
York Laboratory Sample Number:	14A0168-07
Sampling Date:	1/7/2014
Sampling Depth (ft):	
Units:	mg/kg Q
Semi Volatile Organic Compounds (SVOCs)	
Benzo (a) anthracene	**5.37 D**
Benzo (a) pyrene	**5.86 D**
Benzo (b) fluoranthene	**5.08 D**
Benzo (k) fluoranthene	**5.72 D**
Chrysene	**5.49 D**
Dibenzo (a,h) anthracene	**0.602 J,D**
Indeno (1,2,3-cd) pyrene	**2.14 D**
Metals	
Chromium	**31.3**
Mercury	**0.188**

Sample Location:	FLS-STAINSOIL
York Laboratory Sample Number:	JA62028-2
Sampling Date:	11/18/2010
Sampling Depth (ft):	3'
Units:	mg/kg Q
Semi Volatile Organic Compounds (SVOCs)	
Benzo (a) anthracene	**1.57**
Benzo (a) pyrene	**1.33**
Benzo (b) fluoranthene	**1.66**
Benzo (k) fluoranthene	**0.814**
Chrysene	**1.62**
Dibenzo (a,h) anthracene	**0.371**
Indeno (1,2,3-cd) pyrene	**2.14 D**
Metals	
Chromium	**31.3**
Mercury	**0.188**

	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives mg/kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential mg/kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted mg/kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial mg/kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial mg/kg
VOLATILE ORGANIC COMPOUNDS (VOCs)					
Acetone	0.05	100	100	500	1,000
Semi Volatile Organic Compounds (SVOCs)					
Acenaphthene	20	100	100	500	1,000
Benzo (a) anthracene	1	1	1	5.6	11
Benzo (a) pyrene	1	1	1	1	1.1
Benzo (b) fluoranthene	1	1	1	5.6	11
Benzo (k) fluoranthene	0.8	1	3.9	56	110
Chrysene	1	1	3.9	56	110
Dibenzo (a,h) anthracene	0.33	0.33	0.33	0.56	1.1
Dibenzofuran	7	14	59	350	1,000
Fluoranthene	100	100	100	500	1,000
Fluorene	30	100	100	500	1,000
Indeno (1,2,3-cd) pyrene	0.5	0.5	0.5	5.6	11
Naphthalene	12	100	100	500	1,000
Phenanthrene	100	100	100	500	1,000
Pyrene	100	100	100	500	1,000
Pesticides					
4,4'-DDE	0.0033	1.8	8.9	62	120
4,4'-DDT	0.0033	1.7	7.9	47	94
Aroclor 1260	0.1	1	1	1	25
Metals					
Barium	350	350	400	400	10,000
Chromium	1	22	110	400	800
Copper	50	270	270	270	10,000
Lead	63	400	400	1,000	3,900
Mercury	0.18	0.81	0.81	2.8	5.7
Nickel	30	140	310	310	10,000
Zinc	109	2,200	100,000	10,000	10,000

Block: 1082
Lot: 1

WEST 53RD STREET

Block: 1081
Lot: 1

Block: 1081
Lot: 7501

Block: 1081
Lot: 39

TENTH AVENUE

WEST 52ND STREET

Block: 1080
Lot: 80

LSB-10
LSB-8/LSV-6
LSB-9/LSV-7
LSB-1/LMW-1
LSV-1
LSB-2/LMW-2
LSB-3
LSV-5
FLS-FD-2
LSV-2
LSB-4
FLS-FD-1
FLS-BOILER ROOM
LSB-6/LMW-4
FLS-FD-3
LSV-3
LSV-4
FLS-UST-3
FLS-UST-4
LSB-5/LMW-3
FLS-UST-2
FLS-UST-1
LSB-7
FLS-STAIN SOIL

N W E S

50 0 50
SCALE IN FEET

Legend

- Proposed Building Extents
- Soil Boring
- Soil Boring/Monitoring Well
- Soil Boring/Soil Vapor Point
- Soil Vapor Point
- Fleming Lee Shue, Inc. Soil Boring
- Tax Parcels
- Suspected UST Area

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Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
525 WEST 52ND ST
BLOCK 1081
LOT Nos. 7501 & 1 (Portion)
MANHATTAN
NEW YORK COUNTY NEW YORK

Drawing Title
SOIL ANALYTICAL RESULTS

Project No. 100396701	Figure 5
Date 10/22/2014	
Scale 1"=50'	
Drawn By ATR	
Last Revised 10/22/2014	

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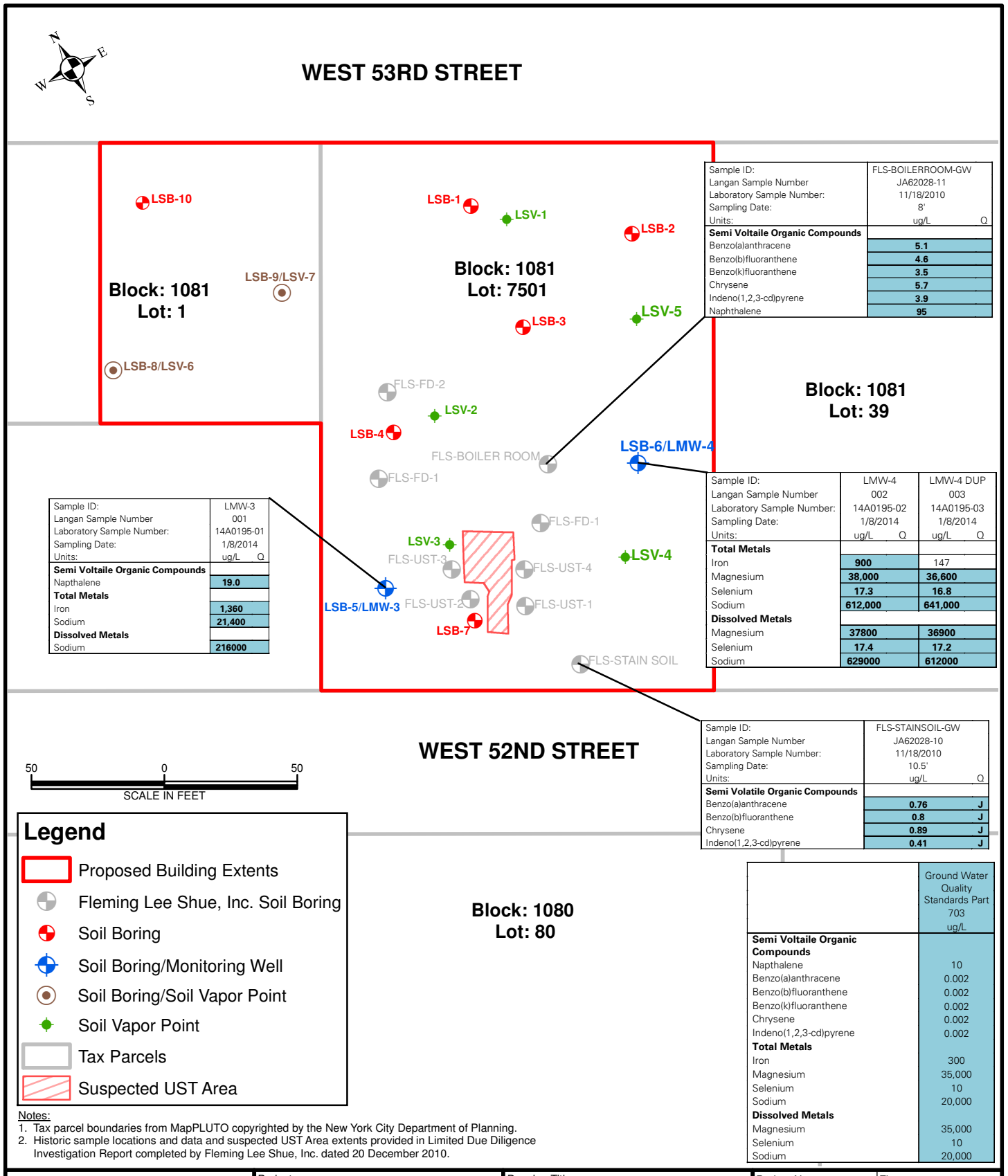
Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\2014-10 - NYCOER RIR (Revised)\Figure 5 - Soil Analytical Results.mxd



Sample ID:	FLS-BOILERROOM-GW
Langan Sample Number	JA62028-11
Laboratory Sample Number:	11/18/2010
Sampling Date:	8'
Units:	ug/L Q
Semi Voltaile Organic Compounds	
Benzo(a)anthracene	5.1
Benzo(b)fluoranthene	4.6
Benzo(k)fluoranthene	3.5
Chrysene	5.7
Indeno(1,2,3-cd)pyrene	3.9
Naphthalene	95

Sample ID:	LMW-4	LMW-4 DUP
Langan Sample Number	002	003
Laboratory Sample Number:	14A0195-02	14A0195-03
Sampling Date:	1/8/2014	1/8/2014
Units:	ug/L Q	ug/L Q
Total Metals		
Iron	900	147
Magnesium	38,000	36,600
Selenium	17.3	16.8
Sodium	612,000	641,000
Dissolved Metals		
Magnesium	37800	36900
Selenium	17.4	17.2
Sodium	629000	612000

Sample ID:	LMW-3
Langan Sample Number	001
Laboratory Sample Number:	14A0195-01
Sampling Date:	1/8/2014
Units:	ug/L Q
Semi Voltaile Organic Compounds	
Napthalene	19.0
Total Metals	
Iron	1,360
Sodium	21,400
Dissolved Metals	
Sodium	216000

Sample ID:	FLS-STAINSOIL-GW
Langan Sample Number	JA62028-10
Laboratory Sample Number:	11/18/2010
Sampling Date:	10.5'
Units:	ug/L Q
Semi Volatile Organic Compounds	
Benzo(a)anthracene	0.76 J
Benzo(b)fluoranthene	0.8 J
Chrysene	0.89 J
Indeno(1,2,3-cd)pyrene	0.41 J

Legend

- Proposed Building Extents
- Fleming Lee Shue, Inc. Soil Boring
- Soil Boring
- Soil Boring/Monitoring Well
- Soil Boring/Soil Vapor Point
- Soil Vapor Point
- Tax Parcels
- Suspected UST Area

	Ground Water Quality Standards Part 703 ug/L
Semi Voltaile Organic Compounds	
Napthalene	10
Benzo(a)anthracene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Total Metals	
Iron	300
Magnesium	35,000
Selenium	10
Sodium	20,000
Dissolved Metals	
Magnesium	35,000
Selenium	10
Sodium	20,000

Notes:
1. Tax parcel boundaries from MapPLUTO copyrighted by the New York City Department of Planning.
2. Historic sample locations and data and suspected UST Area extents provided in Limited Due Diligence Investigation Report completed by Fleming Lee Shue, Inc. dated 20 December 2010.

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LOT Nos. 7501 & 1 (Portion)
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NEW YORK COUNTY NEW YORK

Drawing Title
GROUNDWATER ANALYTICAL RESULTS

Project No. 100396701
Figure 6
Date 10/22/2014
Scale 1"=50'
Drawn By ATR
Last Revised 10/22/2014

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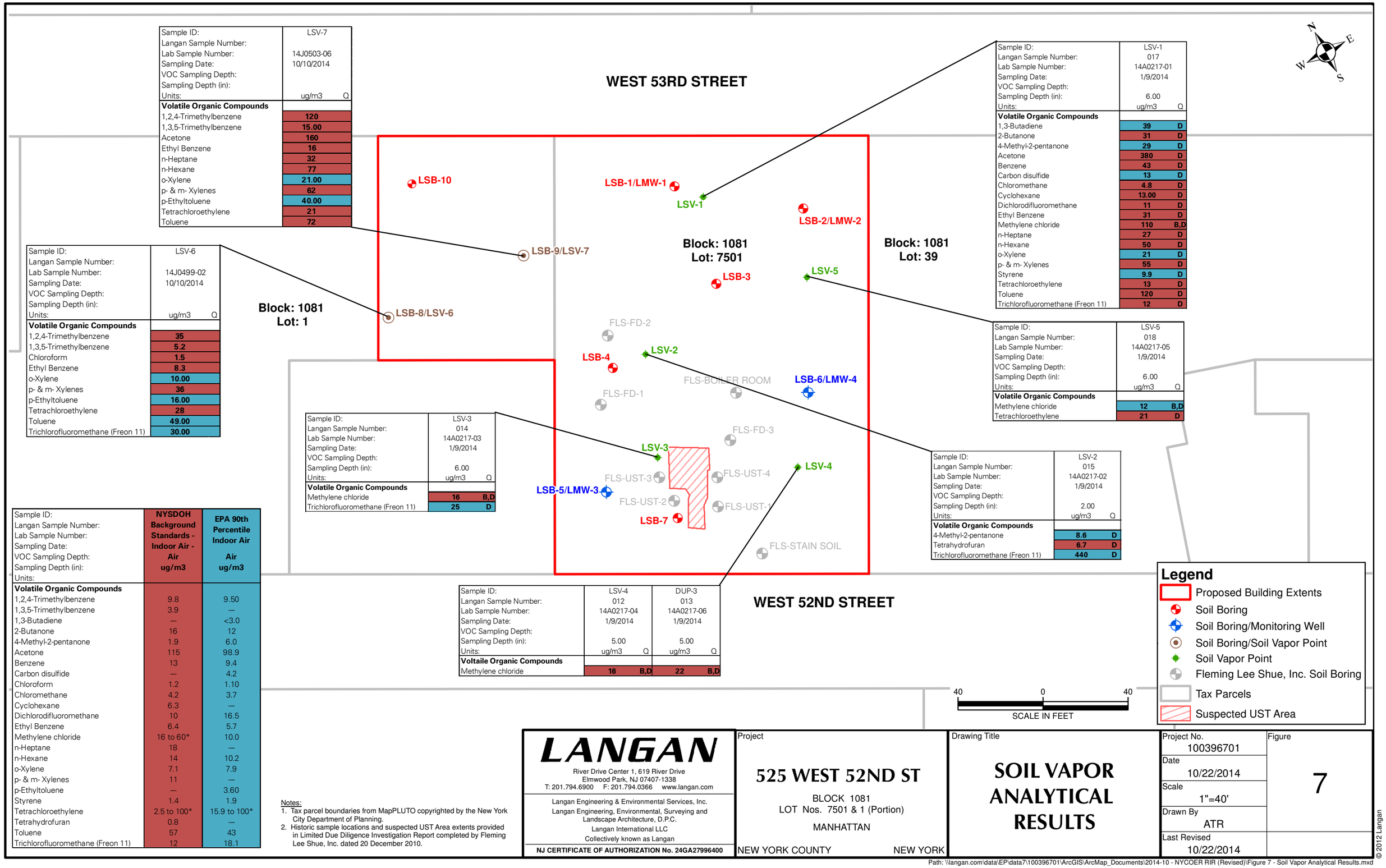
Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\2014-10 - NYCOER RIR (Revised)\Figure 6 - Groundwater Analytical Results.mxd



Sample ID:	LSV-7	
Langan Sample Number:		
Lab Sample Number:	14J0503-06	
Sampling Date:	10/10/2014	
VOC Sampling Depth:		
Sampling Depth (in):		
Units:	ug/m3	Q
Volatile Organic Compounds		
1,2,4-Trimethylbenzene	**120**	
1,3,5-Trimethylbenzene	**15.00**	
Acetone	**160**	
Ethyl Benzene	**16**	
n-Heptane	**32**	
n-Hexane	**77**	
o-Xylene	**21.00**	
p- & m- Xylenes	**62**	
p-Ethyltoluene	**40.00**	
Tetrachloroethylene	**21**	
Toluene	**72**	

Sample ID:	LSV-1	
Langan Sample Number:	017	
Lab Sample Number:	14A0217-01	
Sampling Date:	1/9/2014	
VOC Sampling Depth:		
Sampling Depth (in):	6.00	
Units:	ug/m3	Q
Volatile Organic Compounds		
1,3-Butadiene	**39**	**D**
2-Butanone	**31**	**D**
4-Methyl-2-pentanone	**29**	**D**
Acetone	**380**	**D**
Benzene	**43**	**D**
Carbon disulfide	**13**	**D**
Chloromethane	**4.8**	**D**
Cyclohexane	**13.00**	**D**
Dichlorodifluoromethane	**11**	**D**
Ethyl Benzene	**31**	**D**
Methylene chloride	**110**	**B,D**
n-Heptane	**27**	**D**
n-Hexane	**50**	**D**
o-Xylene	**21**	**D**
p- & m- Xylenes	**55**	**D**
Styrene	**9.9**	**D**
Tetrachloroethylene	**13**	**D**
Toluene	**120**	**D**
Trichlorofluoromethane (Freon 11)	**12**	**D**

Sample ID:	LSV-6	
Langan Sample Number:		
Lab Sample Number:	14J0499-02	
Sampling Date:	10/10/2014	
VOC Sampling Depth:		
Sampling Depth (in):		
Units:	ug/m3	Q
Volatile Organic Compounds		
1,2,4-Trimethylbenzene	**35**	
1,3,5-Trimethylbenzene	**5.2**	
Chloroform	**1.5**	
Ethyl Benzene	**8.3**	
o-Xylene	**10.00**	
p- & m- Xylenes	**36**	
p-Ethyltoluene	**16.00**	
Tetrachloroethylene	**28**	
Toluene	**49.00**	
Trichlorofluoromethane (Freon 11)	**30.00**	

Sample ID:	LSV-5	
Langan Sample Number:	018	
Lab Sample Number:	14A0217-05	
Sampling Date:	1/9/2014	
VOC Sampling Depth:		
Sampling Depth (in):	6.00	
Units:	ug/m3	Q
Volatile Organic Compounds		
Methylene chloride	**12**	**B,D**
Tetrachloroethylene	**21**	**D**

Sample ID:	LSV-3	
Langan Sample Number:	014	
Lab Sample Number:	14A0217-03	
Sampling Date:	1/9/2014	
VOC Sampling Depth:		
Sampling Depth (in):	6.00	
Units:	ug/m3	Q
Volatile Organic Compounds		
Methylene chloride	**16**	**B,D**
Trichlorofluoromethane (Freon 11)	**25**	**D**

Sample ID:	LSV-2	
Langan Sample Number:	015	
Lab Sample Number:	14A0217-02	
Sampling Date:	1/9/2014	
VOC Sampling Depth:		
Sampling Depth (in):	2.00	
Units:	ug/m3	Q
Volatile Organic Compounds		
4-Methyl-2-pentanone	**8.6**	**D**
Tetrahydrofuran	**6.7**	**D**
Trichlorofluoromethane (Freon 11)	**440**	**D**

Sample ID:	LSV-4	DUP-3
Langan Sample Number:	012	013
Lab Sample Number:	14A0217-04	14A0217-06
Sampling Date:	1/9/2014	1/9/2014
VOC Sampling Depth:		
Sampling Depth (in):	5.00	5.00
Units:	ug/m3 Q	ug/m3 Q
Voltaile Organic Compounds		
Methylene chloride	**16** **B,D**	**22** **B,D**

Sample ID:	NYSDOH Background Standards - Indoor Air - Air ug/m3	EPA 90th Percentile Indoor Air Air ug/m3
Langan Sample Number:		
Lab Sample Number:		
Sampling Date:		
VOC Sampling Depth:		
Sampling Depth (in):		
Units:		
Volatile Organic Compounds		
1,2,4-Trimethylbenzene	9.8	9.50
1,3,5-Trimethylbenzene	3.9	—
1,3-Butadiene	—	<3.0
2-Butanone	16	12
4-Methyl-2-pentanone	1.9	6.0
Acetone	115	98.9
Benzene	13	9.4
Carbon disulfide	—	4.2
Chloroform	1.2	1.10
Chloromethane	4.2	3.7
Cyclohexane	6.3	—
Dichlorodifluoromethane	10	16.5
Ethyl Benzene	6.4	5.7
Methylene chloride	16 to 60*	10.0
n-Heptane	18	—
n-Hexane	14	10.2
o-Xylene	7.1	7.9
p- & m- Xylenes	11	—
p-Ethyltoluene	—	3.60
Styrene	1.4	1.9
Tetrachloroethylene	2.5 to 100*	15.9 to 100*
Tetrahydrofuran	0.8	—
Toluene	57	43
Trichlorofluoromethane (Freon 11)	12	18.1

Legend

- Proposed Building Extents
- Soil Boring
- Soil Boring/Monitoring Well
- Soil Boring/Soil Vapor Point
- Soil Vapor Point
- Fleming Lee Shue, Inc. Soil Boring
- Tax Parcels
- Suspected UST Area

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Project
525 WEST 52ND ST
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LOT Nos. 7501 & 1 (Portion)
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NEW YORK COUNTY NEW YORK

Drawing Title
SOIL VAPOR ANALYTICAL RESULTS

Project No.	Figure
100396701	7
Date: 10/22/2014	
Scale: 1"=40'	
Drawn By: ATR	
Last Revised: 10/22/2014	

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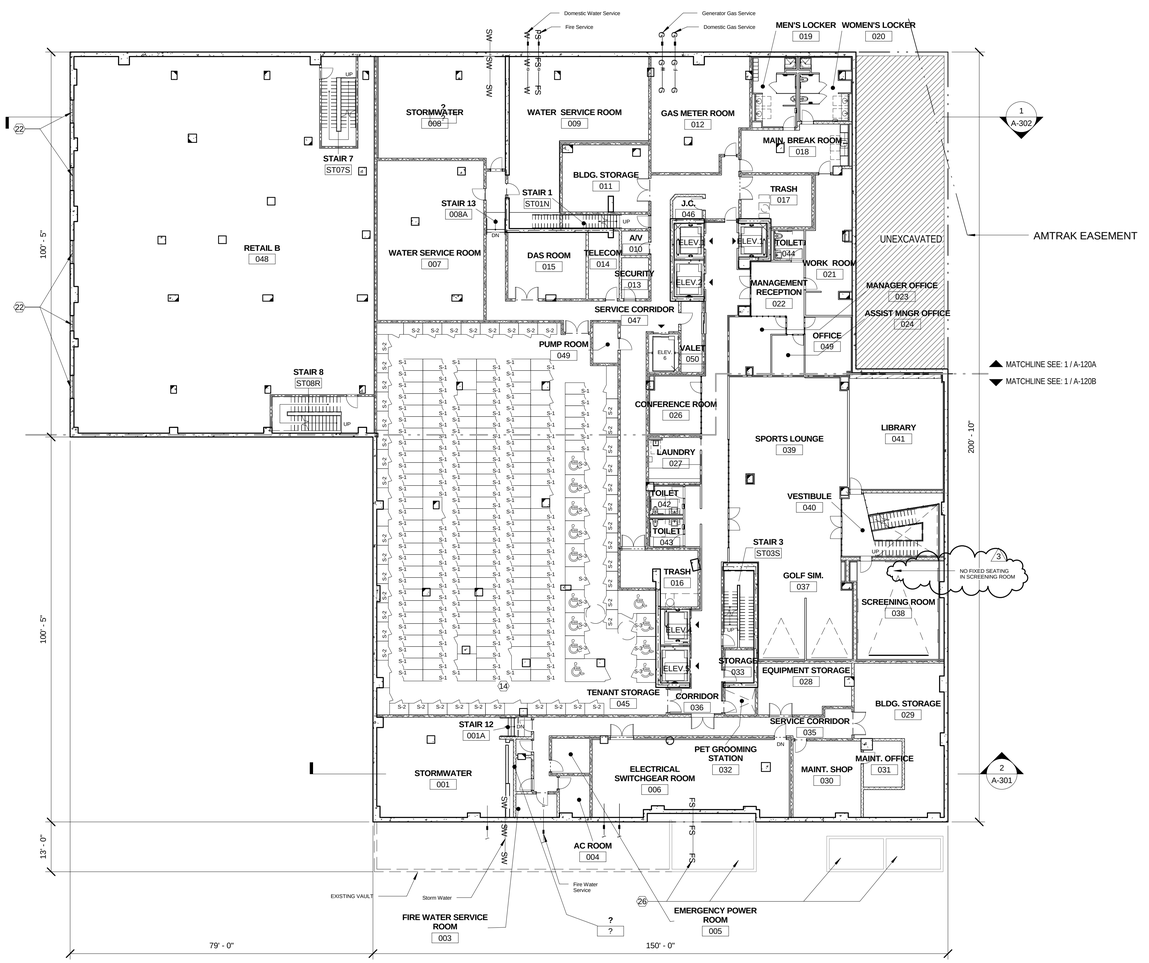
Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\2014-10 - NYCOER RIR (Revised)\Figure 7 - Soil Vapor Analytical Results.mxd

APPENDIX A

ARCHITECTURAL DRAWINGS



1 LEVEL CELLAR
1/16" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED W22.2 U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE W22.1 U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE W21.0 U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE S22.2 U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE P21.0 U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE P22.2 U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE F22.0 U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

9/17/2014 6:43:36 PM

525 WEST 52ND ST

RITTERMAN CAPITAL/TACONIC INVESTMENT

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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/25/14	DOB Filing Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
	06/23/14	DOB Filing Set #2
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

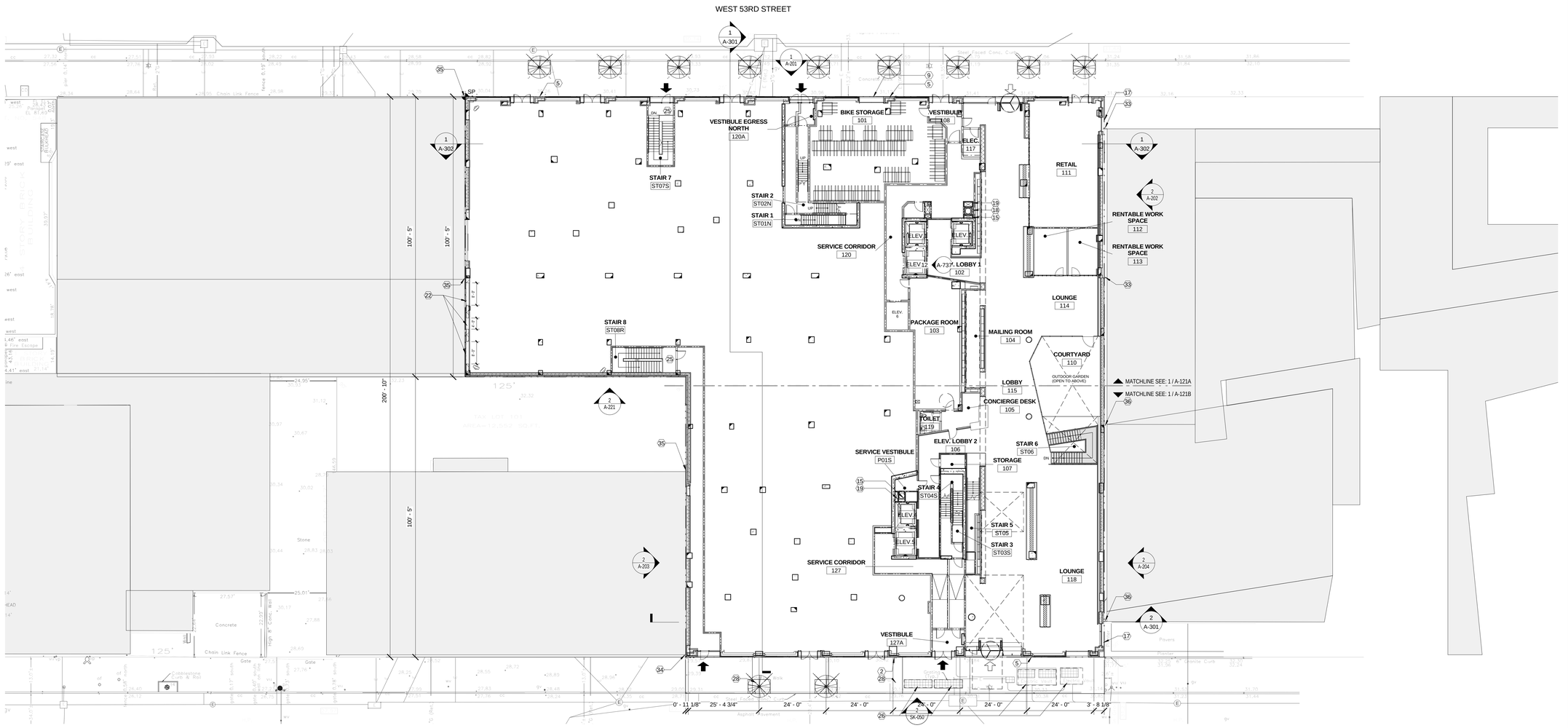
FLOOR - CELLAR PLAN

DRAWING TITLE:

DRAWN BY: YK, MB	SCALE: 1/16" = 1'-0"
CHECKED BY: AS	PROJECT NO. 821
DATE: SEE REV SCHED	

DRAWING NO. A-100 .00

STAMP
NYC DOB NO: 121185626



1 LEVEL 1
1/16" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PRROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
CORRIDOR TO UNIT DEMISING WALL 2HRS.
UNIT TO UNIT DEMISING WALL 1HR.
SHAFT WALL 2HRS.
STAIR AND ELEVATOR WALL 2HRS.
MECHANICAL AND ELECTRICAL ROOMS 2HRS.
*RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/25/14	DOB Filing Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
	06/23/14	DOB Filing Set #2
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 1 PLAN

DRAWING TITLE:

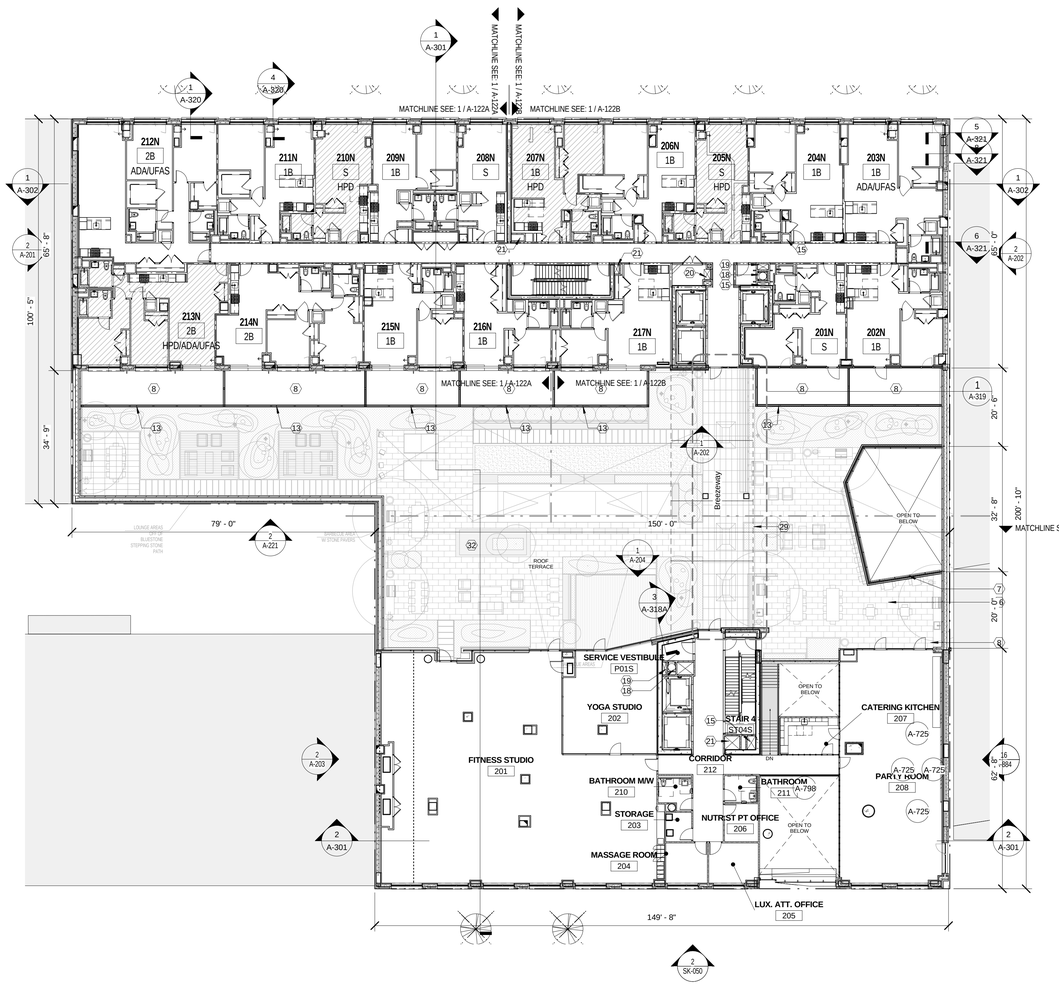
YK, MB	1/16" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-101 .00

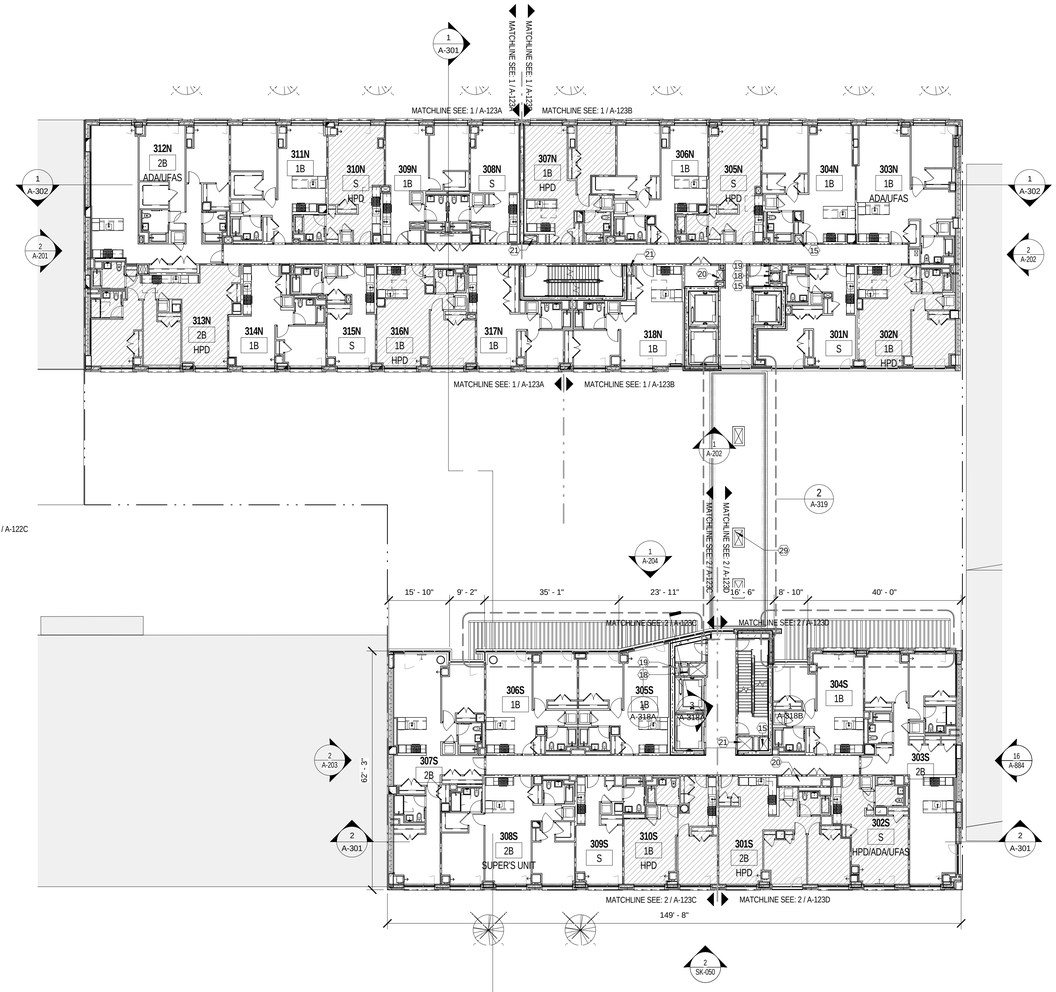
STAMP

DRAWING NO.

NYC DOB NO: 121185626



1 LEVEL 2
1/16" = 1'-0"



2 LEVEL 3
1/16" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED W22.2 U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE W22.1 U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE W21.0 U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE: S22.2 U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE: P21.0 U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE P22.2 U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE F22.0 U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
CORRIDOR TO UNIT DEMISING WALL 2HRS.
UNIT TO UNIT DEMISING WALL 1HR.
SHAFT WALL 2HRS.
STAIR AND ELEVATOR WALL 2HRS.
MECHANICAL AND ELECTRICAL ROOMS 2HRS.
*RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

9/17/2014 6:44:27 PM

525 WEST 52ND ST

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Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2881

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

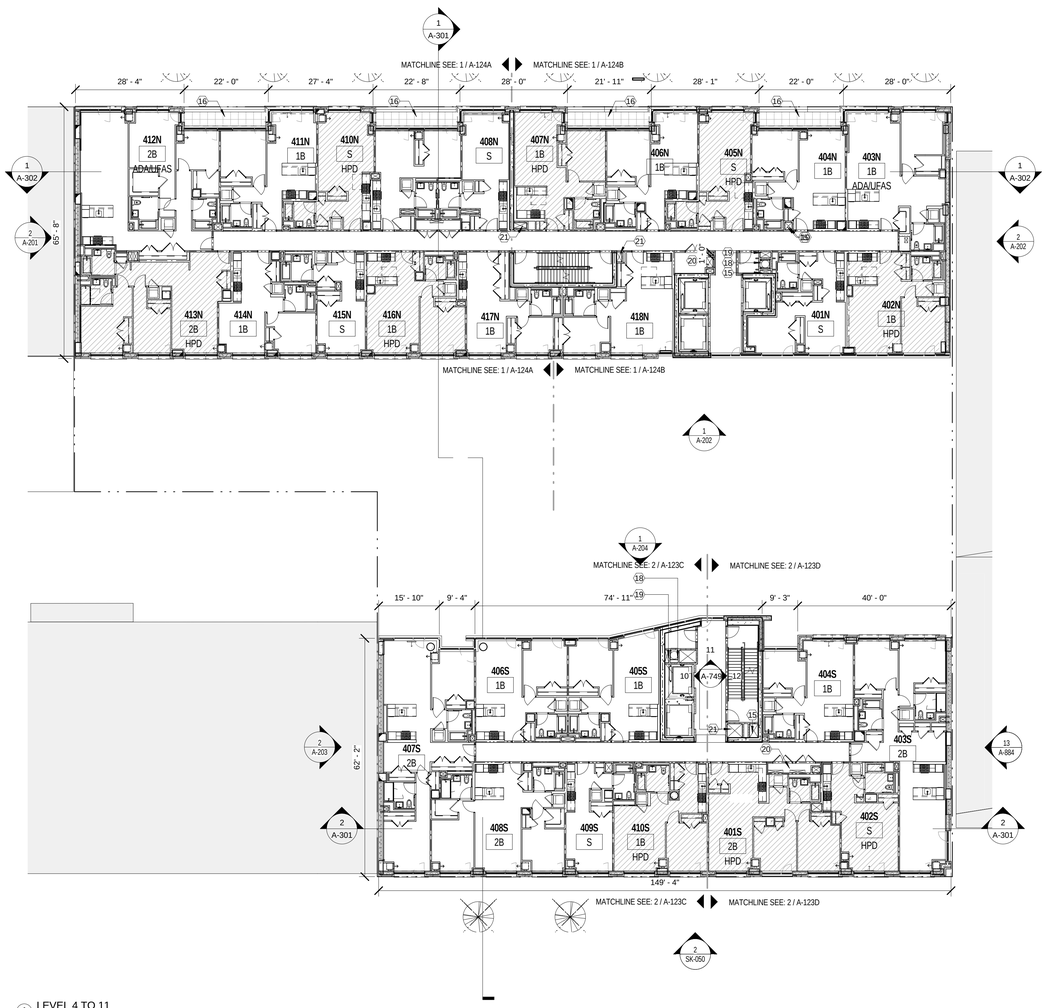
NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/25/14	DOB Filing Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
	06/23/14	DOB Filing Set #2
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

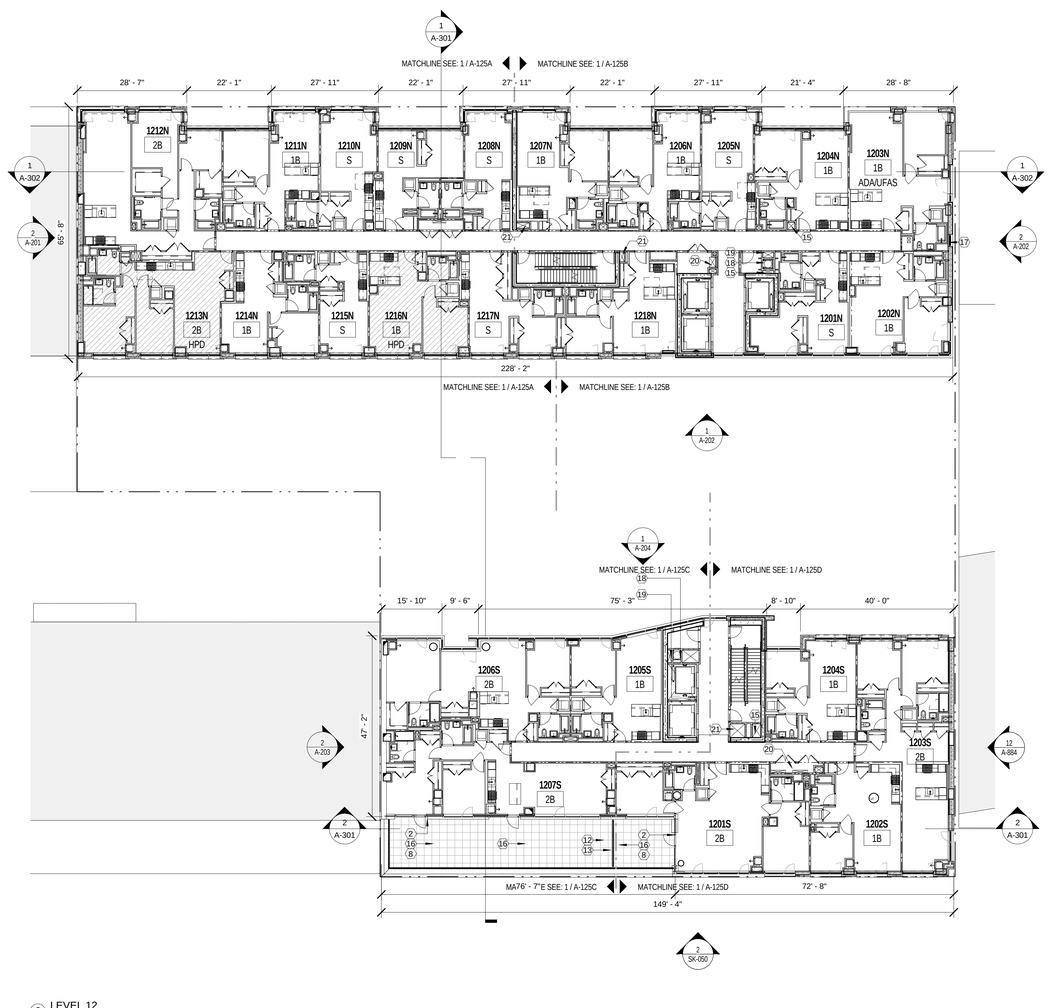
DRAWING TITLE:
FLOOR 2 & 3 PLAN

DRAWN BY	YK, MB
SCALE:	1/16" = 1'-0"
PROJECT NO.	AS 821
CHECKED BY	
DATE:	SEE REV SCHED

STAMP
NYC DOB NO: 121185626
DRAWING NO.
A-102 .00



1 LEVEL 4 TO 11
1/16" = 1'-0"



2 LEVEL 12
1/16" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS, THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/25/14	DOB Filing Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
	06/23/14	DOB Filing Set #2
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 4 TO 11 & 12 PLAN

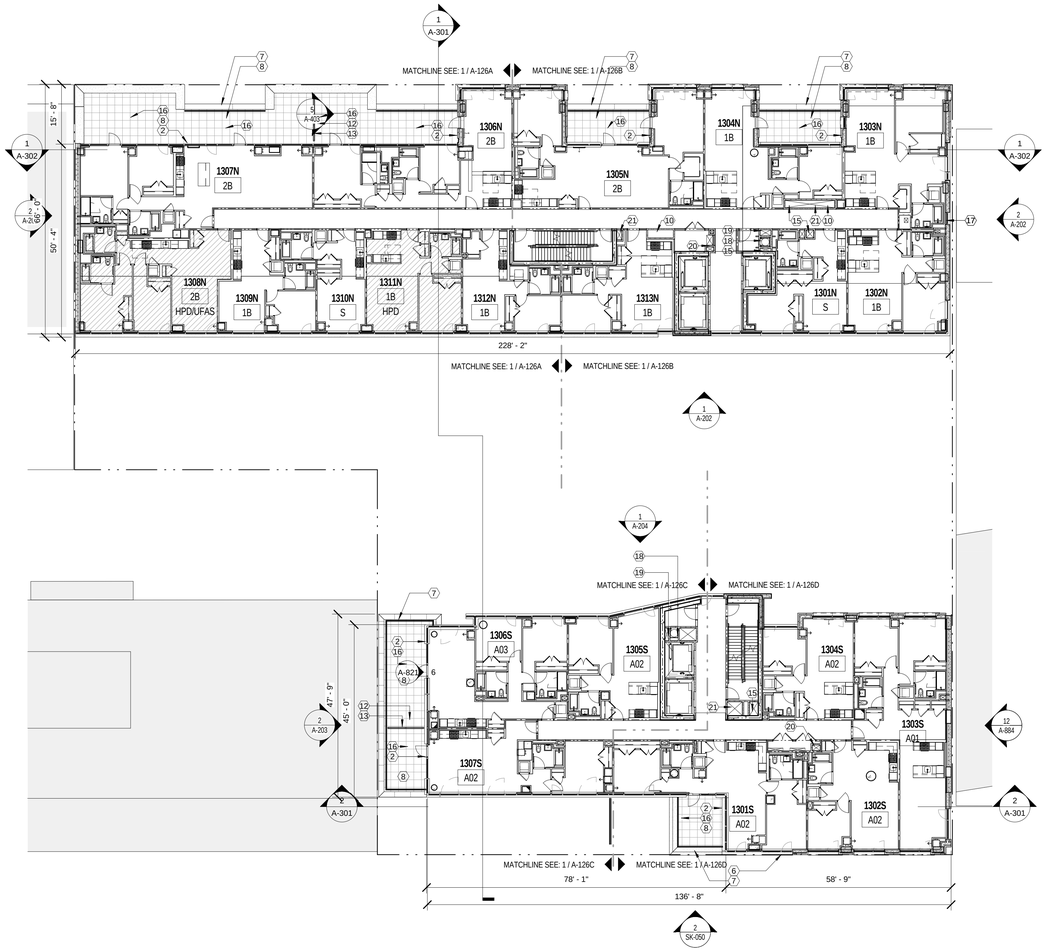
DRAWING TITLE:

YK, DRAWN BY	1/16" = 1'-0" SCALE:
MB CHECKED BY	AS PROJECT NO. 821
DATE: SEE REV SCHED	

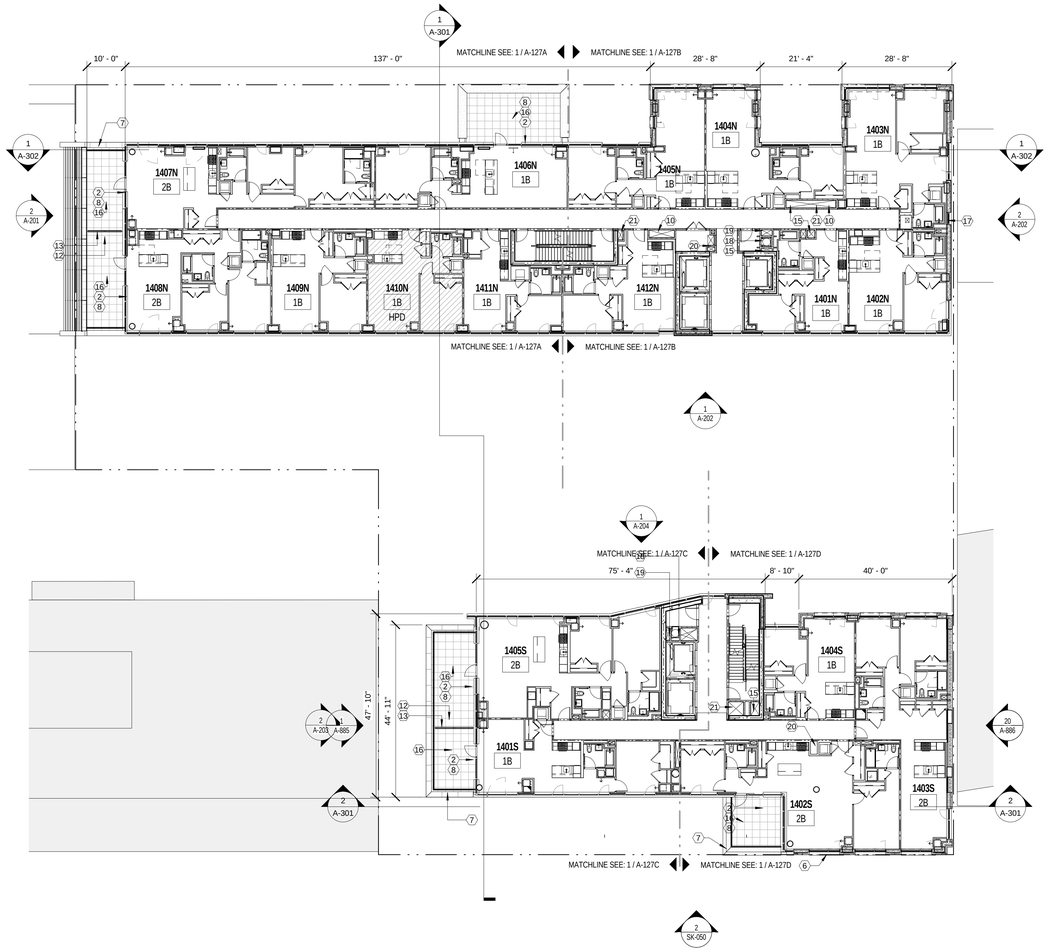
A-103 .00 DRAWING NO

STAMP:

NYC DOB NO: 121185626



1 LEVEL 13
1/16" = 1'-0"



2 LEVEL 14
1/16" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
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7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
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11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
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14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
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17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PROPPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED W22.2 U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE W22.1 U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE W21.0 U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE S22.2 U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE P21.0 U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE P22.2 U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE F22.0 U.O.N. REF: A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS, IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Lighting Consultant:
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Facade Maintenance Consultant:
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t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/25/14	DOB Filing Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
	06/23/14	DOB Filing Set #2
2	07/25/14	Addendum #2

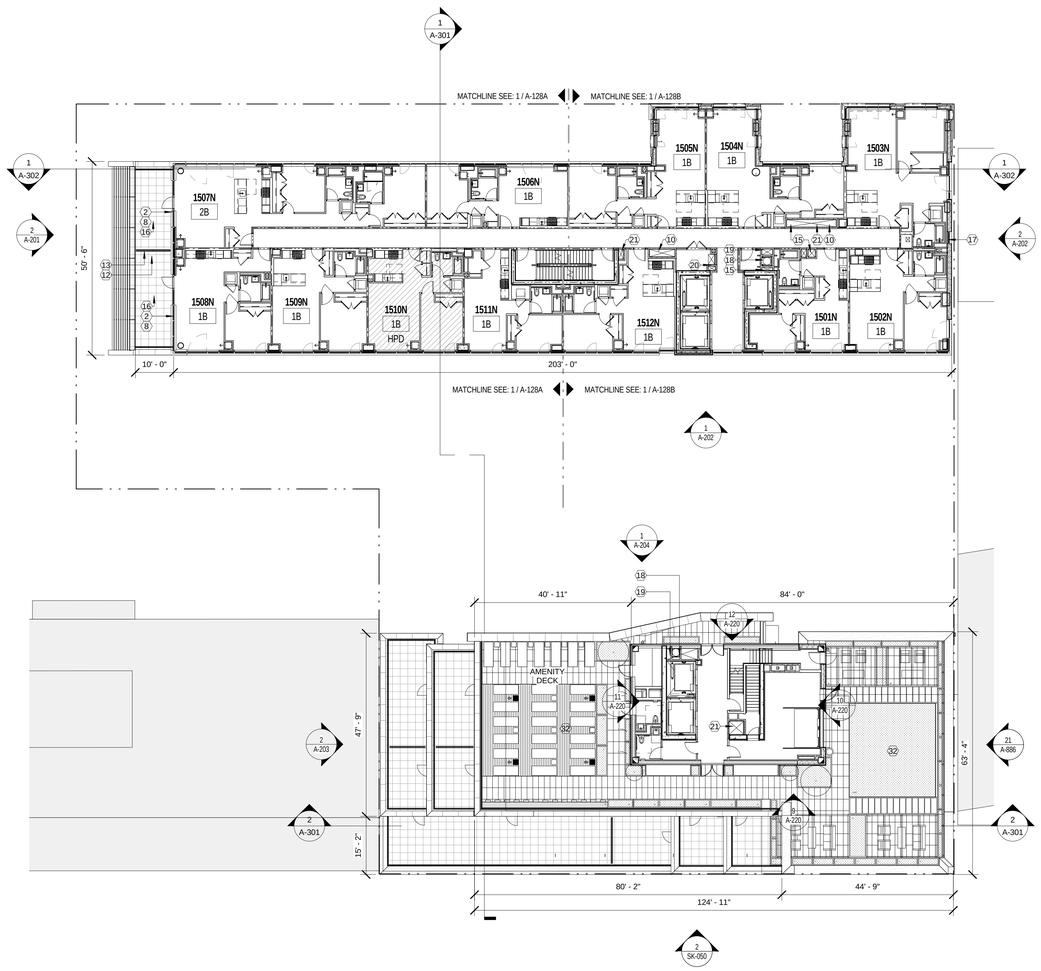
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 13 & 14 PLAN

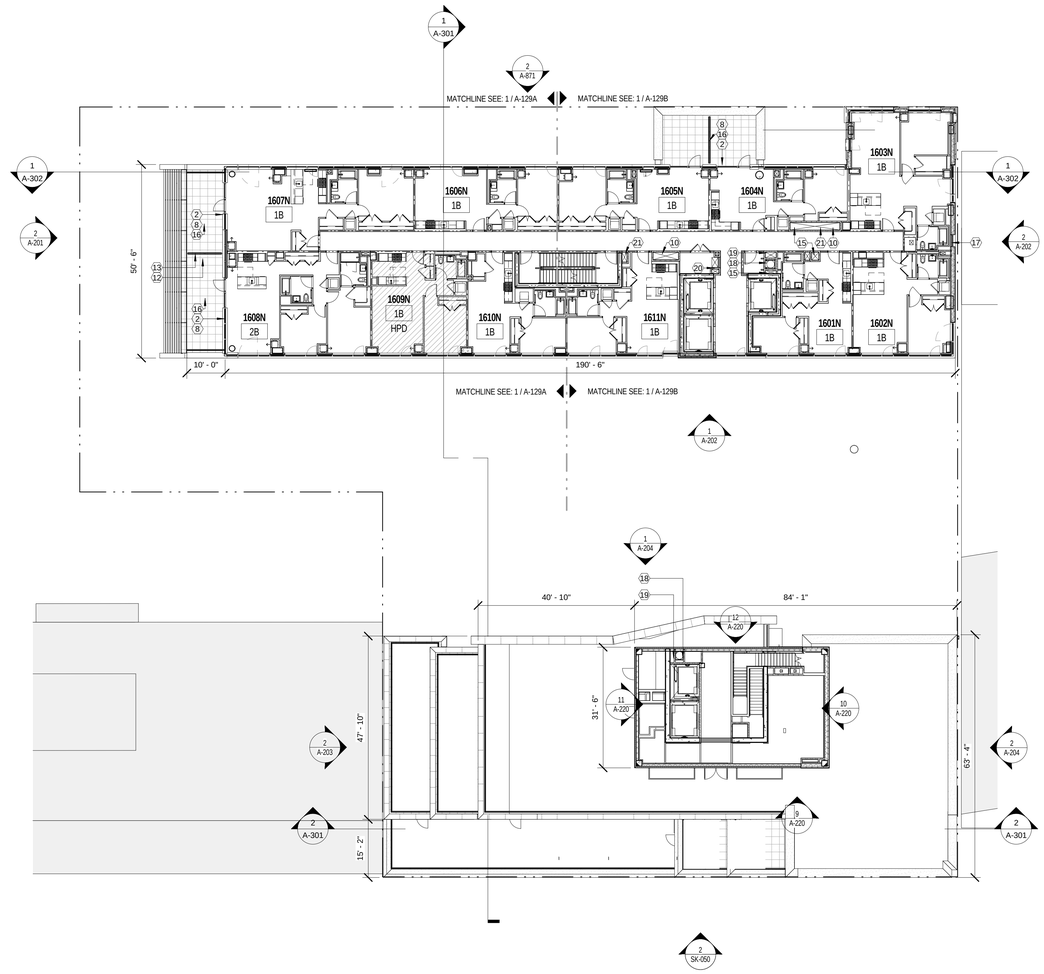
DRAWING TITLE:

DRAWN BY:	YK, MD
SCALE:	1/16" = 1'-0"
CHECKED BY:	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-104 .00

STAMP:
NYC DOB NO: 121185626



1 LEVEL 15
1/16" = 1'-0"



2 LEVEL 16
1/16" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS, THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXISISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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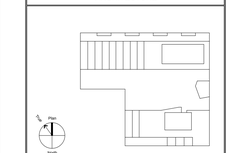
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/25/14	DOB Filing Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
	06/23/14	DOB Filing Set #2
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

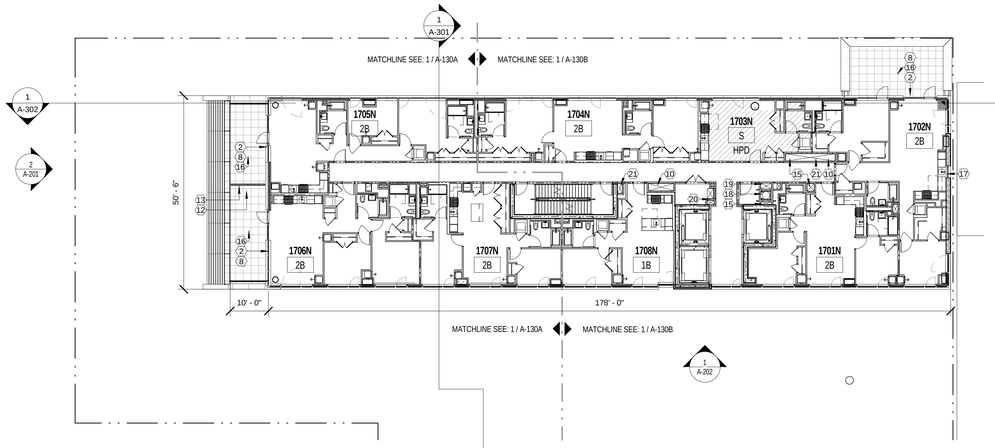
FLOOR 15 PLAN/ROOF @ 52ND & 16 PLAN

DRAWING TITLE:

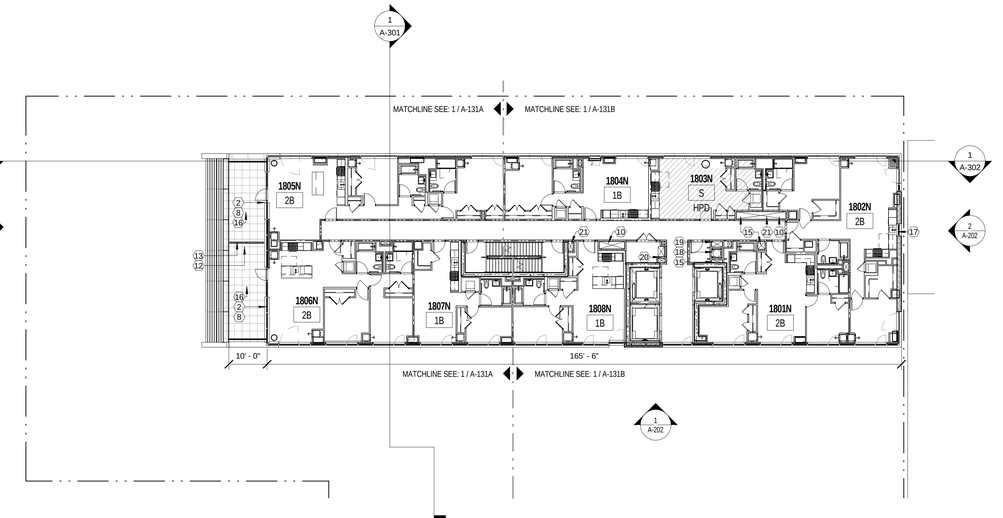
YK, MB DRAWN BY	1/16" = 1'-0" SCALE:
AS CHECKED BY	821 PROJECT NO.
DATE: SEE REV SCHED	

A-105 .00
DRAWING NO.

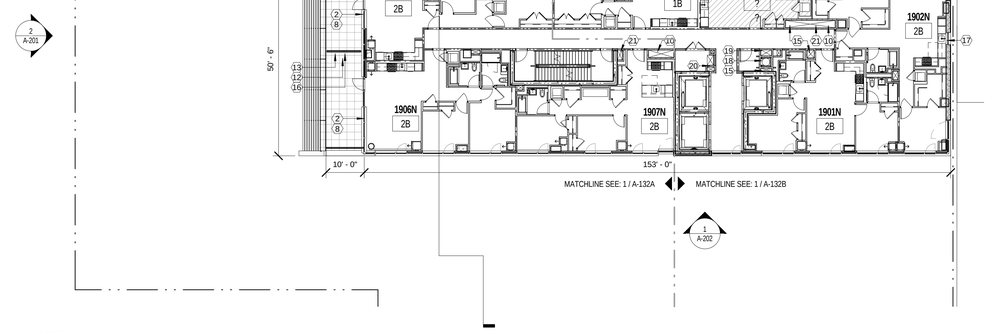
STAMP
NYC DOB NO: 121185626



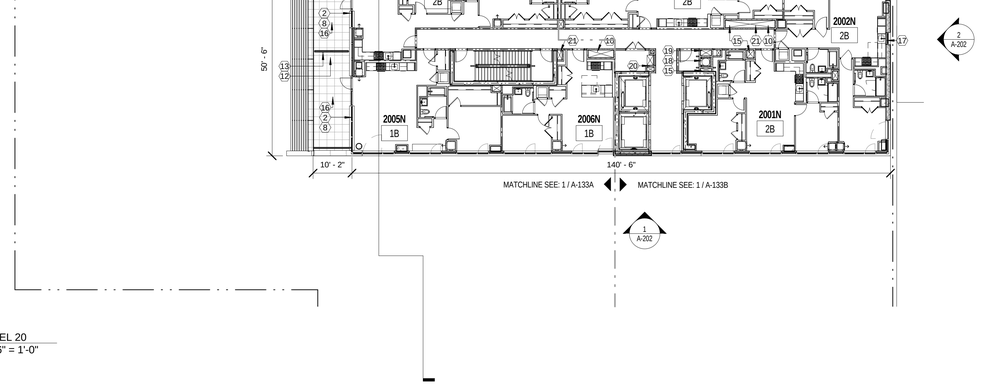
1 LEVEL 17
1/16" = 1'-0"



2 LEVEL 18
1/16" = 1'-0"



3 LEVEL 19
1/16" = 1'-0"



4 LEVEL 20
1/16" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED W22.2 U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE W22.1 U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE W21.0 U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE S22.2 U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE P21.0 U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE P22.2 U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE F22.0 U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXISSTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Bliss Fasman Inc.
23 Leonard Street, # 5
New York, NY 10013
t. 212.343.8400

Facade Maintenance Consultant:
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166 Ames Street
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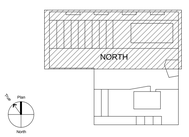


PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/25/14	DOB Filing Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
	06/23/14	DOB Filing Set #2
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

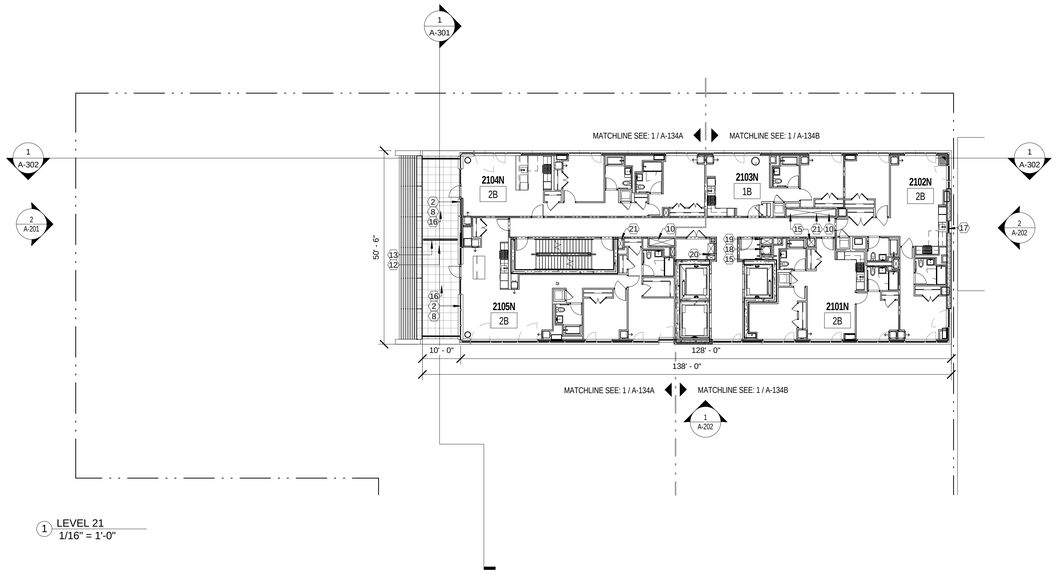
FLOOR 17 TO 20 PLAN

DRAWING TITLE:

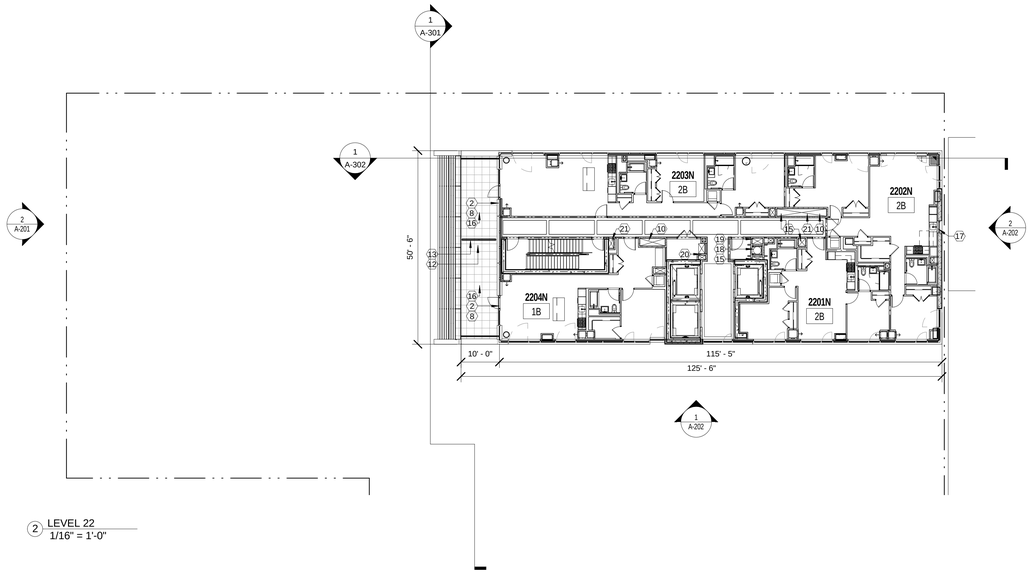
DRAWN BY: YK, MB	SCALE: 1/16" = 1'-0"
CHECKED BY: AS	PROJECT NO.: 821
DATE: SEE REV SCHED	DRAWING NO.: A-106 .00

STAMP

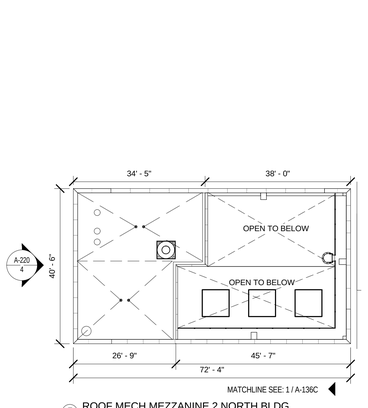
NYC DOB NO: 121185626



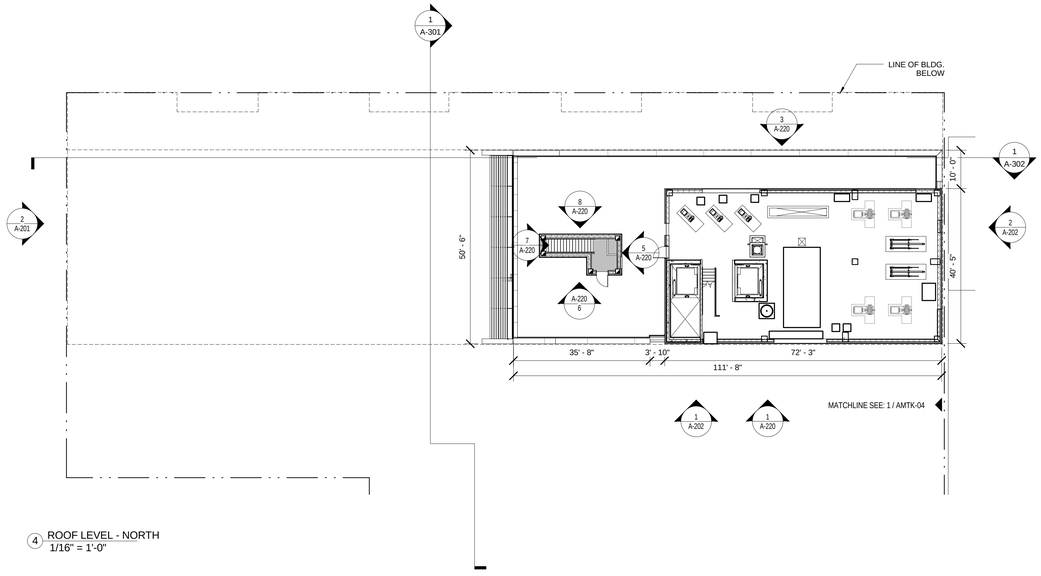
1 LEVEL 21
1/16" = 1'-0"



2 LEVEL 22
1/16" = 1'-0"



5 ROOF MECH MEZZANINE 2 NORTH BLDG
1/16" = 1'-0"



4 ROOF LEVEL - NORTH
1/16" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL, ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Landscape Consultant:
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Acoustic Consultant:
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Lighting Consultant:
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Facade Maintenance Consultant:
Entek Engineering
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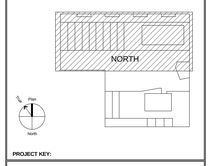
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/25/14	DOB Filing Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
	06/23/14	DOB Filing Set #2
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 21 & 22 PLAN - ROOF FLOOR & MECH. PENTHOUSE

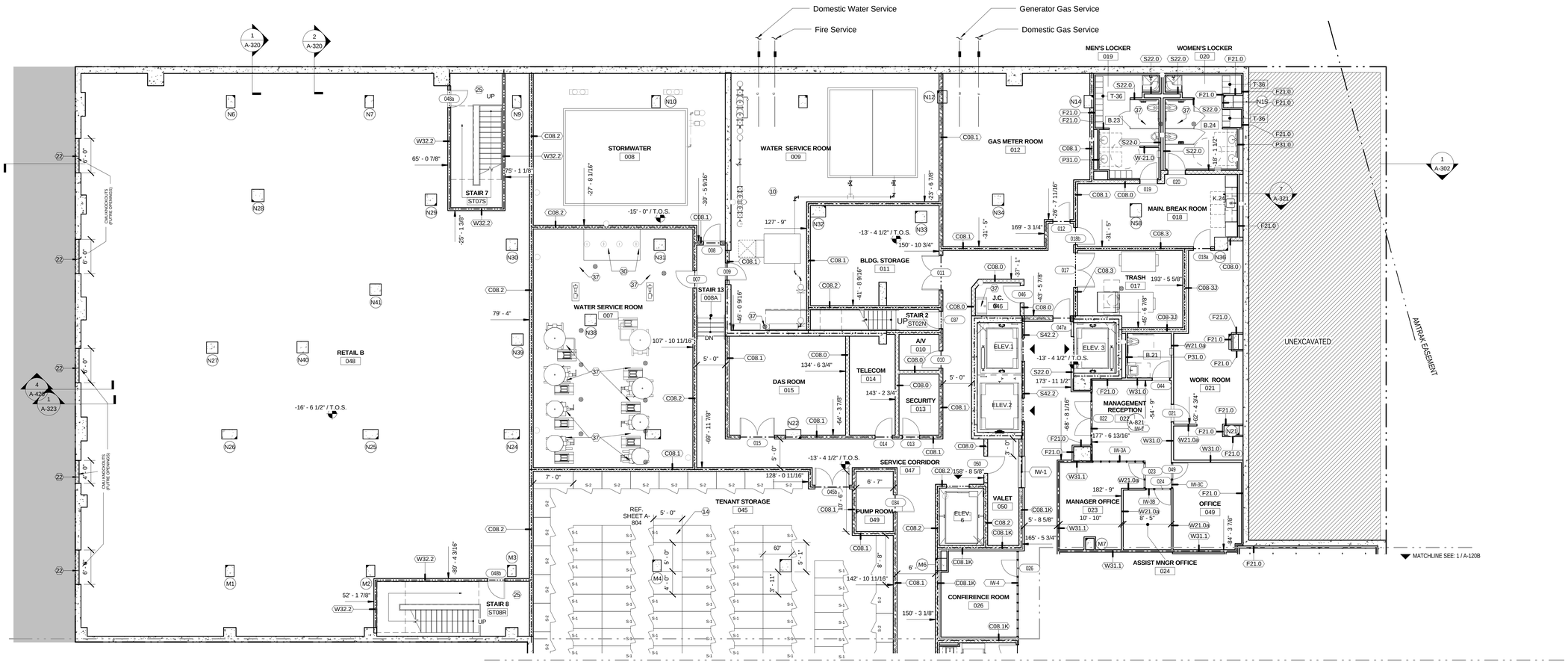
DRAWING TITLE:

YK, MB	1/16" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-107 .00

STAMP
DRAWING NO.

NYC DOB NO: 121185626



1 LEVEL CELLAR-SEGMENT-NORTH
1/8" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- PARTITION WALLS
- CMU WALLS
- CMU WALLS W/GWB FURRING
- SHAFT WALLS
- 3 HOUR
- 2 HOUR
- 1 HOUR
- MATCHLINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- FLOOR DRAIN
- GLASS AND ALUMINUM STOREFRONT

9/17/2014 6:46:54 PM

525 WEST 52ND ST
RITTERMAN CAPITAL/TACONIC INVESTMENT

525 WEST 52ND ST
NEW YORK, NY,10019

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Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE

NORTH

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

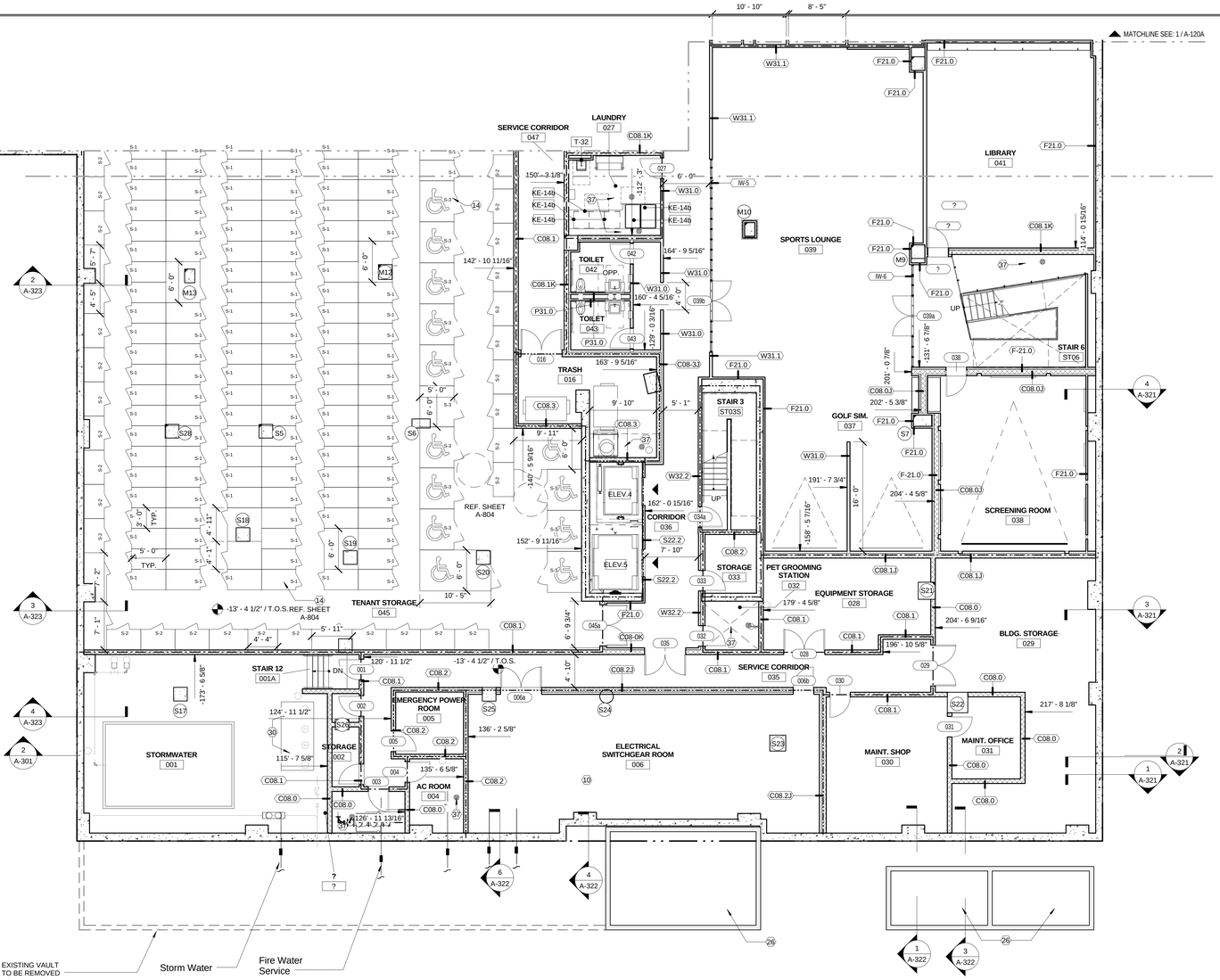
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

DRAWING TITLE:
FLOOR CELLAR - NORTH SEGMENT

MB	1/8" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-120A .00
DRAWING NO.

STAMP.
NYC DOB NO: 121185626



1 LEVEL CELLAR-SEGMENT-SOUTH
1/8" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS, THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE: (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
CORRIDOR TO UNIT DEMISING WALL 2HRS.
UNIT TO UNIT DEMISING WALL 1HR.
SHAFT WALL 2HRS.
STAIR AND ELEVATOR WALL 2HRS.
MECHANICAL AND ELECTRICAL ROOMS 2HRS.
*RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- PARTITION WALLS
- CMU WALLS
- CMU WALLS W/GWB FURRING
- SHAFT WALLS
- 3 HOUR
- 2 HOUR
- 1 HOUR
- MATCHLINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- FLOOR DRAIN
- GLASS AND ALUMINUM STOREFRONT

9/17/2014 6:47:04 PM

525 WEST 52ND ST

RITTERMAN CAPITAL/TACONIC INVESTMENT

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Facade Maintenance Consultant:
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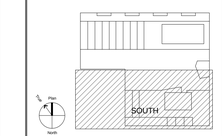
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

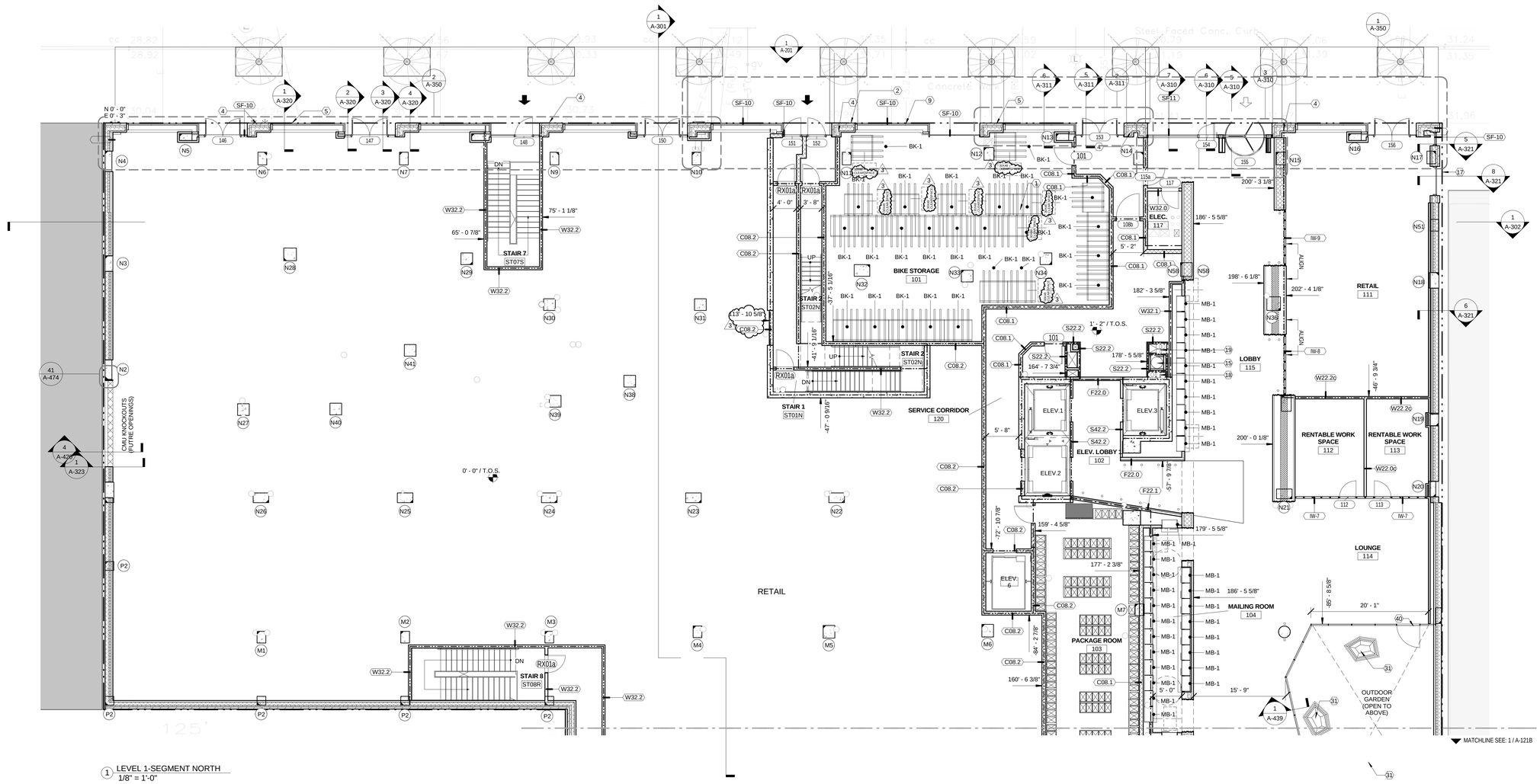
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR CELLAR - SOUTH SEGMENT

DRAWING TITLE:

DRAWN BY	MB
SCALE:	1/8" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-120B .00

STAMP
NYC DOB NO: 121185626



1 LEVEL 1-SEGMENT NORTH
1/8" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE: (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- PARTITION WALLS
- CMU WALLS
- CMU WALLS W/GWB FURRING
- SHAFT WALLS
- 3 HOUR
- 2 HOUR
- 1 HOUR
- MATCHLINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- FLOOR DRAIN
- GLASS AND ALUMINUM STOREFRONT

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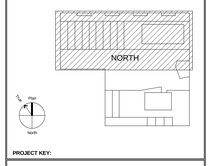
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 1 - NORTH SEGMENT

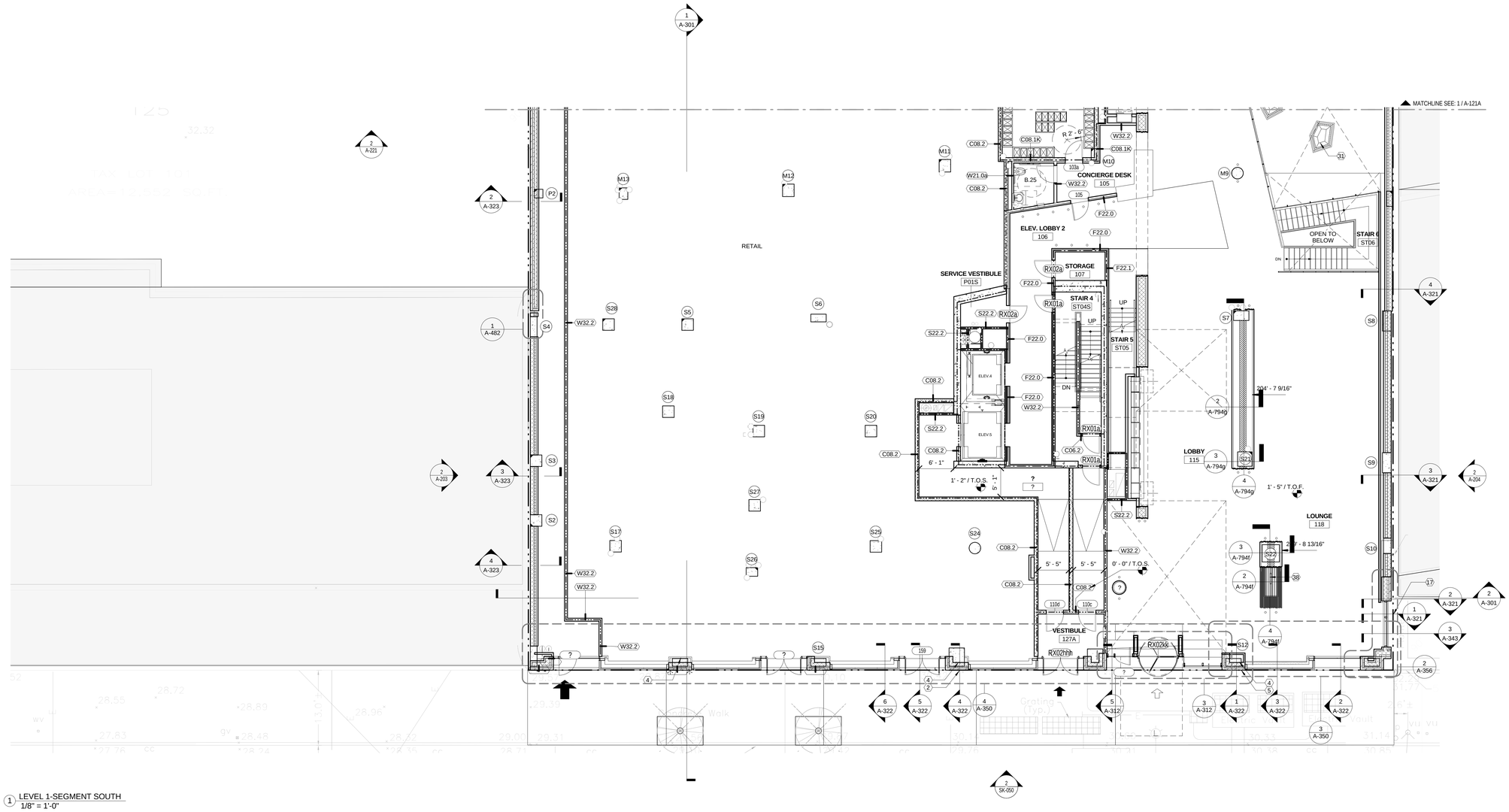
DRAWING TITLE:

DRAWN BY	MB
SCALE:	1/8" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED

STAMP:

A-121A .00
DRAWING NO.

NYC DOB NO: 121185626



1 LEVEL 1-SEGMENT SOUTH
1/8" = 1'-0"

PLAN - NOTES

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4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
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7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
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12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
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15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
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21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
CORRIDOR TO UNIT DEMISING WALL 2HRS.
UNIT TO UNIT DEMISING WALL 1HR.
SHAFT WALL 2HRS.
STAIR AND ELEVATOR WALL 2HRS.
MECHANICAL AND ELECTRICAL ROOMS 2HRS.
*RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- PARTITION WALLS
- CMU WALLS
- CMU WALLS W/GWB FURRING
- SHAFT WALLS
- 3 HOUR
- 2 HOUR
- 1 HOUR
- MATCHLINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- FLOOR DRAIN
- GLASS AND ALUMINUM STOREFRONT

9/17/2014 6:47:30 PM

525 WEST 52ND ST

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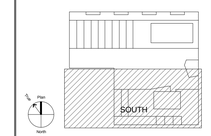
t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

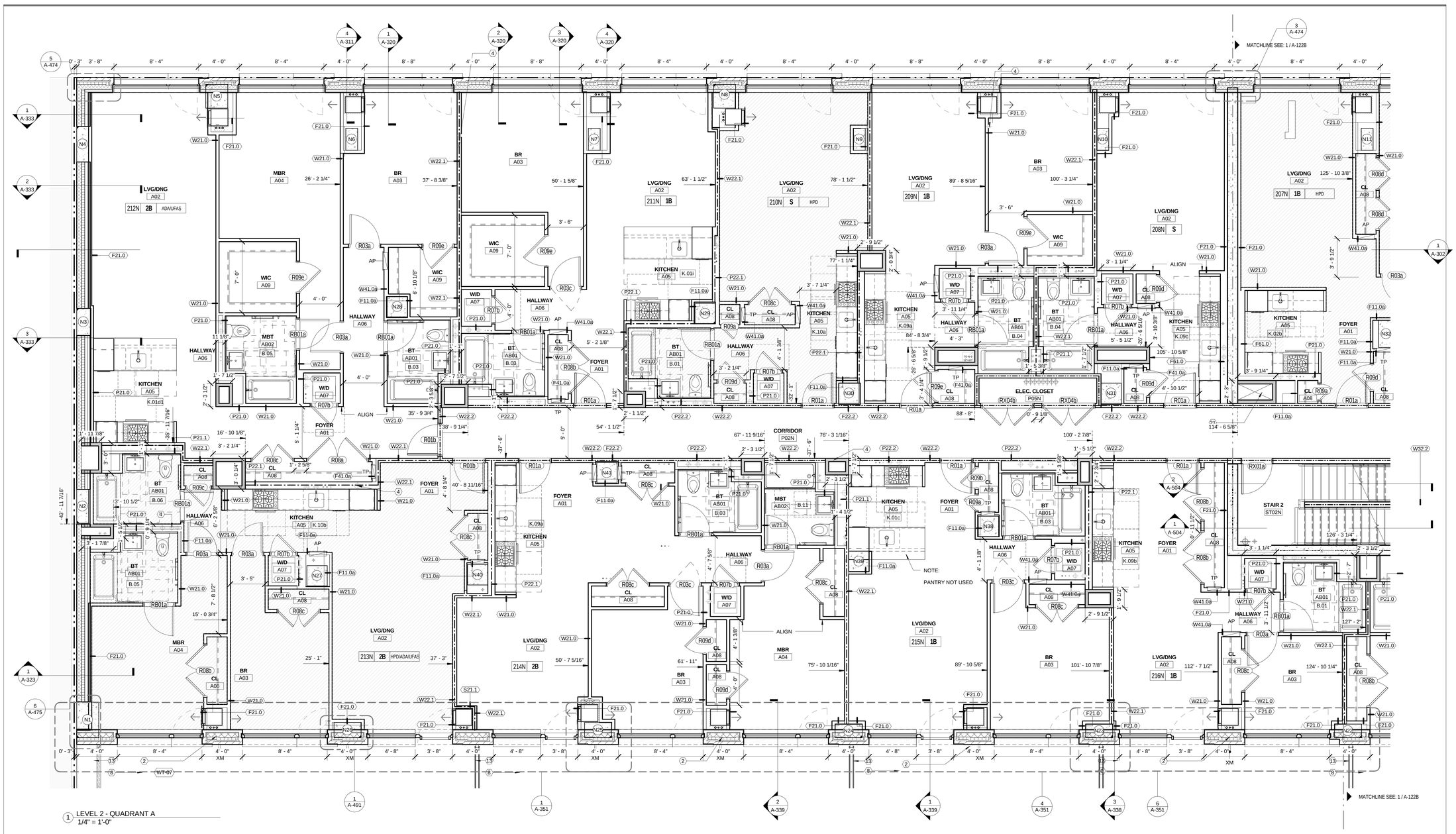
FLOOR 1 - SOUTH SEGMENT

DRAWING TITLE:

DRAWN BY	YK, MB
SCALE:	1/8" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-121B .00

STAMP

NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PROPPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDIOR WALLS SHALL BE 2-HOUR RATED W22.2 U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE W22.1 U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE W21.0 U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE S22.2 U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE P21.0 U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE P22.2 U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE F22.0 U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS, IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
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9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
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13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
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17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
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28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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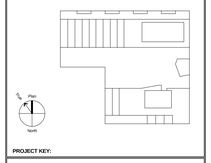
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

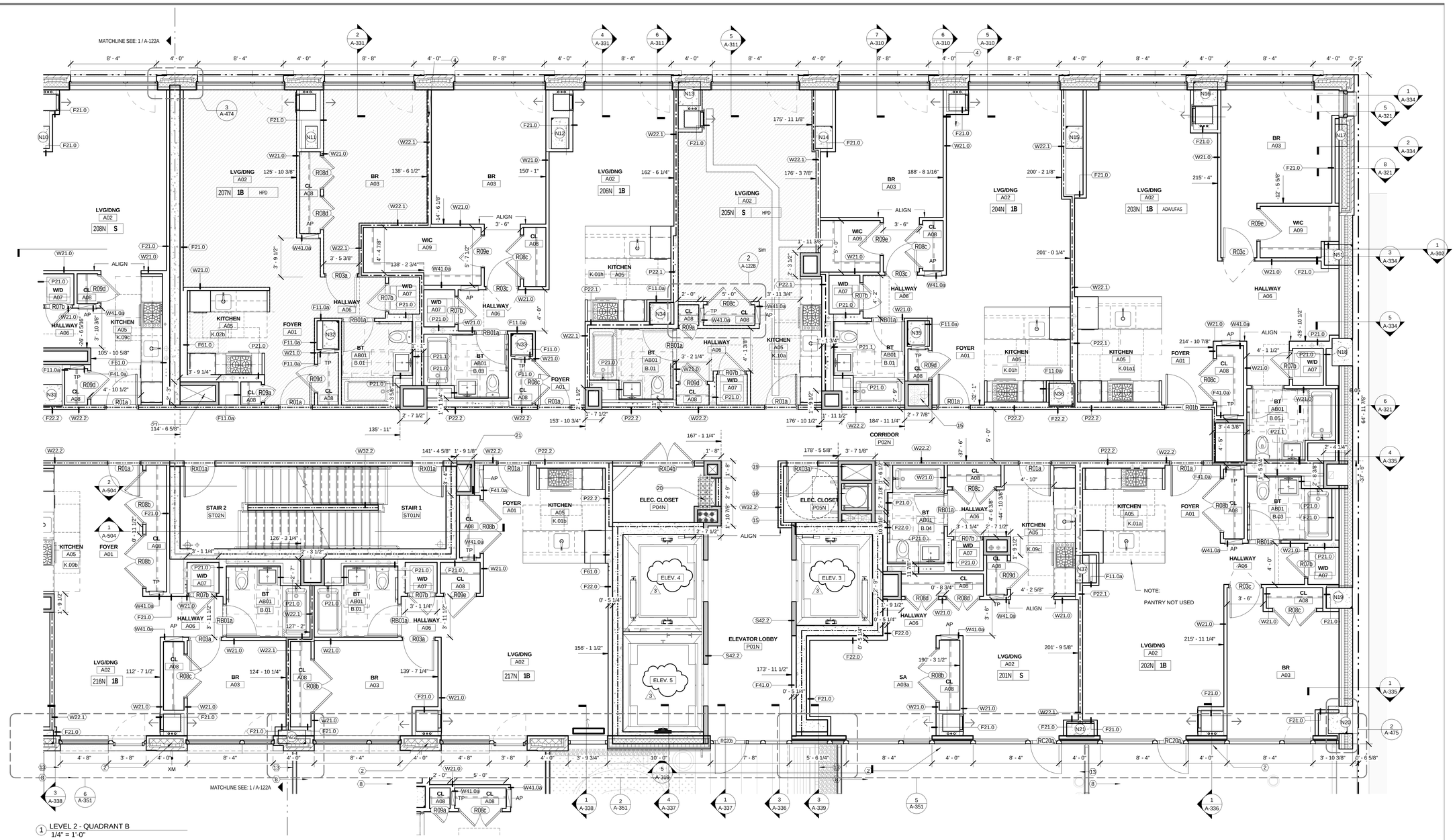
NO.	DATE	REVISION
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 2 PLAN - QUADRANT A

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-122A .00	
STAMP	DRAWING NO.
NYC DOB NO: 121185626	



1 LEVEL 2 - QUADRANT B
1/4" = 1'-0"

2 TYP. UNIT X05N LEVEL 9-11
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
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20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNIT ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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525 WEST 52ND ST
RITTERMAN CAPITAL/TACONIC INVESTMENT

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Lighting Consultant:
Bliss Fasman Inc.
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t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
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t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

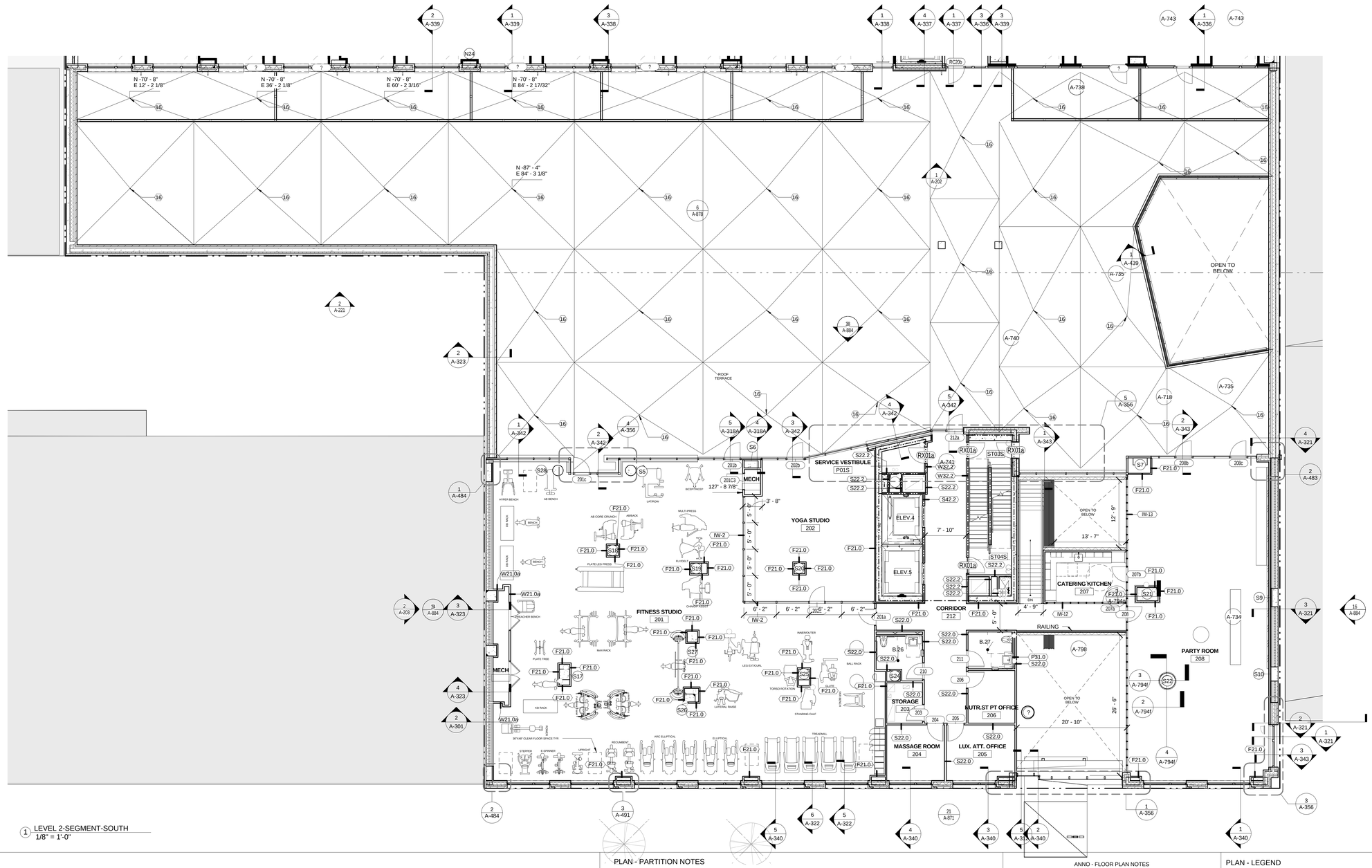
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 2 PLAN - QUADRANT B

DRAWING TITLE:

DRAWN BY	YK
SCALE:	1/4" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-122B .00

STAMP
NYC DOB NO: 121185626



1 LEVEL 2-SEGMENT-SOUTH
1/8" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PROPPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDIOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
CORRIDOR TO UNIT DEMISING WALL 2HRS.
UNIT TO UNIT DEMISING WALL 1HR.
SHAFT WALL 2HRS.
STAIR AND ELEVATOR WALL 2HRS.
MECHANICAL AND ELECTRICAL ROOMS 2HRS.
*RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
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21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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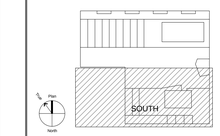
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

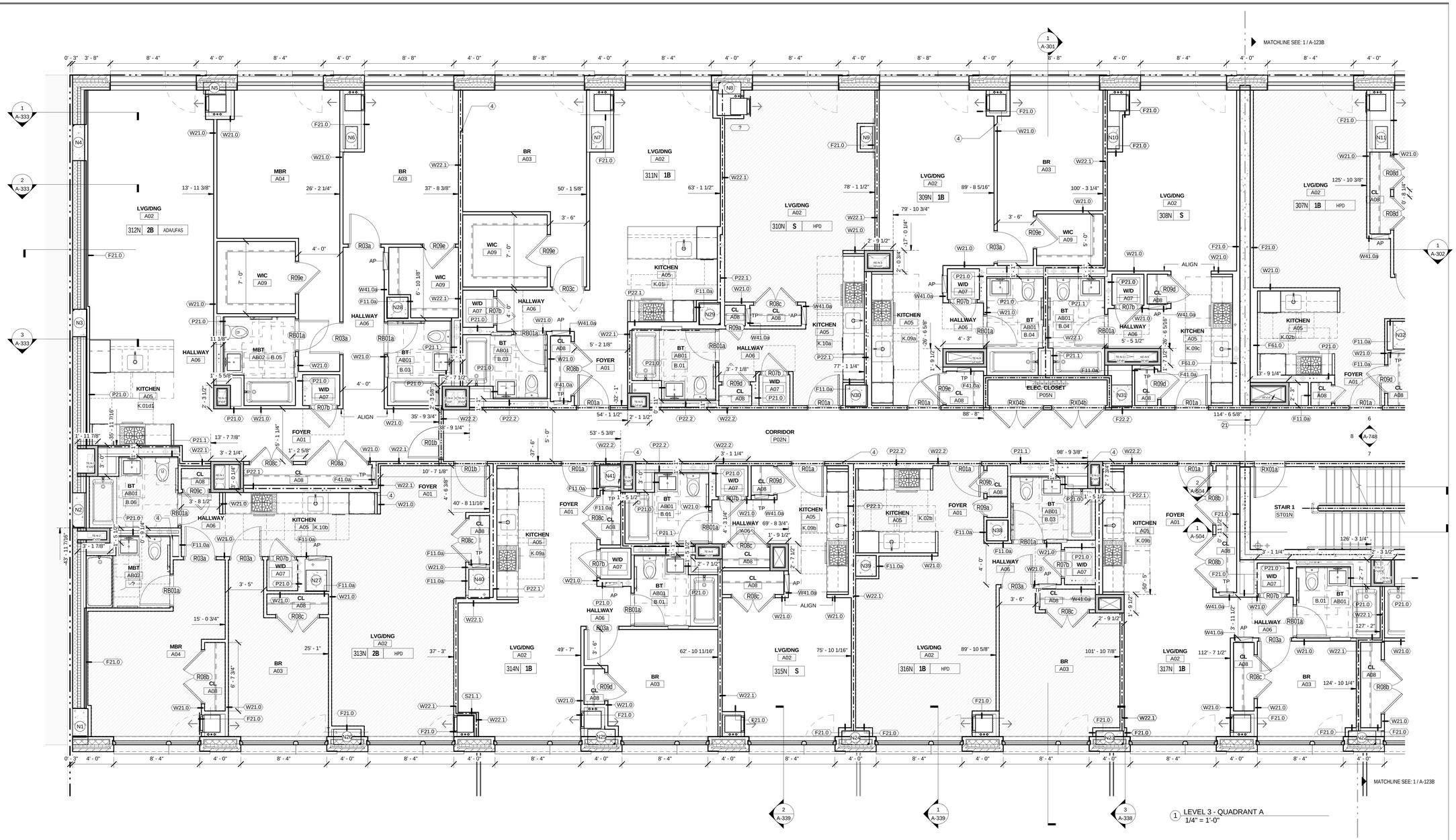
NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

DRAWING TITLE:
FLOOR 2 - SOUTH SEGMENT

DRAWN BY	MB
SCALE:	1/8" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-122C .00

STAMP
NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
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11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
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18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISITNG ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Acoustic Consultant:
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t. 212.725.6800

Lighting Consultant:
Bliss Fasman Inc.
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t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
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t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

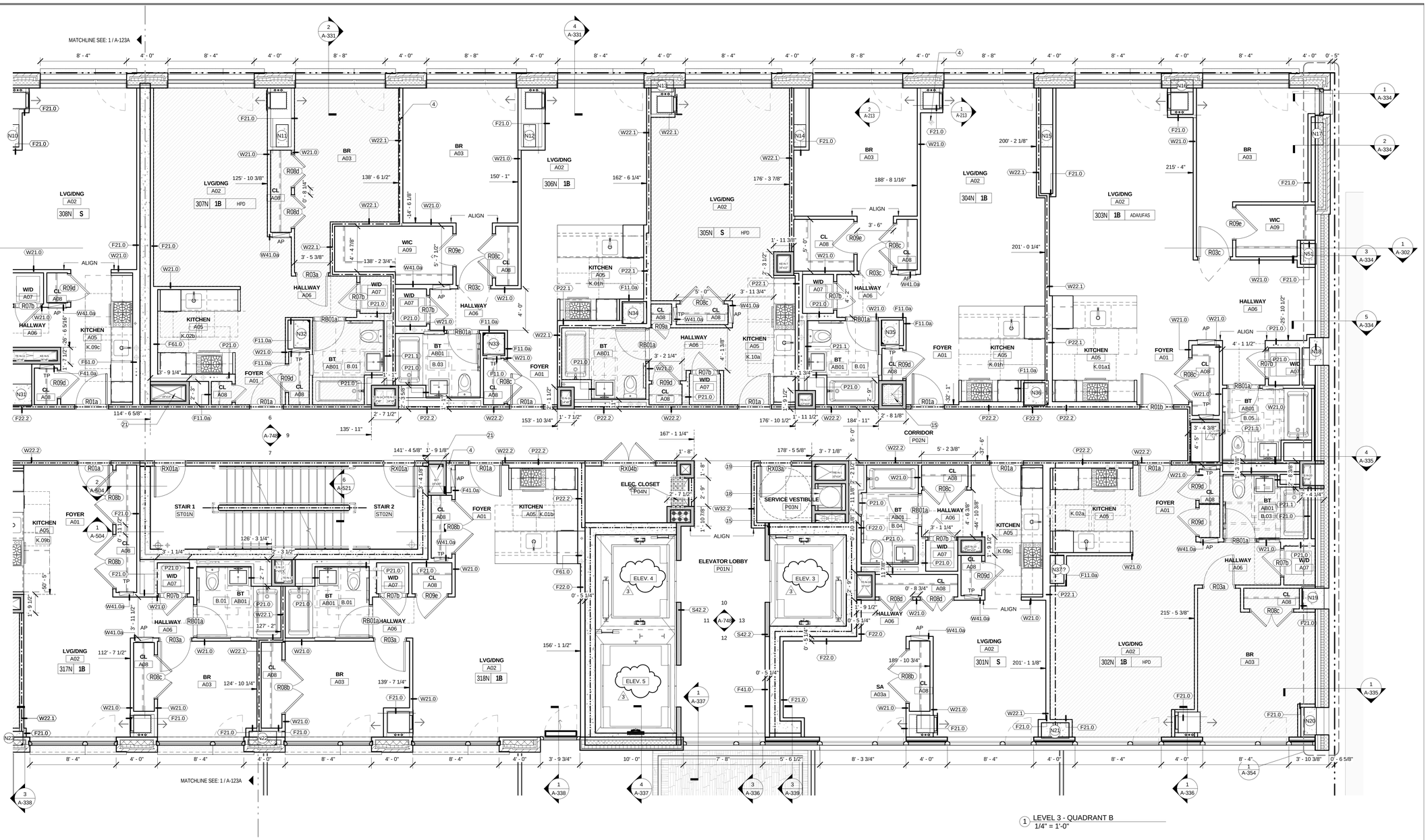
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 3 PLAN - QUADRANT A

DRAWING TITLE:

DRAWN BY	YK
SCALE:	1/4" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-123A .00
NYC DOB NO:	121185626

STAMP



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED W22.2 U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE W22.1 U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE W21.0 U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE S22.2 U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE P21.0 U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE P22.2 U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE F22.0 U.O.N. REF: A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA. REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Facade Maintenance Consultant:
Entek Engineering
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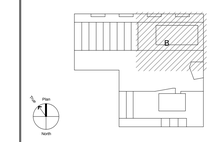
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 3 PLAN - QUADRANT B

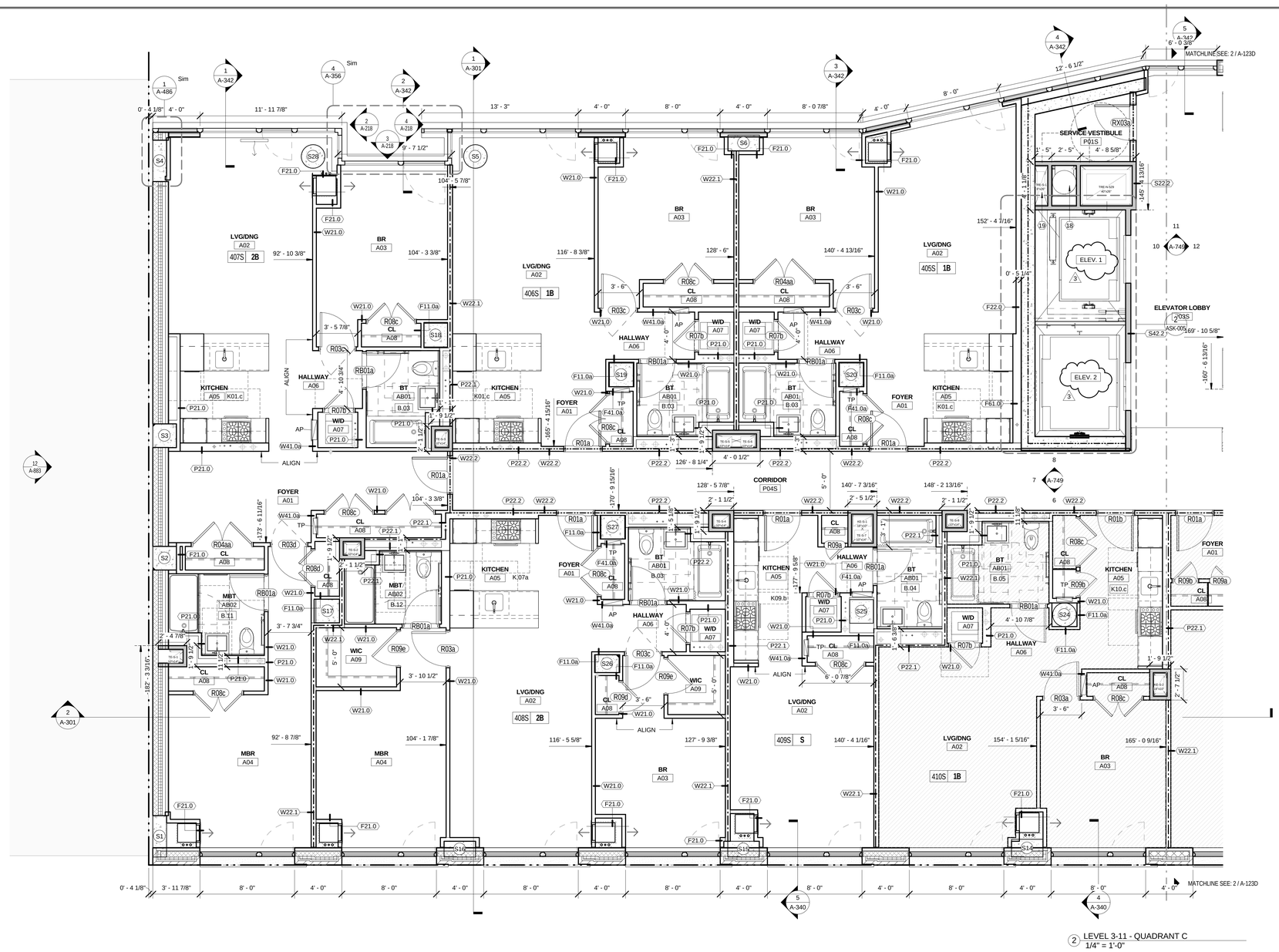
DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY:	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-123B .00

STAMP: DRAWING NO.

NYC DOB NO: 121185626



2 LEVEL 3-11 - QUADRANT C
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS, IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Lighting Consultant:
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Facade Maintenance Consultant:
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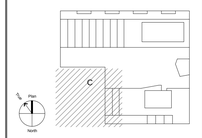
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 3-11 PLAN - QUADRANT C

DRAWING TITLE:

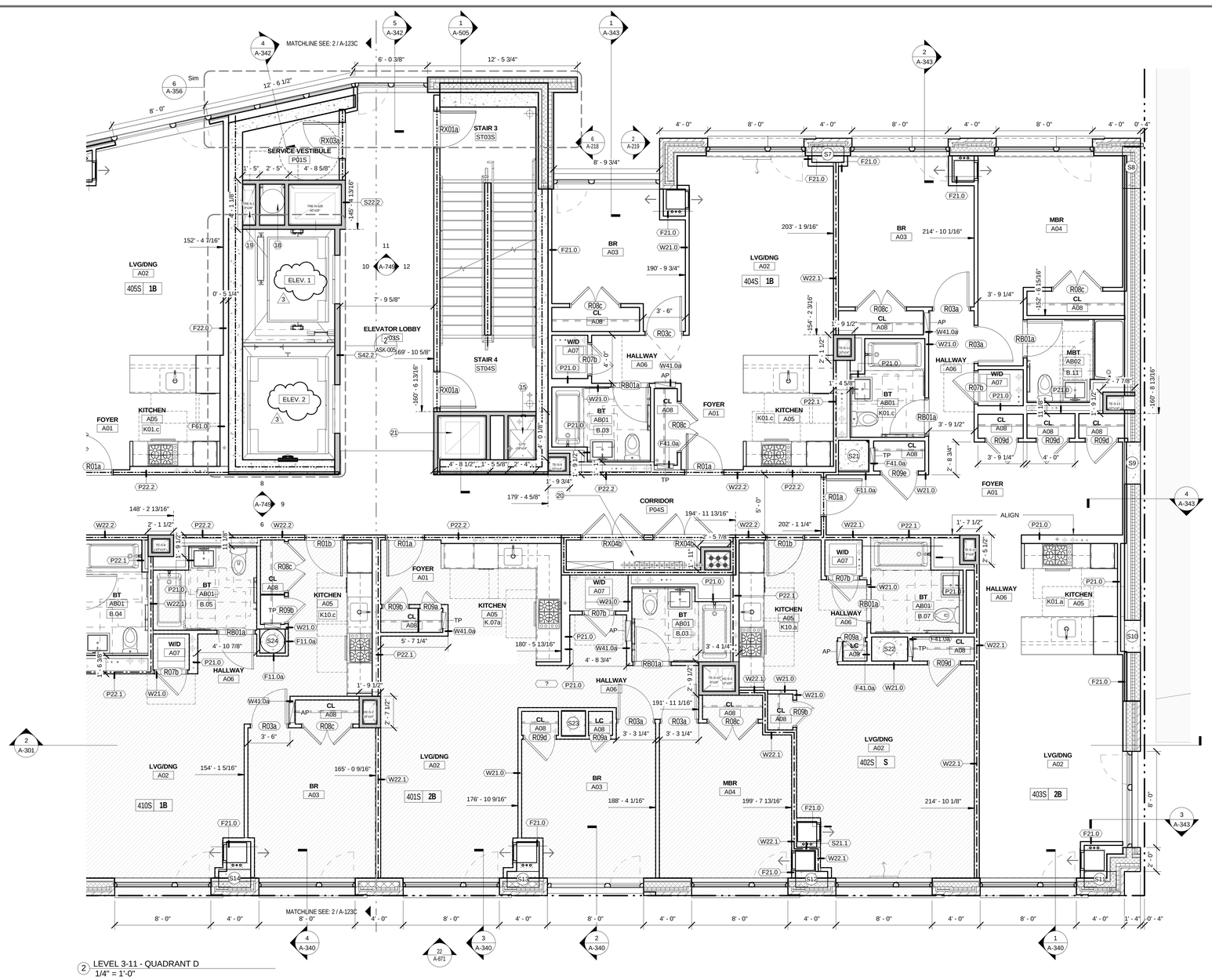
YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-123C .00

STAMP

DRAWING NO.

NYC DOB NO: 121185626



2 LEVEL 3-11 - QUADRANT D
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 3-11 PLAN - QUADRANT D

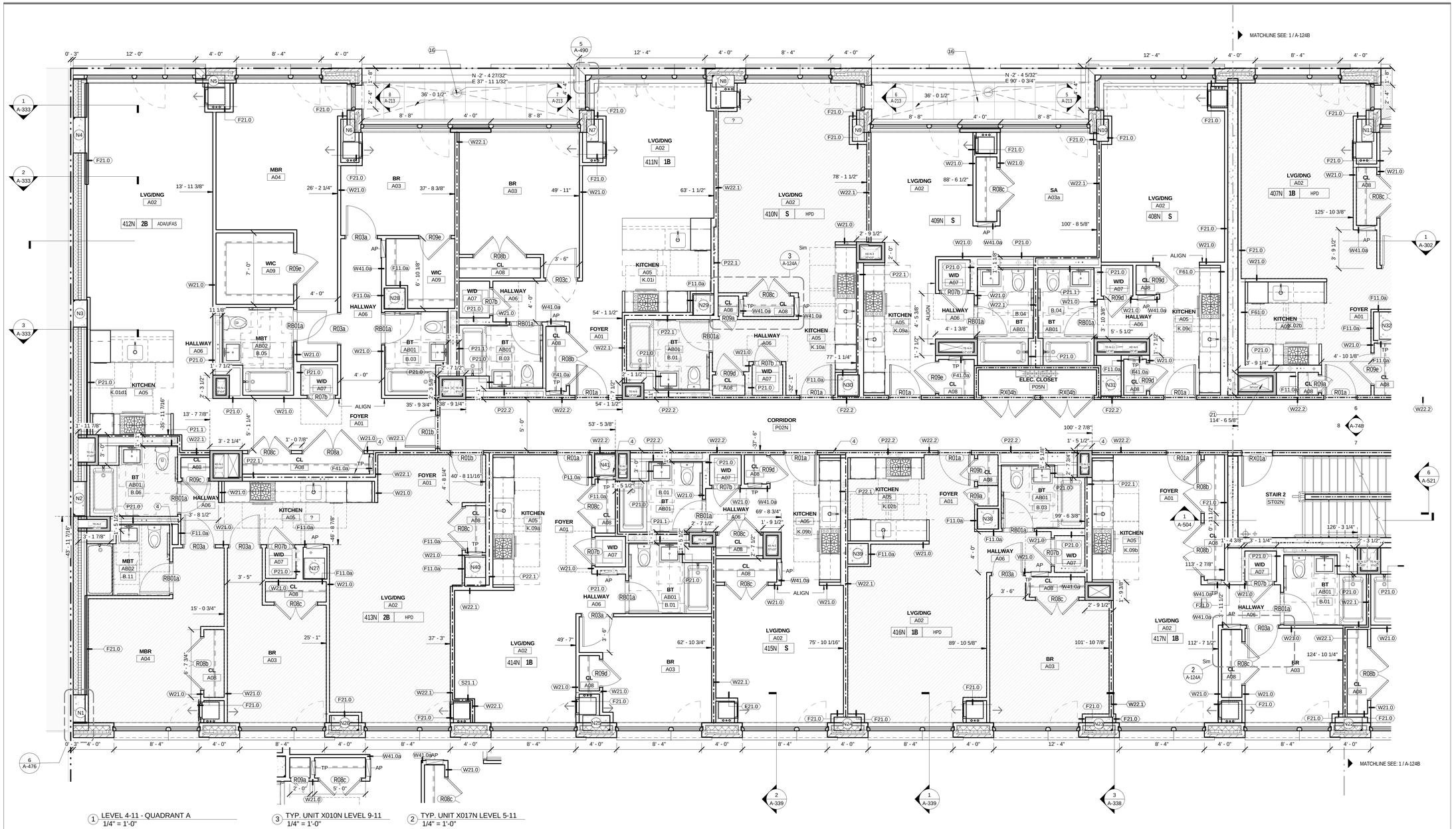
DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-123D .00

STAMP
DRAWING NO.

NYC DOB NO: 121185626



1 LEVEL 4-11 - QUADRANT A
1/4" = 1'-0"

3 TYP. UNIT X010N LEVEL 9-11
1/4" = 1'-0"

2 TYP. UNIT X017N LEVEL 5-11
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150S+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL, ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
CORRIDOR TO UNIT DEMISING WALL 2HRS.
UNIT TO UNIT DEMISING WALL 1HR.
SHAFT WALL 2HRS.
STAIR AND ELEVATOR WALL 2HRS.
MECHANICAL AND ELECTRICAL ROOMS 2HRS.
*RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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t. 973.994.9220

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Future Green Studio
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Brooklyn, NY 11231
t. 718.855.8995

Acoustic Consultant:
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t. 212.725.6800

Lighting Consultant:
Bliss Fasman Inc.
23 Leonard Street, # 5
New York, NY 10013
t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

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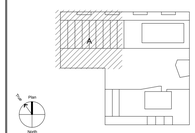


PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

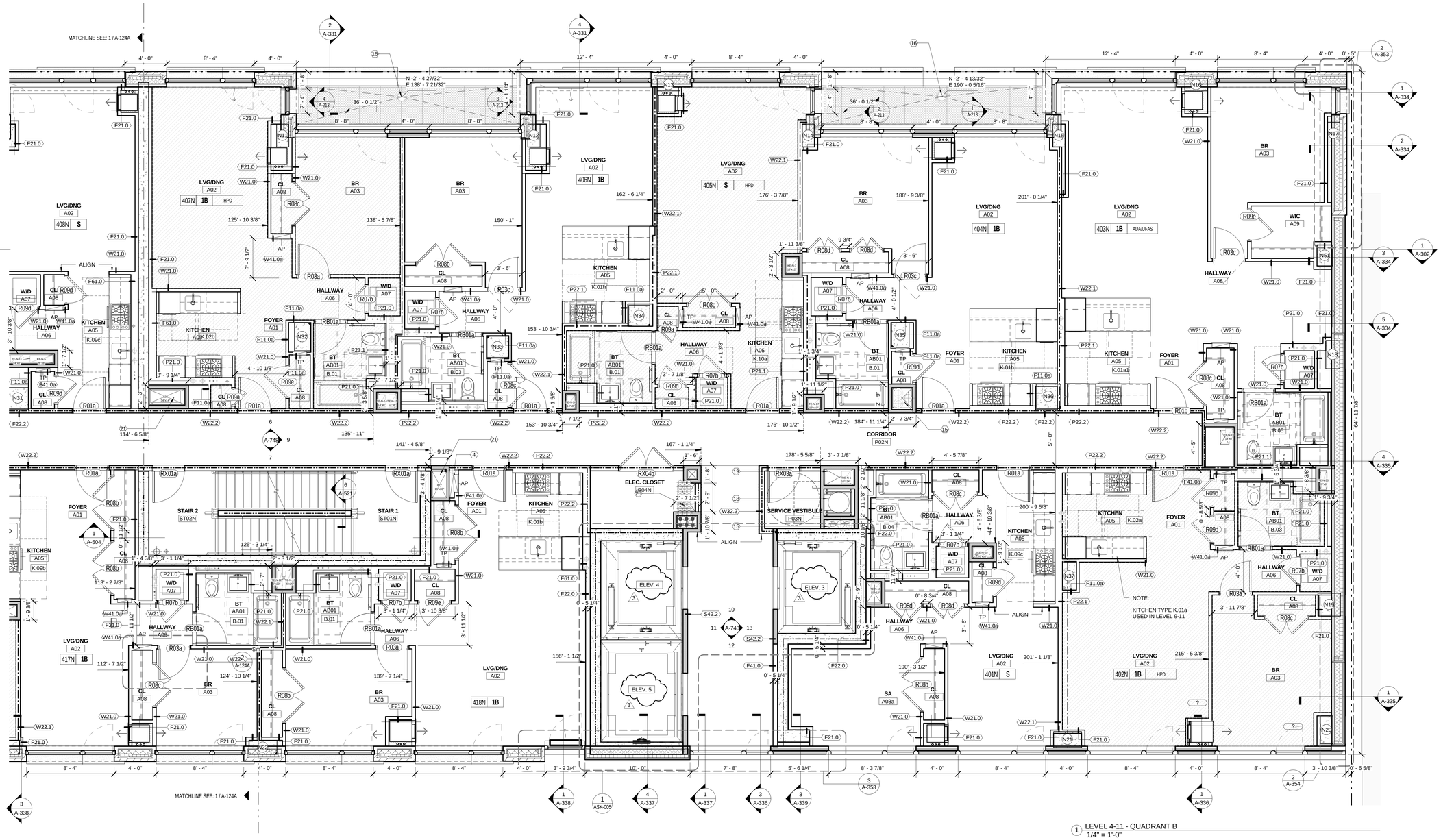
FLOOR 4-11 PLAN - QUADRANT A

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-124A .00
DRAWING NO.

STAMP.
NYC DOB NO: 121185626



1 LEVEL 4-11 - QUADRANT B
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS, THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDIOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

9/17/2014 6:49:55 PM

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Landscape Consultant:
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Acoustic Consultant:
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New York, NY 10016
t. 212.725.6800

Lighting Consultant:
Bliss Fasman Inc.
23 Leonard Street, # 5
New York, NY 10013
t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

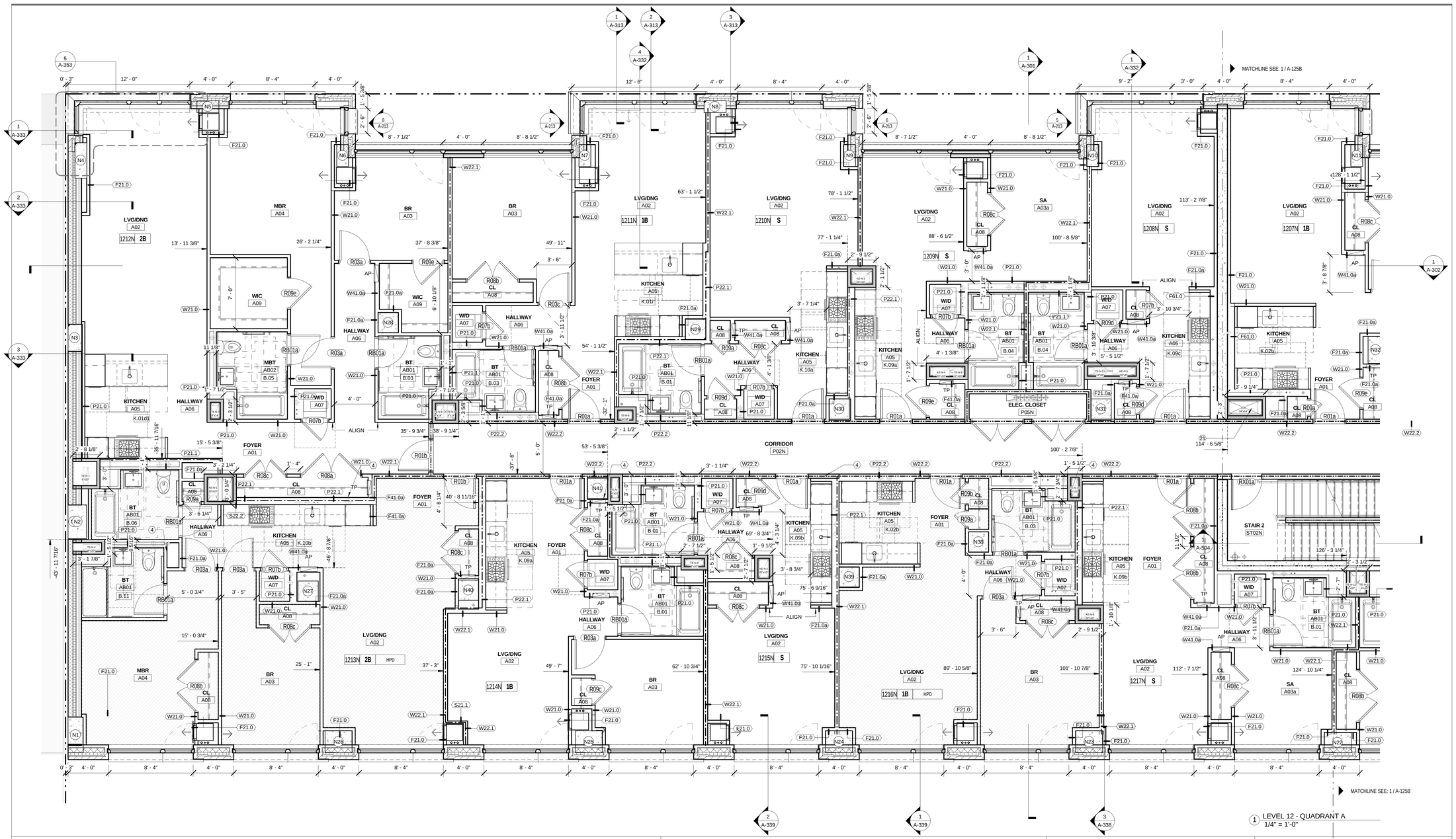
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 4-11 PLAN - QUADRANT B

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-124B .00	
DRAWING NO	

STAMP:
NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED W22.2 U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE W22.1 U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE W21.0 U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE S22.2 U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE P21.0 U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE P22.2 U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE F22.0 U.O.N. REF: A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

9/17/2014 6:50:09 PM

525 WEST 52ND ST
RITTERMAN CAPITAL/TACONIC INVESTMENT

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Lighting Consultant:
Bliss Fasman Inc.
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t. 212.343.8400

Facade Maintenance Consultant:
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166 Ames Street
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t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

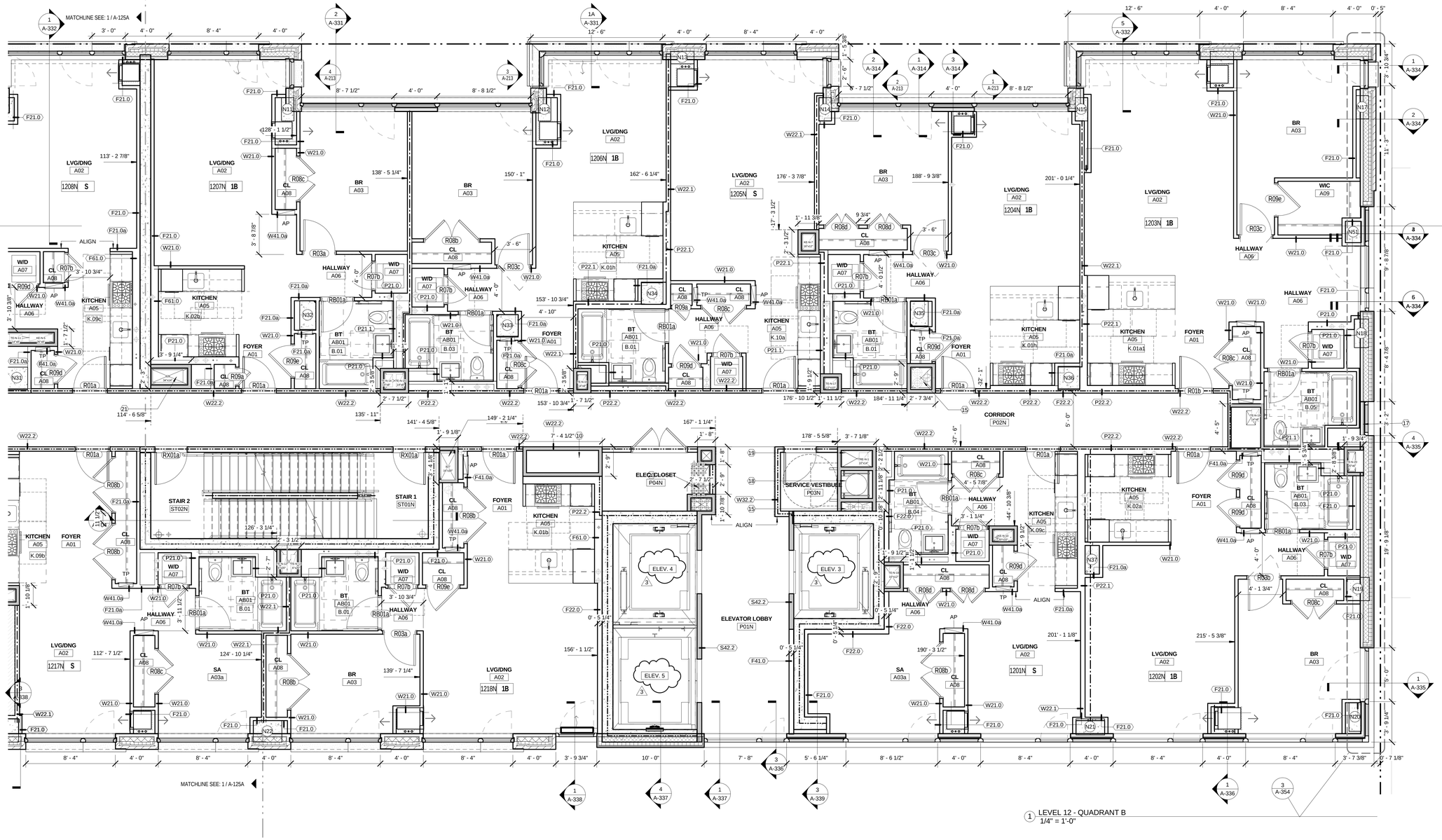
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 12 PLAN - QUADRANT A

DRAWING TITLE:

DRAWN BY	YK
CHECKED BY	AS
DATE:	SEE REV SCHED
SCALE:	1/4" = 1'-0"
PROJECT NO.	821
DRAWING NO.	A-125A .00

STAMP
NYC DOB NO: 121185626



1 LEVEL 12 - QUADRANT B
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELEVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

9/17/2014 6:50:25 PM

525 WEST 52ND ST

RITTERMAN CAPITAL/TACONIC INVESTMENT

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Facade Maintenance Consultant:
Entek Engineering
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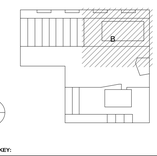
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

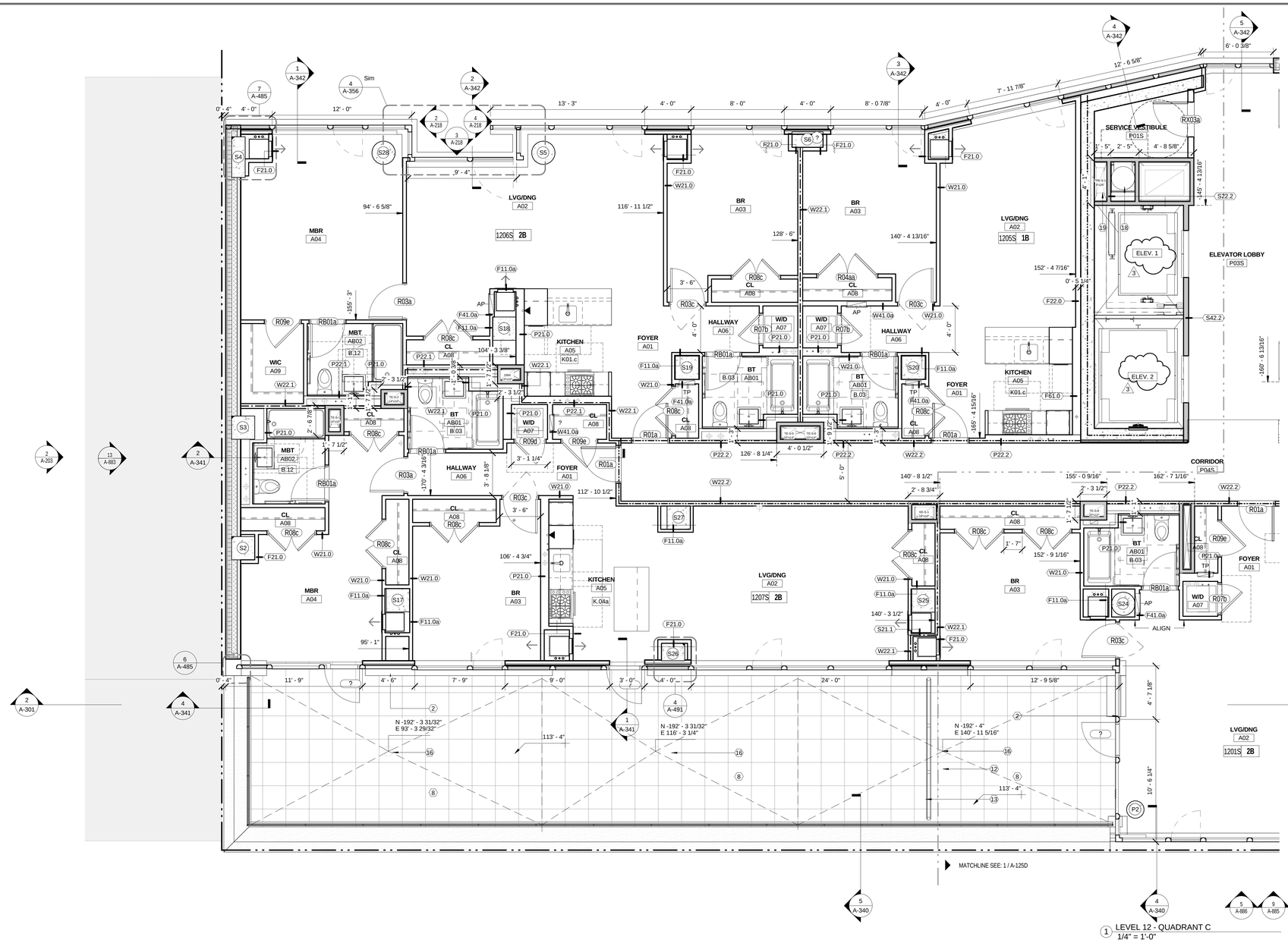
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 12 PLAN - QUADRANT B

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-125B .00	

STAMP
DRAWING NO.
NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
CORRIDOR TO UNIT DEMISING WALL 2HRS.
UNIT TO UNIT DEMISING WALL 1HR.
SHAFT WALL 2HRS.
STAIR AND ELEVATOR WALL 2HRS.
MECHANICAL AND ELECTRICAL ROOMS 2HRS.
*RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

9/17/2014 6:50:38 PM

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Facade Maintenance Consultant:
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166 Ames Street
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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Contruction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

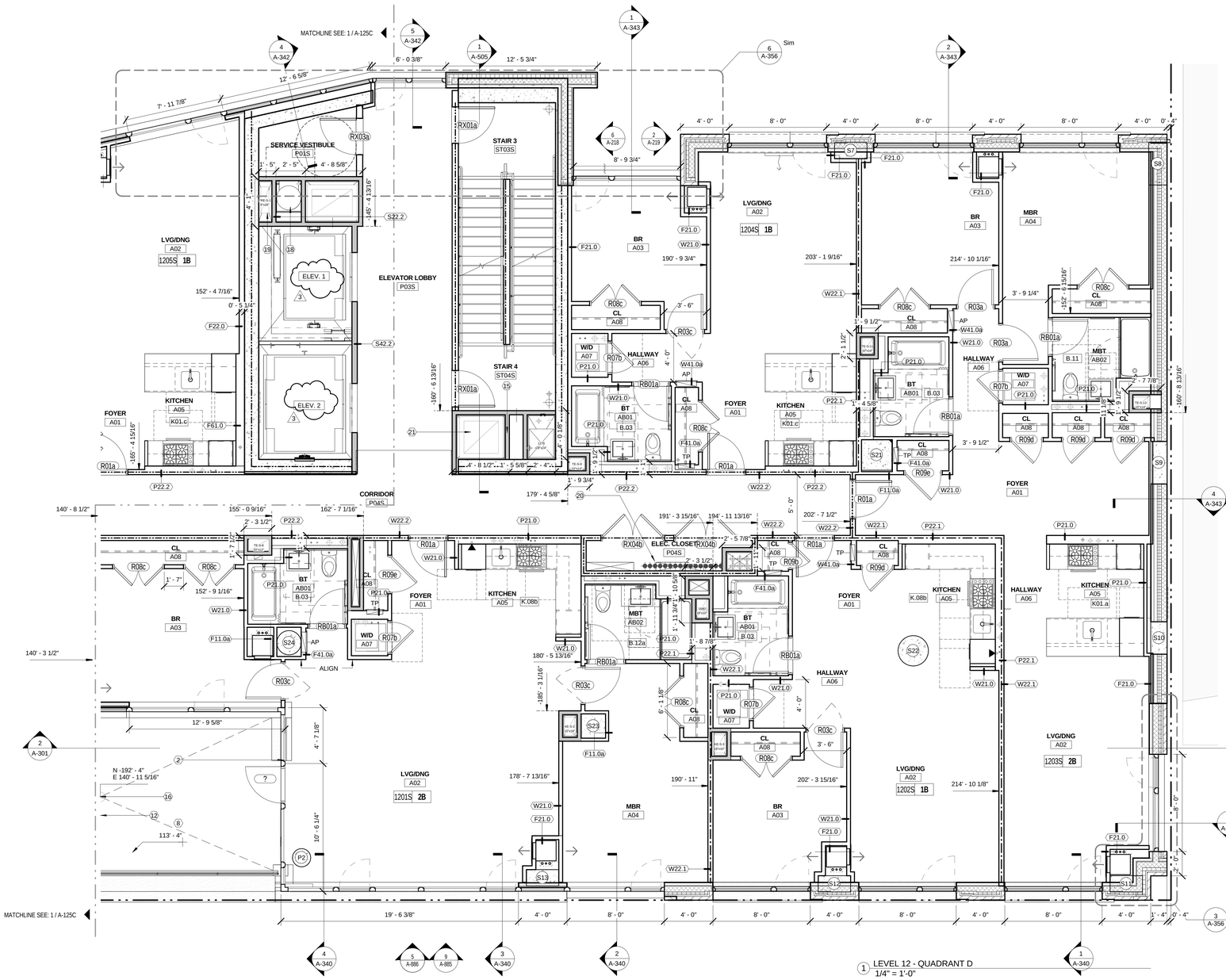
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 12 PLAN - QUADRANT C

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-125C .00	

STAMP
NYC DOB NO: 121185626
DRAWING NO.



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
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20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

9/17/2014 6:50:49 PM

525 WEST 52ND ST

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t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

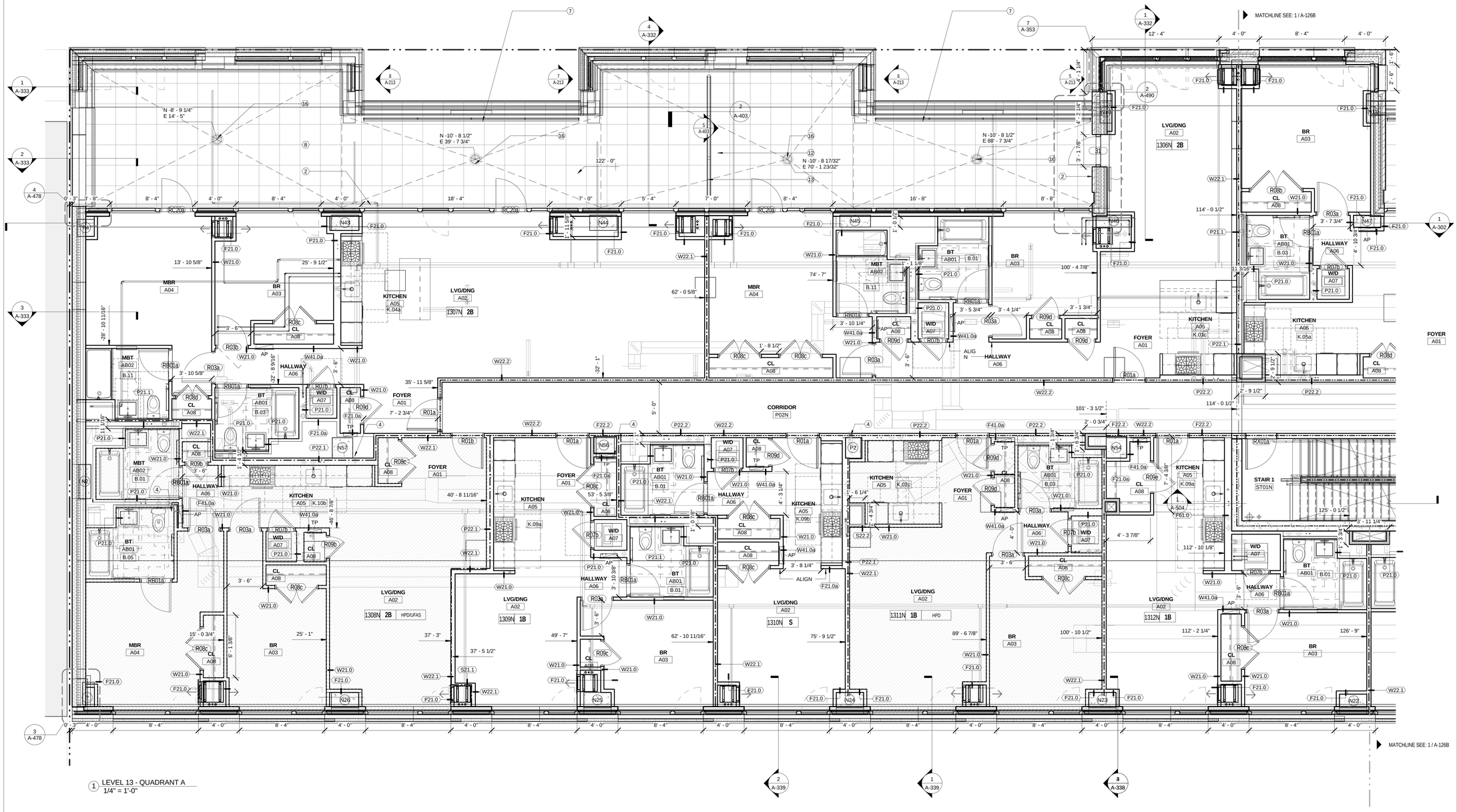
DRAWING TITLE:
FLOOR 12 PLAN - QUADRANT D

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

STAMP

NYC DOB NO: 121185626

DRAWING NO.
A-125D .00



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL, ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS, THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

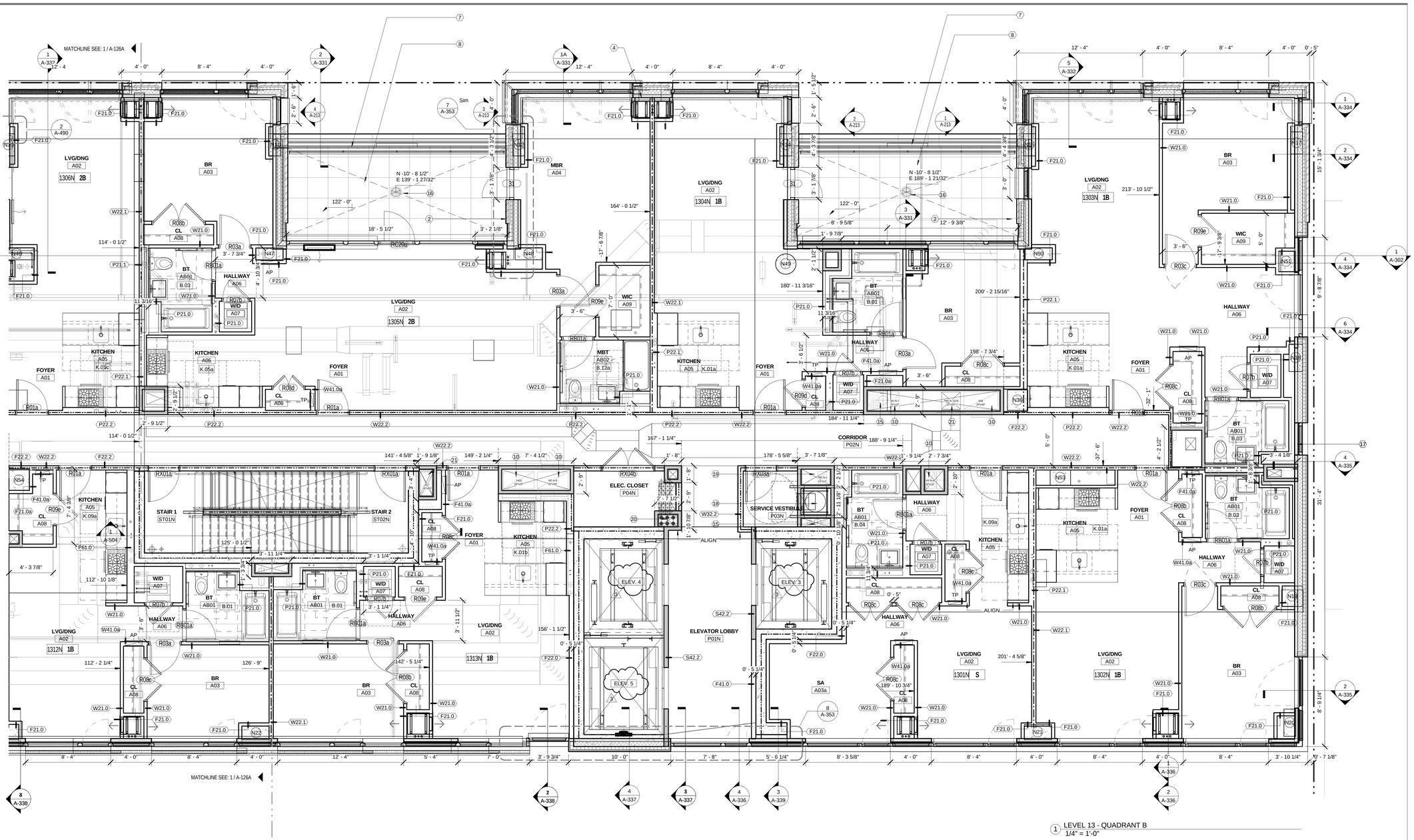
FLOOR 13 PLAN - QUADRANT A

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-126A .00	
DRAWING NO	

STAMP:

NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS, THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
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20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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t. 212.725.6800

Lighting Consultant:
Bliss Fasman Inc.
23 Leonard Street, # 5
New York, NY 10013
t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

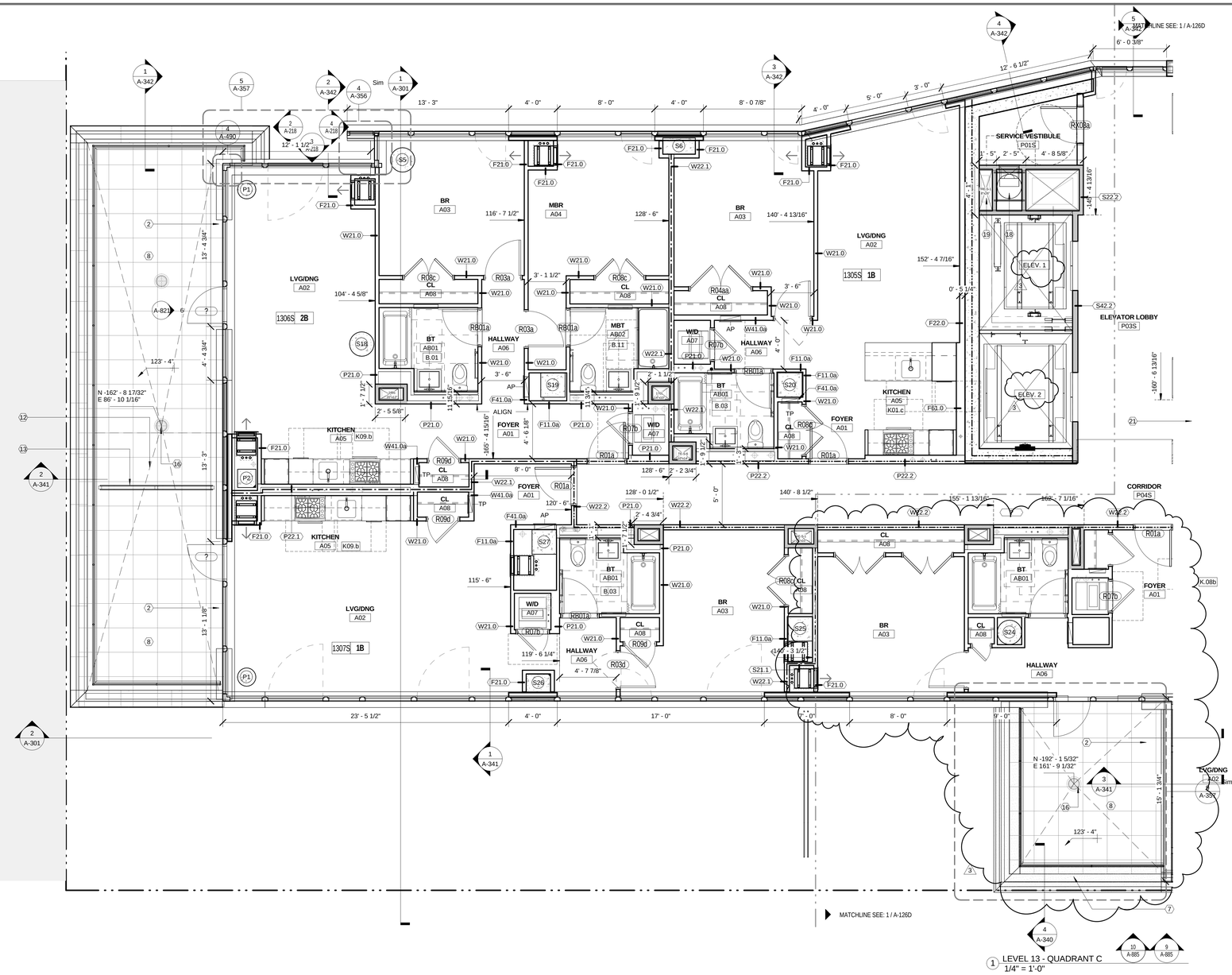
NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 13 PLAN - QUADRANT B

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY:	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-126B .00	
STAMP:	DRAWING NO
NYC DOB NO: 121185626	



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PROPPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS, IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
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28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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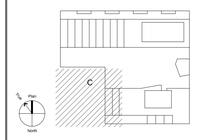
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 13 PLAN - QUADRANT C

DRAWING TITLE:

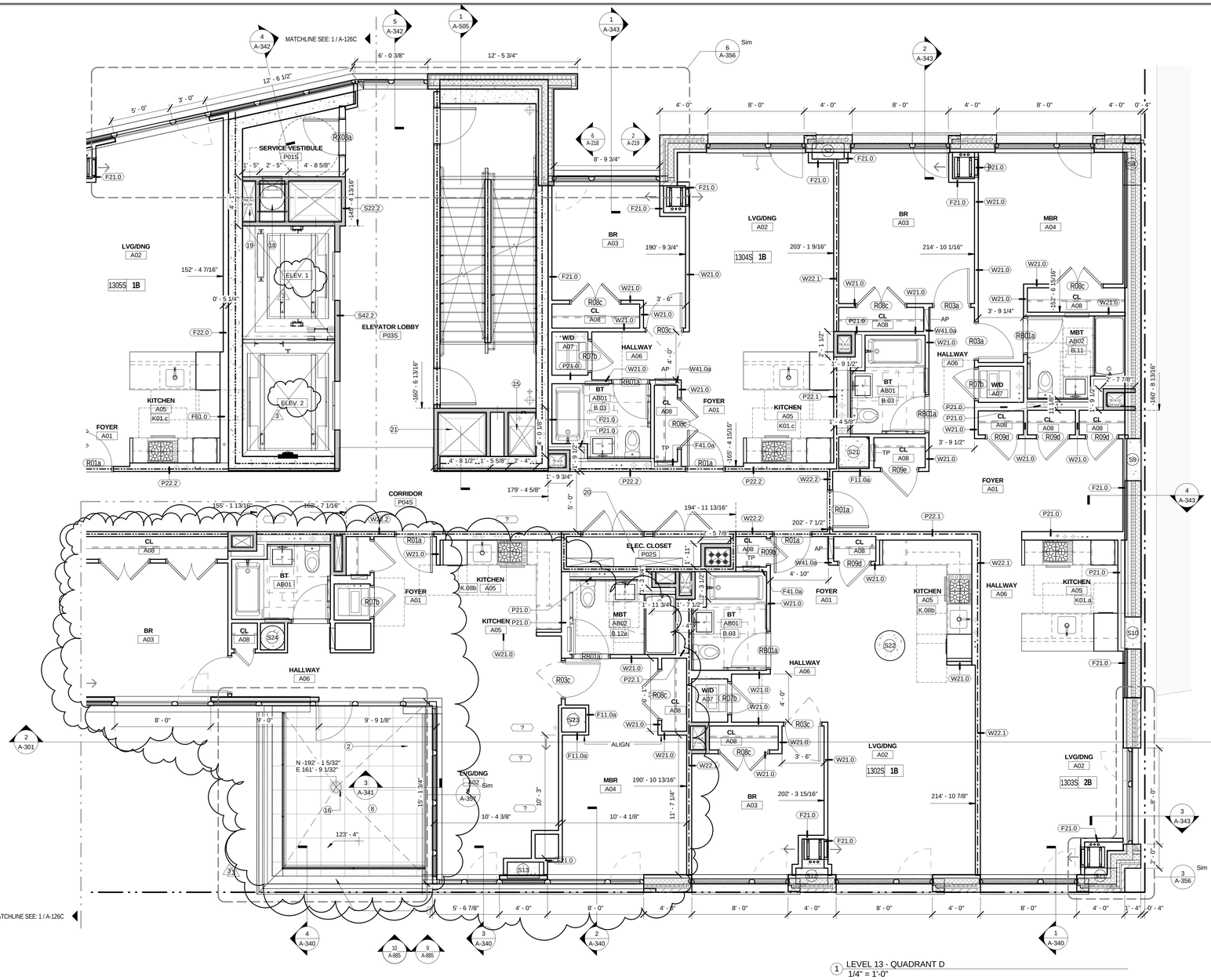
YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-126C .00

DRAWING NO.

STAMP

NYC DOB NO: 121185626



1 LEVEL 13 - QUADRANT D
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
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18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PRROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISITING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Lighting Consultant:
Bliss Fasman Inc.
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t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

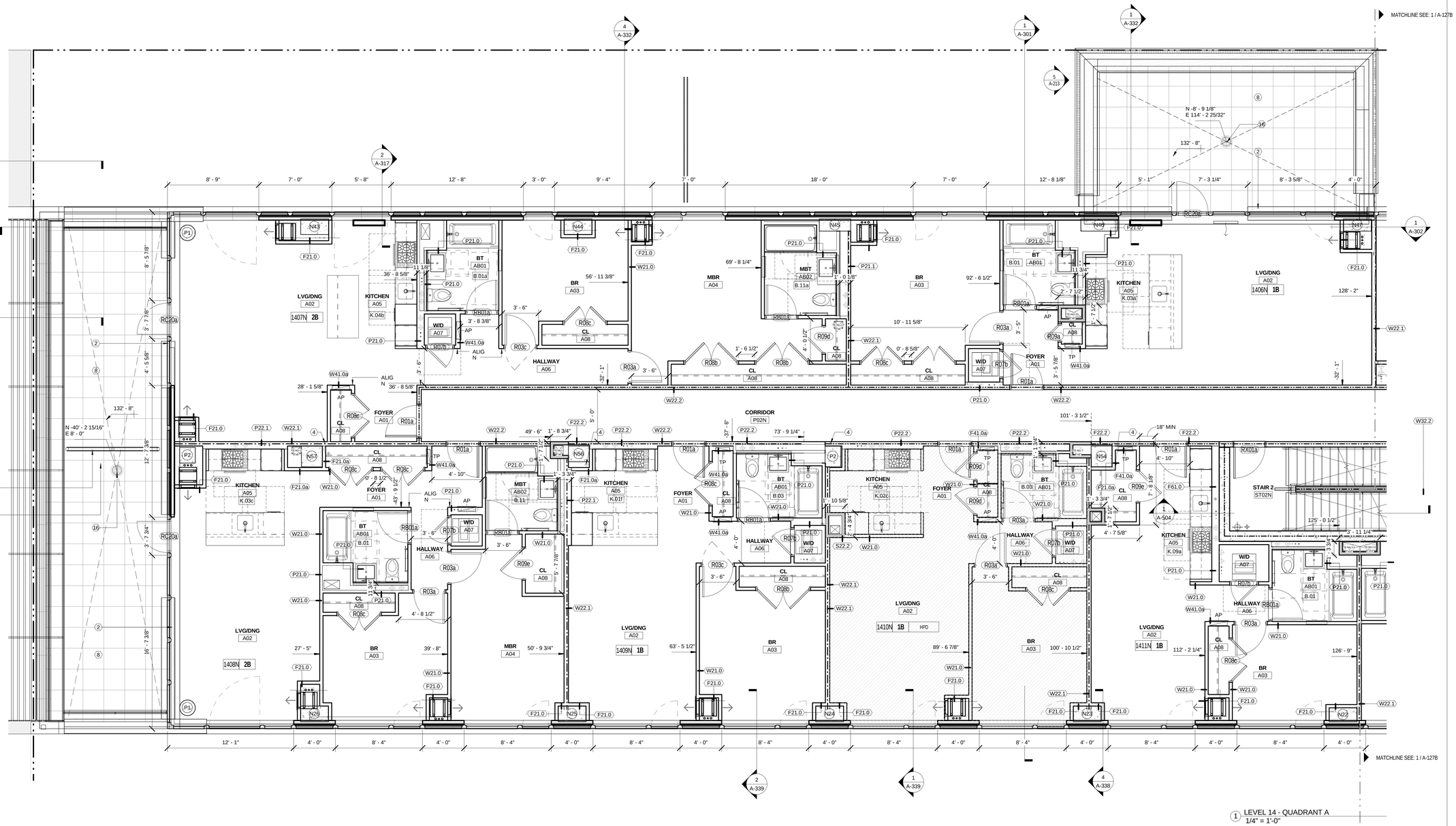
NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 13 PLAN - QUADRANT D

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-126D .00	
STAMP	DRAWING NO.
NYC DOB NO: 121185626	



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL, ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Facade Maintenance Consultant:
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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

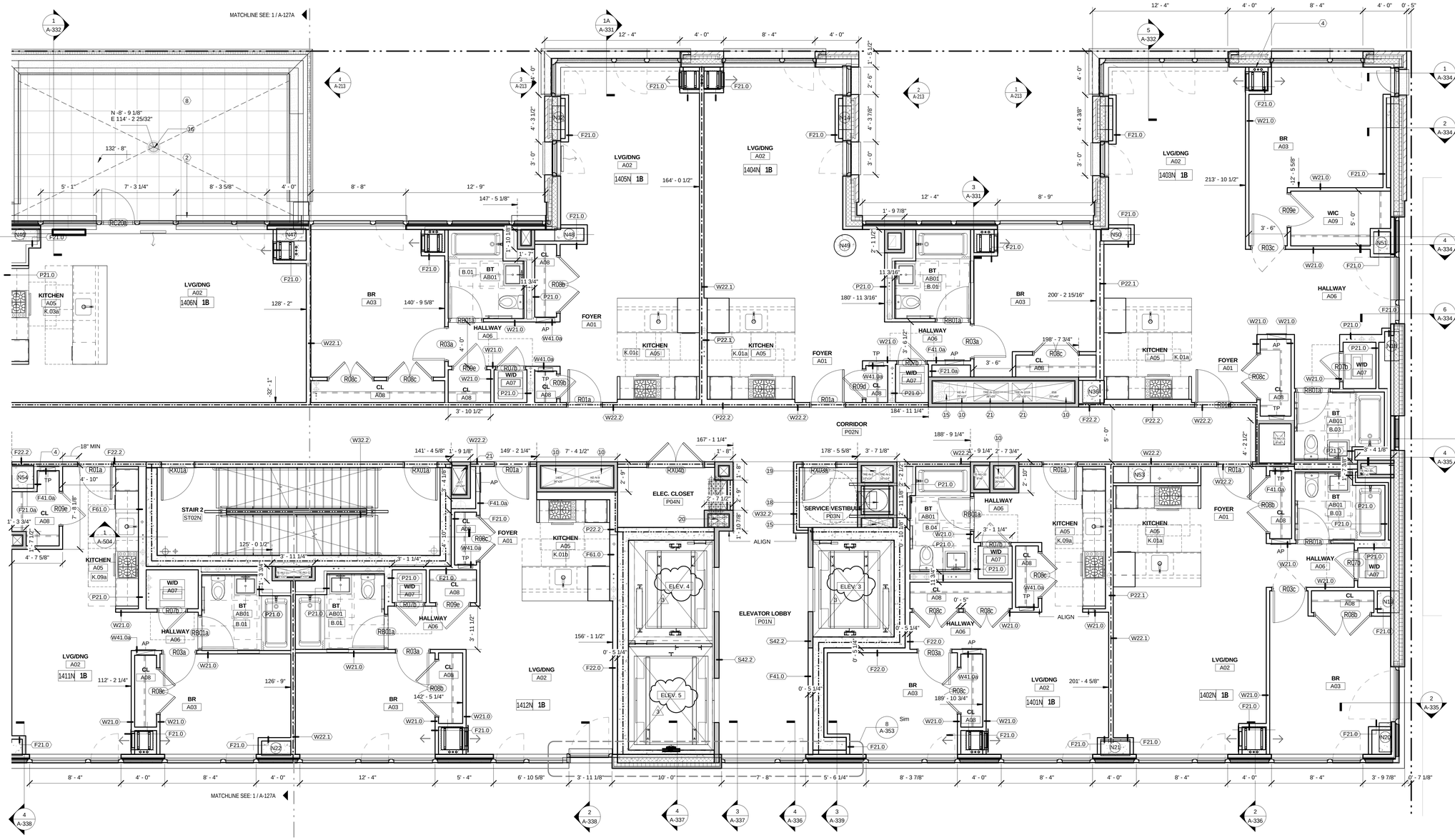
FLOOR 14 PLAN - QUADRANT A

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-127A .00
DRAWING NO.

STAMP.
NYC DOB NO: 121185626



1 LEVEL 14 - QUADRANT B
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF: A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS, IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDON IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
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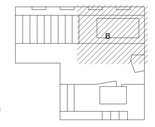
t. 201.820.2801

ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

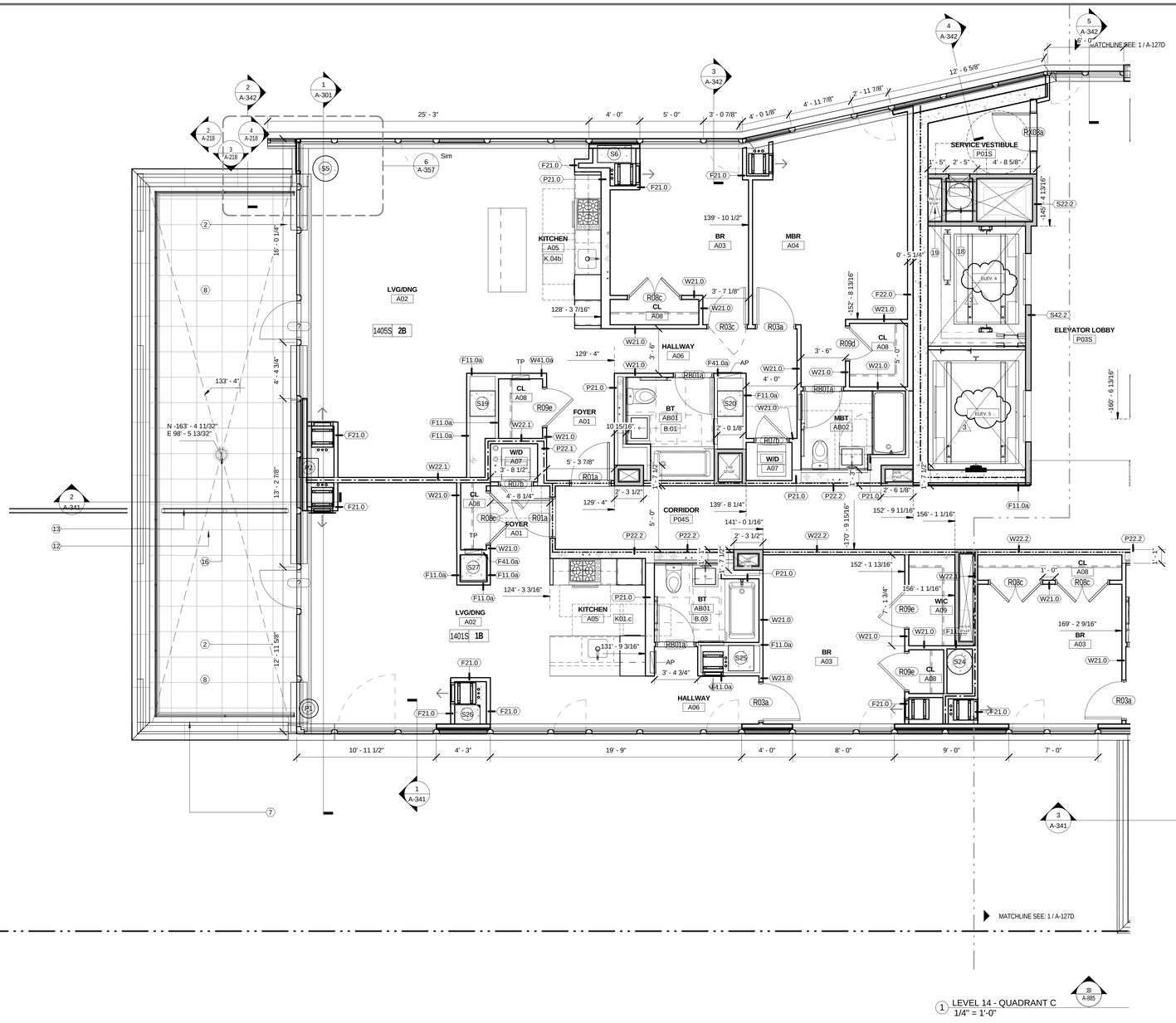
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 14 PLAN - QUADRANT B

DRAWING TITLE:

DRAWN BY:	YK
CHECKED BY:	AS
DATE:	SEE REV SCHED
SCALE:	1/4" = 1'-0"
PROJECT NO.	821
DRAWING NO.	A-127B .00

STAMP:
NYC BOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDIOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULlDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Facade Maintenance Consultant:
Entek Engineering
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Hackensack, NJ 07601
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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

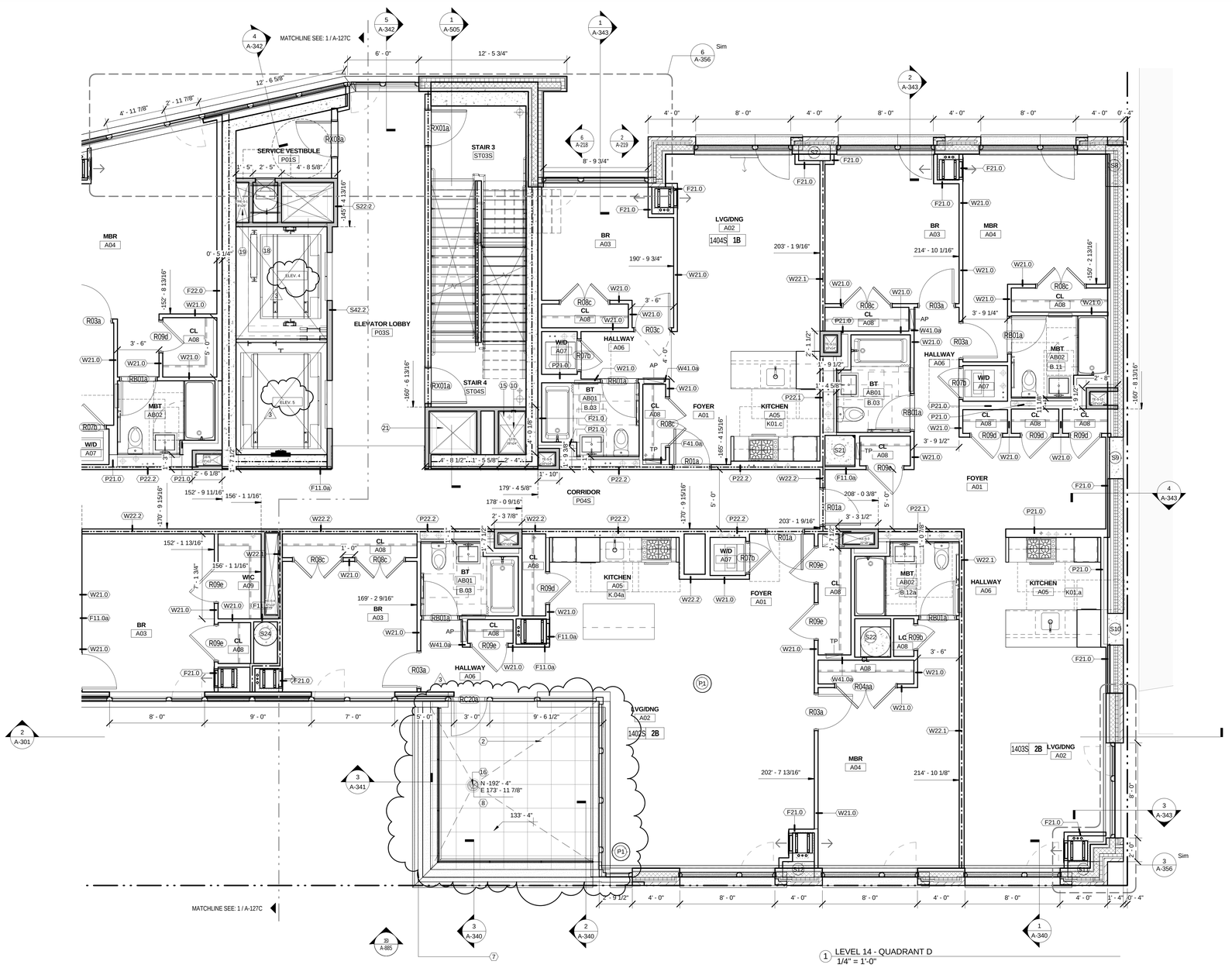
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 14 PLAN - QUADRANT C

DRAWING TITLE:

DRAWN BY	YK
SCALE:	1/4" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-127C .00

STAMP
NYC DOB NO: 121185626



1 LEVEL 14 - QUADRANT D
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
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15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED W22.2 U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE W22.1 U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE W21.0 U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE S22.2 U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE P21.0 U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE P22.2 U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE F22.0 U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	B-12 ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- AP — APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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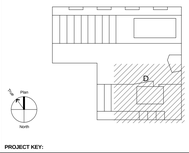


PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Consruction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 14 PLAN - QUADRANT D

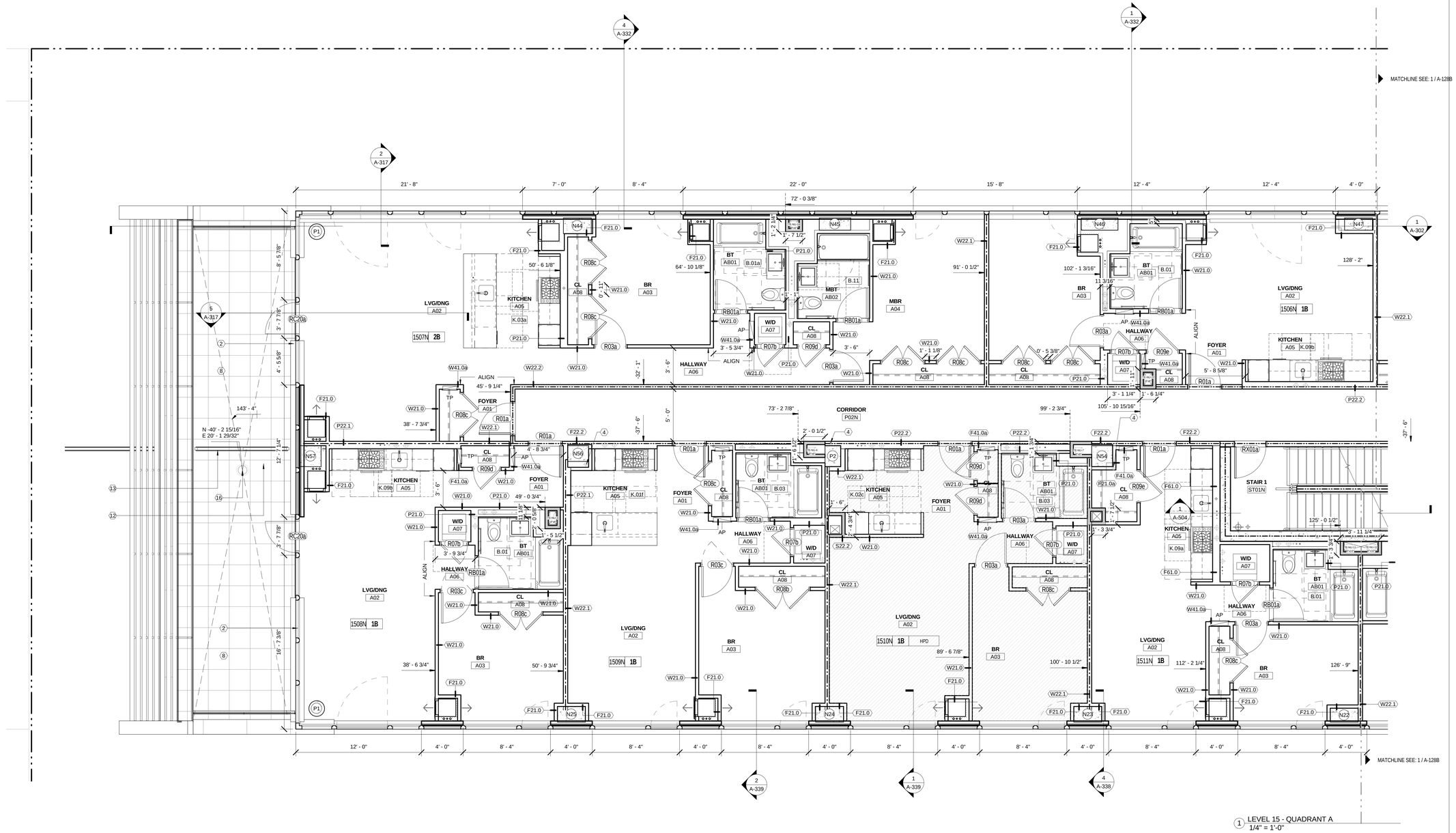
DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-127D .00	

STAMP

NYC DOB NO: 121185626

DRAWING NO.



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISITING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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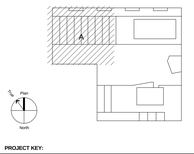
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

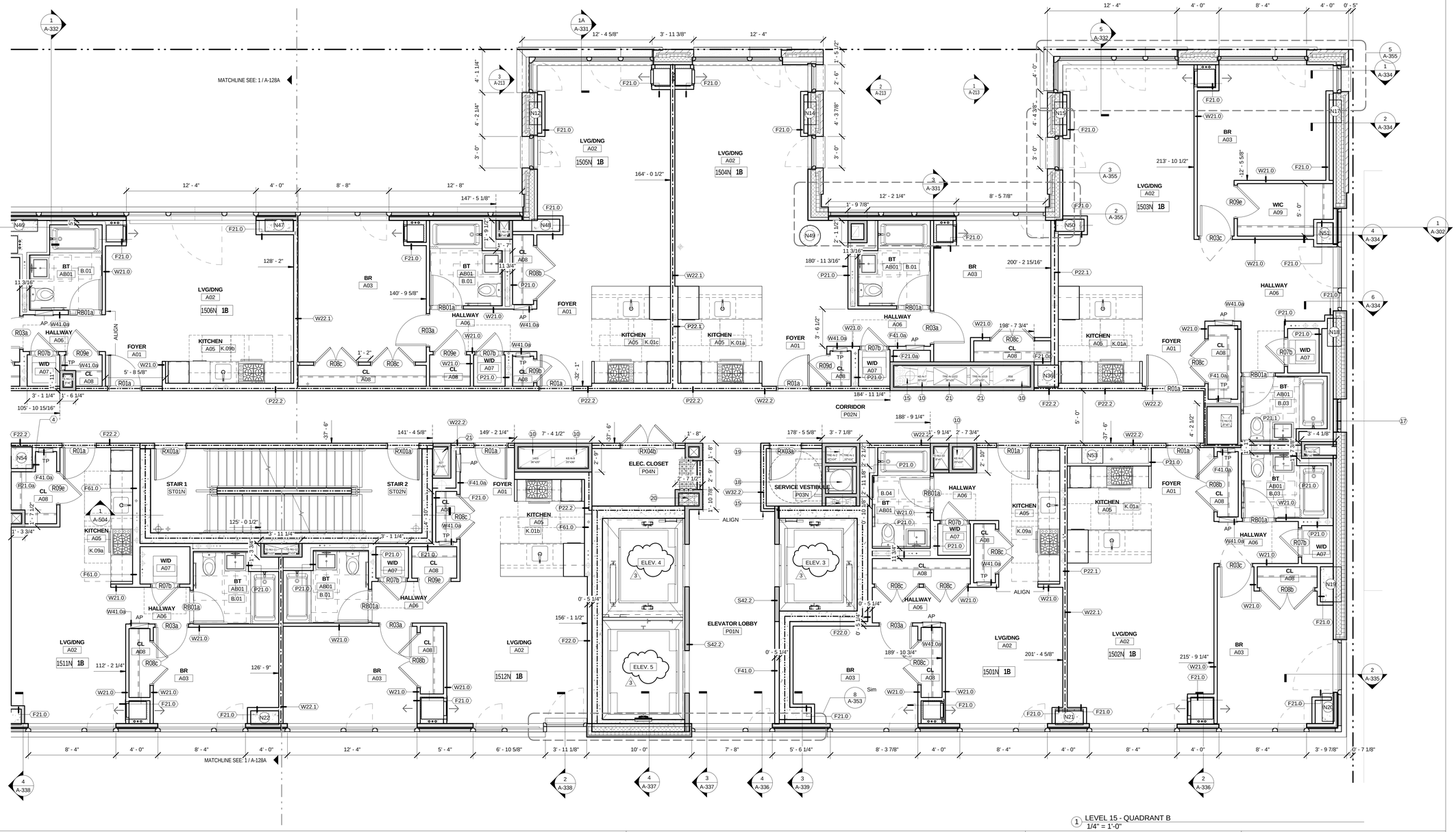
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 15 PLAN - QUADRANT A

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-128A .00	

STAMP
NYC DOB NO: 121185626
DRAWING NO.



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED W22.2 U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE W22.1 U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE W21.0 U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE S22.2 U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE P21.0 U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE P22.2 U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE F22.0 U.O.N. REF: A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS, IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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525 WEST 52ND ST

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Livingston, NJ 07039
t. 973.994.9220

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Brooklyn, NY 11231
t. 718.855.8995

Acoustic Consultant:
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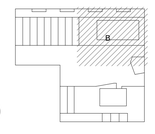
t. 212.725.6800

Lighting Consultant:
Bliss Fasman Inc.
23 Leonard Street, # 5
New York, NY 10013
t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

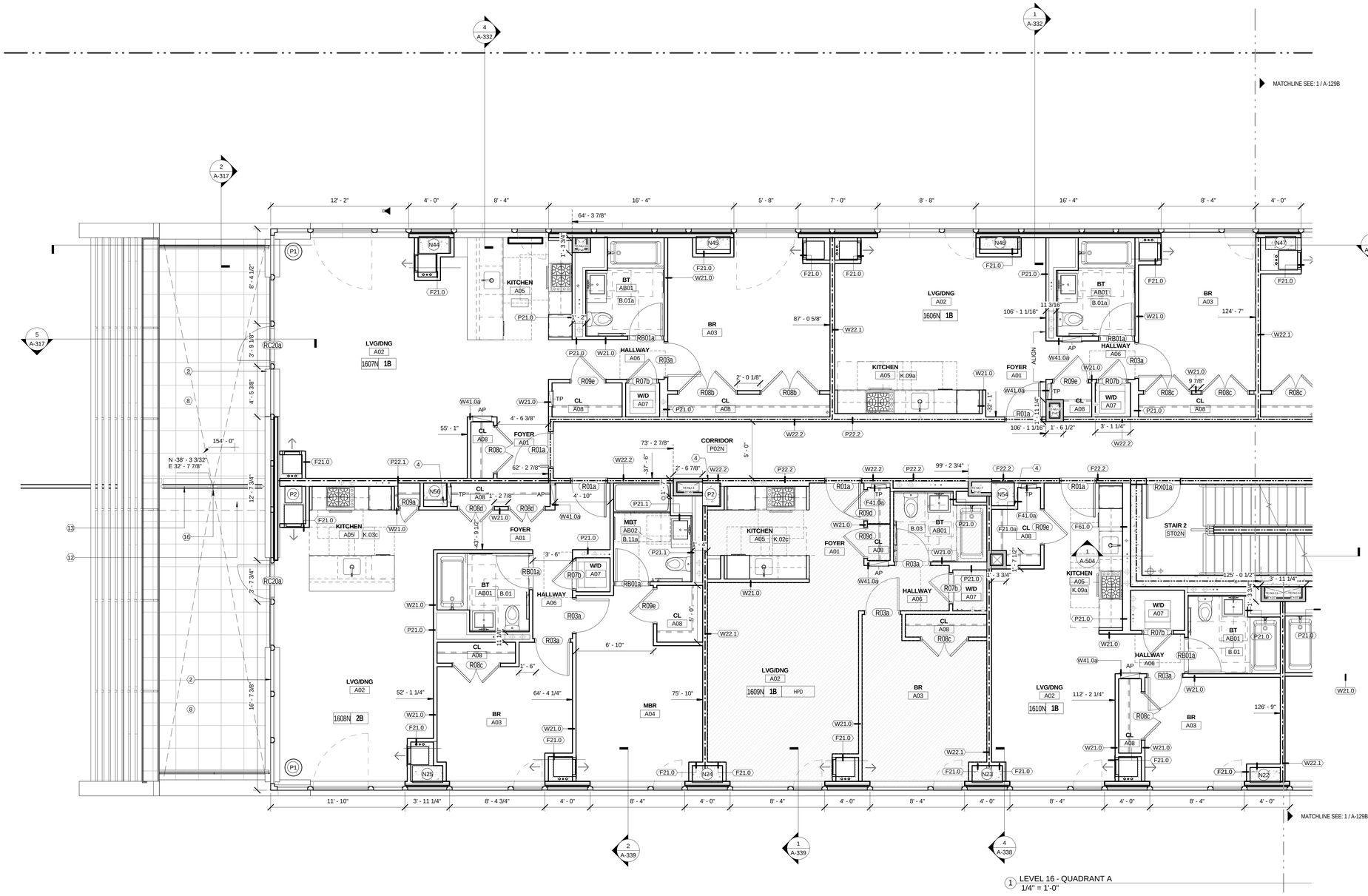
FLOOR 15 PLAN - QUADRANT B

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY:	SCALE:
AS	821
CHECKED BY:	PROJECT NO.
DATE: SEE REV SCHED	

A-128B .00

STAMP: DRAWING NO.
NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
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14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
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20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
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25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISITING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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525 WEST 52ND ST

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Lighting Consultant:
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Facade Maintenance Consultant:
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Hackensack, NJ 07601
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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 16 PLAN - QUADRANT A

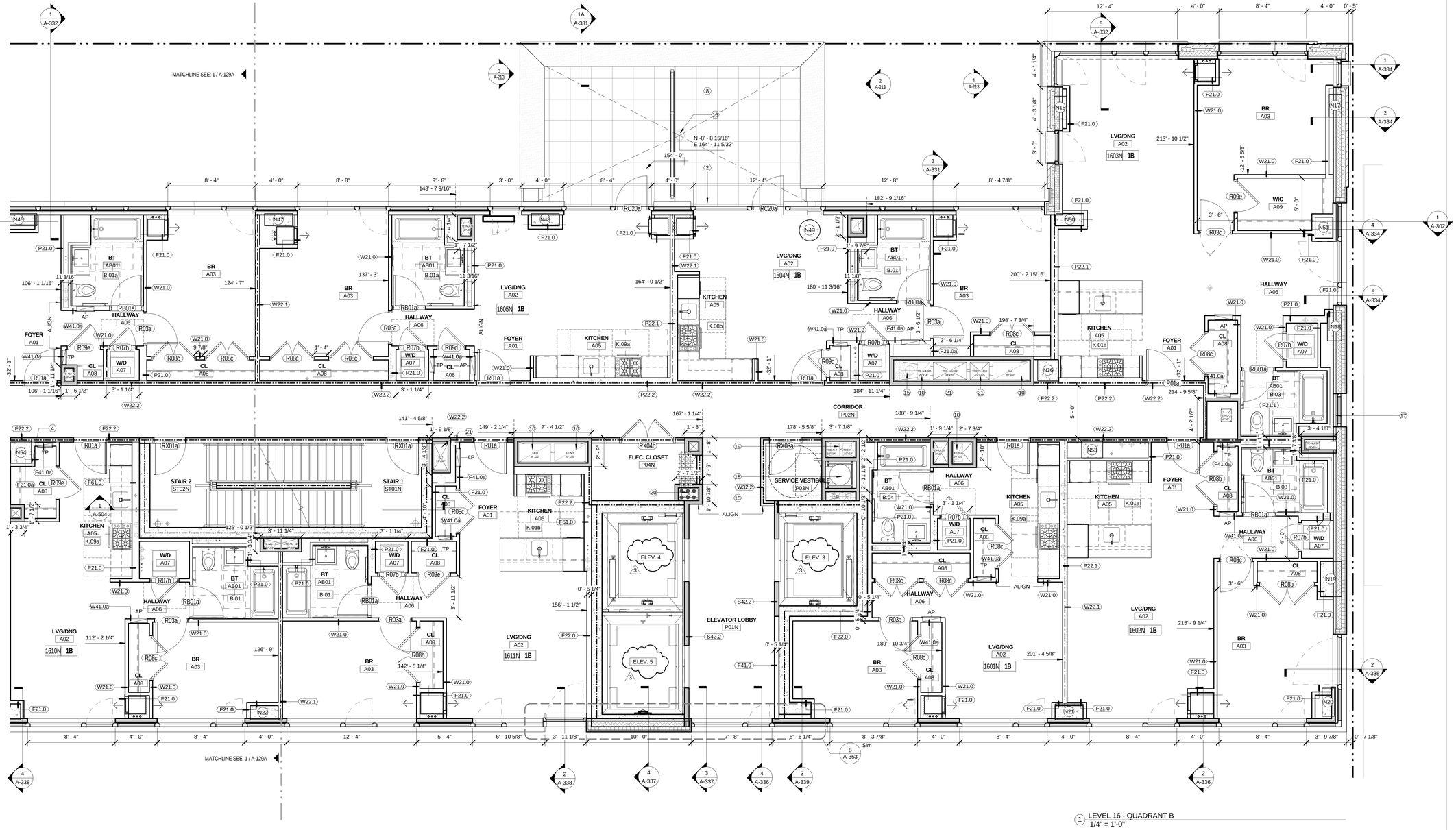
DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-129A .00	

STAMP

NYC DOB NO: 121185626

DRAWING NO.



1 LEVEL 16 - QUADRANT B
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PROPPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDIOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS, IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

9/17/2014 6:53:09 PM

525 WEST 52ND ST

RITTERMAN CAPITAL/TACONIC INVESTMENT

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MEP Engineer
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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

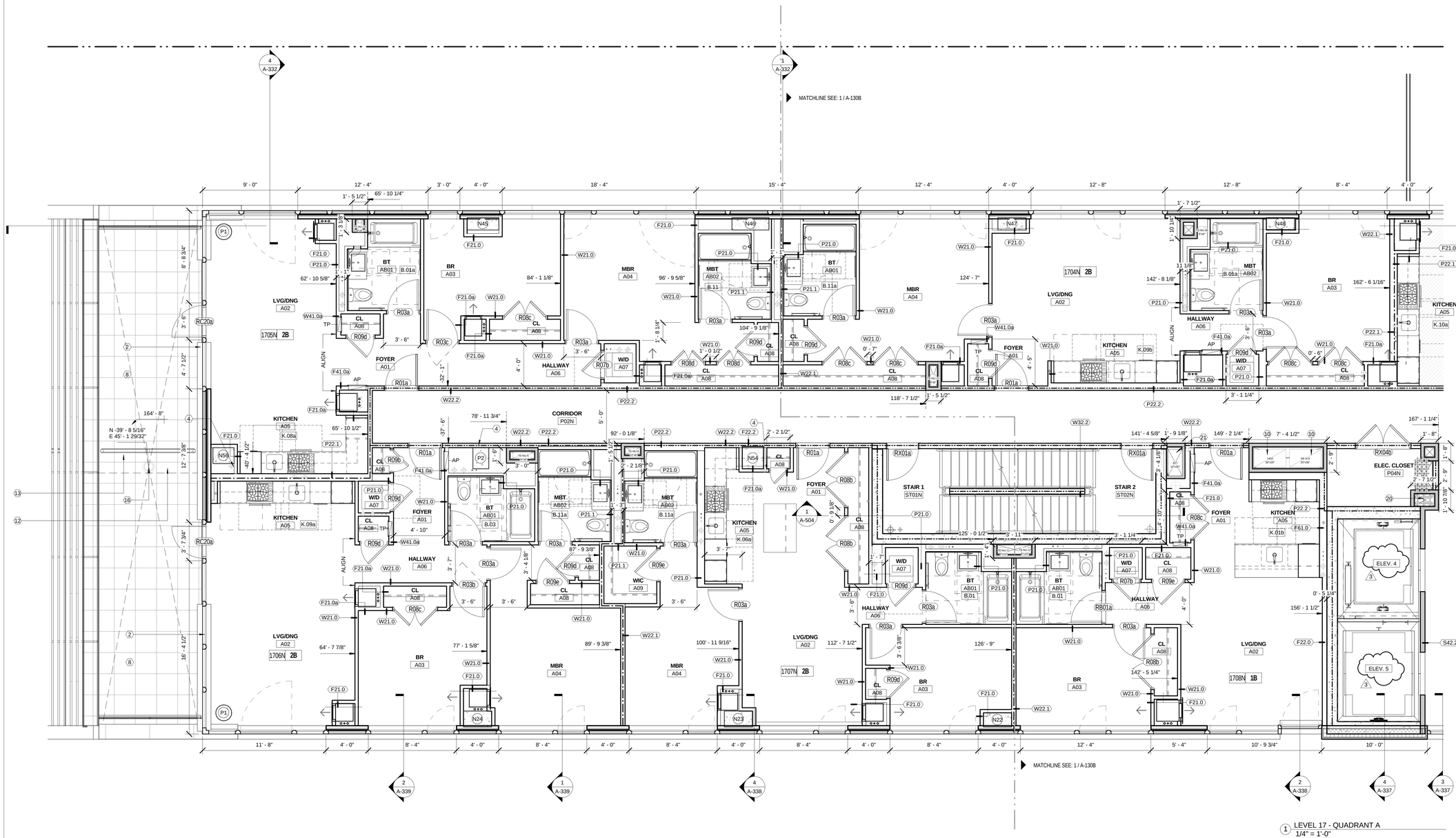
FLOOR 16 PLAN - QUADRANT B

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-129B .00	

STAMP

NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
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4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
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8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
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20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

9/17/2014 6:53:23 PM

525 WEST 52ND ST
RITTERMAN CAPITAL/TACONIC INVESTMENT

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Structural Engineer
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MEP Engineer
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Acoustic Consultant:
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Lighting Consultant:
Bliss Fasman Inc.
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t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

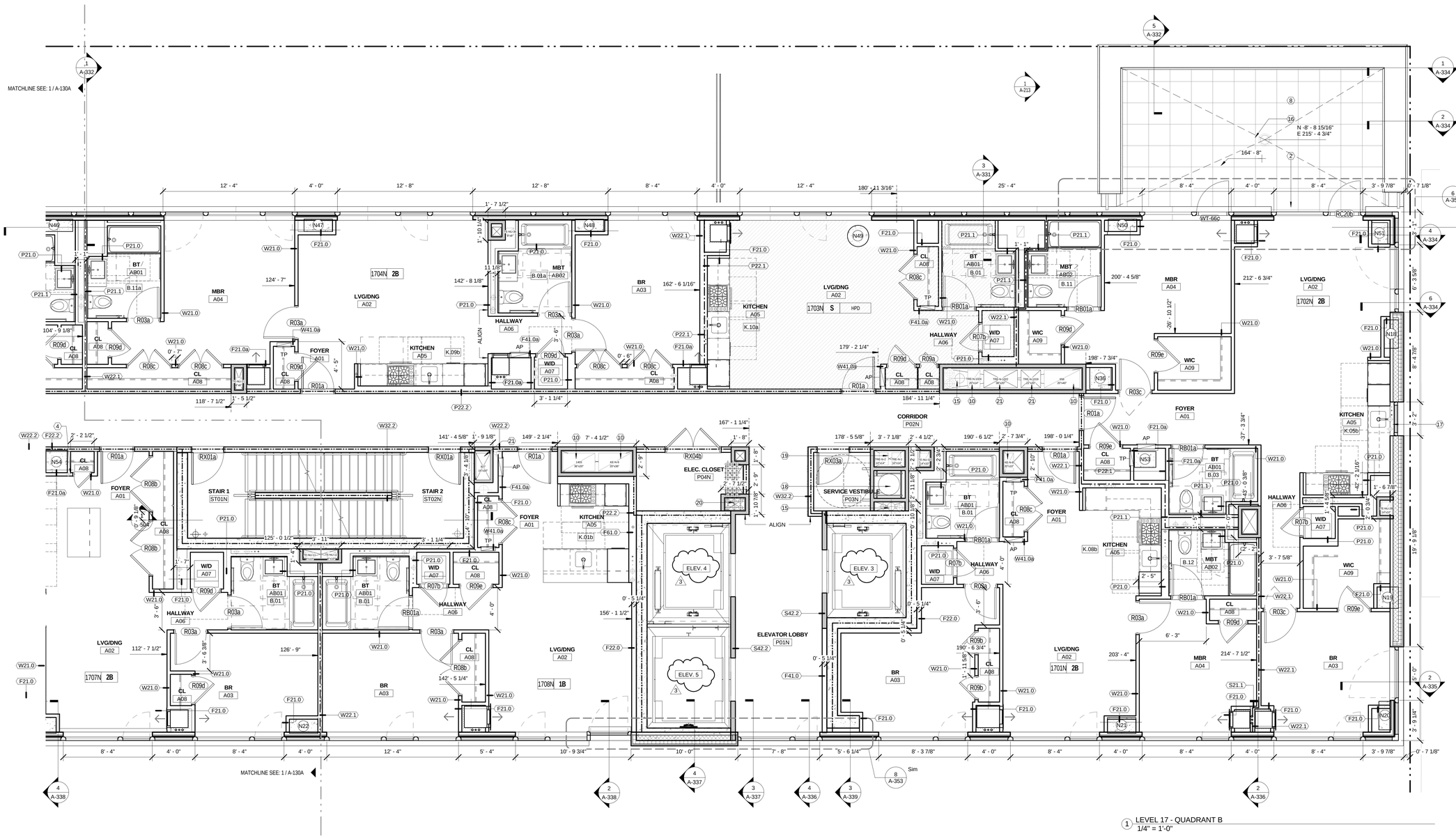
FLOOR 17 PLAN - QUADRANT A

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-130A .00

STAMP
DRAWING NO.
NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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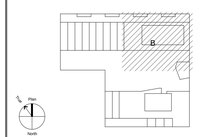
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
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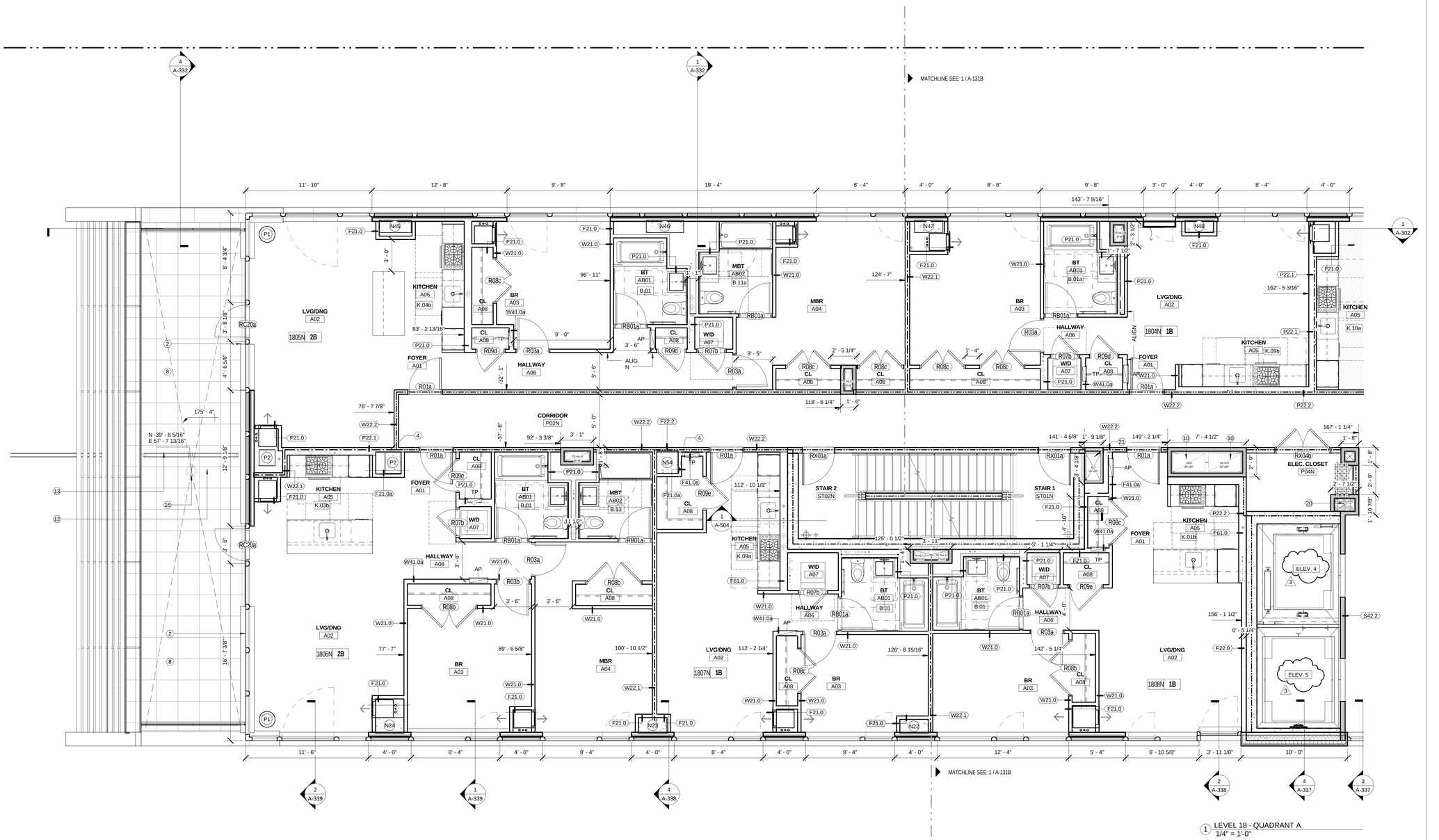
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

DRAWING TITLE:
FLOOR 17 PLAN - QUADRANT B

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-130B .00	

STAMP
DRAWING NO.
NYC DOB NO: 121185626



1 LEVEL 18 - QUADRANT A
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
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19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON *CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISITING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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525 WEST 52ND ST

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Lighting Consultant:
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New York, NY 10013
t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 18 PLAN - QUADRANT A

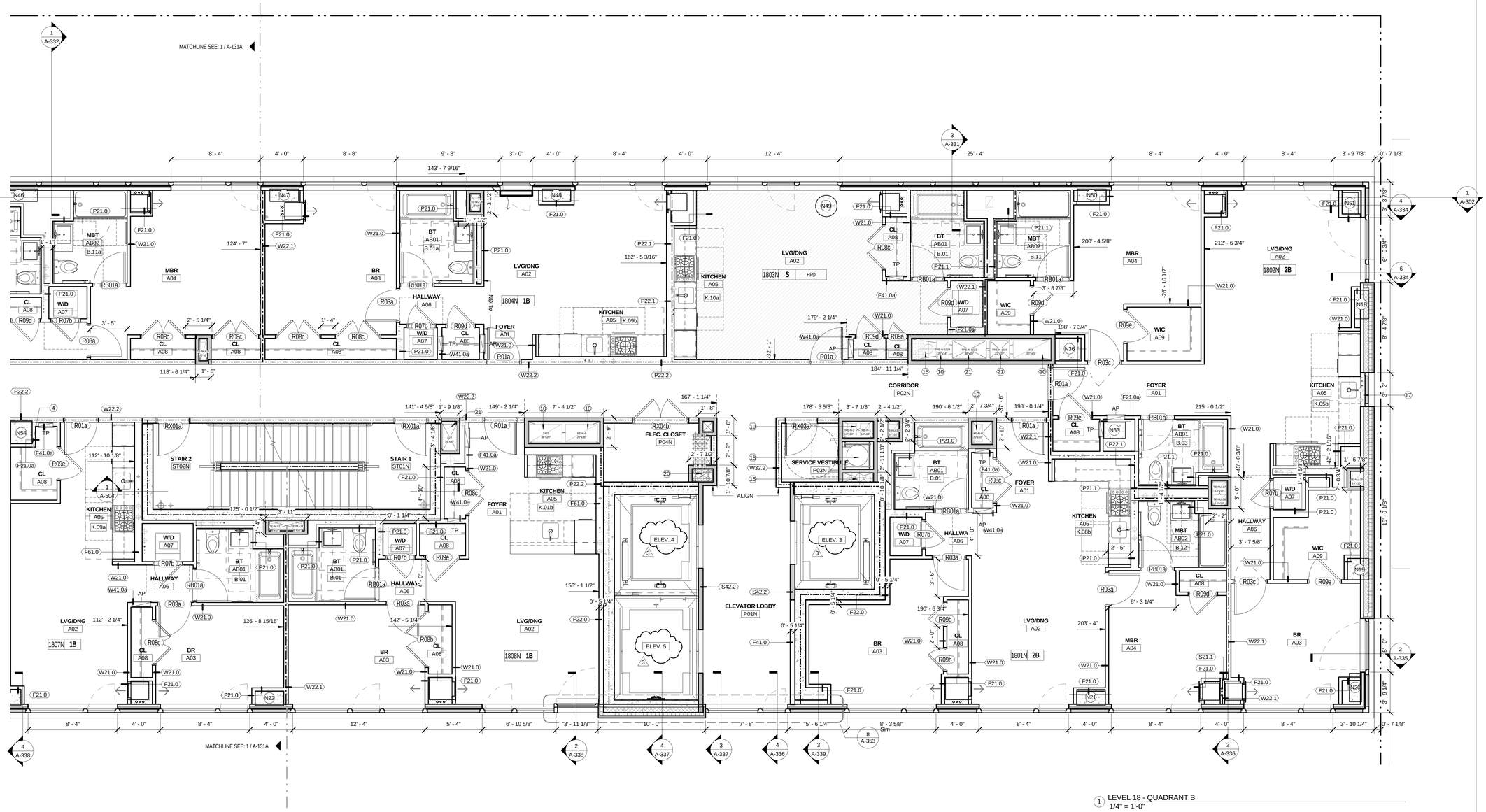
DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-131A .00
DRAWING NO

STAMP

NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS, THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *PATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISITING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 18 PLAN - QUADRANT B

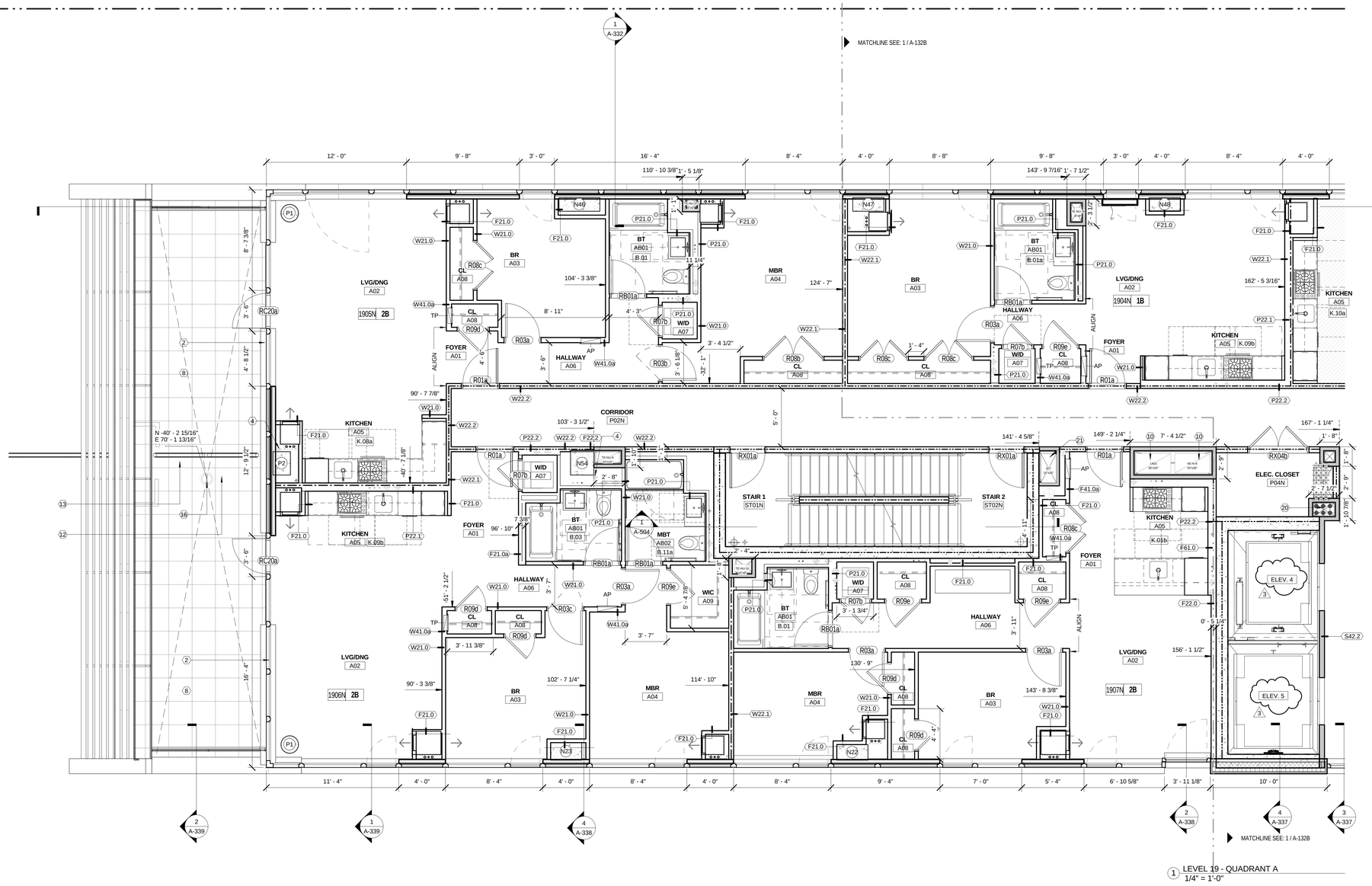
DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-131B .00
DRAWING NO

STAMP

NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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525 WEST 52ND ST

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Lighting Consultant:
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t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

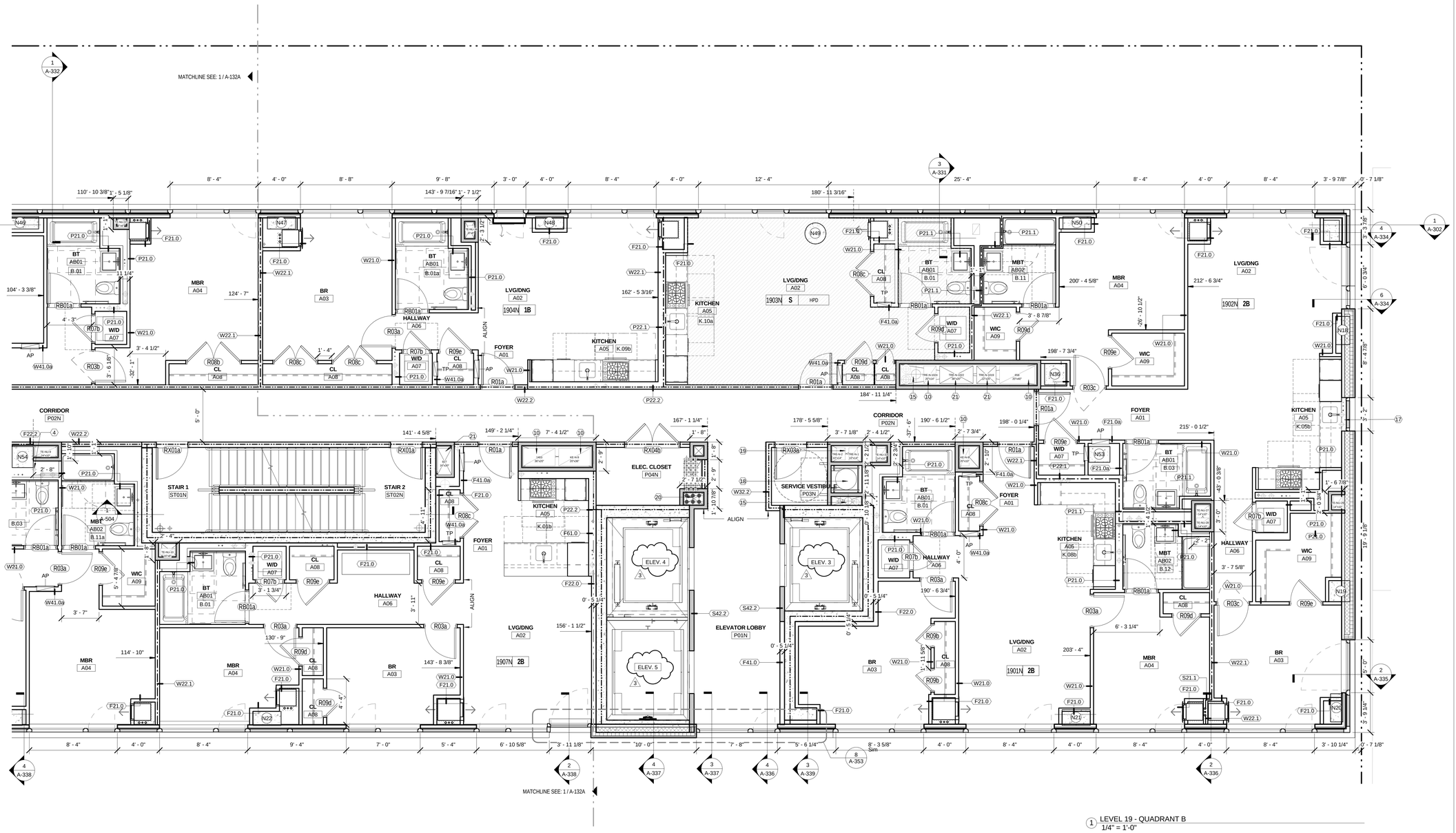
FLOOR 19 PLAN - QUADRANT A

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-132A .00	

STAMP

NYC DOB NO: 121185626



1 LEVEL 19 - QUADRANT B
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTICS INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
CORRIDOR TO UNIT DEMISING WALL 2HRS.
UNIT TO UNIT DEMISING WALL 1HR.
SHAFT WALL 2HRS.
STAIR AND ELEVATOR WALL 2HRS.
MECHANICAL AND ELECTRICAL ROOMS 2HRS.
*RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
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22	KNOCK OUT PANELS
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28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 19 PLAN - QUADRANT B

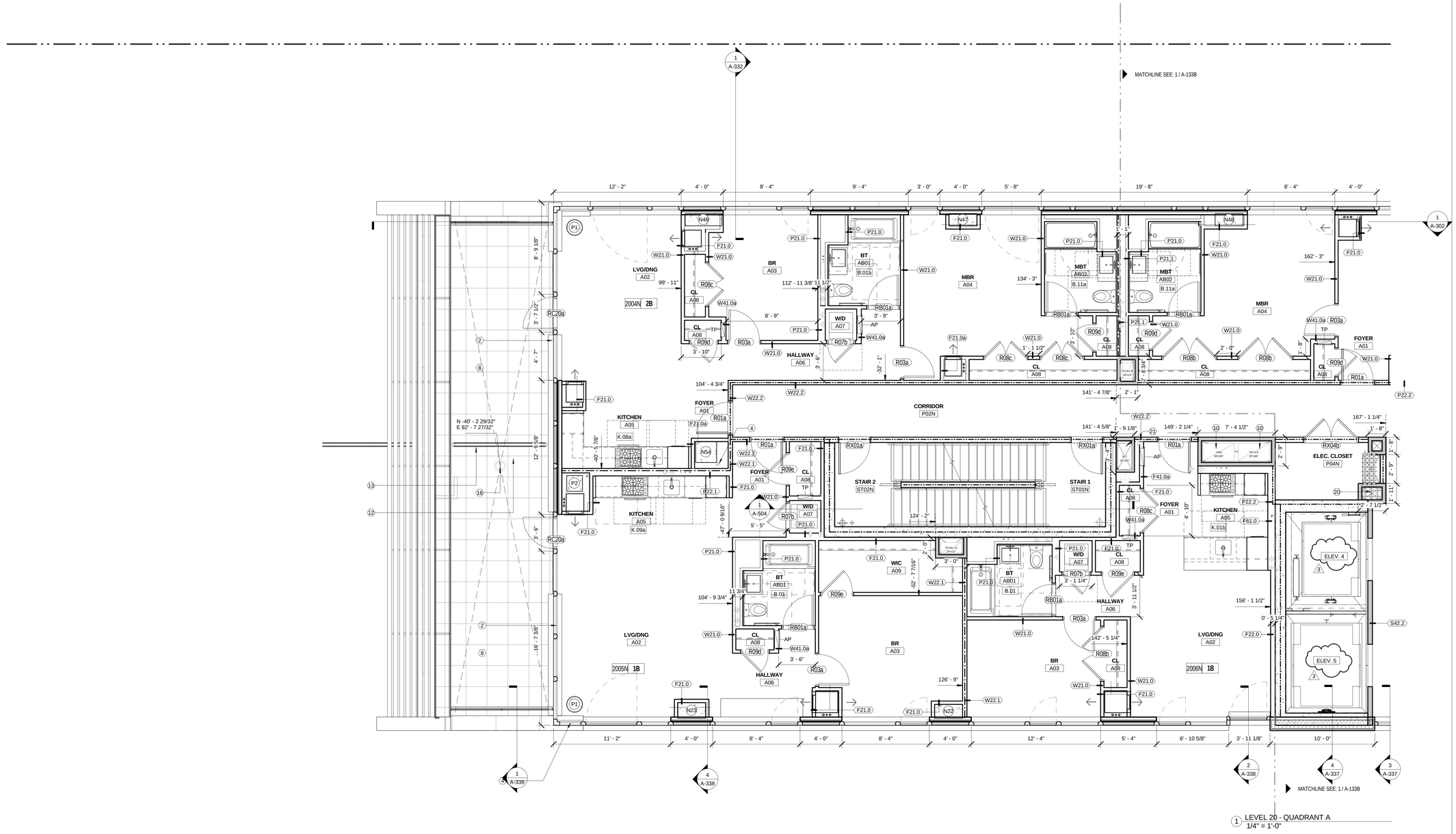
DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	8/21
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-132B .00	

STAMP

NYC DOB NO: 121185626

DRAWING NO.



1 LEVEL 20 - QUADRANT A
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE(S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE(P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE(P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE(F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISITNG ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

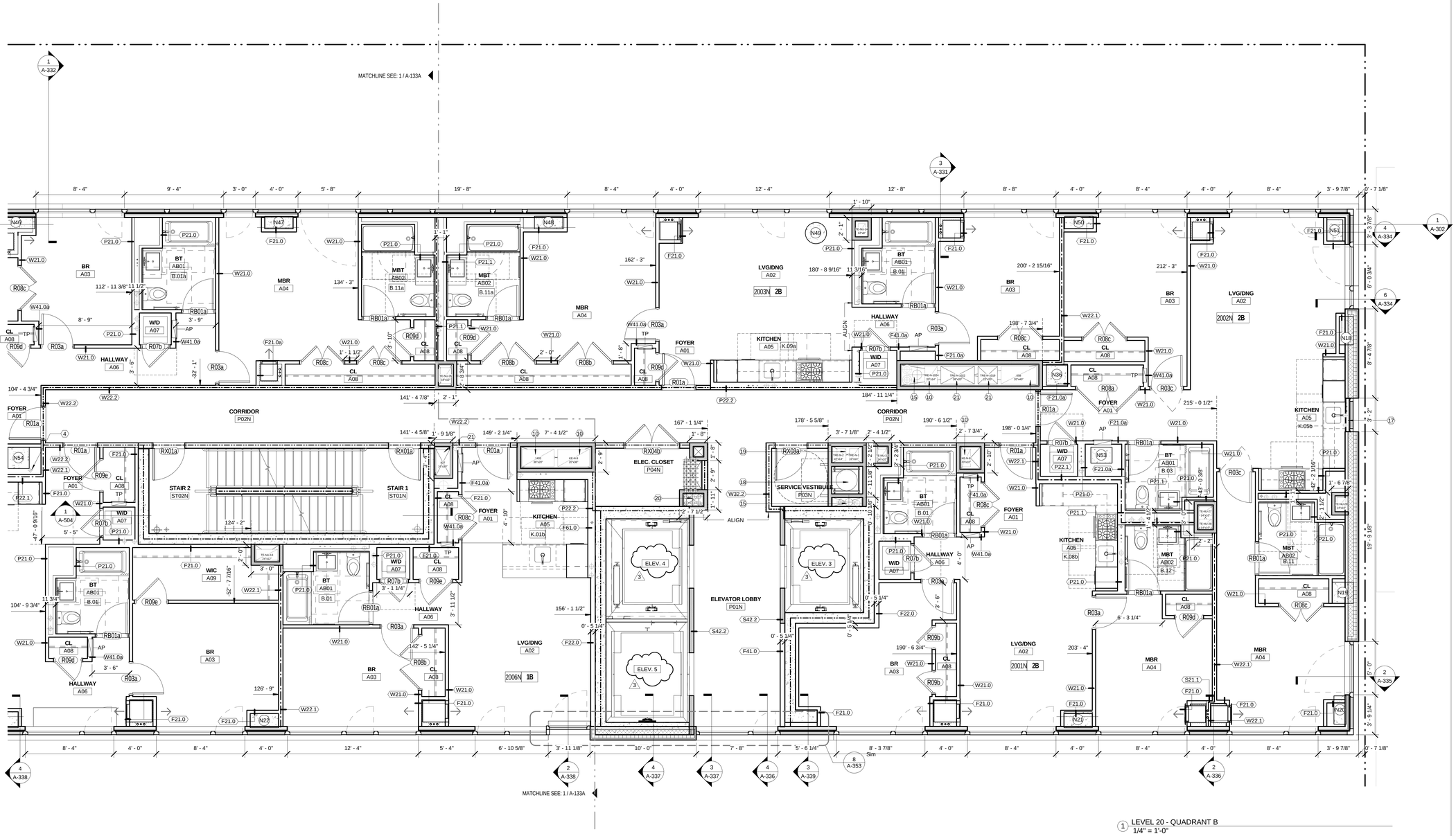
FLOOR 20 PLAN - QUADRANT A

DRAWING TITLE:

DRAWN BY	YK
SCALE:	1/4" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-133A .00

STAMP

NYC DOB NO: 121185626



1 LEVEL 20 - QUADRANT B
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS, THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
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22	KNOCK OUT PANELS
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33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
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- AFFORDABLE UNITS
- OPERABLE WINDOWS
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- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

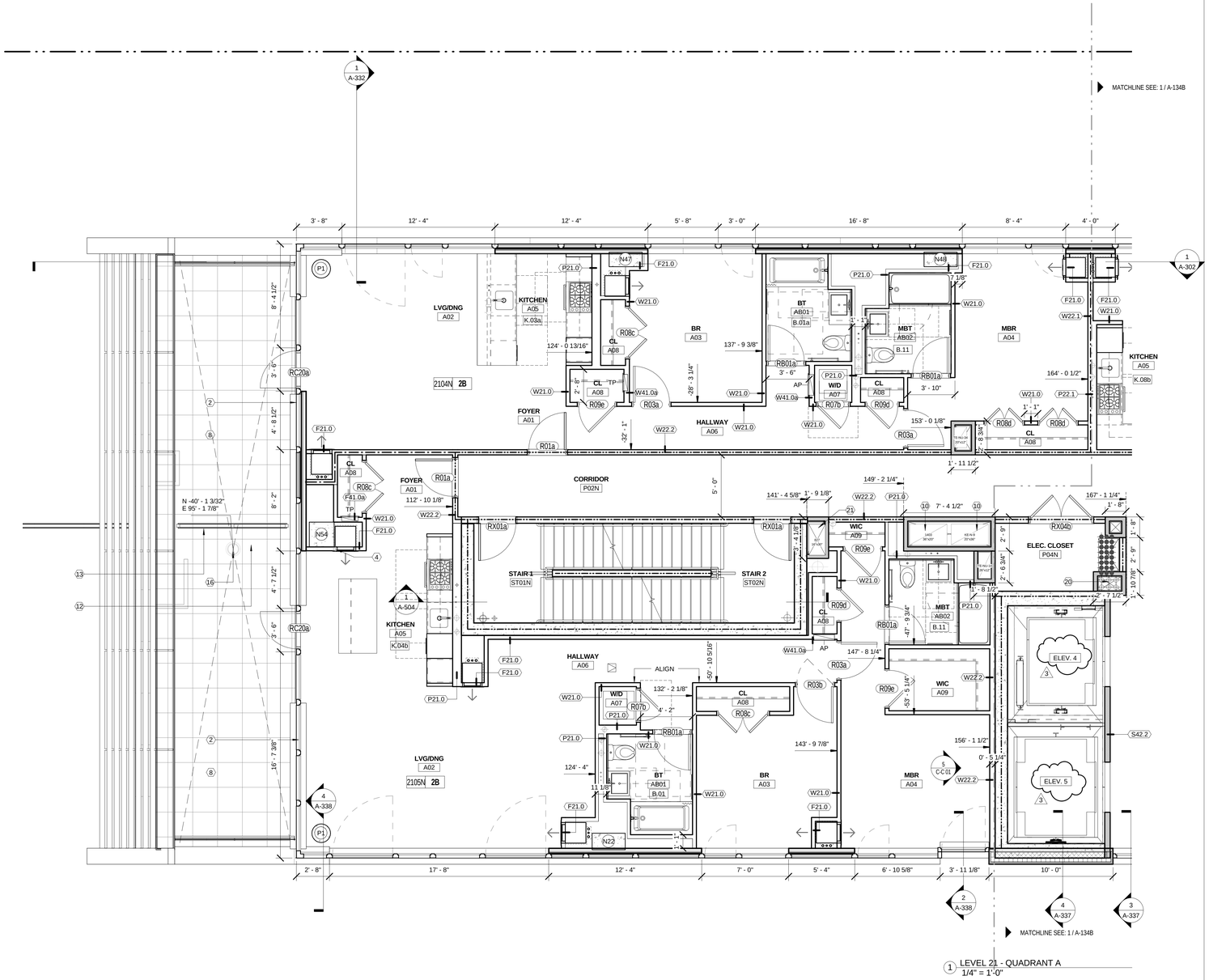
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 20 PLAN - QUADRANT B

DRAWING TITLE:

DRAWN BY	YK
SCALE:	1/4" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO	A-133B .00

STAMP:
NYC DOB NO: 121185626



PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
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20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
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27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE: (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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Facade Maintenance Consultant:
Entek Engineering
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Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/11/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 21 PLAN - QUADRANT A

DRAWING TITLE:

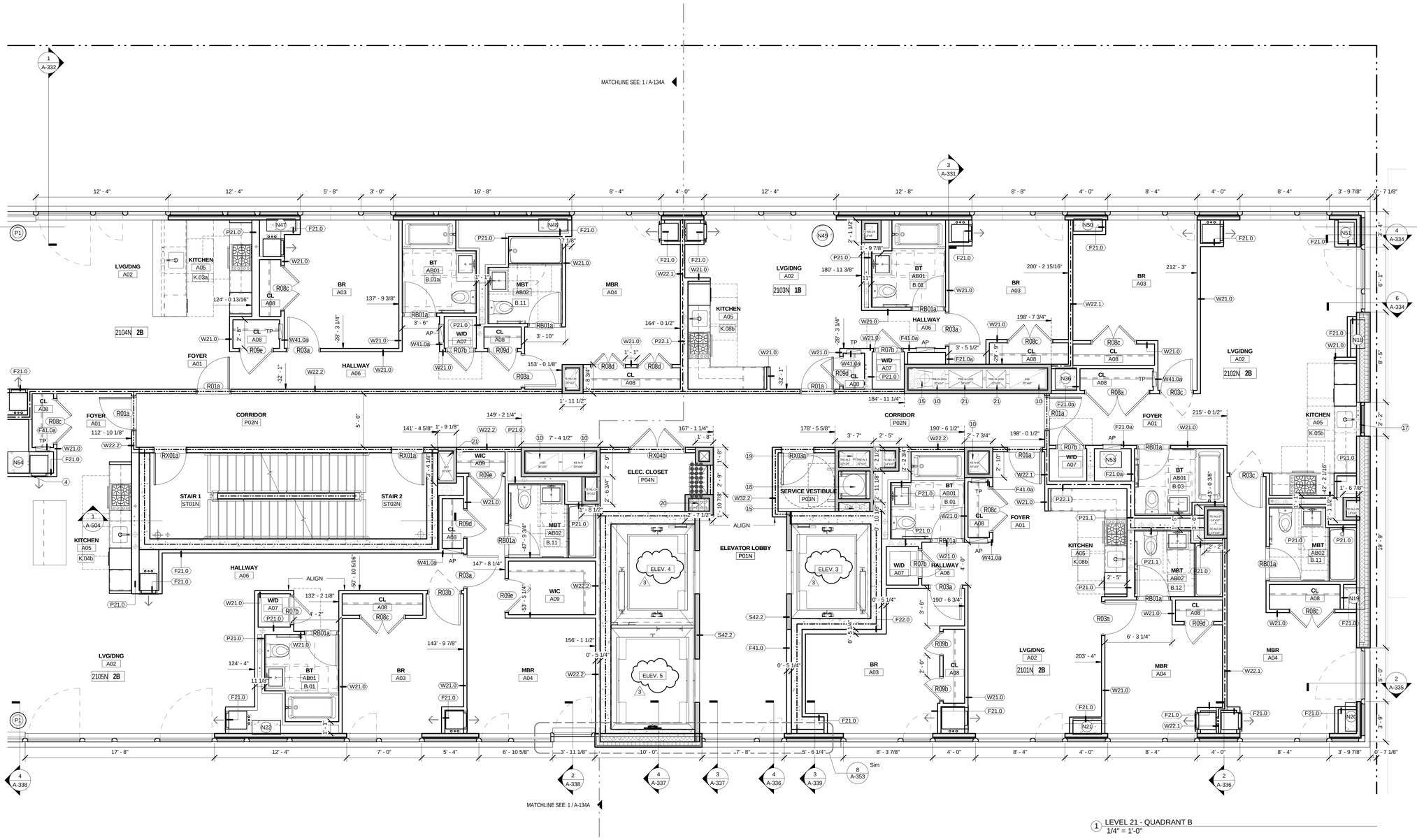
YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-134A .00

STAMP

DRAWING NO.

NYC DOB NO: 121185626



1 LEVEL 21 - QUADRANT B
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE: (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE: (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE: (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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ARCHITECTURE

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

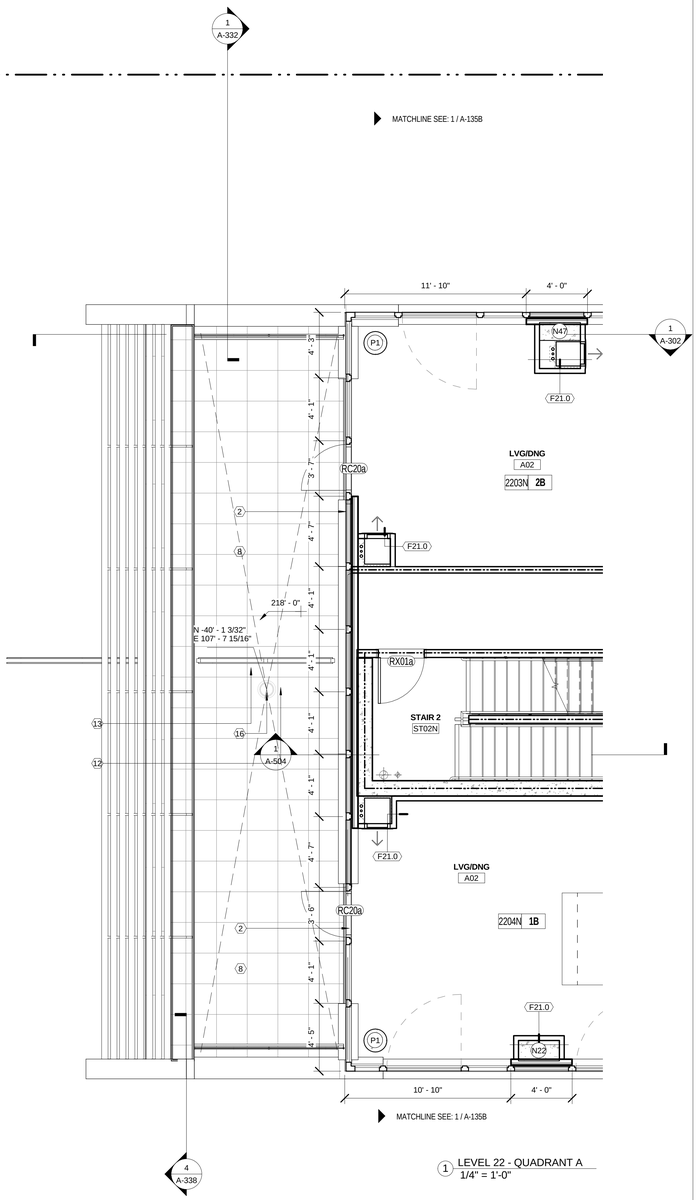
FLOOR 21 PLAN - QUADRANT B

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-134B .00

STAMP:
NYC DOB NO: 121185626
DRAWING NO



1 LEVEL 22 - QUADRANT A
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED
2	ALL DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
4	ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W22.1) U.O.N.
6	ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
7	ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
8	ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9	PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10	ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11	ALL CMU SHOWN IN CELLAR, GROUND
12	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
13	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
14	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
15	HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD CAVITY SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
16	PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17	REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

BIKE RACK
HOSE BIB
ROOF LEADER
ST-10 GRANITE BASE TYP.
PC-1 CAST STONE SILL
BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
PC-2 PAVERS ON PEDESTALS
TRENCH DRAIN & GRATE COVER
SEE MEP DRAWINGS FOR EQUIPMENT INFORMATION
CONCRETE CURB AT EXTERIOR DOORS
TYPICAL PLANTER DETAIL
PRIVACY WALL
STORAGE UNIT (PRIVATE)
MAIN PLUMBING RISER
ROOF DRAIN
LOT LINE WINDOWS TO BE PROTECTED WITH
OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
TRASH CHUTE
TRASH EXHAUST
ELECTRICAL RISERS
CORRIDOR SUPPLY
KNOCK OUT PANELS
EGRESS STAIRS
EXSISITING ELECTRICAL VAULTS
TREE GRATE
BREEZEWAY STRUCTURE
EJECTOR PIT
SKYLIGHT
LANDSCAPE AREA
EXPANSION JOINT COVER
EXPANSION JOINT COVER
EXPANSION JOINT COVER
FLOOR DRAIN
FIRE PLACE
SR-2 STEEL GUARDRAIL
MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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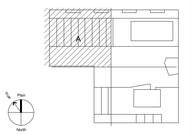
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

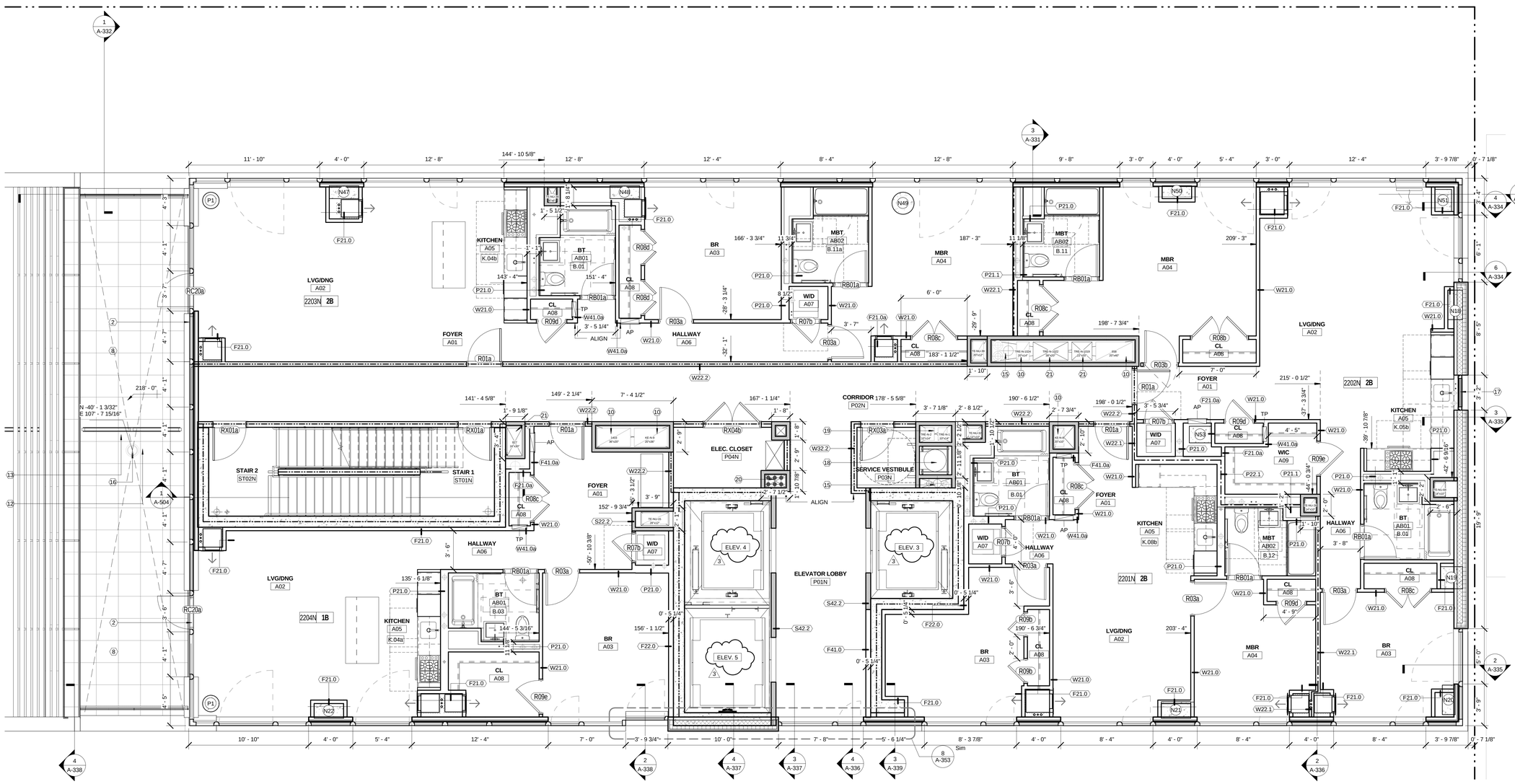
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

FLOOR 22 PLAN - QUADRANT A

DRAWING TITLE:

DRAWN BY	JJ
SCALE:	1/4" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	05/16/14
DRAWING NO.	A-135A .00

STAMP
NYC DOB NO: 121185626



1 LEVEL 22 - QUADRANT B
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PROPPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF: A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS, IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- WALLS, WINDOWS, DOORS, AND ROOFS
- SHAFT WALLS - S22.2, U.N.O.
- CMU WALLS
- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- MATCH LINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- AFFORDABLE UNITS
- OPERABLE WINDOWS
- REVERSIBLE DOOR
- APARTMENT/TELECOM PANELS - W41.0a, U.N.O.
- HEAT PUMPS, REF MEP
- BASE BOARD, REF MEP

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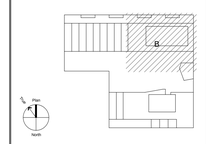
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

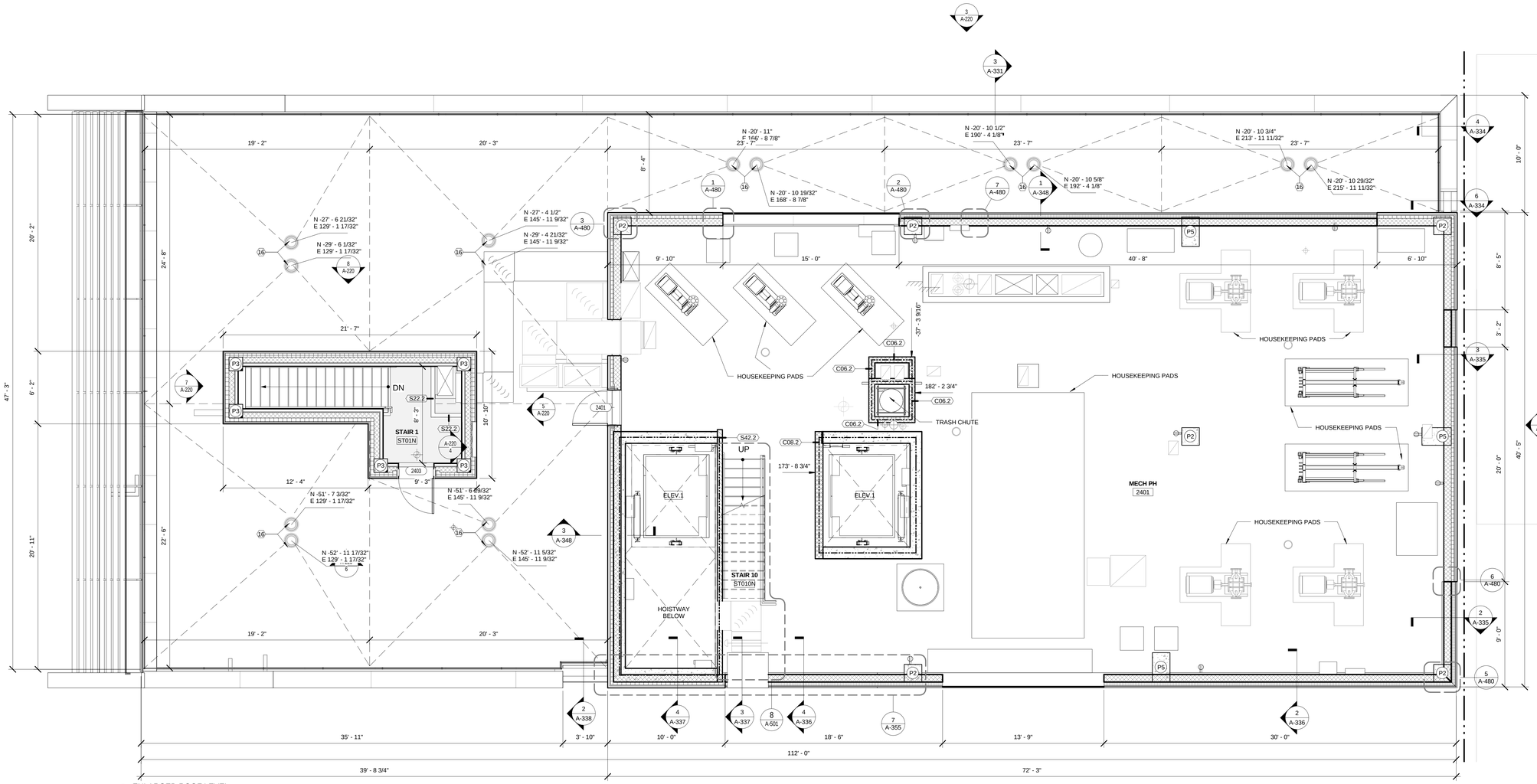
FLOOR 22 PLAN - QUADRANT B

DRAWING TITLE:

YK	1/4" = 1'-0"
DRAWN BY:	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	

A-135B .00

STAMP:
DRAWING NO.
NYC DOB NO: 121185626



1 ENLARGED ROOF LEVEL
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30 HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS, IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
CORRIDOR TO UNIT DEMISING WALL 2HRS.
UNIT TO UNIT DEMISING WALL 1HR.
SHAFT WALL 2HRS.
STAIR AND ELEVATOR WALL 2HRS.
MECHANICAL AND ELECTRICAL ROOMS 2HRS.
*RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- PARTITION WALLS
- CMU WALLS
- CMU WALLS W/GWB FURRING
- SHAFT WALLS
- 3 HOUR
- 2 HOUR
- 1 HOUR
- MATCHLINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- FLOOR DRAIN
- GLASS AND ALUMINUM STOREFRONT

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Bliss Fasman Inc.
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t. 212.343.8400

Facade Maintenance Consultant:
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t. 201.820.2801

ARCHITECTURE

NORTH

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

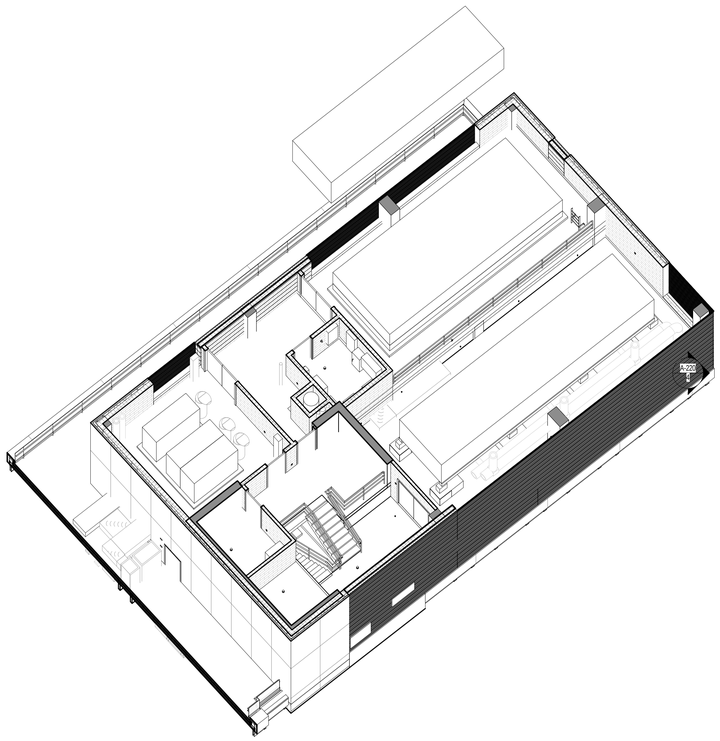
PENTHOUSE FLOOR - NORTH BUILDING

DRAWING TITLE:

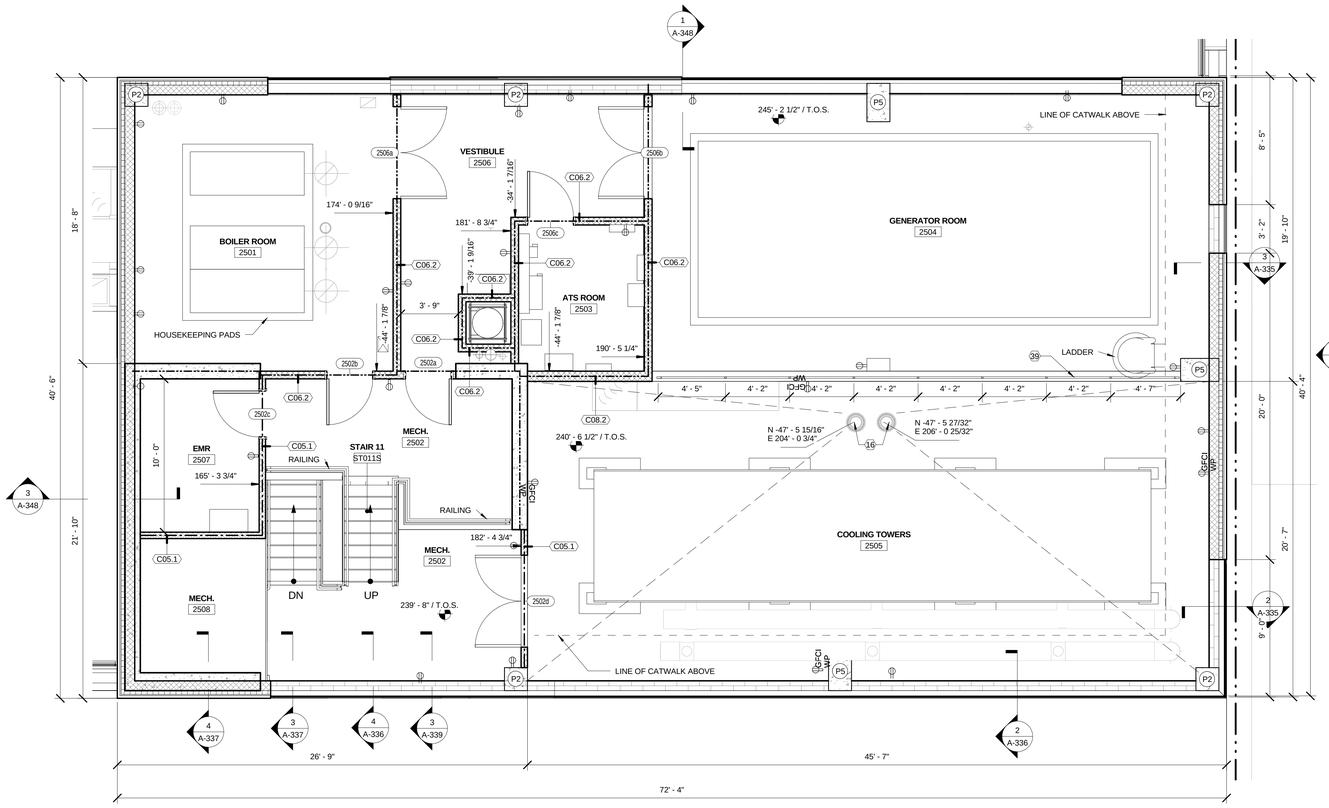
DRAWN BY	MB
SCALE:	1/4" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-136A .00

STAMP

NYC DOB NO: 121185626



2 ROOF @ MEZZANINE 1 AXON



1 MECHANICAL MEZZANINE 1
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL. SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
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8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
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14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
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21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
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29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
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36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- PARTITION WALLS
- CMU WALLS
- CMU WALLS W/GWB FURRING
- SHAFT WALLS
- 3 HOUR
- 2 HOUR
- 1 HOUR
- MATCHLINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- FLOOR DRAIN
- GLASS AND ALUMINUM STOREFRONT

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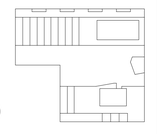
t. 201.820.2801

ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

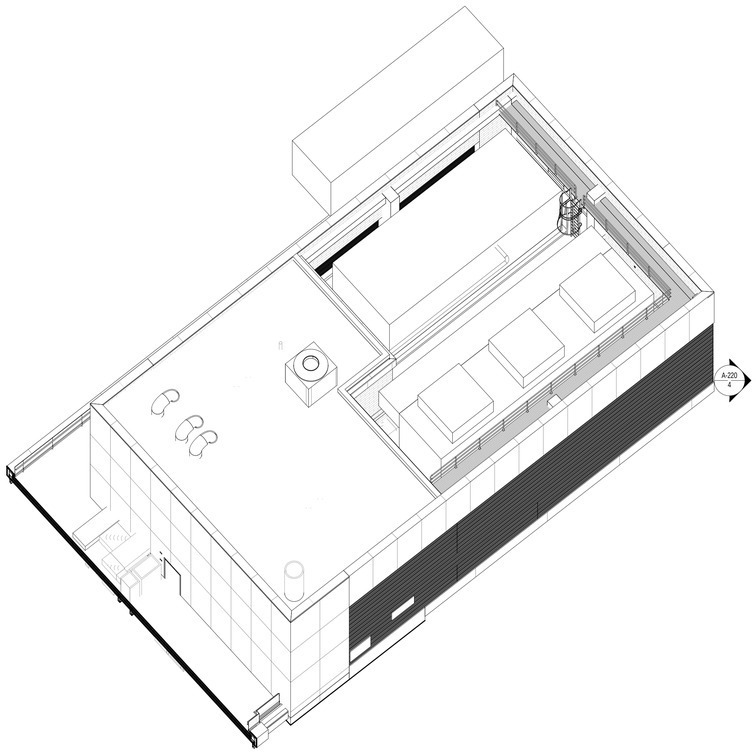
MEZZANINE 1 FLOOR - NORTH BUILDING

DRAWING TITLE:

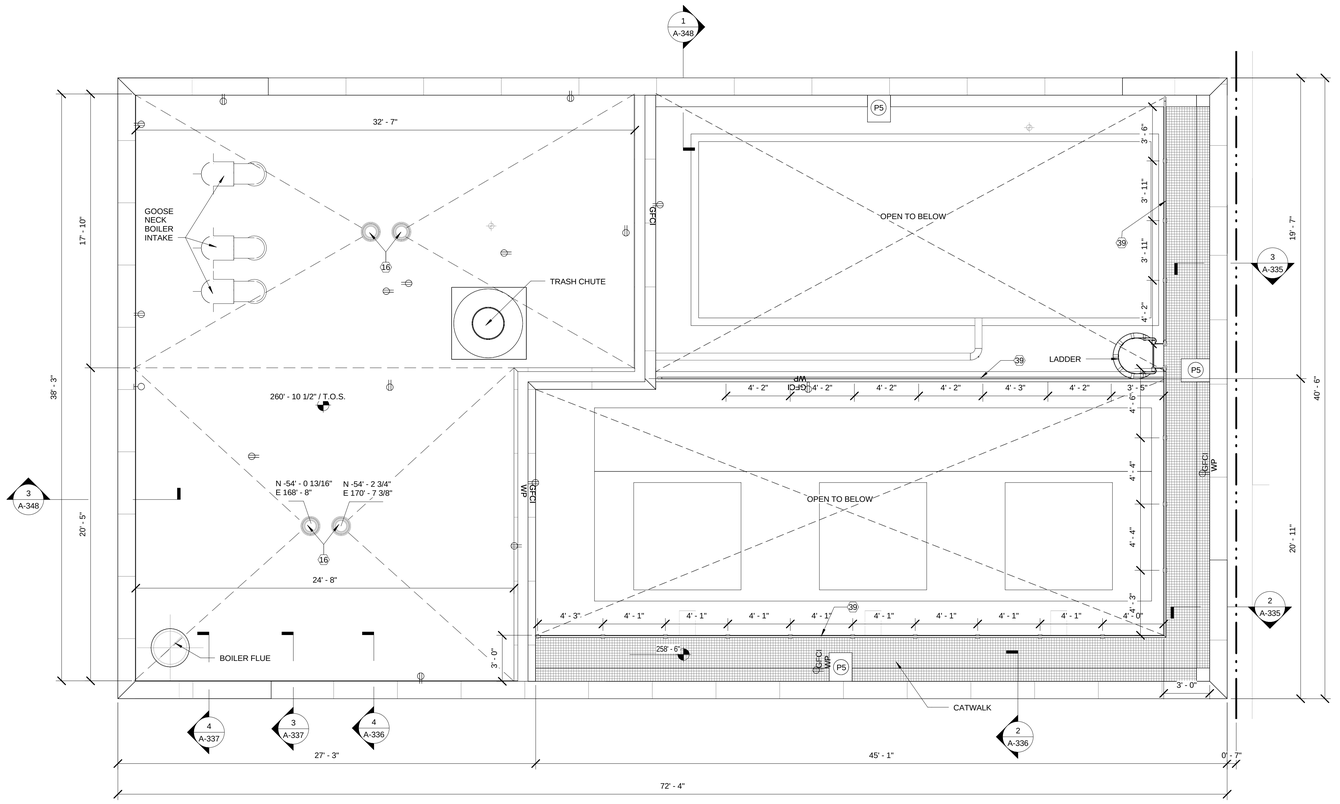
MB	1/4" = 1'-0"
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
A-136B .00	
DRAWING NO.	

STAMP

NYC DOB NO: 121185626



2 AXO ROOF_MEZZ 2



1 ROOF MECH MEZZANINE 2
1/4" = 1'-0"

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS, THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE STRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULIDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- PARTITION WALLS
- CMU WALLS
- CMU WALLS W/GWB FURRING
- SHAFT WALLS
- 3 HOUR
- 2 HOUR
- 1 HOUR
- MATCHLINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- FLOOR DRAIN
- GLASS AND ALUMINUM STOREFRONT

9/17/2014 6:56:16 PM

525 WEST 52ND ST

RITTERMAN CAPITAL/TACONIC INVESTMENT

525 WEST 52ND ST
NEW YORK, NY,10019

SITE 7

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150 VARICK STREET, 8TH FLOOR
NEW YORK, NY 10013
T. 212.595.4112

Structural Engineer
DESIMONE
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T.212.532.2211

MEP Engineer
COSENTINI
TWO PENNSYLVANIA PLAZA
NEW YORK, NY, 10121
T.212.615.3600

Code:
JAM Consultants
104 West 29th Street, 9th Floor
New York, NY 10001
t. 212.244.4303

Accessibility:
Accessibility Services
33 Leo Crest Court
West Seneca, New York 14224
t. 718.803.3782

Exterior Envelope:
IBA-Israel Berger & Associates/Vidaris
360 Park Avenue South
New York, NY 10010
t. 212.689.5389

Vertical Transportation:
VDA – Van Deusen & Associates
5 Regent Street, Suite 524
Livingston, NJ 07039
t. 973.994.9220

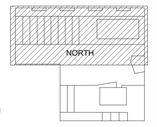
Landscape Consultant:
Future Green Studio
18 Bay Street
Brooklyn, NY 11231
t. 718.855.8995

Acoustic Consultant:
Shen Milsom & Wilke, Inc.
417 Fifth Avenue
New York, NY 10016
t. 212.725.6800

Lighting Consultant:
Bliss Fasman Inc.
23 Leonard Street, # 5
New York, NY 10013
t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

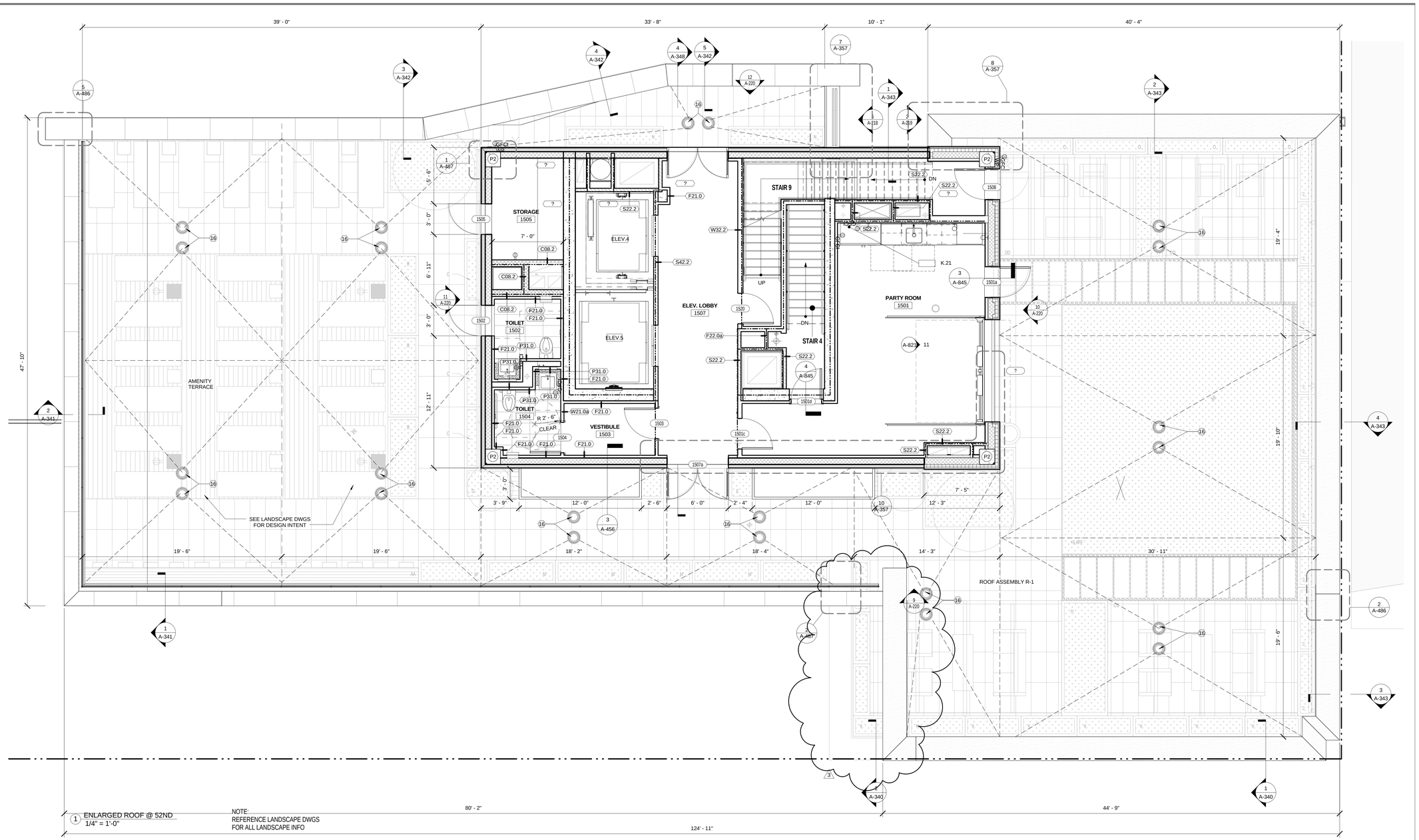
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

MEZZANINE 2 FLOOR - NORTH BUILDING

DRAWING TITLE:

DRAWN BY:	MB
SCALE:	1/4" = 1'-0"
CHECKED BY:	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-136C .00

STAMP:
NYC DOB NO: 121185626



1 ENLARGED ROOF @ 52ND
1/4" = 1'-0"

NOTE:
REFERENCE LANDSCAPE DWGS
FOR ALL LANDSCAPE INFO

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE: (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXISSITING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA. REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- PARTITION WALLS
- CMU WALLS
- CMU WALLS W/GWB FURRING
- SHAFT WALLS
- 3 HOUR
- 2 HOUR
- 1 HOUR
- MATCHLINE
- EXISTING BUILDING
- BLDG. STRUCTURAL, 2 HOUR RATED (SEE STRUCTURAL DWGS)
- FLOOR DRAIN
- GLASS AND ALUMINUM STOREFRONT

9/17/2014 6:56:30 PM

525 WEST 52ND ST

RITTERMAN CAPITAL/TACONIC INVESTMENT

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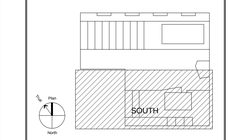
ARCHITECTURE



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2
3	TBD	Addendum #3

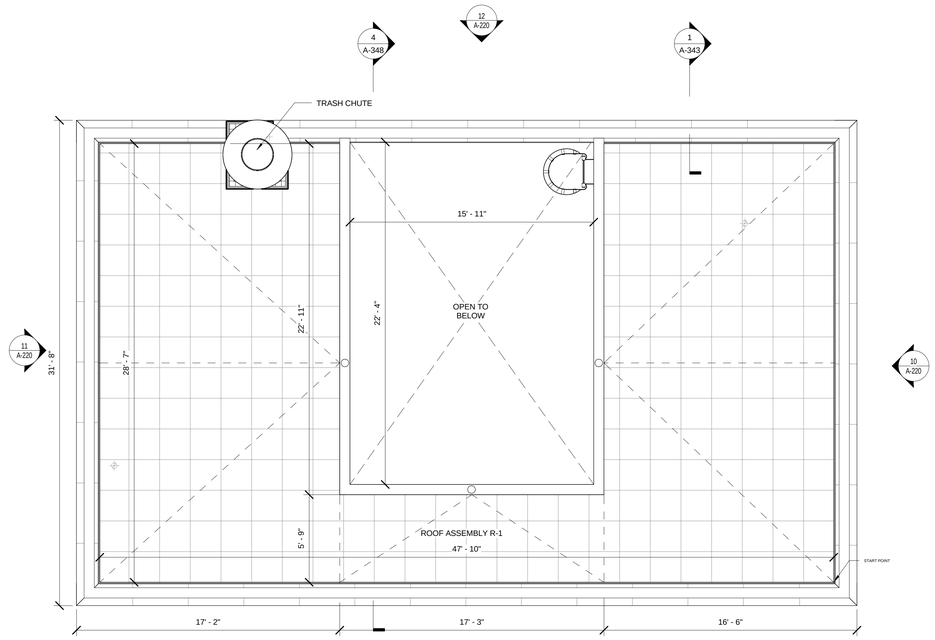
PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

DRAWING TITLE:
PENTHOUSE FLOOR - SOUTH BUILDING

DRAWN BY	MB
SCALE:	1/4" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-137A .00

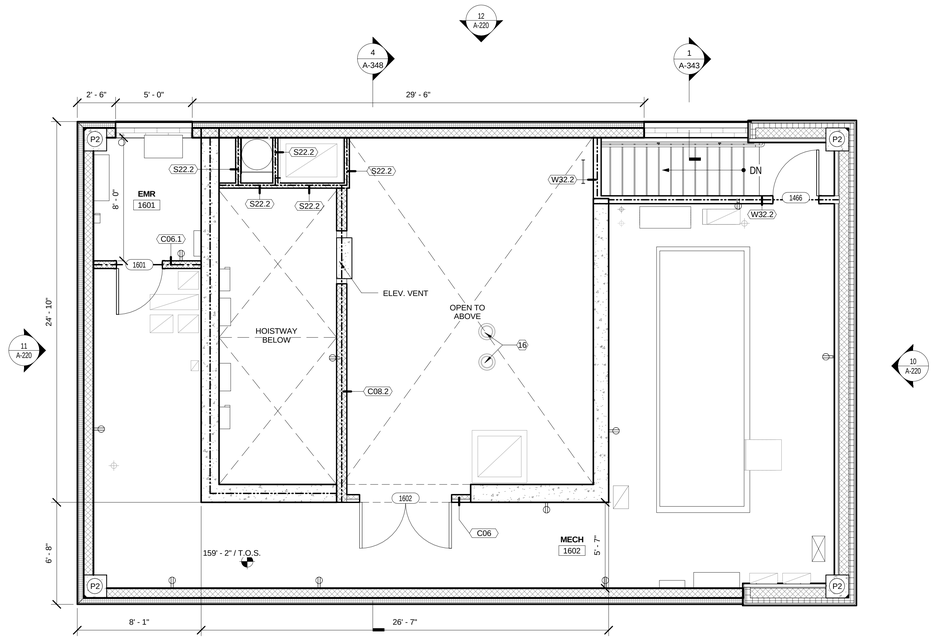
STAMP

NYC DOB NO: 121185626



2 ENLARGED ROOF - SOUTH SEGMENT
1/4" = 1'-0"

9
A-220



1 ENLARGED MECH MEZ 2 - SOUTH SEGMENT
1/4" = 1'-0"

9
A-220

PLAN - NOTES

1. REFER TO G040'S FOR ACCESSIBILITY STANDARDS.
2. REFER TO A-100 SERIES FOR FLOOR PLANS, INCLUDING IMPORTANT DIMENSIONAL INFO ON SLAB EDGE PLANS ON A-150s+160s
3. REFER TO A-200 SERIES FOR ELEVATIONS.
4. REFER TO A-300 SERIES FOR BUILDING SECTIONS AND WALL SECTIONS.
5. REFER TO A-400 SERIES FOR EXTERIOR WALL INFO.
6. REFER TO A-500 SERIES FOR CORE SECTIONS AND DETAILS.
7. REFER TO A-600 SERIES FOR RCP'S.
8. REFER TO A-700 SERIES FOR FLOOR FINISH PLANS.
9. REFER TO A-720'S FOR LOBBY AND ELEVATOR LOBBY ELEVATIONS.
10. REFER TO A-740'S FOR CORRIDOR ELEVATIONS.
11. REFER TO A-750'S FOR ENLARGED BATHROOM PLANS AND ELAVATIONS AND TO A-760'S FOR DETAILS
12. REFER TO A-760'S FOR ENLARGED KITCHEN PLANS AND ELEVATIONS AND TO A-770'S FOR DETAILS.
13. REFER TO A-800 SERIES FOR PARTITION TYPES AND DETAILS.
14. REFER TO A-831 AND A-832 FOR DOOR SCHEDULES.
15. REFER TO A-861 AND A-862 FOR FINISH SCHEDULES.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF THE ALL APPLICABLE BUILDING CODES. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS.
17. ALL NOTES TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. SPECIFIC SHEET NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIAL. ALL SHEETS ARE TO BE REVIEWED AND ALL APPLICABLE NOTES TO BE APPLIED TO RELATED WORK.
18. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. EXPLICIT DIMENSION SHALL HAVE PRECEDENCE OVER SCALE.
19. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN AND DRAWN. WHERE SPECIFIC DIMENSION, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT.
20. ALL DIMENSIONS ARE FROM FACE OF UNFINISHED SURFACE OF MASONRY BLOCK WALL OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
21. ALL FLOOR ELEVATIONS ARE TOP OF CONCRETE SLAB (T.O.S) UNLESS NOTED OTHERWISE.
22. FIRE RESISTIVE CONSTRUCTION AND FIRE RATING FOR BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PER APPLICABLE FIRE AND LIFE SAFETY CODES. REFER TO LIFE SAFETY CONSULTANT'S DRAWINGS.
23. ALL FIRE RESISTIVE DOORS AND ACCESS PANELS SHALL HAVE A PPROPRIATE RATING LABEL ACCEPTABLE TO AGENCIES HAVING JURISDICTION.
24. ALL OPENINGS THROUGH FLOOR SLABS AND WALLS SHALL BE SEALED OFF WITH APPROVED FIRE RATED SEALANT SYSTEM TO MAINTAIN FIRE RATING CONTINUITY OF THE CONSTRUCTION.
25. FOR PARTITION TYPES AND OTHER IMPORTANT INFO, REFER TO TYPICAL APARTMENTS SHOWN ON SHEET A-141.
26. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES.
27. MECHANICAL EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECH DWGS FOR DESIGN AND SPECIFICATIONS.
28. FIRESTOP ALL SLAB PENETRATIONS, INLCUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL, DATA.
29. HEAT PUMP UNITS SHALL BE RAISED ON PEDESTALS SO THAT BOTTOM OF RETURN AIR GRILLE IS NOT LESS THAN 10" ABOVE THE FINISH FLOOR. REFER TO MECH. DWGS FOR ADD'L INFO.
30. HEAT PUMP UNITS SHALL HAVE 1 LAYER 5/8" MOLD RESISTANT GWB APPLIED TO FACE OF UNIT. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
31. PROVIDE 18 GA. METAL GROUNDS FOR CLOSET SHELVES, CABINETS, GRAB BARS, BATHROOM ACCESSORIES, HANDRAILS AND OTHER SIMILAR ITEMS REQUIRING SUPPORT.
32. ALL PENETRATIONS THROUGH FLOOR SLAB CONSTRUCTION NOT SHOWN ON SLAB DRAWING SHALL BE SLEEVED THROUGH SLAB PRIOR TO CONCRETE POUR. PATCH SLAB AND/OR FIRE SAFE AROUND ALL PENETRATIONS.
33. FOR CLARITY, RATING OF STRUCTURAL ELEMENTS AND CMU BLOCK ARE NOT SHOWN IN PLAN. RATING OF CMU BLOCK NOTED IN PARTITION TAG.
34. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION U.O.N.
35. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6" U.O.N.
36. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
37. PROVIDE UNDERLAYMENT AT WOOD RESIDENTIAL FLOORS TO MEET ACCOUSTIC REQ'S.
38. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS, PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
39. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
40. ALL WASHER/DRYER CLOSETS TO RECEIVE VCT TILE FLOORING.
41. ALL TRASH ROOMS TO RECEIVE CERAMIC TILE AT FLOORS, 4' AT ALL WALLS.
42. SLABS WITH EXTERIOR OCCUPIABLE SPACE ARE 11" DEPRESSED U.N.O.
43. EXTERIOR MASONRY WALL DIMENSIONS ARE NOMINAL, SPECIFIC SIZE NTENDED TO BE USED FOR COMPLETED MASONRY ELEMENTS.
44. ALL DOORS WITHIN UNITS ARE 4" FROM FACE OF PERPENDICULAR WALLS TO THROAT OF JAMB U.N.O. SEE DETAIL / A-842

PLAN - PARTITION NOTES

1. ALL STAIR AND CORRDIDOR WALLS SHALL BE 2-HOUR RATED (W22.2) U.O.N.
2. DEMISING WALLS BETWEEN RESIDENTIAL UNITS SHALL BE 1-HOUR RATED TYPE (W22.1) U.O.N.
3. ALL RESIDENTIAL UNIT INTERIOR PARTITIONS SHALL BE TYPE (W21.0) U.O.N.
4. PROVIDE ACOUSTICAL INSULATION WITHIN PARTITIONS AT ELEVATORS, CORRIDORS, AND RESIDENTIAL UNIT WALLS.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS (EXHAUST AND VENTILATION) SHALL BE 2-HOUR RATED, SHAFT WALL CONSTRUCTION, TYPE (S22.2) U.O.N.
6. ALL TYPICAL INTERIOR CHASE WALLS, TYPE (P21.0) U.O.N.
7. ALL DEMISE CHASE WALLS, TYPE (P22.2) U.O.N.
8. ALL PERIMETER FURRING WALLS, TYPE (F22.0) U.O.N. REF. A300/A400 FOR PARTITION INFO.
9. PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE, INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, UTILITY CLOSETS, W/D CLOSETS, AND CHASE WALLS.
10. ALL WALLS AT RESIDENTIAL ELECTRICAL PANELS SHALL BE BUILT USING 4" STUDS.
11. ALL CMU SHOWN IN CELLAR, GROUND AND MECHANICAL PENTHOUSE TO BE 8"
12. FOR FIRE RATINGS REF. LIFE SAFETY DWGS IN CONJUNCTION WITH THESE DRAWINGS. IN CASE OF ANY DISCREPANCIES, THE S TRICTOR SONCIDION IS TO APPLY.
13. HEAT PUMP UNITS LOCATED ON DEMISING PARTITIONS SHALL BE SEPARATED BY 1 HOUR FIRE RATED ACOUSTIC PARTITION COMPOSED OF 2 LAYERS OF 5/8" GWB ON EACH SIDE OF 2 1/2" METAL STUD WITH ACOUSTIC INSULATION. FULDEPTH OF STUD PARTITION SHALL EXTEND FROM T.O. SLAB TO B.O. SLAB.
14. ALL FIRE RATINGS TO RUN CONTINUOUS AND UNINTERRUPTED.
15. FIRE RATINGS ARE AS NOTED AND AS FOLLOWS
    CORRIDOR TO UNIT DEMISING WALL 2HRS.
    UNIT TO UNIT DEMISING WALL 1HR.
    SHAFT WALL 2HRS.
    STAIR AND ELEVATOR WALL 2HRS.
    MECHANICAL AND ELECTRICAL ROOMS 2HRS.
    *RATINGS NOT GRAPHICALLY SHOWN ON CONCRETE OR CMU WLALS ONLY GWB PARTITIONS
16. PROVIDE 2 1/2" METAL STUD FRAMING 16" O.C. SLAB TO SLAB TIGHT TO INTERIOR SIDE OF EXTERIOR WALL WITH FULL DEPTH FOIL FACED BATT INSULATION CONTINUOUS AT THE PERIMETER. TAPE ALL JOINTS.
17. REFER TO A-562 FOR TYPICAL DIMENSIONS FOR CLOSET, WALK-IN CLOSET, WD CLOSET, AND HEAT PUMPS.

ANNO - FLOOR PLAN NOTES

NUMBER	NOTE
1	BIKE RACK
2	HOSE BIB
4	ROOF LEADER
5	ST-10 GRANITE BASE, TYPICAL
6	PC-1 CAST STONE SILL
7	BR-1 BALCONY RAILING - GLASS WITH METAL FRAME
8	PC-2 PAVERS ON PEDESTALS
9	TRENCH DRAIN & GRATE COVER
10	SEE MEP DRAWINGS FOR FURTHER INFORMATION
11	CONCRETE CURB AT DUCT PENETRATIONS
12	TYPICAL PLANTER DETAIL
13	PRIVACY WALL
14	STORAGE UNIT (see A-804)
15	MAIN PLUMBING RISER
16	ROOF DRAIN
17	LOT LINE WINDOWS TO BE PROTECTED WITH OVERHEAD FIRE SPRINKLERS LOCATED AT SOFFIT
18	TRASH CHUTE
19	TRASH EXHAUST
20	ELECTRICAL RISERS
21	CORRIDOR SUPPLY
22	KNOCK OUT PANELS
25	EGRESS STAIRS
26	EXSISTING ELECTRICAL VAULTS
28	TREE GRATE
29	BREEZEWAY STRUCTURE
30	EJECTOR PIT
31	SKYLIGHT
32	LANDSCAPE AREA, REF LANDSCAPE DWG'S
33	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-4
34	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-9
35	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-12
36	EXPANSION JOINT COVER AFW 600X @ LEVELS 1-14
37	FLOOR DRAIN
38	FIRE PLACE
39	SR-2 STEEL GUARD RAIL
40	MAINTENANCE ACCESS PANEL

PLAN - LEGEND

- PARTITION WALLS
- CMU WALLS
- CMU WALLS W/GWB FURRING
- SHAFT WALLS
- 3 HOUR
- 2 HOUR
- 1 HOUR
- MATCHLINE
- EXISTING BUILDING
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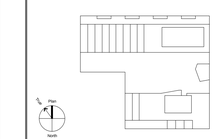

PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents
2	07/25/14	Addendum #2

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

MEZZANINE FLOOR AND ROOF - SOUTH BUILDING

DRAWING TITLE:

DRAWN BY	MB
SCALE:	1/4" = 1'-0"
CHECKED BY	AS
PROJECT NO.	821
DATE:	SEE REV SCHED
DRAWING NO.	A-137B .00

STAMP.
NYC DOB NO: 121185626

UNIT MIX

NORTH BLDG

LEVEL 2

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
201N	0BR			
202N	1BR			
203N	1BR		X	
204N	1BR			
205N	0BR	X		
206N	1BR			
207N	1BR	X		
208N	0BR			
209N	1BR			
210N	0BR	X		
211N	1BR			
212N	2BR		X	
213N	2BR	X	X	
214N	2BR			
215N	1BR			
216N	1BR			
217N	1BR			
17		4	3	0

LEVEL 3

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
301N	0BR			
302N	1BR	X		
303N	1BR		X	
304N	1BR			
305N	0BR	X		
306N	1BR			
307N	1BR	X		
308N	0BR			
309N	1BR			
310N	0BR	X		
311N	1BR			
312N	2BR		X	
313N	2BR	X		X
314N	1BR			
315N	0BR			
316N	1BR	X		
317N	1BR			
318N	1BR			
18		6	2	1

LEVEL 4

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
401N	0BR			
402N	1BR	X		X
403N	1BR		X	
404N	1BR			
405N	0BR	X		
406N	1BR			
407N	1BR	X		
408N	0BR			
409N	0BR			
410N	0BR	X		
411N	1BR			
412N	2BR		X	
413N	2BR	X		
414N	1BR			
415N	0BR			
416N	1BR	X		
417N	1BR			
418N	1BR			
18		6	2	1

LEVEL 5

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
501N	0BR			
502N	1BR	X		
503N	1BR		X	
504N	1BR			
505N	0BR	X		
506N	1BR			
507N	1BR	X		
508N	0BR			
509N	0BR			
510N	0BR	X		
511N	1BR			
512N	2BR		X	
513N	2BR	X		
514N	1BR			
515N	0BR			
516N	1BR	X		
517N	0BR			
518N	1BR			
18		6	2	0

LEVEL 6

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
601N	0BR			
602N	1BR	X		
603N	1BR		X	X
604N	1BR			
605N	0BR	X		
606N	1BR			
607N	1BR	X		
608N	0BR			
609N	0BR			
610N	0BR	X		
611N	1BR			
612N	2BR			
613N	2BR	X		
614N	1BR			
615N	0BR			
616N	1BR	X		
617N	0BR			
618N	1BR			
18		6	1	1

LEVEL 7

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
701N	0BR			
702N	1BR	X		
703N	1BR		X	
704N	1BR			
705N	0BR			
706N	1BR			
707N	1BR	X		
708N	0BR			
709N	0BR			
710N	0BR	X		
711N	1BR			
712N	2BR			
713N	2BR	X		
714N	1BR			
715N	0BR			
716N	1BR	X		
717N	0BR			
718N	1BR			
18		5	1	0

LEVEL 8

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
801N	0BR			
802N	1BR	X		
803N	1BR		X	
804N	1BR			
805N	0BR			
806N	1BR			
807N	1BR	X		
808N	0BR			
809N	0BR			
810N	0BR			
811N	1BR			
812N	2BR			
813N	2BR	X		X
814N	1BR			
815N	0BR			
816N	1BR	X		
817N	0BR			
818N	1BR			
18		4	1	1

LEVEL 9

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
901N	0BR			
902N	1BR	X		
903N	1BR		X	
904N	1BR			
905N	0BR			
906N	1BR			
907N	1BR	X		
908N	0BR			
909N	0BR			
910N	0BR			
911N	1BR			
912N	2BR			
913N	2BR	X		
914N	1BR			
915N	0BR			
916N	1BR	X		
917N	0BR			
918N	1BR			
18		4	1	0

LEVEL 10

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1001N	0BR			
1002N	1BR			
1003N	1BR			X
1004N	1BR			
1005N	0BR			
1006N	1BR			
1007N	1BR	X		
1008N	0BR			
1009N	0BR			
1010N	0BR			
1011N	1BR			
1012N	2BR			
1013N	2BR	X		
1014N	1BR			
1015N	0BR			
1016N	1BR	X		
1017N	0BR			
1018N	1BR			
18		3	0	1

LEVEL 11

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1101N	0BR			
1102N	1BR			
1103N	1BR			X
1104N	1BR			
1105N	0BR			
1106N	1BR			
1107N	1BR			
1108N	0BR			
1109N	0BR			
1110N	0BR			
1111N	1BR			
1112N	2BR			
1113N	2BR	X		
1114N	1BR			
1115N	0BR			
1116N	1BR	X		
1117N	0BR			
1118N	1BR			
18		2	0	1

LEVEL 12

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1201N	0BR			
1202N	1BR			
1203N	1BR			
1204N	1BR			
1205N	0BR			
1206N	1BR			
1207N	1BR			
1208N	0BR			
1209N	0BR			
1210N	0BR			
1211N	1BR			
1212N	2BR			
1213N	2BR	X		
1214N	1BR			
1215N	0BR			
1216N	1BR	X		
1217N	0BR			
1218N	1BR			
18		2	0	1

LEVEL 13

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1301N	0BR			
1302N	1BR			
1303N	1BR			
1304N	1BR			
1305N	2BR			
1306N	2BR			
1307N	2BR			
1308N	2BR	X		
1309N	1BR			
1310N	0BR			
1311N	1BR	X		
1312N	1BR			
1313N	1BR			
13		2	0	0

LEVEL 14

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1401N	1BR			
1402N	1BR			
1403N	1BR			
1404N	1BR			
1405N	1BR			
1406N	1BR			
1407N	2BR			
1408N	2BR			
1409N	1BR			
1410N	1BR	X		
1411N	1BR			
1412N	1BR			
12		1	0	0

LEVEL 15

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1501N	1BR			
1502N	1BR			
1503N	1BR			
1504N	1BR			
1505N	1BR			
1506N	1BR			
1507N	2BR			
1508N	1BR			
1509N	1BR			
1510N	1BR	X		
1511N	1BR			
1512N	1BR			
12		1	0	0

LEVEL 16

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1601N	1BR			
1602N	1BR			
1603N	1BR			
1604N	1BR			
1605N	1BR			
1606N	1BR			
1607N	1BR			
1608N	2BR			
1609N	1BR	X		
1610N	1BR			
1611N	1BR			
11		1	0	0

LEVEL 17

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1701N	2BR			
1702N	2BR			
1703N	0BR	X		
1704N	2BR			
1705N	2BR			
1706N	2BR			
1707N	2BR			
1708N	1BR			
8		1	0	0

LEVEL 18

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1801N	2BR			
1802N	2BR			
1803N	0BR	X		
1804N	1BR			
1805N	2BR			
1806N	2BR			
1807N	1BR			
1808N	1BR			
8		1	0	0

LEVEL 19

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1901N	2BR			
1902N	2BR			
1903N	0BR	X		
1904N	1BR			
1905N	2BR			
1906N	2BR			
1907N	2BR			
7		1	0	0

LEVEL 20

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
2001N	2BR			
2002N	2BR			
2003N	2BR			
2004N	2BR			
2005N	1BR			
2006N	1BR			
6		0	0	0

LEVEL 21

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
2101N	2BR			
2102N	2BR			
2103N	1BR			
2104N	2BR			
2105N	2BR			
5		0	0	0

LEVEL 22

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
2201N	2BR			
2202N	2BR			
2203N	2BR			
2204N	1BR			
4		0	0	0

NORTH BLDG TOTAL:

283		56	13	6

SOUTH BLDG

LEVEL 3

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
301S	2BR	X		
302S	0BR	X	X	
303S	2BR			
304S	1BR			
305S	1BR			
306S	1BR			
307S	2BR			
308S	2BR			
309S	0BR			
310S	1BR	X		
10		3	1	0

LEVEL 4

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
401S	2BR	X		
402S	0BR	X		
403S	2BR			
404S	1BR			
405S	1BR			
406S	1BR			
407S	2BR			
408S	2BR			
409S	0BR			
410S	1BR	X		
10		3	0	0

LEVEL 5

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
501S	2BR	X		
502S	0BR	X		
503S	2BR			
504S	1BR			
505S	1BR			
506S	1BR			
507S	2BR			
508S	2BR			
509S	0BR			
510S	1BR	X		
10		3	0	0

LEVEL 6

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
601S	2BR	X		
602S	0BR	X		
603S	2BR			
604S	1BR			
605S	1BR			
606S	1BR			
607S	2BR			
608S	2BR			
609S	0BR			
610S	1BR	X		
10		3	0	0

LEVEL 7

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
701S	2BR	X		
702S	0BR	X		
703S	2BR			
704S	1BR			
705S	1BR			
706S	1BR			
707S	2BR			
708S	2BR			
709S	0BR			
710S	1BR	X		
10		3	0	0

LEVEL 8

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
801S	2BR	X		
802S	0BR		X	
803S	2BR			
804S	1BR			
805S	1BR			
806S	1BR			
807S	2BR			
808S	2BR			
809S	0BR			
810S	1BR	X		
10		2	1	0

LEVEL 9

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
901S	2BR	X		
902S	0BR		X	
903S	2BR			
904S	1BR			
905S	1BR			
906S	1BR			
907S	2BR			
908S	2BR			
909S	0BR			
910S	1BR	X		
10		2	1	0

LEVEL 10

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1001S	2BR	X		
1002S	0BR		X	X
1003S	2BR			
1004S	1BR			
1005S	1BR			
1006S	1BR			
1007S	2BR			
1008S	2BR			
1009S	0BR			
1010S	1BR	X	X	
10		2	2	1

LEVEL 11

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1101S	2BR	X		
1102S	0BR		X	X
1103S	2BR			
1104S	1BR			
1105S	1BR			
1106S	1BR			
1107S	2BR			
1108S	2BR			
1109S	0BR			
1110S	1BR	X	X	
10		2	2	1

LEVEL 12

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1201S	2BR			
1202S	1BR			
1203S	2BR			
1204S	1BR			
1205S	1BR			
1206S	2BR			
1207S	2BR			
7		0	0	0

LEVEL 13

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1301S	2BR			
1302S	1BR			
1303S	2BR			
1304S	1BR			
1305S	1BR			
1306S	2BR			
1307S	1BR			
7		0	0	0

LEVEL 14

Unit #	UnitType	HPD	ADA/ UFAS	Visual/ Hearing
1401S	1BR			
1402S	2BR			
1403S	2BR			
1404S	1BR			
1405S	2BR			
5		0	0	0

SOUTH BLDG TOTAL:

109		23	7	2

GRAND TOTAL:

UNITS	HPD	ADA/ UFAS	VISUAL/ HEARING
392	79	20	8

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525 WEST 52ND ST

RITTERMAN CAPITAL/TACONIC INVESTMENT

525 WEST 52ND ST
NEW YORK, NY,10019

SITE 7

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West Seneca, New York 14224
t. 718.803.3782

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t. 212.689.5389

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Livingston, NJ 07039
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t. 718.855.8995

Acoustic Consultant:
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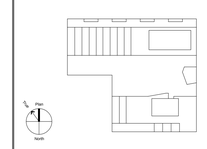
t. 212.725.6800

Lighting Consultant:
Bliss Fasman Inc.
23 Leonard Street, # 5
New York, NY 10013
t. 212.343.8400

Facade Maintenance Consultant:
Entek Engineering
166 Ames Street
Hackensack, NJ 07601
t. 201.820.2801

GENERAL



PROJECT KEY:

ADDENDUM 2

NO.	DATE	REVISION
	05/24/2013	Schematic Design
	07/08/2013	50% Design Development
	08/14/2013	85% Design Development
	09/30/2013	Design Development
	01/15/2014	50% Construction Documents
	03/07/2014	GMP Preview Set
	03/31/14	Progress Print - CM Page Turn
	05/16/14	Construction Documents

PROJECT:
525 WEST 52ND ST
NEW YORK, NY,10019

ROOM MATRIX

DRAWING TITLE:

JJ	
DRAWN BY	SCALE:
AS	821
CHECKED BY	PROJECT NO.
DATE: SEE REV SCHED	
G-044 .00	
STAMP	DRAWING NO.
NYC DOB NO: 121185626	

APPENDIX B

PREVIOUS REPORTS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

for

PROPOSED 525 WEST 52ND STREET REDEVELOPMENT
525 West 52nd Street
New York, New York

Prepared For:

525 West 52nd St Development, LLC
c/o Taconic Investment Partners, LLC
111 Eighth Avenue, Suite 1500
New York, New York 10011 10010

Prepared By:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
619 River Drive Center 1
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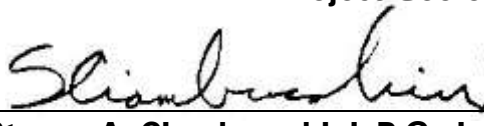
NJ Certificate of Authorization No: 24GA27996400

Chris McMahon
Project Geologist



Steven A. Ciambruschini, P.G., L.E.P.
Principal / Vice President

Commencement Date: 1 July 2013
Final Report Completion: 6 September 2013

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LANGAN

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was prepared Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. on behalf of 525 West 52nd St Development, LLC c/o Taconic Investment Partners, LLC to identify current or potential environmental concerns and Recognized Environmental Conditions (RECs) at the 0.69-acre proposed development site consisting of the property at 525 West 52nd Street (Block 1081 Lot 7501) located in New York, New York. The ESA included a site inspection, review of historical information, completion of a federal/state/local environmental database search, and interviews with local and state agencies to assess current and past site conditions.

The subject property is currently occupied by a seven-story commercial/office building with a mezzanine and single basement level, and a loading dock area on the eastern side. The building is four-stories on the northern portion, seven-stories on the southern portion, and three-stories on the eastern portion. The parcel is located west of 10th Avenue on the north side of West 52nd Street in midtown Manhattan. According to historical records, the site was most recently used for printing/lithographic operations until 2009. With exception of the second floor which is being used for office space, the building is currently vacant. Additional addresses associated with the property include 523-531 West 52nd Street and 520-528 West 53rd Street.

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historic information, and contact with federal/state/local official agencies, the following recognized environmental conditions (RECs) and business environmental risks that may impact proposed redevelopment of the site were identified:

Recognized Environmental Conditions

It is the opinion of the environmental profession that the following represent RECs:

Historic Use of the Subject Property

The subject property is identified by USEPA as a generator of non-listed ignitable hazardous waste and is documented for the disposal of hazardous waste. Historic operations at the subject property, as identified by the City Directory and Sanborn Fire Insurance Maps, include lithography, printing, photographic laboratory, and envelope manufacturing between approximately 1920 and 2012. Due to the potential use of chemicals associated with historic operations and the duration of these activities, it is the opinion of the environmental professional that the historic site use has the potential to impact subsurface conditions at the site. As such, the historic use of the subject property is considered a REC.

Surrounding Sites

Potential impacts from current and historical operations conducted at adjacent and nearby properties involving the generation of hazardous waste, the use of above-ground and underground storage tanks (ASTs, USTs), and documented open spills, represent a REC due to the potential for off-site migration of contaminants to impact the soil and groundwater beneath the subject site. Five spills located within 1/8-mile of the subject property remain open.

- Mobil Oil #17-JWN is identified in the NY LTANKS database under NYSDEC Spill No. 8904939. The spill was reported in 1989 due to a tank tightness test failure. In 2010 70,000 ppb of petroleum related volatile organic compounds (VOCs)were detected in groundwater along the western boundary of the site during a Phase II Environmental Investigation.

- Mobil Service Station HPD is identified in the NY Spills database under NYSDEC Spill No. 9308101. The release occurred in 1993, when petroleum was found seeping through a cellar wall adjacent to the gasoline station. An offsite contamination plume associated with the spill is being investigated and remediated to achieve spill closure.

- CBS Broadcasting is identified in the NY Spills database under NYSDEC Spill No. 0403162. The spill occurred when 6,000-gallons of oil was mistakenly delivered to a 1,000-gallon tank. A series of investigations and remedial actions including fluid and vapor extraction and quarterly groundwater monitoring were completed following the spill to address the effectiveness of the remedial efforts. The most recent round of groundwater monitoring documented the presence of 0.05-feet of free product present in one of the monitoring wells, and analytical results revealed the presence of low level dissolved VOCs.

- Commercial Building is identified in the NY LTANKS database under NYSDEC Spill No. 11000355. The spill was reported as the result of a tank test failure of a fuel oil storage tank. Repairs were attempted but failed and it was concluded that the tank should be taken out of service and removed.

- West 54th Street & 11th Avenue is identified in the NY Spills database under NYSDEC Spill No. 8905000. The spill occurred as the result of equipment failure and oil was observed to be entering the sewer. A Site Investigation Work Plan was reviewed by the NYSDEC in July 2012.

Several open NYSDEC spills have been identified within 1/8th-mile of the subject property that, according to the information provided in the EDR report, have documented off-site groundwater impacts that could affect the saturated soil and groundwater conditions beneath the subject property. Therefore, the presence of off-site impacts to groundwater from the above referenced sites present the potential for adverse environmental impacts to the subject property is identified as a REC..

Business Environmental Risks

It is the opinion of the environmental profession that the following represent business environmental risks:

Underground Gasoline Storage Tanks

A gasoline UST is identified on Sanborn Fire Insurance Maps at the southern end of the building from 1951 through 2005. A magnetic anomaly was identified at the southern end of the building during a subsurface investigation completed at the subject property in 2010. Analytical results of the subsurface investigation subsequently completed in the area of the UST revealed no volatile organic compounds (VOCs) above applicable criteria in soil or groundwater in the vicinity of the UST. Based on these findings a release from the UST has not been identified; however, removal of any USTs or associated piping will be required in conjunction with any future site redevelopment.

Historic Urban Fill

Laboratory analytical results of soil samples collected from shallow subsurface fill material at the site during Phase II Environmental Investigations identified impacts from poly-aromatic hydrocarbons (PAHs) and metals. Based on the analytical results and the classification of the soil, it is anticipated that the material between the base of the existing basement slab and bedrock will be characterized as non-hazardous impacted fill material and require proper handling and disposal during disturbance of the material during site redevelopment.

Aboveground Fuel Oil Storage Tank

The subject property is identified in the NY AST and NY HIST AST databases for the presence of a 7,000-gallon AST containing fuel oil. According to NYSDEC records, the AST is located in the basement of the building and vaulted. The AST was observed during site reconnaissance and minor staining was noted on the tank and concrete floor of the vault during Langan's site inspection. Based on the access limitations of this area the potential presence of unobserved leaking in other portions of the AST area, the AST is considered a business environmental risk.

Removal of the tank and any impacted concrete and underlying soil will be required during the proposed site redevelopment.

Additional Non- ASTM Issues

Asbestos

A limited asbestos survey of the onsite building was completed in 2010. Although none of the samples submitted for laboratory analysis confirmed the presence of asbestos containing materials (ACM), the report concluded that pipe-insulation and associated mudded joints and roofing materials that were not sampled during the survey were presumed to be ACM. A complete asbestos survey will be required prior to any proposed building demolition or renovation in order to assess all potential ACM.

Lead-Based Paint (LBP)

A limited LBP assessment was completed in 2010. The results of the field screening revealed that LBP was found in the onsite building in components such as walls, doors, door cases, pipe riser and columns, and laboratory analytical results further confirmed the presence of LBP. Proper handling and disposal of LBP disturbed during proposed building renovation or demolition will be required.

1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) has completed a Phase I Environmental Site Assessment (ESA) of a ±0.69-acre site located at 525 West 52nd Street, New York, New York (Figure 1).

This ESA was conducted to identify current or potential environmental concerns and/or Recognized Environmental Conditions (RECs) resulting from past or current activities on the subject property, as well as to evaluate immediately surrounding environs with the potential to impact upon the property. The assessment consisted of a site reconnaissance of all accessible property areas, a review of State and Federal environmental databases as they concern the subject property and surrounding areas, contact with Federal, State and local agencies, a review of Sanborn Fire Insurance Maps of the subject property and surrounding areas, and a review of local/county records.

The ESA was conducted in a manner consistent with industry standard and practice and in accordance with the Standards of the American Society for Testing and Materials (ASTM) E1527-05 Standard Practice for Environmental Site Assessments. Any deviations from this practice are provided in Section 11.0 of this report.

2.0 RELIANCE/LIMITATIONS

This ESA report was prepared for 525 West 52nd St Development, LLC c/o Taconic Investment Partners, LLC (Taconic), for the proposed redevelopment of the 525 West 52nd Street property and for the objectives of due diligence. The report is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. Langan cannot assume responsibility for use of this report for any property other than the subject property addressed herein, or by any third party without a written authorization from Langan.

Langan's scope of services, as described in the proposal dated 13 May 2013, was limited to that agreed to with Taconic and no other services beyond those explicitly stated are implied. No exploratory borings, sampling of soil, soil vapor, or groundwater, or laboratory analysis were performed by Langan as part of the scope of services.

This Phase I ESA was not intended to be a definitive investigation of possible environmental impacts at the subject property. The purpose of this investigation was limited to determining if there is reason to suspect the possibility of Recognized Environmental Conditions (RECs) at the subject property. It should be understood that even the most comprehensive Phase I ESA may fail to detect environmental liabilities at a particular site. Therefore, Langan cannot "insure" or "certify" that the subject property is free of environmental impacts. No expressed or implied representation or warranty is included or intended in this report, except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession. The user is cautioned that federal, state, and local laws may impose environmental obligations that are beyond the scope of ASTM Practice E 1527-05.

The conclusions, opinions and recommendations provided in this report are based solely on the following activities:

- Visual observations of the subject property and the immediate vicinity at the time of Langan's site visit;
- Review of relevant available historical information; and,
- Correspondence and/or discussion with personnel knowledgeable about the site.

The conclusions, opinions and recommendations are intended exclusively for the purpose stated herein, at the specified subject property, as it existed at the time of our site visit.

The User is responsible for the review and identification of environmental liens, activity, and use limitations, and for ascertaining reasons for significantly lower purchase property price in accordance with Section 6 of ASTM E 1527-05. A questionnaire covering these above-concerns was provided to Taconic and is included as Appendix A. In addition, similar questionnaires were provided to Taconic as the property owner and operator and is included as Appendix B. If any of these above-concerns were uncovered during the course of the Phase I ESA, they are addressed in this report.

The report findings are based in part on information provided by local, county and state officials and environmental databases from Federal and State sources. Langan assumes no responsibility for the accuracy and completeness of this information. Visual observations discussed in this report represent conditions at the time of the site inspection and may not be representative of the past or future site conditions.

As per ASTM E1527-05, Phase I ESA Report deviations, as well as professional opinions regarding these deviations, are listed in Section 11.0.

This ESA has been prepared for the sole use of 525 West 52nd Street Development, LLC c/o Taconic Investment Partners, LLC. This ESA should not be relied upon by other parties without the express consent of Langan and of 525 West 52nd Street Development, LLC c/o Taconic Investment Partners, LLC. In accordance with Section 4.6 of ASTM E 1527-05 and 40 CFR §312.20, a Phase I ESA may be considered valid for one year starting from the commencement date of the assessment listed on the front cover of this report. The formal property acquisition/real estate transaction must take place during this period. However, the following components must be conducted or updated within 180 days (six months) prior to the date of the property acquisition/real estate transaction:

- Interviews with past and present owners, operators and occupants;
- Searches for recorded environmental cleanup liens;
- Review of governmental records;
- Site Reconnaissance of the property and adjoining properties; and,
- The declaration by the Environmental Professional.

3.0 SITE DESCRIPTION

The subject property is designated as Block 1081, Lot 7501 by the New York City Department of Finance (Figure 2). Additional addresses associated with the property include 523-531 West 52nd Street and 520-528 West 53rd Street. The site contains a commercial/office building with a basement and a loading dock area on the eastern side. The northern portion of the building is four-stories, the southern portion is seven-stories, and the eastern portion is three-stories.

The subject property is bounded to the north by West 53rd Street followed by a 30-story mixed use residential and commercial building located at 758 11th Avenue and a multi-story AT&T, Inc. utility building located at 501-517 West 53rd Street, to the east by a 25-story mixed use residential and commercial building located at 500 West 53rd Street, to the south by West 52nd Street followed by an 8-story residential building located at 535 West 51st Street, and to the west by a vacant lot and a new residential Clinton Housing Development building located at 533-547 West 52nd Street. The subject

property is located within an area of dense residential/commercial development in the Clinton/Hell's Kitchen district of Manhattan.

The property is currently zoned as a manufacturing district (M1-5) according the New York City Department of City Planning zoning map dated 06 February 2013. According to the New York City Department of Building the subject property is located in the Special Clinton Zoning District.

4.0 GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

For the purpose of report completeness and to better understand the subsurface conditions, the geologic conditions in the general area of the subject property are discussed in this section.

The "Geologic Map of New York City and Adjacent Part of New Jersey" by U.S. Geological Survey indicates the bedrock underlying the site is part of the Hartland Formation. The Hartland Formation is comprised of a dark gray, medium to coarse-grained muscovite-biotite-garnet (mica) schist and gray fine-grained quartz-feldspar granulite with biotite and garnet, with localized concentrations of granite and intrusions of coarse-grained granitic pegmatite. The predominant feature of the Hartland Formation is the parallel alignment of the mineral grains, referred to as schistosity of foliation. The foliation in the Hartland Formation generally dips steeply to the west or the east depending on local conditions of folding, although foliation dipping to other directions or nearly horizontal foliation has been observed.

The subject property is located approximately 1/4-mile east of the Hudson River. The area of the subject property is underlain by shallow layers of fill and glacial deposits that may extend to about 17 feet below ground surface (b.g.s.).

Test borings completed in the vicinity of the subject property by Langan in 2000 indicate that subsurface conditions generally consist of an approximate three foot thick layer of miscellaneous fill underlain by successive layers of glacial deposits, decomposed rock, and mica schist bedrock. Rock was typically encountered at depths of approximately 7 to 17 feet b.g.s. Groundwater was encountered at approximately 8 to 9 feet b.g.s. Based on site/area topography, groundwater flow within the overburden material is anticipated to be to the west, towards the Hudson River.

Investigations completed by Langan near the subject property also indicate that lenses of serpentine have been observed in bedrock north of the Site. Serpentinite consists of hydrous minerals, some of which are fibrous and asbestiform. Langan investigations north of the Site have yielded evidence of chrysotile, an asbestiform mineral, in varying concentrations within serpentinite.

5.0 USER PROVIDED INFORMATION

A questionnaire was completed by the User and is included in Appendix A. Information obtained from this questionnaire is discussed in the sections below. In addition, documents provided by the User are also discussed in this section.

5.1 Title Records

A Title Search was not provided by the User for this ESA; however, Langan reviewed information maintained online by the New York City Department of Finance (NYCDOF) for title records. No ownership records are available from the NYCDOF for the subject property. According to OASIS (http://www.oasisnyc.net/map.aspx) the current owner is identified as Apple Industrial Condominium.

5.2 Environmental Liens or Activity and Use Limitations

Reasonably ascertainable recorded land title records and lien records that are filed under federal, tribal, state, or local law should be reviewed to identify environmental liens or activity and use limitations, if any, that are currently recorded against the property. Any environmental liens or activity and use limitations are required to be reported to the Environmental Professional conducting the ESA per ASTM E1527-05.

No environmental liens or use limitations (engineering or institutional controls) were identified for the subject property in the title report, EDR report, or by the User. Information regarding the 'E'-designation status of the property can be found in Section 8 of this report.

5.3 Specialized Knowledge

Specialized knowledge is defined by ASTM E 1527-05 as *"any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property*". For example, a User is involved in the same

line of business as current or former occupants of the property or adjoining property and has specialized knowledge of the chemicals and processes used in this line of business.

The User did not provide specialized knowledge material to recognized environmental conditions in connection with the property as part of this ESA.

5.4 Valuation Reduction for Environmental Issues

In a transaction involving the purchase of a parcel of commercial real estate, the User shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The User should try to identify an explanation for a lower price which does not reasonably reflect fair market value if the property were not contaminated.

No information related to a valuation reduction for environmental issues was provided to Langan.

5.5 Commonly Known Information

If the user is aware of any commonly known or reasonably ascertainable information within the local community about the property that is material to recognized environmental conditions in connection with the property, it is the User's responsibility to communicate such information. This information may include past uses of the property, specific chemicals that were used on site, spills or releases or environmental cleanups that have taken place.

No additional information regarding the environmental condition of the subject site was provided to Langan.

5.6 Documentation Provided by the User

The User provided Langan with the following historic environmental reports prepared for the subject property.

Phase I Environmental Site Assessment prepared by Environmental Management Solutions of New York, Inc. (EMSNY), dated May 20, 2004

EMSNY completed a Phase I Environmental Site Assessment on behalf of Newmark Realty. The Phase I ESA report documented activities conducted at the time of the inspection to include small scale printing and lithography with paper and printing products storage and I office use. The site walkthrough completed by EMSNY identified containers of photography chemicals, inks, and containers of alcohol (associated with printing processes), as well as unlabeled 3-5 gallon containers containing unknown liquids, and a 55-gallon drum with a hazardous waste label that was determined to contain waste alcohol generated during printing press cleaning activities. A 7,500-gallon oil storage tank was observed in the basement of the building. Ink stains were observed in areas where printing activities were conducted and oil staining was observed on the basement floor in the boiler area. EMSNY indicated that residual hazardous waste from printing processes may be onsite and cited this as a REC. Suspect asbestos containing materials (ACM) were observed during the site inspection conducted during the ESA. Additionally, the report noted that lead-based paint (LBP) was suspected at the property due to the age of the structure.

Phase II Subsurface Investigation prepared by General Consolidated Industries, Inc. (GCI), dated June 2, 2006

GCI completed a Phase II Subsurface Investigation on behalf of Commerce Bank, N.A. The Phase II report references a Phase I ESA report, dated May 5, 2006 that was completed by GCI. Although a copy of this Phase I report was not provided by the User as part of Langan's ESA, the Phase II provided a summary of RECs that were identified in the Phase I. The Phase I identified the potential for accidental spills and/or illegal discharges during photographic developing and printing operations at the site, both at the time of inspection and historically. Based on GCI's historical records review, a gasoline tank was located at the site from circa 1951 until at least 1996 and there was concern that an undocumented storage tank was located at the subject site. GCI completed a series of dye tests to identify discharge points for slop sinks, bathrooms, sump pits, floor and trench drains, and printer drainage and a geophysical investigation to identify possible USTs at the site. The results of the dye testing confirmed that five slop sinks, the bathrooms, three printer drainage points, and three of the sump pits are connected to the New York City sewer system and that no further work was required to confirm they were connected to the sewer system.

The connection of six of the drainage points could not be confirmed due to the structures being clogged. Two floor drains were reported to be connected to a buried leaching "drywell", although the location of the drywell was not identified. GCI recommended that the clogged structures be pumped out, cleared of debris, and power jetted to clear the structures and the piping. The results of GCI's geophysical investigation and site inspection did not identify any magnetic anomalies that would be indicative of an underground storage tank (UST) or evidence of storage tanks (i.e., patched areas, fill ports, vent lines, manways).

Limited Lead-Based Paint Inspection Report prepared by Precision Environmental, Inc. (Precision), dated November 10, 2010

Precision completed limited lead-based paint (LBP) testing at the site in early November 2010. The testing was performed using an X-Ray Fluorescence (XRF) analyzer with confirmatory paint chip sampling and in accordance with USEPA and United States Housing and Urban Development (USHUD) protocol. Paint testing was limited to painted surfaces within accessible areas of the 7-story and 4-story buildings at the site and areas where Precision was provided access. A total of 218 XRF readings were collected from randomly selected painted surfaces within the accessible areas of buildings, basement, loading and garbage areas at the subject site. The results of XRF field screening revealed that LBP was found in the buildings in components such as walls, doors, door cases, pipe riser and columns, and laboratory analytical results further confirmed the presence of LBP. Based on the presence of LBP at the subject site, Precision provided a detailed list of areas where LBP abatement precautions should be followed during any modernization or renovation activities. Precision also recommended confirmatory sampling at the completion of every construction activity even in areas where levels of lead were found to be beneath regulatory levels.

Limited Asbestos Survey and Abatement Cost Estimate of ACM and LBP prepared by Precision, dated November 16, 2010

Precision completed a limited asbestos survey in conjunction with the LBP testing in early November 2010. The asbestos testing included collection of 25 samples of suspect ACM at the site, including pipe insulation, roofing materials, gypsum board, gray mastic, cinderblock mortar, brick mortar, ceiling tiles, floor tiles and other materials. The report also identified concealed piping insulation

and roofing materials as presumed ACM. Based upon the ACM and LBP surveys and testing completed, Precision recommended completion of a comprehensive asbestos and LBP survey and bulk sampling prior to any site demolition.

Limited Due Diligence Investigation Report prepared by Fleming Lee Shue, Inc. (FLS), dated December 20, 2010

FLS completed a limited due diligence investigation on behalf of Taconic Investment Partners, L.L.C. in November/December 2010 that consisted of a site visit to observe evidence of potential contamination associated with historic use of the site, a review of historic Sanborn maps for the site and surrounding properties to determine the types and dates of historic activities that may have impacted the property, a geophysical survey to determine the potential presence of USTs shown on the 1951 Sanborn map, and a limited subsurface investigation that included the installation of nine soil borings and two temporary well-points to allow for the collection of soil and groundwater samples for laboratory analysis. The site walk-through identified two cut-off pipes at the southern end of the sub-cellar associated with two vent pipes observed on the roof top of the building and a suspected fill port at the west side of the boiler room. Additionally, several floor drains were observed in the sub-cellar area (one with signs of damage and discharge of unknown liquids to the subsurface), an active oil tank and boiler were identified in the eastern portion of the sub-cellar and fuel oil stains were observed around a suspected fill port on the south side of the boiler room, and oil staining was noted on the floor in the southeast corner of the sub-cellar where the fill line enters the building (52nd Street side).

The geophysical survey detected magnetic anomalies indicative of buried USTs in the southern portion of the sub-cellar as well as other anomalies in the same area. Soil borings were completed in the vicinity of the potential buried UST, floor drains, the boiler room, and an area of stained soil within the basement. The results of soil sampling were compared to NYSDEC Technical and Administrative Guidance Memorandum (TAGM) Recommended Soil Cleanup Objectives (RSCOs) and revealed the presence of semi-volatile organic compounds (SVOCs), zinc, and mercury at concentrations above their respective RSCOs. Based on the type of SVOCs identified, FLS concluded that the concentrations of compounds such as, benzo(a)anthracene, benzo(a)pyrene as well as others, were related to the presence of urban historic fill beneath the

site. The soil sampling also identified the presence of slightly elevated levels of mercury and zinc in two soil samples collected from floor drain areas. The results of groundwater sampling did not reveal the presence of VOCs in either sample collected. Several SVOCs were identified in the groundwater samples collected from the boiler room area and stained soil area and FLS concluded that the presence of SVOCs in the boiler room groundwater sample was likely petroleum related and the presence of SVOCs in the stained soil area sample was likely related to sediment in the groundwater sample.

Phase I Environmental Site Assessment prepared by AKRF, Inc., dated July 3, 2012

AKRF completed a Phase I Environmental Site Assessment on behalf of the Clinton Housing Development Company for the addresses at 530-548 West 53rd Street, 543 West 52nd Street, and 525 West 52nd Street. RECs identified with the 525 West 52nd Street address included the following:

- Historical use of the subject site for printing operations and manufacturing;
- The subject site was listed in the regulatory databases as a generator of hazardous wastes for the production of waste streams, including ignitable wastes, corrosive wastes and silver associated with former printing operations;
- The subject site was listed in the NYSDEC Spills database with two closed regulatory status spills;
- A reference to the FLS report and the findings of the limited subsurface investigation detailed above.

The AKRF Phase I report also referenced the 7,000-gallon No. 2 fuel oil AST in the basement of the subject site, and potential for ACM, LBP, and PCBs in building materials and equipment. Off-site historic RECs identified by AKRF included automotive facilities, gasoline storage tanks, a welding shop, a filling station associated with a migrating contaminant plume, a taxi repair facility, several repair shops and metal works facilities, and manufacturing businesses.

AKRF's recommendations following their due diligence included a subsurface investigation with laboratory analysis of soil, soil vapor, and groundwater samples.

6.0 REVIEW OF PREVIOUS LAND USE

Historic Sanborn Fire Insurance Maps and City Directory Information were requested from Environmental Data Resources (EDR) of Milford, Connecticut. Provided are descriptions of the materials provided by these resources.

6.1 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps of the subject property and surrounding area dated 1890, 1892, 1899, 1907, 1911, 1926, 1930, 1950, 1951, 1976, 1979, 1980, 1982, 1984, 1985, 1987, 1988, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 2001, 2002, 2003, 2004, and 2005 were obtained from Environmental Data Resources and reviewed as part of this ESA. Copies of Sanborn Maps are provided in Appendix C.

1890 Sanborn Map

Subject Property: There is no coverage of the subject property on the 1890 Sanborn Map.

Adjoining Properties: The subject property is bordered to the south by a two- to seven-story building that is identified as a The Frarer Brothers which manufactured of twines and hammocks. A dye house and five storage containers are located at the rear of the building. No coverage is provided to the north, east, or west of the subject property.

1892 Sanborn Map

Subject Property: The portion of the subject property with frontage on West 53rd Street consists of a single five-story building at 528 West 53rd Street and building foundations at 520-526 West 53rd Street. The portion of the subject property with frontage on West 52nd Street consists of four five-story buildings at 523 West 52nd Street and 527-531 West 52nd Street and a two two-story and one one-story building with a front yard at 525 West 52nd Street.

Adjoining Properties: The subject property is bordered to the north by the Central Park North & East River Railroad Company. The four-story building contains stables, a car-house, repair shops, and offices. The subject property is bordered to the east by building foundations and a five-story building and to the

west by two five-story buildings. There is no coverage to the south of the subject property

1899 Sanborn Map

Subject Property: There is no coverage of the subject property on the 1899 Sanborn Map.

Adjoining Properties: Conditions shown on the 1899 Sanborn Map are similar to those shown on the 1890 Sanborn Map with the exception that the dye house is no longer labeled, and two elevators are shown in the building to the south. No coverage is provided to the north, east, or west of the subject property.

1907 Sanborn Map

Subject Property: The portion of the subject property with frontage on West 53rd Street consists of five five-story residential buildings with basements. The portion of the subject property with frontage on West 52nd Street consists of a five-story residential building with a basement at 523 West 52nd Street, a five-story mixed-used commercial and residential building at 527 West 52nd Street, two five-story residential buildings at 529 and 531 West 52nd Street, and two two-story buildings and three one-story buildings with a front yard at 525 West 52nd Street.

Adjoining Properties: The subject property is bordered to the north by the Metropolitan Street Railway Company West Belt Division. The four-story building contains stables, a car-house, repair shops, storage of old cars, and feed storage. The subject property is bordered to the east by a five-story residential building with a basement and a five-story mixed-use commercial and residential building with a basement. The subject property is bordered to the west by a five-story residential building with a basement and a five-story mixed-use commercial and residential building. No coverage is provided to the south.

1911 Sanborn Map

Subject Property: There is no coverage of the subject property on the 1911 Sanborn Map.

Adjoining Properties: The building to the south is now shown as having a basement and being occupied by a piano factory. No coverage is provided to the north, east, or west of the subject property.

1926 Sanborn Map

Subject Property: Conditions shown on the 1926 Sanborn Map are similar to those shown on the 1907 Sanborn Map with the exception that the property at 525 West 52nd Street is now vacant.

Adjoining Properties: The subject property is bordered to the north by the Third Avenue Railway System (54th Street Division). The four-story building contains a car barn, storage warehouse space, and new automobile storage. An oil room is shown on the east side of the building and an electrical substation is shown in the northwest corner of the building. A basement for the building is now identified. The subject property is bordered to the east by a five-story residential building with a basement and a five-story mixed-use commercial and residential building with a basement. The subject property is bordered to the west by a five-story residential building with a basement and a five-story mixed-use commercial and residential building. No coverage is provided to the south.

1930 Sanborn Map

Subject Property: There is no coverage of the subject property on the 1930 Sanborn Map.

Adjoining Properties: The building to the south is now identified as Hardman Peck Company Piano Factory. No coverage is provided to the north, east, or west of the subject property.

1950 Sanborn Map

Subject and Adjoining Properties: Conditions shown on the 1950 Sanborn Map are similar to those shown on the 1926 Sanborn Map.

1951 Sanborn Map

Subject Property: The existing building is shown on the subject property. The portion of the building with frontage on West 52nd Street was built in 1929, consists of seven stories and a basement, and is labeled as loading flats. Two elevators and a gasoline tank are shown on the southern edge of the building. The portion of the building with frontage on West 53rd Street is shown as being built in 1937 is four stories with a basement, and is labeled as containing printing operations on the first floor and offices on the second floor. A concrete ramp to the basement is identified in the northwest corner of the building. The New

York Central train tracks run from north to south under the northeast corner of the subject property.

Adjoining Properties: The four-story building to the north is now operated as a United States Post Office Garage and Madison Storage Warehouse Company which provides storage for new automobiles. An oil room is identified on the east side of the warehouse building and a ramp from the third to fourth floors is shown. The New York Central train tracks run underneath the buildings from north to south. The subject property is bordered to the east by a vacant lot and to the west by a vacant lot and a one-story building labeled as paint spraying and offices. A gasoline tank is shown on the eastern side of the building. No coverage is provided to the south.

1968 Sanborn Map

Subject Property: There is no coverage of the subject property on the 1968 Sanborn Map.

Adjoining Properties: The building to the south is no longer identified as Hardman Peck Company Piano Factory but is labeled as flats. No coverage is provided to the north, east, or west of the subject property.

1976 Sanborn Map

Subject Property: Conditions shown on the 1976 Sanborn Map are similar to those shown on the 1951 Sanborn Map.

Adjoining Properties: The subject property is bordered to the north by the four-story United States Post Office Garage and a three-story garage with a basement. The United States Post Office Garage building is identified as having automatic sprinklers in the gasoline vaults only; however, the exact location of the vaults is not shown. The New York Central tracks run underneath the buildings from north to south. No coverage is provided to the south.

1979 Sanborn Map

Subject Property: Conditions shown on the 1979 Sanborn Map are similar to those shown on the 1976 Sanborn Map.

Adjoining Properties: Conditions shown on the 1979 Sanborn Map are similar to those shown on the 1976 Sanborn Map with the exception that the United States Post Office Garage is no longer identified to the north of the subject property and the one-story building to the west is now labeled as flats. The subject property is bordered to the south by a vacant lot.

1980 Sanborn Map

Subject and Adjacent Properties: Conditions shown on the 1980 Sanborn Map are similar to those shown on the 1979 Sanborn Map.

1982 Sanborn Map

Subject and Adjacent Properties: Conditions shown on the 1982 Sanborn Map are similar to those shown on the 1980 Sanborn Map with the exception that the adjacent property to the south is now shown as containing two eight-story buildings with associated parking lot that is identified as Clinton Manor.

1984 Sanborn Map

Subject Property: There is no coverage of the subject property on the 1984 Sanborn Map.

Adjoining Properties: No coverage is provided to the north, east, or west of the subject property. Conditions shown on the 1984 Sanborn Map of the building to the south of the subject property are similar to those shown on the 1982 Sanborn Map.

1985 Sanborn Map

Subject and Adjacent Properties: Conditions shown on the 1985 Sanborn Map are similar to those shown on the 1982 Sanborn Map with the exception that the building to the north of the subject property that was formerly occupied by the United States Post Office Garage is now occupied by a parking facility.

1987 Sanborn Map

Subject and Adjacent Properties: Conditions shown on the 1986 Sanborn Map are similar to those shown on the 1985 Sanborn Map with the exception that the subject property is now identified as United Envelope Company, Inc and is labeled for manufacturing.

1988 Sanborn Map

Subject and Adjacent Properties: Conditions shown on the 1988 Sanborn Map are similar to those shown on the 1987 Sanborn Map with the exception that a three-story building with a basement is now shown bordering the subject property to the east and the one-story building to the west of the subject property is now labeled as manufacturing.

1990 through 2005 Sanborn Map

Subject and Adjacent Properties: Conditions shown on the 1990 through 2005 Sanborn Maps are similar to those shown on the 1988 Sanborn Map with the exception that the lot formerly shown as vacant to the west of the subject property is now identified as a parking facility.

6.2 City Directory Search

City directory information was obtained from EDR in an attempt to identify past uses of the subject property and establishments in the surrounding area. As provided in the City Directory Abstract (Appendix D), business directories including city, cross-reference and telephone directories were reviewed spanning. City directories include the site address for the years 1920 through 2012 including 1920, 1927, 1931, 1934, 1938, 1942, 1947, 1950, 1956, 1958, 1963, 1968, 1973, 1978, 1988, 1993, 1998, 2000, 2006, 2007, and 2012.

The City Directory Report consists of private residential, professional, commercial, and manufacturing listings. Businesses of potential concern that were formerly located on the subject property include lithographers, an envelope company, a photography laboratory, printing companies, and a plate company.

Listings over the years for adjacent properties consisted predominantly of professional and residential listings. Businesses of potential concern include a paint spraying company, and auto repair shop, and an auto painting company.

7.0 REGULATORY DATABASE SEARCH

A database search report that identifies sites listed on state and federal databases within the ASTM-required radii was obtained for the property from Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. A copy of EDR's complete report is provided as Appendix E.

The report included the following databases specified by the ASTM Phase I protocol as well as non-ASTM databases (not listed):

Database	Search Radius
• National Priorities List (NPL)	1 mile
• Comprehensive Environmental Response, Compensation and Liability Information System	0.5 mile
• Resource Conservation and Recovery Information System (RECRIS) Treatment, Storage, and Disposal Facilities (RCRA TSD)	0.5 mile
• Resource Conservation and Recovery Corrective Action Sites (RCRA COR)	1 mile
• RCIS Large and Small Quantity Generators (RCRA GEN)	0.25 mile
• Emergency Response Notification System (ERNS)	0.25 mile
• The Facility Index System (FINDS)	0.25 mile
• State Hazardous Waste Sites	1 mile
• Regulated State Underground Storage Tank (UST) and Aboveground Storage Tank database (AST)	0.25 mile
• State Leaking Underground Storage Tank (LUST)	0.5 mile
• Brownfield Site Database	0.25 mile
• Engineering Controls Sites	0.5 mile
• Institutional Controls Sites	0.5 mile
• Indian Reservation Database	1 mile

* A description of these databases and a complete listing of sites identified on the above-referenced databases is provided in the EDR Report.

Based on the large number of sites identified within one mile of the subject property (734), Langan limited the review of surrounding properties to sites within 1/8-mile from the subject property. It is the environmental professional's opinion that based on the dense development of the site area, and former, current and proposed use of the site that the review of the database pertaining to this more limited area is appropriate. Langan evaluated the following to determine whether additional environmental records with respect to these facilities, including the orphan sites, should be reviewed:

- Case status (i.e., whether a No Further Action letter has been issued or a case has been closed);
- Type of database and whether the presence of soil or ground water contamination is known;
- Distance of the site from the subject property; and,
- Whether the site is upgradient or downgradient of the subject property based on local topography and the anticipated western groundwater flow direction.

Langan reviewed the information provided using the above criteria and the findings are discussed below.

Subject Properties

The subject property is identified in the NY MANIFEST, RCRA LQG, RCRA NonGen, NY AST, NY HIST AST, ERNS, NY Spills, and FINDS databases. These listings are discussed below.

The subject property is identified as Tana Seybert at 525 West 52nd Street in the RCRA LQG database for forms received by the United States Environmental Protection Agency (USEPA) on 26 February 2008 classifying the site as a large quantity generator for the disposal of non-listed ignitable waste. Historic generator information includes forms received on 1 January 2007, 15 February 2006, 25 August 2005, 1 March 2004, 24 February 2002, and 1 January 2001 classifying the site as a LQG, forms received on 14 February 2006 classifying the site as a small quantity generator, and forms received on 2 September 1999 classifying the site as a conditionally-exempt small quantity generator. Written informal violations were issued to the facility on 28 June 2004 during a compliance evaluation inspection and compliance was achieved on 8 August 2004. The subject property is identified as Astrid Offset Corp. at 525 West 52nd Street in the RCRA NonGen database for forms received by the USEPA on 1 January 2007 classifying the site as a non-generator. Historic generator information includes forms received on 1 January 2006 classifying the site as a non-generator and on 16 January 1996 classifying the site as a small quantity generator. No violations are reported for the facility.

The subject property is identified in the NY MANIFEST database as Tana Seybert at 525 West 52nd Street for the disposal of 12,741 pounds and 3,410 gallons of non-reported waste in 2009. The subject property is also identified in the NY MANIFEST database as Astrid Offset Corp. at 525 West 52nd Street for the disposal of 105-pounds of non-listed corrosive waste, 895-pounds of silver-impacted waste, and 175-gallons of silver-impacted waste between 1996 and 2000.

The subject property is identified as Apple Ind Condo at 525 West 52nd Street in the NY AST and NY HIST AST databases for a 7,000-gallon aboveground storage tank containing fuel oil that is listed as being in service. The subject property is identified as Vault 3484 at 525-537 West 52nd Street in the NY Spills database for an incident that was reported to the New York State Department of Environmental Conservation

(NYSDEC) on 4 January 2000 and assigned NYSDEC Spill No. 9911542. The spill was reported when 25-gallons of transformer oil was found floating on approximately 75-gallons of water in vault 3484. Contamination of the sewer was suspected however, the dropping water level in the vault was attributed to a drain in the vault. A tanker truck was dispatched to the site to drain the transformer and the spill was administratively closed on 17 March 2000.

Based on the records provided in the RCRA LQG and NY MANIFEST database identifying the generation and disposal of hazardous waste as a result of former operations, it is the opinion of the environmental professional that historic use of the subject property represents and REC. Based on the closed status of the spills and their location in a vault in the road adjacent to the subject property it is the opinion of the environmental professional that these spills do not represent an REC.

Surrounding Properties

Database	No. of Sites within 1/8-mile	Adjacent sites (Y/N)	No. of Adjacent Sites
RCRA SQG	1	N	0
RCRA LQG	3	Y	1
RCRA CESQG	4	Y	2
NY TANKS	2	Y	1
NY UST	17	Y	1
NY HIST UST	13	Y	2
NY AST	28	Y	2
NY BROWNFIELDS	1	N	0
RCRA NonGen	17	Y	3
NY MANIFEST	43	Y	6
NJ MANIFEST	2	Y	1
NY DRYCLEANERS	1	N	0
NY E DESIGNATION	5	N	0
EDR Hist Auto Stat	19	Y	1
EDR UST Hist Cleaners	8	Y	1

Database	No. of Sites within 1/8-mile	No. Cases Open/Closed	Open Upgradient Cases	No. of Adjacent Sites
LTANKS	14	2 / 17	2	2
NY Spills	48	3 / 58	3	7
NY Hist Spills	35	2 / 33	1	0

West 52nd Street

West 52nd Street Affordable Developer located upgradient of and adjacent to the subject property at 533-541 West 52nd Street is identified in the RCRA LQG database for forms received by the USEPA on 13 January 2012 classifying the site as a LQG for the generation of hazardous lead-impacted waste. No violations are reported for the facility. West 52nd Street Affordable Developers LLC is also identified in the NY MANIFEST database for the disposal of 501-tons of non-reported waste in 2012.

Clinton Manor located upgradient and adjacent to the subject property to the south at 535 West 51st Street (the property also has frontage on West 52nd Street) is identified in the NY UST and NY HIST UST databases for a 20,000-gallon fuel oil UST that is identified as being in service. Apartment Building located at 535 West 51st Street is identified in the NY Spill database for an incident that occurred on 11 November 1997 and was assigned NYSDEC Spill No. 9709805. According to the NYSDEC case narrative that was provided in the EDR report, a 15-gallon fuel oil spill occurred on the sidewalk as the result of equipment failure. No sewers were impacted by the spill and the material was contained and cleaned. No further information was provided regarding the cleanup of the spill; however, the spill was administratively closed on 25 February 2003.

501 West 51st Street (the property also has frontage on West 52nd Street) located downgradient adjacent to the subject property is identified in the NY AST and NY HIST AST database for a 2,000-gallon fuel oil AST that is listed as being in service. Apartment Building located at 501 West 51st Street is also identified in the NY Spills database under NYSDEC Spill No. 0813463 for an incident that occurred on 1 August 2008. According to the NYSDEC case narrative that was provided in the EDR report, the spill was reported following the removal of a 275-gallon storage tank with unknown contents and associated contaminated soil. End-point samples revealed residual impacts below the applicable cleanup criteria and the spill was closed on 17 March 2009.

West 53rd Street

Con Edison located upgradient and adjacent to the subject property to the northeast at 500 West 54th street (the property also has frontage on West 53rd Street) is identified in the RCRA NonGen database for forms received by the USEPA on 5 July 2006 classifying the site as a non-generator. Historic generator information includes

forms received on 7 July 2006 classifying the site as a non-generator. Forms were received by the USEPA on 3 July 2006 however the classification is unverified. No violations are reported for the facility. This Con Edison location is also identified in the NY MANIFEST database for the disposal of 1,490 pounds of miscellaneous PCB-impacted waste in 2006.

Con Edison located upgradient and adjacent to the subject property to the northeast at 538 West 53rd Street is identified in the NY MANIFEST database for the disposal of 1,000-pounds of non-reported waste in 2012.

11th Avenue

New York Telephone Co. located upgradient and adjacent to the subject property to the northwest at 770 11th Avenue is identified in the RCRA CESQG database for forms received by the USEPA on 1 January 2007 classifying the site as a CESQG. Historic generator information includes forms received by the USEPA on 1 January 2006 classifying the site as a CESQG and on 15 March 1993 classifying the site SQG. No violations are reported for the facility. New York Telephone Co. is also identified in the NY MANIFEST database for 110-gallons of benzene-impacted waste, 24-gallons of non-listed ignitable waste, and 2,180-pounds of non-listed ignitable waste.

Vacant Lot located upgradient and adjacent to the subject property to the north at 770 11th Avenue is identified in the NY LTANKS database for an incident that was reported to the department on 14 August 1987 and assigned NYSDEC Spill No. 8704066. According to the NYSDEC case narrative that was provided in the EDR report, the spill was reported as the result of a failed tank test. No additional information is provided in the EDR report; however, the spill was administratively closed on 27 April 1994. Vacant Lot is also identified in the NY Spills database under NYSDEC Spill No. 0706546 for an incident that was reported to the department on 12 September 2007. According to the NYSDEC case narrative that was provided in the EDR report, the spill was reported when free product was identified in the subsurface during construction excavation. Soil sample analytical results revealed the presence of semi-volatile organic compounds (SVOCs). According to the site project manager, five 275-gallon storage tanks with unidentified contents and one 2,000-gallon storage tank containing waste oil were found at the site although no free product was identified to be associated with them. Due to the redevelopment of the site, all soil was removed to bedrock and groundwater was not encountered. The spill was administratively closed on 20 June 2008.

In Parking Lot located upgradient and adjacent to the subject property at 766 11th Avenue is identified in the NY LTANKS database for an incident that was reported on 11 August 1987 and assigned NYSDEC Spill No. 8703912. According to the NYSDEC case narrative that was provided in the EDR report, the spill was reported as the result of a tank test failure. No additional information is provided in the EDR report; however, the spill was administratively closed on 27 April 1994. In Parking Lot is also identified in the NY Spills database under NYSDEC Spill No. 0512738 for an incident that was reported to the department on 3 February 2006, and NYSDEC Spill No. 9313414 for an incident that was reported to the department on 14 February 1994. According to the NYSDEC case narrative that was provided in the EDR report, Spill No. 0512738 was reported when leaking one-gallon containers were observed in the parking lot of the Verizon building. No additional information is provided in the EDR report; however, the case was administratively closed on 13 July 2009. Spill No. 9313414 was reported when an odor was reported and air monitoring was requested on the site. The NYSDEC Remarks indicate that this Spill No. is associated with an old spill file. The spill was administratively closed on 15 February 1994.

Former Verizon Facility located upgradient and adjacent to the subject property to the northwest at 770 11th Avenue is identified in the NY TANKS database as an active PBS facility. Former Verizon Facility is also identified in the NY Spills database under NYSDEC Spill No. 0703518 for an incident that occurred on 26 June 2007. According to the NYSDEC case narrative that was provided in the EDR report, the spill was reported when an UST was removed from the basement of the building and contaminated soil was identified although the impacted material was confined by historic sub-floor from a previous building at the site. The spill case was combined with Spill No. 0706546 (discussed above) and was administratively closed on 20 June 2008.

Bell Atlantic located upgradient and adjacent to the subject property to the northwest at 766-770 11th Avenue is identified in the NY HIST UST database for four 4,000-gallon ASTs containing unleaded gasoline and a 4,000-gallon AST containing diesel. Two of the ASTs containing unleaded gasoline and the AST containing diesel are listed as being removed. The status of the remaining two 4,000-gallon ASTs containing unleaded gasoline is unknown.

Verizon located upgradient and adjacent to the subject property at 700 11th Avenue and 54th Street is identified in the NJ MANIFEST database for the disposal of 100-pounds of benzene-impacted waste in 2007.

10th Avenue

AT&T Web Hosting & Commercial Operations located upgradient and adjacent to the subject property to the northeast at 811 10th Avenue is identified in the RCRA CESQG database for forms received by the USEPA on 1 January 2007 classifying the site as a CESQG. Historic generator information includes forms received by 1 January 2006 classifying the site as a CESQG, on 2 February 1998 and 15 January 1998 classifying the site as a LQG, and on 15 January 1998 classifying the site as a SQG. The facility received a written informal violation on 8 September 2000 and achieved compliance on 10 October 2001. The facility received two recordkeeping/ reporting violations on 30 April 1993 and achieved compliance on 25 January 1996. The facility received a written informal violation on 3 February 1984 and achieved compliance on 24 August 1984. AT&T Web Hosting & Commercial Operations is also identified in the NY MANIFEST database for the disposal of 2,524-pounds of non-listed ignitable waste, 975-pounds of non-listed corrosive waste, 840-pounds of lead-impacted waste, 4,602-pounds of mercury-impacted waste, 2,150-pounds and 55-gallons of non-reported waste, 60-pounds of waste impacted with dichlorodifluoromethane, and 10 pounds of waste impacted with 1,1,1-trichloroethane between 1992 and 2005. AT&T Web Hosting & Commercial Operations is also identified in the NY Spills database for an incident that occurred on 1 March 2010 and was assigned NYSDEC Spill No. 0912497. According to the NYSDEC case narrative that was provided in the EDR report, the spill was reported when 1.5-gallons of an unknown petroleum was found on the site. No additional information is provided in the EDR report; however, the spill was administratively closed on 1 April 2010.

The site is also identified in the NY AST database for six 20,000-gallon fuel oil ASTs that are listed as being in service, two 275-gallon fuel oil ASTs that are listed as being closed in place, six 20,000-gallon ASTs that are identified as being closed in place, one 20,000-gallon fuel oil AST that is identified as being closed in place, two 540-gallon fuel oil ASTs that are identified as being in service, and one 540-gallon fuel oil AST and one 540-gallon waste oil AST containing that are identified as being closed in place.

Bell Atlantic located upgradient and adjacent to the subject property at 811 10th Avenue is identified in the RCRA NonGen database for forms received by the USEPA on 1 January 2007 classifying the site as a non-generator. Historic generator information includes forms received on 1 January 2006 classifying the site as a non-generator and

forms received on 1 August 2000 classifying the site as a LQG. No violations are reported for the facility.

Lucent Technologies Inc. located upgradient and adjacent to the subject property at 811 10th Avenue is identified in the RCRA NonGen database for forms received by the USEPA on 1 January 2007 classifying the site as a non-generator. Historic generator information includes forms received on 1 January 2006 classifying the site as a non-generator and forms received on 28 April 1999 classifying the site as a CESQG. No violations are reported for the facility. Lucent Technologies is also identified in the NY MANIFEST database for the disposal of 25-pounds of waste impacted with dichlorodifluoromethane in 1999.

In Front Of located upgradient and adjacent to the subject property at 811 10th Avenue is identified in the NY Spills database for an incident that occurred on 6 April 2000 and was assigned NYSDEC Spill No. 0000276 and an incident that occurred on 25 December 2009 and was assigned NYSDEC Spill No. 0910510. According to the NYSDEC case narrative that was provided in the EDR report, spill No. 0000276 occurred when an unreported volume of waste fluids from a vehicle leaked on a sidewalk. The NYSDEC narrative indicate that this spill is related to the AT&T spill site. No additional information is provided in the EDR report; however, the case was administratively closed on 7 April 2000. Spill No. 0910510 was reported when Con Edison responded to a report of a smoking transformer and found that approximately 45-gallons of oil had leaked out of the unit. The spill was contained in the transformer vault and cleaned up by Con Edison. Analytical results of the oil revealed 3 ppm of polychlorinated biphenyls (PCBs). No further information was provided in the EDR report regarding the cleanup of this spill; however, the spill was administratively closed on 16 February 2010.

RCRA Small Quantity Generators (RCRA SQG)

The RCRA SQG database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

According to EDR the only RCRA SQG site located within 1/8-mile of the subject property is Manhattan Jeep Eagle Inc. located approximately 580-feet to the southwest and upgradient of the subject property at 711 11th Avenue. The site is identified in the RCRA SQG database for forms received by the USEPA on 1 January 2007 classifying

the site as a SQG. Historic generator information includes forms received by the USEPA on 1 January 2006 classifying the site as a SQG, on 2 May 1995 classifying the site as a CESQG, and on 30 May 1989 classifying the site as a LQG. There are no violations reported for the facility.

RCRA Large Quantity Generators (LQG)

The RCRA LQG database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kg of hazardous waste per month or over 1 kg of acutely hazardous waste per month.

According to EDR, the following RCRA LQG sites are located within 1/8-mile of the subject property:

- West 52nd Street Affordable Developer – 533-541 West 52nd Street
- Con Edison – Manhole 10190 – West 53rd Street & 10th Avenue
- Con Edison – Manhole 56252 – 834 10th Avenue & West 55th Street

Con Edison – Manhole 10190 located approximately 323-feet to the east and upgradient of the subject property at 533-541 West 52nd Street is identified in the RCRA LQG database for forms received by the USEPA on 23 March 2010 classifying the site as a LQG for the disposal of hazardous lead-impacted waste. Historic generator information includes forms received by the USEPA on 28 September 2009 classifying the site as a CESQG. No violations are reported for the facility.

Con Edison – Manhole 56252 located approximately 642-feet to the northeast and upgradient of the subject property at 834 10th Avenue and West 55th Street is identified in the RCRA LQG database for forms received by the USEPA on 23 March 2010 classifying the site as a LQG for the disposal of hazardous lead-impacted waste. No violations are reported for the facility.

West 52nd Street Affordable Developer is discussed above.

RCRA Conditionally-Exempt Small Quantity Generators (CESQG)

The RCRA CESQG database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally-exempt small quantity generators (CESQGs) generate less than 100 kg and 1,000 kg of hazardous waste per month or less than 1 kg of acutely hazardous waste per month.

According to EDR the following RCRA CESQG sites are located within 1/8-mile of the subject property:

- New York Telephone Co. – 770 11th Avenue
- AT&T Web Hosting & Commercial Operations – 811 10th Avenue
- Con Edison – 51st Street & 11th Avenue
- West Side Cleaners – 734 10th Avenue

Con Edison located approximately 502-feet to the west and upgradient of the subject property at the intersection of 51st Street and 11th Avenue is identified in the RCRA CESQG database for forms received by the USEPA on 19 March 2008 classifying the site as a CESQG. No violations are reported for the facility.

West Side Cleaners located approximately 568-feet to the south and upgradient of the subject property at 734 10th Avenue is identified in the RCRA CESQG database for forms received by the USEPA on 1 January 2007. Historic generator information includes forms received by the USEPA on 1 January 2006 classifying the site as a CESQG and on 12 June 1992 classifying the site as a SQG. No violations are reported for the facility.

New York Telephone Co. and AT&T Web Hosting & Commercial Operations are discussed above.

NY LTANKS

The NY LTANKS database contains an inventory of reported leaking storage tank incidents from April 1986 to the present. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents identified within this database are either tank test failures, tank failures or tank overfills.

According to EDR there are 14 LTANKS sites located within 1/8-mile of the subject property. The following LTANKS sites either remain open or are located adjacent to the subject property:

- Vacant Lot – 770 11th Avenue
- In Parking Lot – 766 11th Avenue
- Commercial Building – 500 West 52nd Street
- Mobil Oil #17-JWN Mobil – 718 11th Avenue

Commercial Building located approximately 258-feet to the southeast and upgradient of the subject property at 500 West 52nd Street is identified in the NY LTANKS database for an incident that was reported to the NYSDEC on 11 April 2011 and assigned NYSDEC Spill No. 11000355. According to the NYSDEC case narrative that was provided in the EDR report, the spill was reported as the result of a tank test failure of a fuel oil storage tank. It was determined that the failure occurred as the result of a dry leak from an old weld on top of the tank. Repairs were attempted but failed and it was concluded that the tank should be taken out of service and removed. The NYSDEC requested a color photograph of the tank area following the removal to review for signs of staining which would require the installation of a soil boring. No additional information is provided in the EDR report and the spill remains open.

Mobil Oil #17-JWN Mobil located approximately 503-feet to the southeast and upgradient of the subject property at 718 11th Avenue is identified in the NY LTANKS database. According to EDR report there is one active LTANKS case and four closed LTANKS cases at the subject property. However, according to the NYSDEC case narrative that was provided in the EDR report, approximately ten spills have been consolidated under NYSDEC Spill No. 8904939 to track the investigation and remediation at the site. NYSDEC Spill No. 8904939 was reported to the department on 17 August 1989 when a tank failed a tightness test. The most recent spill consolidated into Spill No. 8904939 was reported in 2010 when 70,000 ppb of BTEX was detected in groundwater along the western boundary of the site during a Phase II Environmental Investigation. The NYSDEC narrative identifies that as of December 2012, dual-phase extraction wells were installed at the site for continued remediation of the spill. No further information is provided regarding the extents of contamination in soil and groundwater at the site. The spill remains open.

Vacant Lot and In Parking Lot are discussed above.

NY TANKS

The NY TANKS database contains records of facilities that are or have been regulated under the NYSDEC PBS program.

According to EDR the following NY TANKS sites are located within 1/8 mile of the subject property:

- Former Verizon Facility – 770 11th Avenue
- 464 West 51st Street – 464 West 51st Street

464 West 51st Street located approximately 618-feet to the southeast and upgradient of the subject property is identified in the NY TANKS database as an active PBS facility.

Former Verizon Facility is discussed above.

NY UST & NY Hist UST

The UST database contains USTs registered with the NYSDEC under the PBS division. These USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the NYSDEC PBS Database.

According to EDR, there are 17 NY UST and 13 NY HIST UST sites located within 1/8-mile of the subject property. The following are the five closest to the subject property:

- Clinton Parkview Apartments – 555 West 52nd Street
- Mobil S/S – 783 10th Avenue
- Clinton Manor – 535 West 51st Street
- 800 10th Avenue – 800 10e Avenue
- 753 10th Avenue – 10th Avenue

Clinton Parkview Apartments located approximately 113-feet to the west and upgradient of the subject property at 555 West 52nd Street is identified in the NY UST database for ten 550-gallon gasoline USTs that are identified as being removed, a 275-gallon waste oil UST that is identified as being removed, and a 30-gallon lube oil UST that is identified as being removed.

Mobil S/S located approximately 319-feet to the east of the subject property at 783 10th Avenue is identified in the NY UST and NY HIST UST databases for a 4,000-gallon diesel UST that is identified as being removed, a 4,000-gallon gasoline UST that is identified as being removed, four 550-gallon gasoline USTs that are identified as being removed, and two 550-gallon USTs that are listed as being empty and are identified as being removed.

800 10th Avenue located approximately 356-feet to the east and upgradient of the subject property is identified in the NY UST database for a 3,000-gallon fuel oil UST that is identified as being removed.

753 10th Avenue located approximately 389-feet to the southeast and upgradient of the subject property is identified in the NY UST and NY HIST UST databases for a 2,000-gallon gasoline UST that is identified as being in service.

Clinton Manor is discussed above.

NY AST & NY Hist AST

The Aboveground Storage Tank (AST) database contains NYSDEC registered ASTs. ASTs are regulated under Subtitle I of RCRA. The information for this database comes from the NYSDEC PBS Database.

According to EDR there are 28 NY AST and NY HIST AST sites located within 1/8-mile of the subject property. The following are located the closest to the subject property:

- 552 West 53rd Street – 552 West 53rd Street
- 554 West 53rd Street – 554 West 53rd Street
- 549 West 52nd Street – 549 West 52nd Street
- AT&T – 811 Tenth Avenue
- 501 West 51st Street – 501 West 51st Street

552 West 53rd Street located approximately 21-feet to the north and upgradient of the subject property is identified in the NY AST database for a 1,500-gallon AST and a 275-gallon AST containing fuel oil. Both tanks are identified as being removed.

554 West 53rd Street located approximately 21-feet to the north and upgradient of the subject property is identified in the NY AST database for a 3,500-gallon fuel oil AST that is listed as being removed.

549 West 52nd Street located approximately 79-feet to the west and upgradient of the subject property is identified in the NY AST and NY HIST AST database for a 5,000-gallon gasoline AST that is listed as being removed.

AT&T and 501 West 51st Street are discussed above.

NY Spills & NY Hist Spills

The NY Spills and NY Hist Spills databases include data collected on spills reported to NYSDEC. It includes spills active as of April 1, 1986, as well as spills occurring since this date. The NY Hist Spills database contains records of chemical and petroleum spill incidents prior to 2002.

According to EDR, there are 48 NY Spills sites located within 1/8-mile of the subject property. Of these, the following are either adjacent to the subject property or remain open:

- Vacant Lot – 770 11th Avenue
- In Parking Lot – 766 11th Avenue
- Apartment Building – 535 West 51st Street
- Former Verizon Facility – 770 11th Avenue
- AT&T Web Hosting & Commercial Operations – 811 10th Avenue
- In Front Of – 811 10th Avenue
- Apartment Building – 501 West 51st Street
- Mobil Service Station HPD – 535 West 51st Street
- CBS Broadcasting – 857 10th Avenue
- West 54th Street & 11th Avenue – West 54th Street & 11th Avenue

Mobil Service Station HPD located approximately 319-feet to the east and upgradient of the subject property at 783 10th Avenue is identified in the NY Spills database for three closed spills and one open spill. According to the NYSDEC case narrative that was provided in the EDR report, the active spill (NYSDEC Spill No. 9308101) refers to a release in 1993, when petroleum (determined to be gasoline containing methyl tertiary butyl ether, a gasoline additive) was found seeping through a cellar wall

adjacent to the gasoline station. This listing was used to consolidate other spills and remediation details reported at the site. Three closed-status spills occurred at the site between 1990 and 1998 and were associated with fueling operations and tank test failures that occurred at the former on-site gasoline station. According to the database information, this site entered into the Brownfield Cleanup Program (BCP) and a DEC-approved Remedial Action Plan (RAP) was initiated which included the excavation of soil to bedrock across the entire site and the implementation of a groundwater treatment and monitoring regime. An offsite contamination plume was also being investigated and remediated to achieve spill closure. Oxygen reduction compound (ORC) was administered to several of the monitoring wells and followed with quarterly groundwater monitoring events. As of October 2012, the groundwater analytical data revealed exceedances of the groundwater quality criteria in two of the wells used to monitor the offsite plume. The spill remains open.

CBS Broadcasting located approximately 327-feet to the southeast and upgradient of the subject property at 857 10th Avenue is identified in the NY Spills database for an incident that was reported to the department on 19 June 2004 and assigned NYSDEC Spill No. 0403162. According to the NYSDEC case narrative that was provided in the EDR report, the spill occurred when 6,000-gallons of oil was mistakenly delivered to a 1,000-gallon tank. The oil overflowed into the basement of the building and some was discharged through floor drains. Three Areas of Concern (AOCs) were identified associated with the spill – the basement of the building in which the spill occurred (AOC #1), the basement of the neighboring building into which the oil was seeping (AOC #2), and the basement of another nearby building into which the oil was seeping (AOC #3). A series of investigations and remedial actions including fluid and vapor extraction systems and quarterly groundwater monitoring were completed following the spill. The most recent round of groundwater monitoring documented in the NYSDEC narrative was completed in April 2012 and documented the presence of 0.05-feet of free product present in one of the monitoring wells and analytical results revealed the presence of low level dissolved VOCs. The monitoring report recommended continuing bi-annual monitoring of wells with removal of free product via well purging as needed. The spill remains open.

West 54th Street & 11th Avenue is identified in the NY Spills database for an incident that was reported on 20 August 1989 and was assigned NYSDEC Spill No. 8905000. According to the NYSDEC case narrative that was provided in the EDR report, the spill occurred as the result of equipment failure and oil was observed to be entering the

sewer. A Site Investigation Work Plan was reviewed by the NYSDEC in July 2012. The spill remains open.

Vacant Parking Lot, In Parking Lot, Apartment Building, Former Verizon Facility, AT&T Web Hosting & Commercial Operations, In Front Of, and Apartment Building are discussed in detail above.

NY BROWNFIELDS

According to the EDR report, the only NY Brownfields site located within 1/8-mile of the subject property is the Off-Site Clinton Redevelopment Project located approximately 440-feet to the southeast and upgradient of the subject property at 51st Street through 53rd Street and 10th Avenue. The site involves a shallow off-site petroleum-contaminated groundwater plume which is present as the result of spills associated with the former ExxonMobile Service Station (NYSDEC Spill No. 9308101) and is part of the Clinton Green Urban Renewal Area. The on-site source area was cleaned up in 2006 and the primary contaminants are petroleum-related volatile organic compounds (VOCs) including benzene. The contaminant plume has migrated approximately 100-feet downgradient of the site and is limited due to the geology of the area.

RCRA Non-Generators (NonGen)

The RCRA NonGen database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). RCRA Non-Generators do not currently generate hazardous waste.

According to EDR there are 15 RCRA NonGen sites located within 1/8-mile of the subject property. The following are the five closest to the subject property:

- Clinton Houses Partners LP – 554 West 53rd Street
- Con Edison – V 5736 – 800 10th Avenue
- Con Edison – 500 West 54th Street
- Lucent Technologies Inc. – 811 10th Avenue
- Bell Atlantic – 811 10th Avenue

Clinton Houses Partners LLC located approximately 21-feet to the north and upgradient of the subject property at 554 West 53rd Street is identified in the RCRA NonGen database for forms received by the USEPA on 1 January 2007 classifying

the site as a non-generator. Historic generator information includes forms received on 1 January 2006 classifying the site as a non-generator and on 7 June 2004 classifying the site as a SQG. No violations are reported for the facility.

Con Edison – V5736 located approximately 356-feet to the east and upgradient of the subject property at 800 10th Avenue is identified in the RCRA NonGen database for forms received by the USEPA on 2 June 2002 classifying the site as a non-generator. Historic generator information includes forms received on 1 June 2002 classifying the site as a non-generator and forms received on 31 May 2002 classifying the site as a LQG. No violations are reported for the facility.

Con Edison, Lucent Technologies Inc., and Bell Atlantic are discussed above.

NY MANIFEST

The NY Manifest database lists and tracks hazardous waste from the generator through transporters to a TSD facility.

According to EDR, there are 43 NY MANIFEST sites located within 1/8-mile of the subject property. The following are located adjacent to the subject property:

- Con Edison – 538 West 53rd Street
- West 52nd Street Affordable Developer – 533-541 West 52nd Street
- Con Edison – 500 West 54th Street
- New York Telephone Company – 770 11th Avenue
- AT&T Web Hosting & Commercial Operations – 811 10th Avenue
- Lucent Technologies – 811 10th Avenue

These properties are discussed in detail above.

NJ MANIFEST

The NJ Manifest database lists and tracks hazardous waste from the generator through transporters to a TSD facility.

According to EDR, the following are located within 1/8-mile of the subject property:

- Verizon – 770 11th Avenue & 54th Street
- Clinton Green – 500 West 53rd Street

Clinton Green located approximately 24-feet to the northeast and downgradient of the subject property at 500 West 53rd Street is identified in the NJ MANIFEST database for the disposal of a non-reported amount of non-reported waste in 2005.

Verizon is discussed above.

NY DRYCLEANERS

The NY DRYCLEANERS database is a list of registered drycleaning facilities.

According to EDR, the only NY DRYCLEANERS site within 1/8-mile of the subject property is West Side Clnrs/John's Valet located approximately 568-feet to the south and upgradient of the subject property at 734 10th Avenue. The site is listed as being shut down.

E-Designation

The E-Designation database is a list of New York City tax lots with potential hazardous material contamination, air, and/or noise quality impacts.

According to EDR, the following E-Designation sites are located within 1/8-mile of the subject property:

- Lot 61, Block 1079 – 720 11th Avenue (E-268)
- Lot 25, Block 1084 – 511 West 55th Street (E-106)
- Lot 3, Block 1079 – 706 11th Avenue (E-268)
- Lot 42, Block 1098 – 614 West 51st Street (E-268)
- Lot 17, Block 1099 – 625 West 51st Street (E-268)

EDR US His Auto Stat

EDR searched selected national collections of business directories and collected listings of potential gas station/filling station/service station sites. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

According to EDR, there are 19 US His Auto Stat sites located within 1/8-mile of the subject property. The following are the five closest to the subject property:

- Dave's Collision Repair – 548 West 53rd Street
- Midtown Autotech Service – 550 West 53rd Street
- Star Auto Body & Fender Company/ABC Automotive Towing/GA Auto Body Parts – 540 West 53rd Street
- Japanese Car Repair – 532 West 53rd Street
- Fifth Third Street Service Station – 783 10th Avenue

EDR US Hist Cleaners

EDR searched selected national collections of business directories and collected listings of potential dry cleaner sites. The review was limited to those categories of sources that might include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

According to EDR, the following US Hist Cleaners are located within 1/8-mile of the subject property:

- Palace Valet Cleaners Inc. – 515 West 52nd Street
- Palace Valet Cleaners Inc – 510 West 52nd Street
- Clinique Cleaners Once Inc. – 762 10th Avenue
- 708 Splashing Laundromat II – 747 10th Avenue
- Vionette Laundromat/Bernardo's Dry Cleaning & Laundromat – 750 10th Avenue
- Oasis Cleaners – 790 11th Avenue
- Jay Cleaners – 827 10th Avenue
- J Valet Cleaners/West Side Cleaners Corp/734 Cleaners – 734 10th Avenue

Government Databases Review Conclusions

The following sites (described in detail above) could potentially impact subsurface conditions (soil and groundwater) at the subject property and may pose a moderate risk to the subject property and future redevelopment activities:

- 770 11th Avenue
- 811 10th Avenue
- 718 11th Avenue (Mobil Oil #17-JWN Mobil)
- 857 10th Avenue (CBS Broadcasting)

Due to historic operations including hazardous waste disposal and numerous and large volume spills that remain open at the sites identified above, there is potential for environmental impacts to the subject property from these sites. It is the opinion of the environmental professional that this represents a recognized environmental condition.

8.0 GOVERNMENT AGENCY RECORDS REVIEW

Federal, state and local agencies were contacted via written correspondence, telephone interviews and/or personnel interviews regarding records of environmental concerns, violations, and/or permits, or any other potentially environmentally-relevant records on the subject property. In additional, government information that was readily available online on government websites was also reviewed. A listing of agencies/individuals contacted by Langan as part of this ESA is provided in Table 1. Copies of government correspondence are provided in Appendix F.

'E'-Designation Status

The New York City Department of City Planning coordinated a program identifying properties for special environmental concerns based on documented historical use, neighborhood noise concerns, and neighborhood air quality issues. These properties are identified on 'E'-designated sites on zoning maps and in the NYC Department of Buildings (NYC DOB) Building Information System (BIS) database. The NYCDOB is restricted from issuing building permits for the property until the NYC Mayor's Office of Environmental Remediation (NYC OER) has reviewed information prepared by an environmental professional and made a determination to issue of "Notice-of-No-Objection" or a "Notice-to-Proceed" to the NYCDOB. Prior to the NYCOER's creation in 2008, the NYC Department of Environmental Protection (NYCDEP) conducted these reviews.

Langan reviewed the following information sources to determine if the subject property is listed as an 'E'-designated property: CEQR Environmental Designations List dated 10 July 2013 (http://www.nyc.gov/html/dcp/pdf/zone/appendixc.pdf) and NYCDOB BIS on 5 August 2013 (http://a810-bisweb.nyc.gov/bisweb/bispi00.jsp). The subject property was not listed as an E'-designated site based on these resources.

New York State Office of Parks, Recreation, & Historical Preservation

Mr. John Bonafide of the NYS Office of Parks, Recreation, & Historical Preservation was contacted by Langan and written file review requests were submitted for the subject

property. To date, no response has been received by Langan regarding this request. If any additional pertinent information is provided subsequent to issuance of this report, it will be provided as an addendum.

NYSDEC Division of Fish, Wildlife, & Marine Resources

Mr. Nicholas Conrad of the NYSDEC Division of Fish, Wildlife, & Marine Resources, Natural Heritage Program was contacted by Langan and written file review requests were submitted for the subject property. In a letter dated 15 July 2013, the NYSDEC stated that the only endangered species that occurs in the vicinity of the subject property is the shortnose sturgeon.

New York State Department of Environmental Conservation Region 2

Fawzy Abdelsadek, the Regional Enforcement Coordinator, was contacted by Langan and written file review requests were submitted for the subject property. In an email dated 12 July 2013 Langan received a PBS record for the subject property. The record indicates the presence of an in-service 7,000-gallon AST containing No. 2 fuel oil in the basement of the building.

New York City Department of Environmental Protection (NYCDEP)

Ms. Pauline Lewis of the NYCDEP Office of Environmental Planning and Assessment was contacted by Langan and a formal file review request was submitted for the subject property. In addition, the online FOIL request form was submitted. In a letter dated 11 July 2013 Langan received a response from the NYCDEP Division of Pollution Control and Monitoring indicating that no records are available for the subject property. If any additional pertinent information is provided subsequent to issuance of this report, it will be provided as an addendum.

New York City Department of Health & Mental Hygiene (NYC DOHMH)

Ms. Rene Bryant, the NYC DOHMH Records Access Officer, was contacted by Langan and a written file review request was submitted for the subject property. In a letter dated 11 July 2013 Langan received acknowledgement of the request. If any additional pertinent information is provided subsequent to issuance of this report, it will be provided as an addendum.

New York City Office of Environmental Coordination (NYC OEC)

Dr. Robert Kulikowski, director of the New York City Mayoral Office of Environmental Coordination, was contacted by Langan and a written file review request was submitted

for the subject property. To date, no response has been received by Langan regarding this request. If any additional pertinent information is provided subsequent to issuance of this report, it will be provided as an addendum.

New York City Department of City Planning (NYC DCP)

An electronic version (effective zoning date 8 February 2013) of the NYC Zoning Map for the subject property was downloaded from the NYC DCP website (http://www.nyc.gov/html/dcp/html/zone/zh_zmaptable.shtml).

New York City Office of Environmental Remediation (NYC OER)

The NYC OER Searchable Property Environmental E-Database (SPEED) was reviewed. Information regarding the date of building construction, building details including number of floors and dimensions, and land use were obtained. In addition, alternate address listings and lot dimensions were obtained.

Fire Department of New York City (FDNY)

Information regarding the presence of petroleum or chemical storage tanks was requested from the FDNY. According to the FDNY, there is a 7,500-gallon tank containing No. 4 fuel oil present at the subject property. Additionally, multiple violations are on record for the subject property, including a violation for the sale/storage/use/ manufacturing of a material without a permit in September 2011. The type of material is not identified.

New York City Department of Buildings (NYC DOB)

Langan completed a limited review of available online records maintained by the NYC DOB. Certificates of Occupancy were available for the subject property from 1929 through 2012. The most recently Certificate of Occupancy dated 19 December 2012 indicates that the building on the subject property is approved for manufacturing in the basement and mezzanine, commercial vehicle storage on the first floor, and manufacturing and accessory offices on the second through seventh floors. Additionally, fuel oil burner applications were filed for the subject property in 1950 and 1974. Records for three commercial low pressure boilers are provided by the NYC DOB, all of which are listed as being active and located in the basement of the building. New building applications were filed for the subject property in 1928, 1950, and 1953.

According to the NYC DOB the subject property is located in the Special Clinton Zoning District which was created to preserve and strengthen the residential character of a community bordering Midtown maintain a broad mix of incomes, and ensure that the community is not adversely affected by the new development.

New York City Department of Finance (NYC DOF)

Langan completed a limited review of available online records maintained by the NYC DOF to determine current and former site ownership. No ownership records are available from the NYCDOF for the subject property.

9.0 SITE RECONNAISSANCE

Langan conducted an inspection of the site on 28 June 2013. The inspection included a walk-through inspection of the entire site for the purposes of identifying Recognized Environmental Conditions (RECs). Typical RECs may include:

Drum storage	Dumpsters	Aboveground storage tanks	Stained areas
Drains and Sumps	Wells	Underground storage tanks	Pump stations
Waste piles	Landfills	Loading and transfer areas	Boiler rooms
Pits, Ponds, Lagoons	Swales	Process air vents	Process sinks
Storm sewers	Trenches	Detention ponds	PCBs
Impoundments	Lagoons	Floor drains and piping	Transformers
Septic systems	Dry wells	Waste treatment areas	Capacitors
Rail spurs	Incinerators	Compressor discharges	Odors
Pools of liquid	Wastewater	Stressed vegetation	Surface waters

Limiting conditions encountered during the inspection of the site included the following:

- Due to the storage of construction materials in the basement, visual inspection of the basement floor was limited;
- Due to the location of the fuel oil tank within a vault, inspection of the vault floor was limited to the area visible from the access hatch; and,
- Visual inspection of the floor in the limousine parking garage was limited based on the number of cars parked.

A visual inspection of adjoining properties from the subject property line, public rights-of-way or other vantage point (e.g. aerial photography) including a visual inspection where hazardous substances may be or may have been stored, treated, handled or disposed was also conducted.

Limiting conditions encountered during the inspection of adjoining properties were encountered due to the dense urban nature of the surrounding areas which only allowed for limited line of sight that did not extend to areas where hazardous materials or substances might be stored.

Photographs of the subject property taken during the site inspection are provided in Appendix G. Langan was accompanied by Daniel McInerney who provided access to onsite buildings and answered questions during the site inspection. A questionnaire was completed by the property owner and is included as Appendix B. The inspection included a walk-through inspection of the entire site for the purposes of identifying Recognized Environmental Conditions (RECs) as detailed below.

The site is occupied by a commercial/office building with a concrete slab and concrete foundation wall basement and a loading dock area on the northeastern side. The superstructure of the building is constructed of steel and masonry. The building is constructed with a flat roof with a built up rubber roofing material. The northern portion of the building is four stories, the southern portion is seven-stories, and the eastern portion is three stories.

The basement of the building is accessible from the 53rd Street side via a concrete ramp and from a stairway on the southern side of the building. The southwestern portion of the basement is occupied by the ramp and the southeastern portion is currently occupied by a steel rack storage system that contains construction supplies and small gasoline and electrically powered equipment. Several one to five-gallon containers of solvents and petroleum products were observed; however, the containers appeared to be in good condition and the concrete floors in the vicinity of these storage areas were observed to be in good condition and no areas of staining were observed.

The remaining central and southern portions of the basement were used as a vehicle parking area, and an electrical and mechanical equipment storage. The basement floor is constructed with a concrete slab that was observed to be in fair condition; however, several areas of sunken or cracked concrete were observed. These areas appeared to be associated with the former industrial uses of the facility. Additionally, several of the areas where the concrete was observed to be disturbed were also identified by the previously conducted geophysical survey. Disconnected piping within one of these areas is likely associated with underground storage tanks (UST) that was previously

identified on the southern portion of the parking area of the basement. It is assumed that this UST area is the gasoline UST that is identified in the 1951 Sanborn Map.

The mechanical equipment storage area was observed to contain two fuel oil fired boilers and one natural gas fired boiler. Fuel oil for the boiler is supplied by a 7,500-gallon No. 2 fuel oil AST that is located within a concrete block vault. This AST was observed through the access door of the vault, the floor of the vault is constructed of concrete; although the entire floor beneath the AST wasn't inspected due to site constraints the area that was observable was stained with fuel oil. The basement also contained electrical equipment and utility meters. Additionally, the mechanical equipment storage area was also observed to contain several sump pits that were observed to contain water, no sheens or stains were observed in the sumps.

The structure contained one passenger elevator and three freight elevators. The building is heated with a combination of natural gas and a No. 2 fuel oil-fired boiler system.

The ground floor of the building is occupied by a limousine company parking area on the ground floor and the lobby for the former office and printing operations. No staining or areas of hazardous materials storage were observed on the first floor of the building. A vent pipe and suspected fill port were observed within the sidewalk of the 52nd Street frontage side of the building. This vent pipe and fill port are assumed to be associated with the 7,500-gallon fuel oil AST.

The second floor of the building contained office space that was partially occupied and manufacturing space that was vacant. The remaining upper floors of the building contained vacant manufacturing areas and accessory offices. Air conditioning for each of the upper floors was supplied by individual electric air conditioning units. The floors of the former manufacturing or printing operations were observed to be in fair condition, however, areas of staining were observed. These areas were not in the vicinity of any floor drains; therefore, impacts to soil or groundwater are not expected from these areas where it is likely that hazardous materials may have been released in small quantities.

Adjacent Properties

Properties located adjacent to the subject property consist of commercial and residential buildings. No other visual evidence of hazardous material storage, treatment, handling, or disposal areas was observed at adjacent properties.

10.0 ADDITIONAL ISSUES

The following items fall outside the scope of ASTM 1527-05, however Langan can and often does provide these services to its clients if specifically requested and included in the proposed scope of work or are issues that may impact current or proposed site use.

10.1 Wetlands/Floodplain Designation

A wetland and floodplain designation assessment was not conducted as part of this ESA.

10.2 Protected Endangered Species / Critical Habitats

A determination regarding the potential presence of protected or endangered species and critical habitats on or near the subject property was not conducted as part of this ESA. This determination is often required in order to receive state or federal grants, loans, and/or permits.

10.3 Asbestos

In 1973, use of sprayed on fireproofing on structural building components was prohibited by the EPA. On July 12, 1989, EPA issued a final rule banning most friable asbestos-containing products. The following specific asbestos-containing products remain banned: flooring felt, roll board, and corrugated, commercial, or specialty paper. In addition, the regulation continues to ban the use of asbestos in products that have not historically contained asbestos, otherwise referred to as "new uses" of asbestos. Use of asbestos in textured paint and in patching compounds used on wall and ceiling joints was banned in 1977. An asbestos inspection was not conducted as part of this ESA, however, a limited asbestos survey was completed by Precision Environmental Inc. in November 2010.

The asbestos testing completed by Precision included the collection of 25 samples of suspect ACM at the site including pipe insulation, roofing materials, gypsum board, gray mastic, cinderblock mortar, brick mortar, ceiling tiles, floor

tiles and other materials. Based on the survey and testing, Precision concluded with the assumption that pipes within wet columns are insulated with ACM insulation and the roofing materials are ACM. Based upon the ACM survey and testing completed, Precision recommended a comprehensive asbestos survey and bulk sampling prior to any site demolition in accordance with applicable asbestos and lead rules and regulations to identify and quantify all ACM associated with the site.

10.4 Lead-based Paint

In 1977, the Consumer Product Safety Commission (CPSC) banned the use of lead based paint (LBP) in housing and restricted maximum levels in lead in new residential paint to less than 0.05% by weight. Based on the age of the onsite building, there is a potential that LBP is present in the onsite building. A lead-based paint inspection was not conducted as part of this ESA, however, a limited LBP assessment was completed by Precision in November 2010.

The LBP testing was performed using an X-Ray Fluorescence (XRF) analyzer with confirmatory paint chip sampling and in accordance with USEPA and United States Housing and Urban Development (USHUD) protocol. Paint testing was limited to painted surfaces within accessible areas of the 7-story and 4-story buildings at the site and areas where Precision was provided access. A total of 218 XRF readings were collected from randomly selected painted surfaces within the accessible areas of buildings, basement, loading and garbage areas at the subject site. The results of XRF field screening revealed that LBP was found in the buildings in components such as walls, doors, door cases, pipe riser and columns, and laboratory analytical results further confirmed the presence of LBP. Based on the presence of LBP at the subject site, Precision provided a detailed list of areas where LBP abatement precautions should be followed during any modernization or renovation activities. Precision also recommended confirmatory sampling at the completion of every construction activity even in areas where levels of lead were found to be beneath regulatory levels.

10.5 Lead in Drinking Water

A lead in drinking water survey of the existing building was not conducted as part of this ESA.

10.6 Indoor Air / Microbial Assessment (Mold)

A mold survey of the existing building was not conducted as part of this ESA.

10.7 Radon

The subject property is located in a Tier 3 Zone as identified by USEPA based on sampling conducted of buildings within the site area. The Tier 3 Zone is considered an area of low radon gas intrusion potential with typically concentrations less than 2 pCi/liter. A radon survey of the existing building was not conducted as part of this ESA. Radon test results from adjacent or surrounding properties are not necessarily indicative of radon conditions on the subject property. As no building specific radon survey documentation was provided to Langan, no opinion regarding potential risks associated with radon gas exposure can be made.

As per USEPA guidelines, the only way to assess potential radon gas exposure risks is to conduct a radon assessment. In addition, the US EPA recommends that follow-up tests on large buildings should be conducted when major modifications are made either to the building structure or HVAC system or the HVAC system's operation settings.

10.8 Historical and Archaeological Review

A determination regarding the potential presence of historical landmark buildings and/or archaeologically valuable sites on or near the subject property was not conducted as part of this ESA. This determination is often required to receive state or federal grants, loans, and/or permits.

11.0 DEVIATIONS

This Phase I ESA conforms with ASTM with the following deviations noted:

- Property use was only determined back to 1892, not to first development, as historical property records were not reasonably available;
- Data gaps in excess of 5 years were encountered during the review of historic resources;

- Based on the large number of sites identified within one mile of the subject property (734), Langan limited the review of surrounding properties to sites within 1/8-mile from the subject property;
- An assessment of the current property value versus the proposed sale price of the property was not completed as this information was not provided by the User;
- Government agencies that have not responded to record review inquiries are listed above. Additional pertinent information provided to Langan subsequent to the issuance of this report will be provided in an addendum.
- Interviews of former business operators were not conducted;
- Interviews of property owners were not conducted;
- Questionnaires were not completed by the property owner, operator, or site manager;
- Limited access was provided to the AST area due to site constraints as part of this ESA access as identified in Section 9.0;

It is the opinion of the reviewing Environmental Professional that the above-deficiencies will not detrimentally affect the identification of potential recognized environmental conditions. This opinion is based on the following factors:

- The site was historically (since late 1800's) and continues to be used for commercial and manufacturing purposes. No industrial use of the site has been documented that would potentially impact soil or groundwater conditions at the site.
- Based on the Sanborn Maps and the City Directory information reviewed, the use of the property is consistent between the 5 year data gaps. Therefore, operations on the site between these data gaps will not detrimentally affect the identification potential RECs.
- Langan limited the database review to sites within 1/8-mile from the subject property. It is the environmental professional's opinion that based on the dense development of the site area, and former, current and proposed use of the site that the review of the database pertaining to this more limited area (1/8-mile) is appropriate and will not detrimentally affect the identification of potential recognized environmental conditions.

12.0 FINDINGS/OPINIONS

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historic information, and contact with federal/state/local official agencies, the following historic recognized environmental conditions (HRECs), recognized environmental conditions (RECs), de minimus conditions and business environmental risks that may impact proposed redevelopment of the site were identified:

1. Potential impacts from historic printing, lithographic, and manufacturing operations;
2. Potential impacts from current and historical operations conducted at adjacent and nearby properties.
3. Potential impacts from onsite gasoline UST;
4. Potential impacts from onsite fuel oil AST; and,
5. Potential presence of historic urban fill.

It is the opinion of the environmental professional that historic operations at the subject property and adjacent and surrounding properties may have impacted the subsurface therefore, Findings 1 and 2 represent RECs. It is the opinion of the environmental professional that Findings 3, 4, and 5 may have impacted soil and groundwater on the subject property however as these impacts are common to densely developed urban areas and may only affect site redevelopment activities; these are not considered RECs.

13.0 CONCLUSIONS

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historic information, and contact with federal/state/local official agencies, the following that may impact proposed redevelopment of the site were identified. Langan has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-05 of a ±69-acre site located at 525 West 52nd Street, Manhattan, New York County, New York, the subject property. Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) and business environmental risks in connection with the property except for the following.

Recognized Environmental Conditions

It is the opinion of the environmental profession that the following represent RECs:

Historic Use of the Subject Property

The subject property is identified on USEPA RCRA databases as a generator of non-listed ignitable hazardous waste based on forms received by the USEPA in 1996, 1999, 2001, 2002 and 2004 to 2008. The site has been identified for the disposal of non-listed ignitable hazardous waste in 2009 and the disposal of non-listed ignitable hazardous waste, non-listed corrosive hazardous waste, and silver-impacted hazardous waste between 1996 and 2000. Additionally, historic operations at the subject property as identified by the City Directory include lithography, printing, and a photography laboratory from 1920 through 1998. The Sanborn Fire Insurance Maps show printer operations at the subject property from 1951 through 1985 followed by envelope manufacturing from 1987 through 2005. Due to the potential that chemicals associated with the printing, lithographic, and other previous manufacturing operations may have impacted subsurface soil and groundwater conditions at the site, the historic use of the subject property is considered an REC.

Surrounding Sites

Potential impacts from current and historical operations conducted at adjacent and nearby properties involving the generation of hazardous waste, the use of ASTs, USTs and spills represent a REC due to the potential for off-site contamination migration to impact sub-slab soil and/or groundwater below the subject site. Five spills located within 1/8-mile of the subject property remain open.

- Mobil Oil #17-JWN is identified in the NY LTANKS database under NYSDEC Spill No. 8904939 (approximately ten spills have been consolidated under this number). The original spill was reported in 1989 due to a tightness test failure. Other spills consolidated under this spill number include a 20-gallon gasoline spill due to a tank overfill, the observation of contaminated soil and groundwater during UST removals, tank test failures, and the detection of VOCs at adjacent sites. The most recent spill consolidated into Spill No. 8904939 was reported in 2010 when 70,000 ppb of BTEX was detected in groundwater along the western boundary of the site during a Phase II Environmental Investigation. Dual-phase extraction wells were installed at the site in December 2012 for continued remediation of the spill. No further information was provided in the EDR report

regarding current groundwater conditions at the site or the effectiveness of the remediation.

- Mobil Service Station HPD is identified in the NY Spills database under NYSDEC Spill No. 9308101. The release occurred in 1993, when petroleum was found seeping through three surrounding cellar walls adjacent to the gasoline station. Subsequent investigation activities identified an off-site groundwater contamination plume associated with the spill. No further information was provided regarding the cleanup of the spill or the extents of the off-site plume in the EDR report. As of October 2012, the groundwater analytical data revealed exceedances of the groundwater quality criteria in two of the wells used to monitor the offsite plume.

- CBS Broadcasting is identified in the NY Spills database under NYSDEC Spill No. 0403162. The spill occurred when 6,000-gallons of oil was mistakenly delivered to a 1,000-gallon tank. A series of investigations and remedial actions including fluid and vapor extraction systems and quarterly groundwater monitoring were completed following the spill. The most recent round of groundwater monitoring documented in the NYSDEC narrative was completed in April 2012 and documented the presence of 0.05-feet of free product present in one of the monitoring wells and analytical results revealed the presence of low level dissolved VOCs.

- Commercial Building is identified in the NY LTANKS database under NYSDEC Spill No. 11000355. The spill was reported as the result of a tank test failure of a fuel oil storage tank. It was determined that the failure occurred as the result of a dry leak from an old weld on top of the tank. Repairs were attempted but failed and it was concluded that the tank should be taken out of service and removed.

- West 54th Street & 11th Avenue is identified in the NY Spills database under NYSDEC Spill No. 8905000. The spill occurred as the result of equipment failure and oil was observed to be entering the sewer. A Site Investigation Work Plan was reviewed by the NYSDEC in July 2012.

Several open NYSDEC spills have been identified within 1/8th-mile of the subject property that according to the information provided in the EDR report have documented off-site groundwater impacts that could affect the saturated soil and groundwater conditions beneath the subject property. Therefore, the presence of off-site impacts to groundwater from the above referenced sites present the potential for adverse environmental impacts to the subject property soil and groundwater and is therefore considered a REC by the environmental professional.

Business Environmental Risks

It is the opinion of the environmental profession that the following represent business environmental risks:

Underground Gasoline Storage Tanks

A gasoline UST is identified on Sanborn Fire Insurance Maps at the southern end of the building from 1951 through 2005. A magnetic anomaly was identified at the southern end of the building during a limited subsurface investigation completed at the subject property in 2010. Subsurface investigations completed in the area of the UST revealed no volatile organic compounds (VOCs) above applicable criteria in soil or groundwater; therefore, the UST is identified as a BER. Preparation and implementation of a contingency plan to address the presence of any USTs that may be encountered during excavation activities associated with future site redevelopment or renovation would adequately address this issue.

Aboveground Fuel Oil Storage Tanks

The subject property is identified in the NY AST and NY HIST AST databases for the presence of a 7,500-gallon AST containing fuel oil. This AST was observed during our site inspection in a cinderblock vault. The vault was observed via the vault access panel; however, vault access constraints prevented the inspection of the entire AST vault area. Based on the access limitations of this area and the potential presence of unobserved leaking in other portions of the AST area, the AST is considered a business environmental risk. Removal of the AST and any impacted underlying concrete or soil will be required during any proposed renovation or demolition of this building area. The presence of the AST represents a business environmental risk.

Historic Urban Fill

Laboratory analytical results of the shallow subsurface fill material collected during previous environmental investigations at the site identified impacts from poly-aromatic hydrocarbons (PAHs) and metals. Based on the analytical results and the classification of the soil it is anticipated that the material between the base of the existing basement slab and bedrock will be characterized as non-hazardous impacted fill material. The presence of impacted fill will require implementation of soil handling and management procedures during site redevelopment to address excavation, re-use, handling, and possible offsite disposal of this material.

Additional Non- ASTM Issues

Asbestos

A limited asbestos survey was completed in 2010. While none of the samples submitted for laboratory analysis confirmed the presence of ACM, the report concluded that pipe-insulation and associated mudded joints and roofing materials that were not sampled during the survey are assumed ACM. A complete asbestos survey of all building areas that will be renovated or demolished will be required prior to initiation of this work.

Lead-Based Paint (LBP)

A limited LBP assessment was completed in 2010. The results of the field screening revealed that LBP was found in the buildings in components such as walls, doors, door cases, pipe riser and columns, and laboratory analytical results further confirmed the presence of LBP. Proper handling and disposal of LBP will be required if this material is disturbed during proposed renovation/demolition of the onsite building.

14.0 QUALIFICATIONS / CERTIFICATION

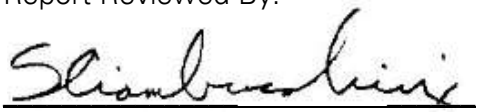
The following professionals assisted in the completion of this report.

We, the undersigned, declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property as documented in Appendix H. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Site Inspection and Report Written By:

Christopher McMahon
Project Geologist

Report Reviewed By:



Steven A. Ciambruschini, P.G., L.E.P.
Principal / Vice President

TABLES

TABLE 1
TABLE OF CONTACTS

State

Ms. Ruth Earl, Records Access Officer
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12207
foil@gw.dec.state.ny.us

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New York State Department of Environmental Conservation – Region II
1 Hunter's Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407
r2foil@gw.dec.state.ny.us

Mr. John Bonafide
New York State Office of Parks, Recreation & Historical Preservation
Historic Preservation Field Service Bureau
PO Box 189
Waterford, NY 12188
foil@parks.ny.gov

Mr. Nicholas Conrad
New York State Department of Environmental Conservation
Division of Fish, Wildlife, & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th Floor
Albany, NY 12207
nathert@gw.dec.state.ny.us

City

Ms. Pauline Lewis
City of New York Department of Environmental Protection
Office of Environmental Planning and Assessment, 11th floor
59-17 Junction Boulevard
Flushing, New York 11373
PaulineL@dep.nyc.gov

Dr. Robert Kulikowski, PhD.
New York City Office of Environmental Coordination
253 Broadway – 14th Floor
New York, NY 10007
rryan@cityhall.nyc.gov

TABLE 1
TABLE OF CONTACTS

Ms. Wendy Niles, Records Access Officer
New York City Department of City Planning
Office of the Council
22 Reade Street, Room 2N
New York, NY 10007-1216

New York City Department of Environmental Protection
http://www.nyc.gov/html/dep/html/contact_us/foil.shtml

Ms. Renee Bryant, Records Access Officer
New York City Department of Health and Mental Hygiene
Gotham Center
42-09 28th Street, 14th Floor, CN31
Long Island City, NY 11101
recordsaccess@health.nyc.gov

Mr. David Laws
Fire Department of New York City
FDNY Bureau of Legal Affairs
Public Records Unit
9 MetroTech Center, 4th Floor
Brooklyn, NY 11201

FIGURES

Notes:
Topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online © 2011 National Geographic Society, i-cubed.
WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless he is acting under the direction of a licensed professional engineer, to alter this item in any way.

LANGAN
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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

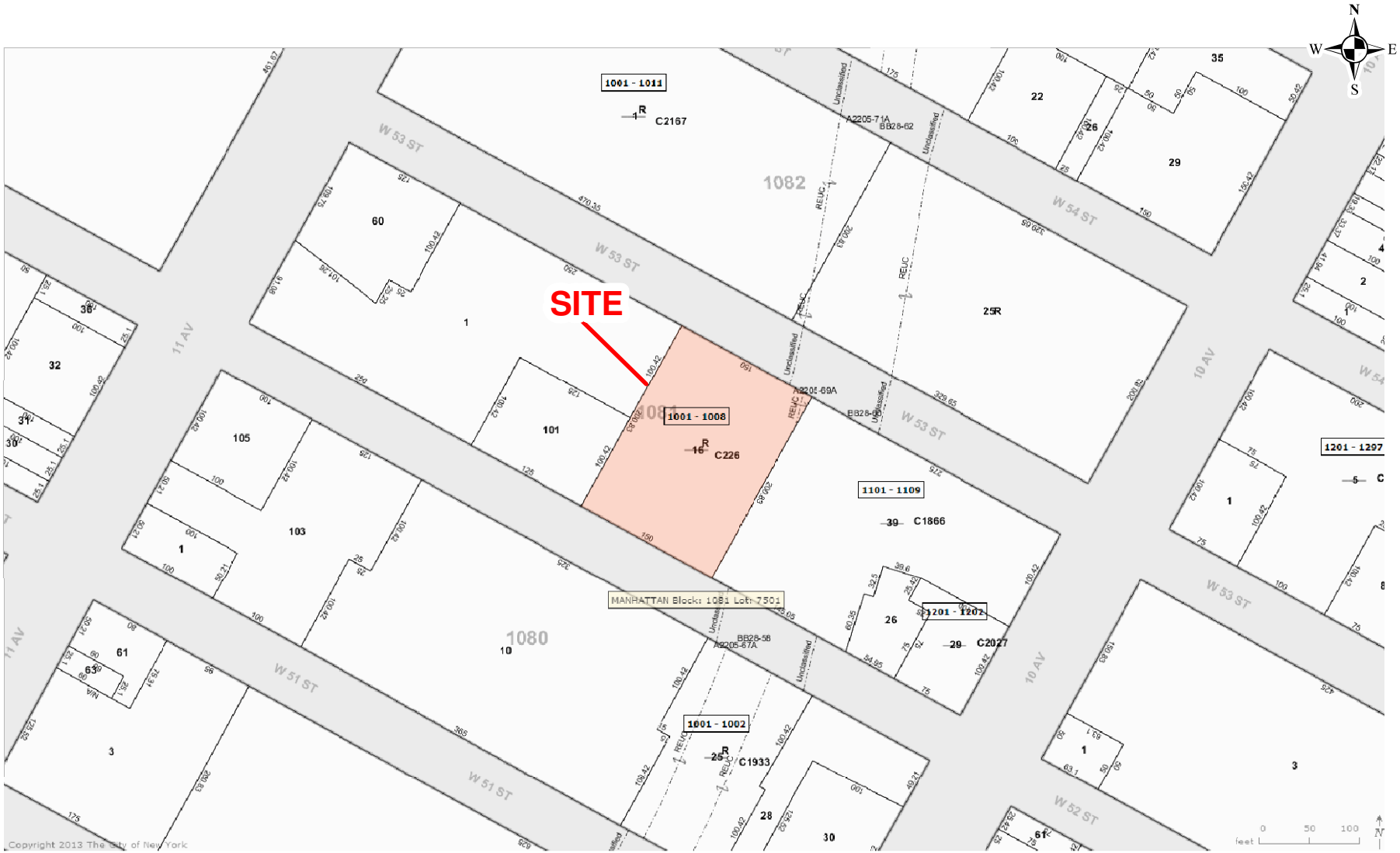
Project
525 WEST 52ND STREET
BLOCK No. 1081, LOT No. 7501
MANHATTAN
NEW YORK COUNTY NEW YORK

Drawing Title
SITE LOCATION PLAN

Project No. 100396701	Figure 1
Date 7/1/2013	
Scale 1"=2,000'	
Drawn By CBM	
Last Revised 7/16/2013	

© 2013 Langan

Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\Figure 1 - Site Location Plan.mxd



Notes:
Map taken from the City of New York Department of Finance Copyright 2013.
WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless he is acting under the direction of a licensed professional engineer, to alter this item in any way.

LANGAN

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Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
525 WEST 52ND STREET
BLOCK No. 1081, LOT No. 7501
MANHATTAN
NEW YORK COUNTY NEW YORK

Drawing Title
TAX MAP

Project No. 100396701	Figure 2
Date 7/16/2013	
Scale See Map	
Drawn By CBM	
Last Revised 7/16/2013	

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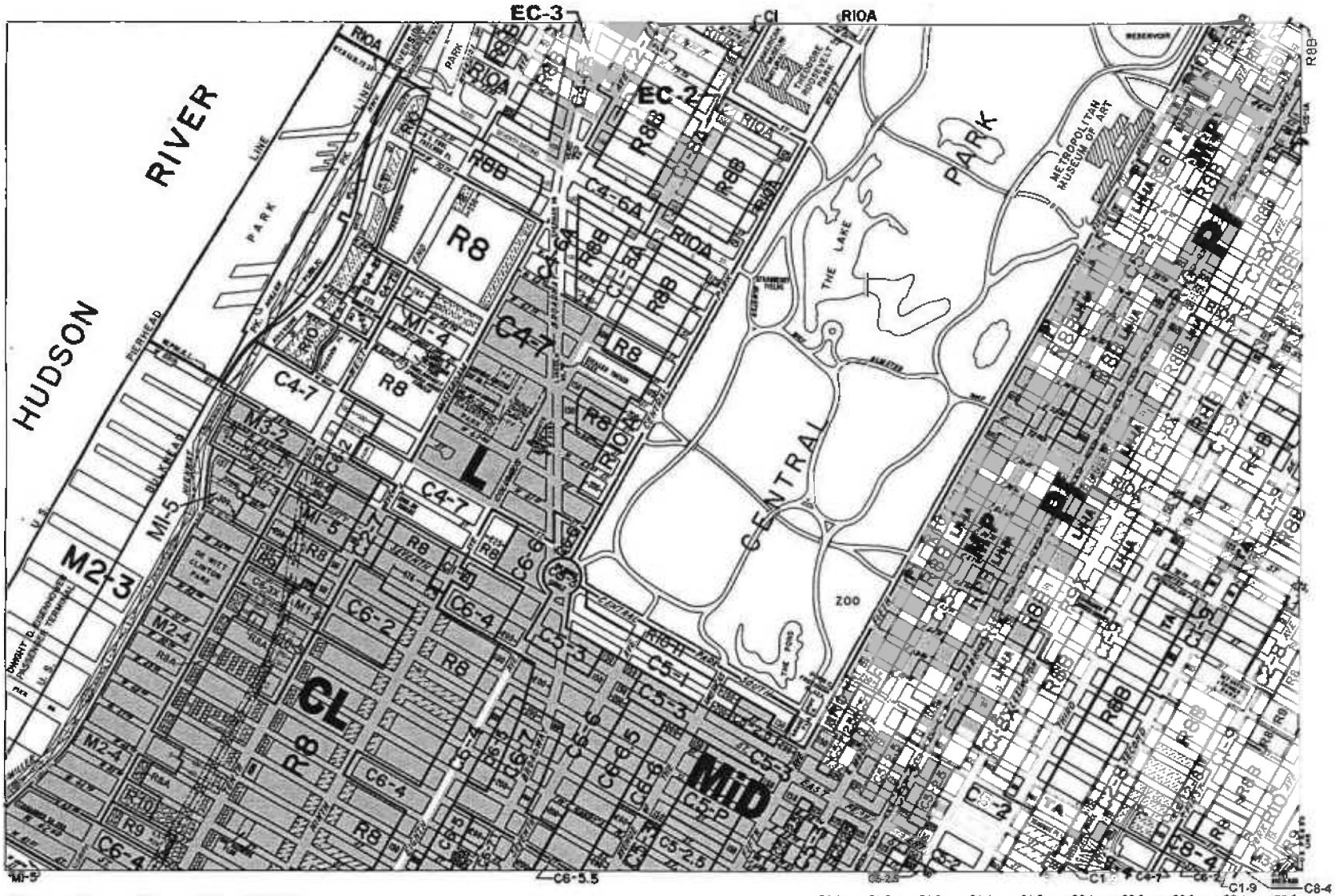
Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\Figure 2 - Tax Map.mxd



NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

02-06-2013 C 120396 ZMM

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas on this map, see APPENDIX F.

N

MAP KEY

	5d	6b
8a	**8c**	9a
8b	8d	9b

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ZONING MAP **8C**

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: www.nyc.gov/planning or contact the Zoning Information Desk at (212) 720-3291

APPENDIX A

USER QUESTIONNAIRE

LANGAN

ASTM PRACTICE E 1527-05: USER/CLIENT QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Providing the following information (if available) to the environmental professional (Langan) is one of the requirements to qualify for one of the *Landowner Liability Protections* offered under CERCLA. Missing or incomplete information could result in a determination that "all appropriate inquiry" is not complete.

General Information

User/Client Name (s): _____

Property Name: _____

Address: _____

_____

Property Type: _____

Type of Property Transaction:

- Purchase of property ☐
- Financing of property ☐
- Sale of property ☐
- Ground Lease ☐
- Build to Suit Lease ☐
- Other_____

Reason Why Phase I ESA is required: _____

Site Contact (s): _____

Required Information

The citation at the end of each item (e.g. 40 CFR 312.XX) is the section of EPA's November 1, 2005 AAI Final Rule which discusses that item.

(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25). **Yes** ☐ **No** ☐

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? [Please note, unless specifically delegated in the Scope of Work for the Phase I ESA, it is the User's responsibility to undertake a review of recorded land title records and judicial records to identify any environmental liens and to report these liens to the environmental professional conducting a Phase I ESA.]

(2.) Activity and Land Use (AUL) limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). **Yes** **No**

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been field or recorded in a registry under federal, tribal, state or local law? [Please note, unless specifically delegated in the Scope of Work for the ESA, it is the User's responsibility to undertake a review of recorded land title records and judicial records to identify any activity and use limitations and to report these limitations to the environmental professional conducting a Phase I Environmental Site Assessment.] ☐ ☐

(3.) Specialized knowledge or experience of the person seeking to qualify for LLP (40 CFR 312.28). **Yes** **No**

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? ☐ ☐

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). **Yes** **No**

(a.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? [If no, proceed to Parts 4a and 4b.] ☐ ☐

(b.) If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? ☐ ☐

(c.) Identify an explanation for the lower price and provide a written record of such explanation as an attachment.

(5.) Commonly known or reasonably known or reasonably ascertainable information about the property (40 CFR 312.30). **Yes** **No**

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user, ☐ ☐

(a.) Do you know the past uses of the property? ☐ ☐

(b.) Do you know of specific chemicals that are present or once were present at the property? ☐ ☐

(c.) Do you know of spills or other chemical releases that have taken place at the property? ☐ ☐

(d.) Do you know of any environmental cleanups that have taken place at the property? ☐ ☐

(6.) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate Investigation (40 CFR 312.31). **Yes** **No**

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? ☐ ☐

SIGNATURE:

It is understood that the information presented in this form is an integral part of the Phase I ESA process and that Langan will evaluate and rely on this information in the development of the final Phase I ESA report.

Completed By: _____

Print/Type Name: _____

Title: _____

Company: _____

Date: _____

APPENDIX B

PROPERTY OWNER / OPERATOR / KEY SITE MANAGER QUESTIONNAIRE

ASTM PRACTICE E 1527-05:
OWNER/OPERATOR/SITE-MANAGER QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Project Location/Address: _____

_____

_____

ASTM E-1527-05, Section 10.9

	Yes	No
Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	☐	☐
Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?	☐	☐
Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	☐	☐

ASTM E-1527-05, Section 10.8

Are you aware if any of the documents listed below exists and if so, whether copies can and will be provided to the Consultant performing the ESA?

	Unaware	Document Exists	Copy will be provided
Environmental site assessment reports	☐	☐	☐
Environmental compliance audit reports	☐	☐	☐
Environmental permits (such as solid waste disposal permits, hazardous waste disposal permits, NPDES permits, wastewater permits, underground injection permits)	☐	☐	☐
Registrations for underground and aboveground storage tanks	☐	☐	☐
Material safety data sheets	☐	☐	☐
Community-right-to-know plan	☐	☐	☐

	Unaware	Document Exists	Copy will be provided
Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control plans, etc.	☐	☐	☐
Reports regarding hydrogeologic conditions on the property or surrounding area	☐	☐	☐
Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property	☐	☐	☐
Hazardous waste generator notices or reports	☐	☐	☐
Geotechnical studies	☐	☐	☐
Risk Assessments	☐	☐	☐
Recorded Activity and Use Limitations	☐	☐	☐
Environmental Cleanup Reports	☐	☐	☐

Do you have contact information for the prior owner of the property? **Yes** ☐ **No** ☐
If yes, please provide information below:

Prior Owner's Name _____

Contact person _____

Address _____

_____

Telephone _____

Do you have contact information for the prior occupant of the property? **Yes** ☐ **No** ☐
If yes, please provide information below:

Prior Occupant's Name _____

Contact person _____

Address _____

_____

Telephone _____

Do you have information on the prior facility manager of the property? **Yes** ☐ **No** ☐
If yes, please provide information below:

Prior Facility Manager's Name _____

Contact person _____

Address _____

_____

Telephone _____

This form was completed by:

Property Owner ☐ Operator ☐ Key Site Manager ☐ User ☐ EP ☐

Name: _____

Address: _____

_____

Signature: _____ Date: _____

APPENDIX C

SANBORN MAPS

525 West 52nd Street
525 West 52nd Street
New York, NY 10019

Inquiry Number: 3650632.3
June 28, 2013

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

6/28/13

Site Name:
525 West 52nd Street
525 West 52nd Street
New York, NY 10019

EDR Inquiry # 3650632.3

Client Name:
Langan Engineering
619 River Drive,
Elmwood Park, NJ 07407

Contact: Christine Madsen

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Langan Engineering were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, State, Zip: New York, NY 10019
Cross Street:
P.O. # NA
Project: 525 West 52nd Street
Certification # 239D-485E-B276

Maps Provided:

2005	1995	1988	1979	1926
2004	1994	1987	1976	1911
2003	1993	1985	1968	1907
2002	1992	1984	1951	1899
2001	1991	1982	1950	1892
1996	1990	1980	1930	1890

Sanborn® Library search results
Certification # 239D-485E-B276

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

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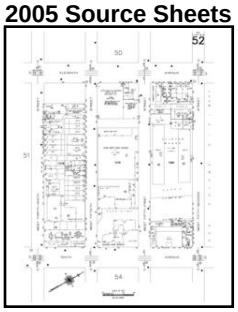
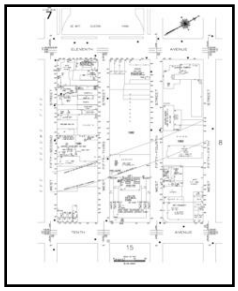


Volume 5N, Sheet 52



Volume 6W, Sheet 7

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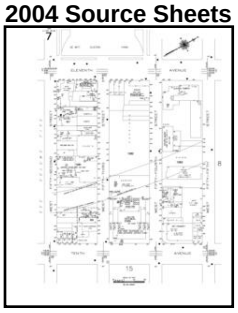

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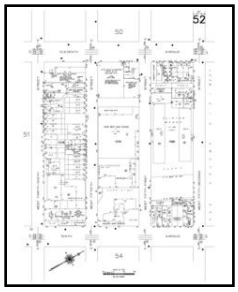

Volume 5N, Sheet 52

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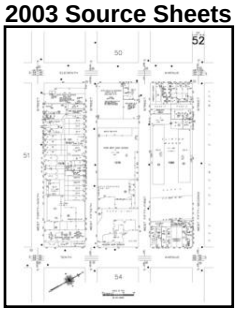

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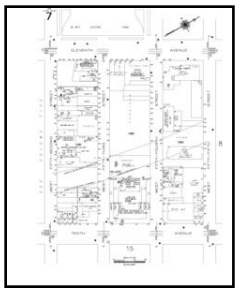

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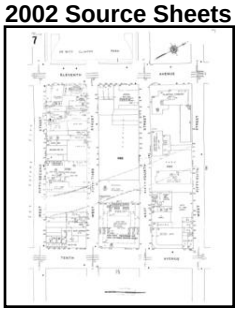

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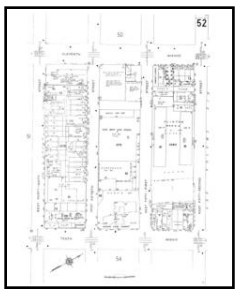

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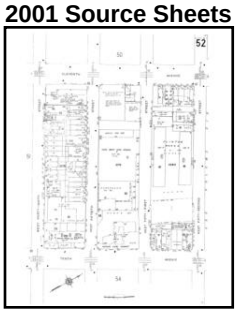

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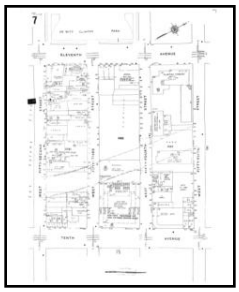

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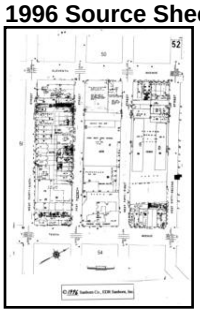

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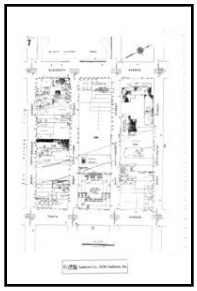

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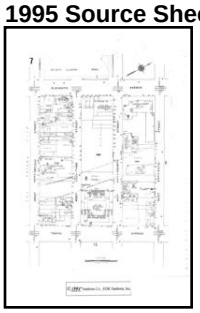

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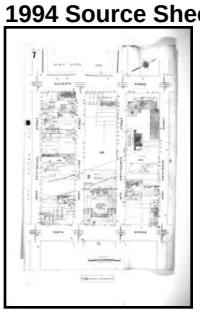

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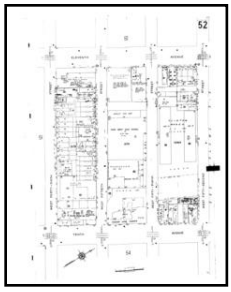

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Volume 5N, Sheet 52

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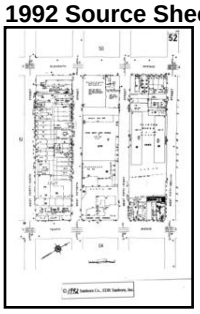

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Volume 6W, Sheet 7

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Volume 6W, Sheet 7

Volume 5N, Sheet 52

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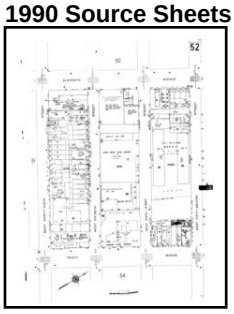

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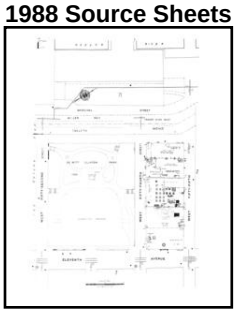

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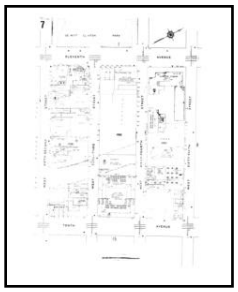

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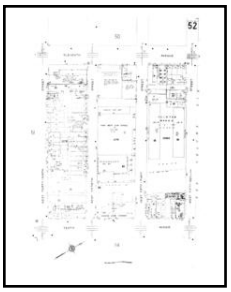

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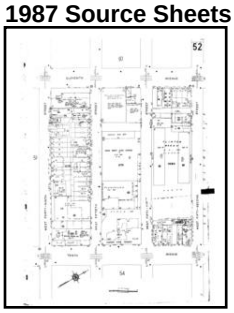

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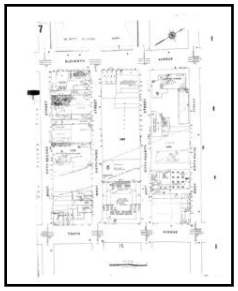

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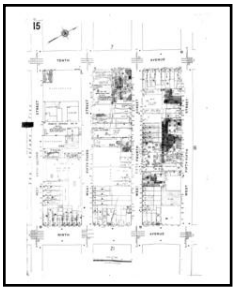

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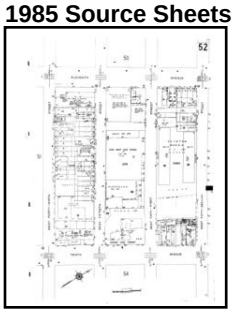

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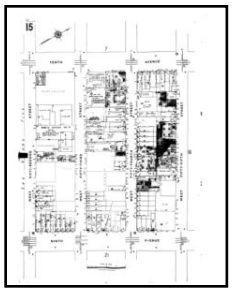

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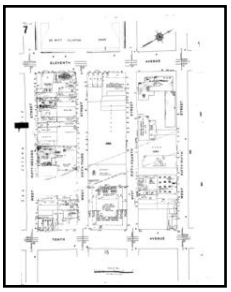

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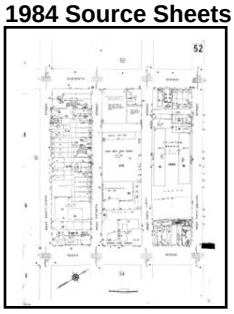

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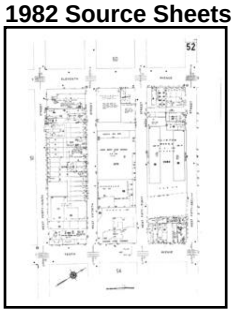

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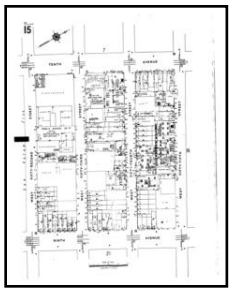

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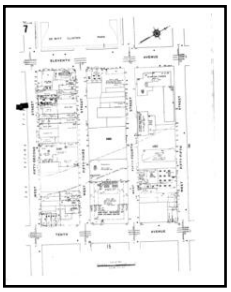

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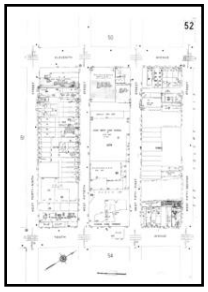

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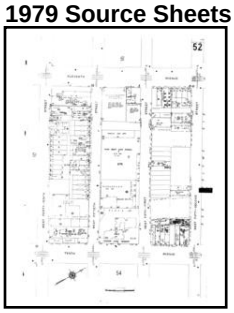

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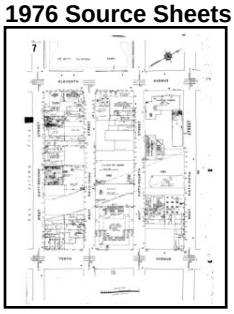

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Volume 6W, Sheet 15

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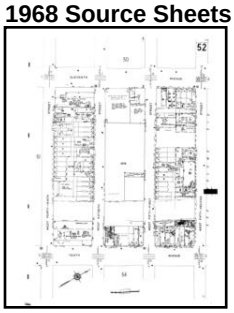

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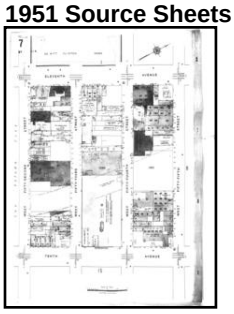

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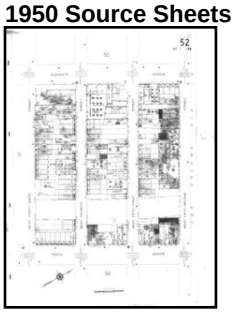

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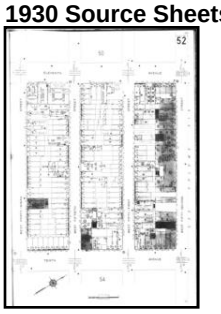

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Volume 6W, Sheet 7

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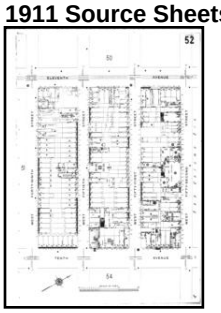

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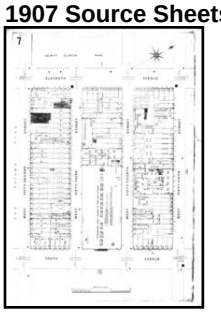

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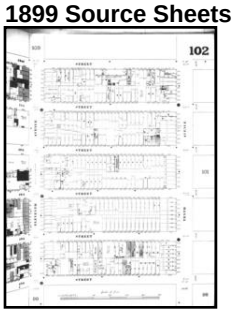
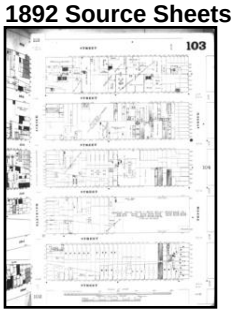


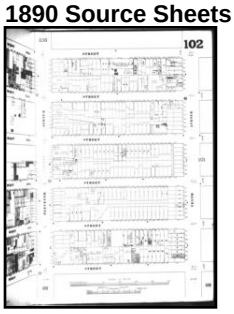
Volume 5N, Sheet 102

1892 Source Sheets



Volume 6E, Sheet 103

1890 Source Sheets



Volume 5N, Sheet 102

2005 Certified Sanborn Map

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Copyright:	2005

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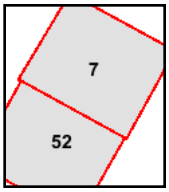

Volume 5N, Sheet 52
Volume 6W, Sheet 7

0 Feet 150 300 600

N

2004 Certified Sanborn Map

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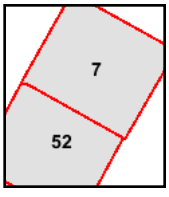

Volume 6W, Sheet 7
Volume 5N, Sheet 52

N

2003 Certified Sanborn Map

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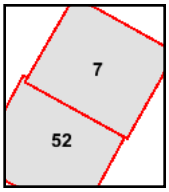

Volume 5N, Sheet 52
Volume 6W, Sheet 7

0 Feet 150 300 600

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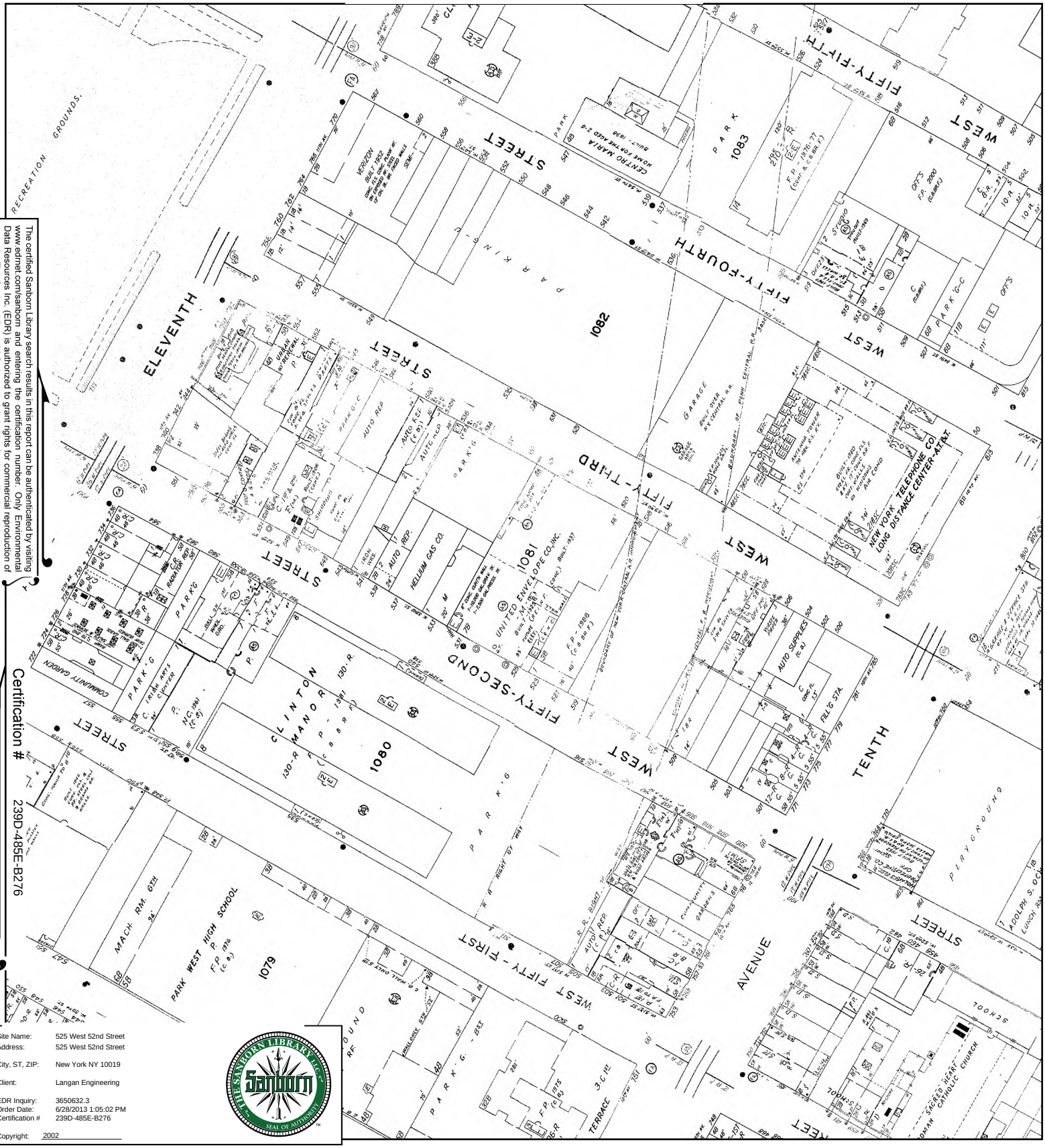
2002 Certified Sanborn Map



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Certification #	239D-485E-B276
Copyright:	2002

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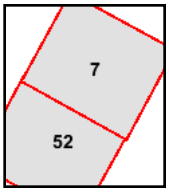
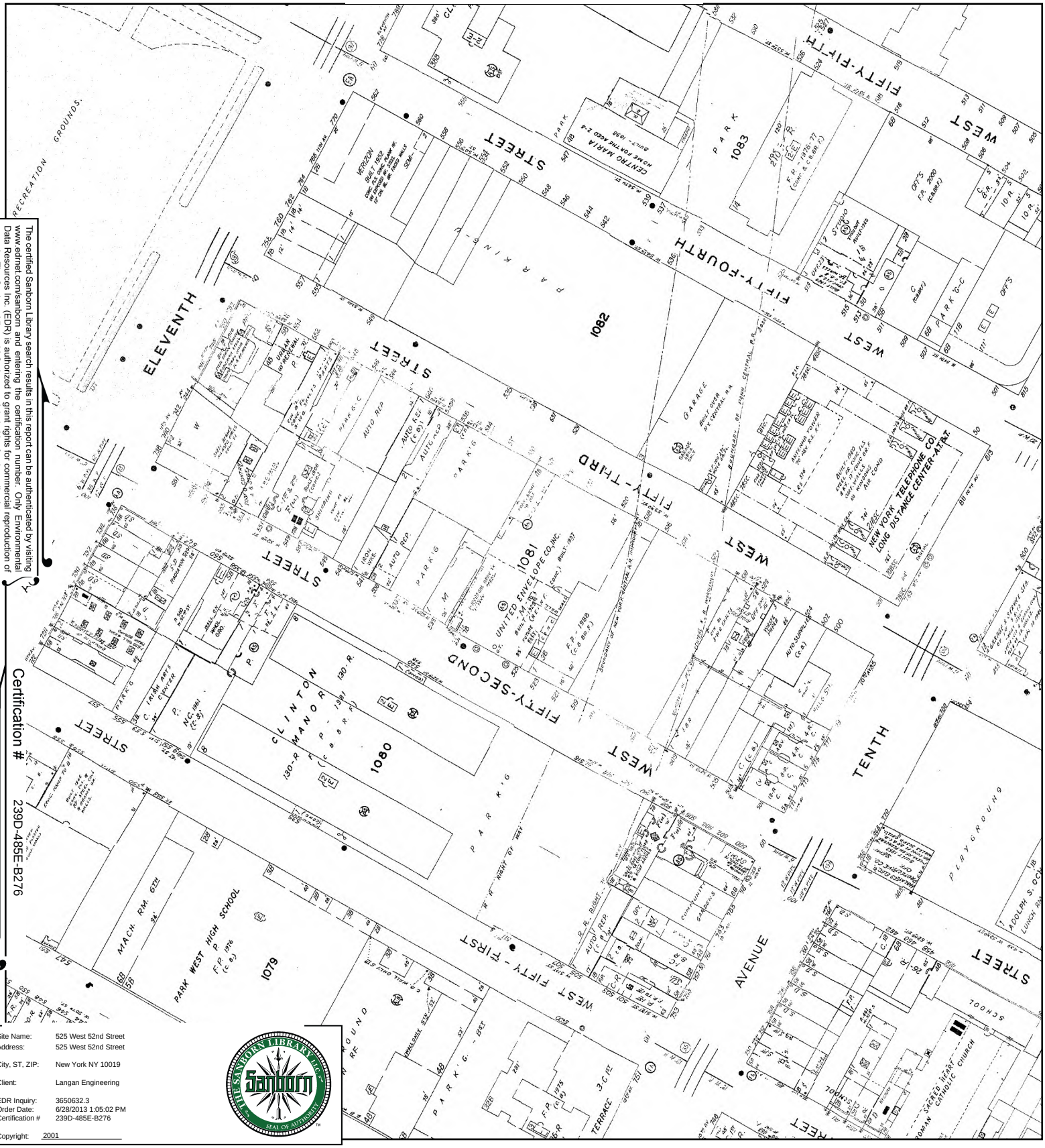


Volume 6W, Sheet 7
Volume 5N, Sheet 52

0 Feet 150 300 600

2001 Certified Sanborn Map



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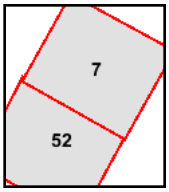

Volume 5N, Sheet 52
Volume 6W, Sheet 7

0 Feet 150 300 600

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Certification #	239D-485E-B276
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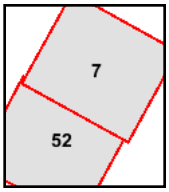
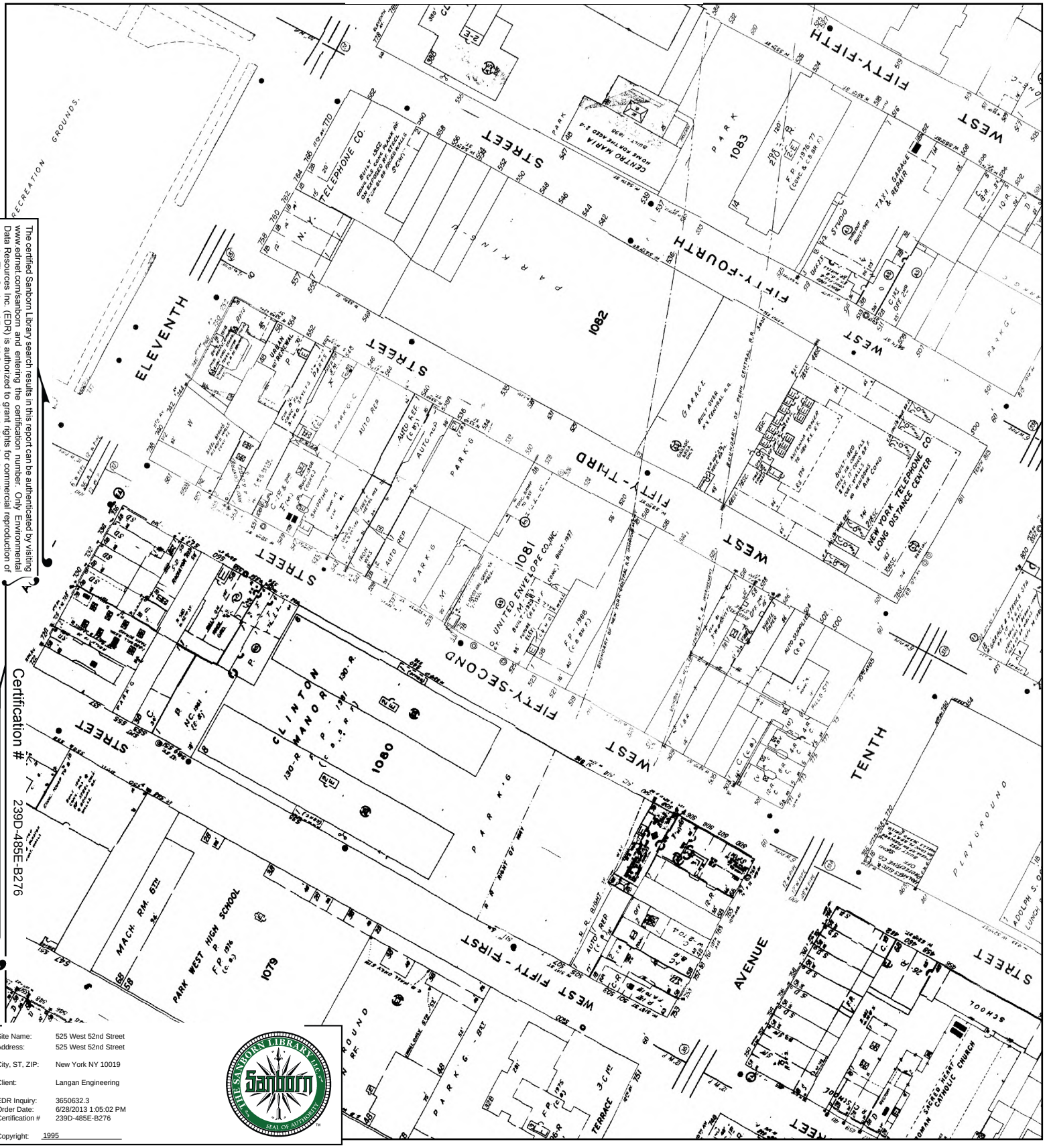


Volume 5N, Sheet 52
Volume 6W, Sheet 7

0 Feet 150 300 600

N

1995 Certified Sanborn Map



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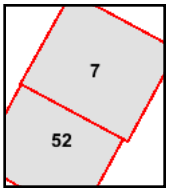
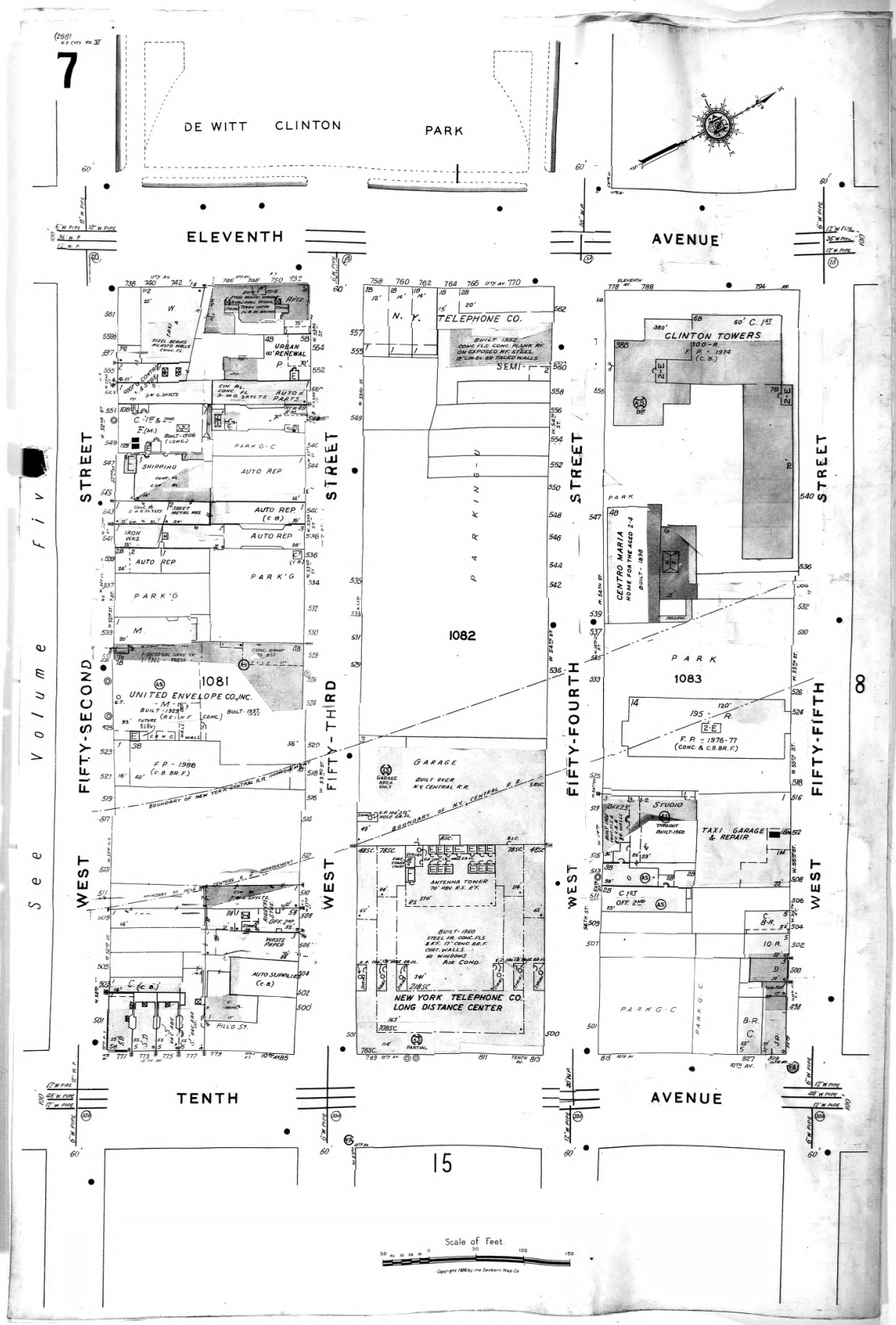


Volume 6W, Sheet 7
Volume 5N, Sheet 52

N

1994 Certified Sanborn Map



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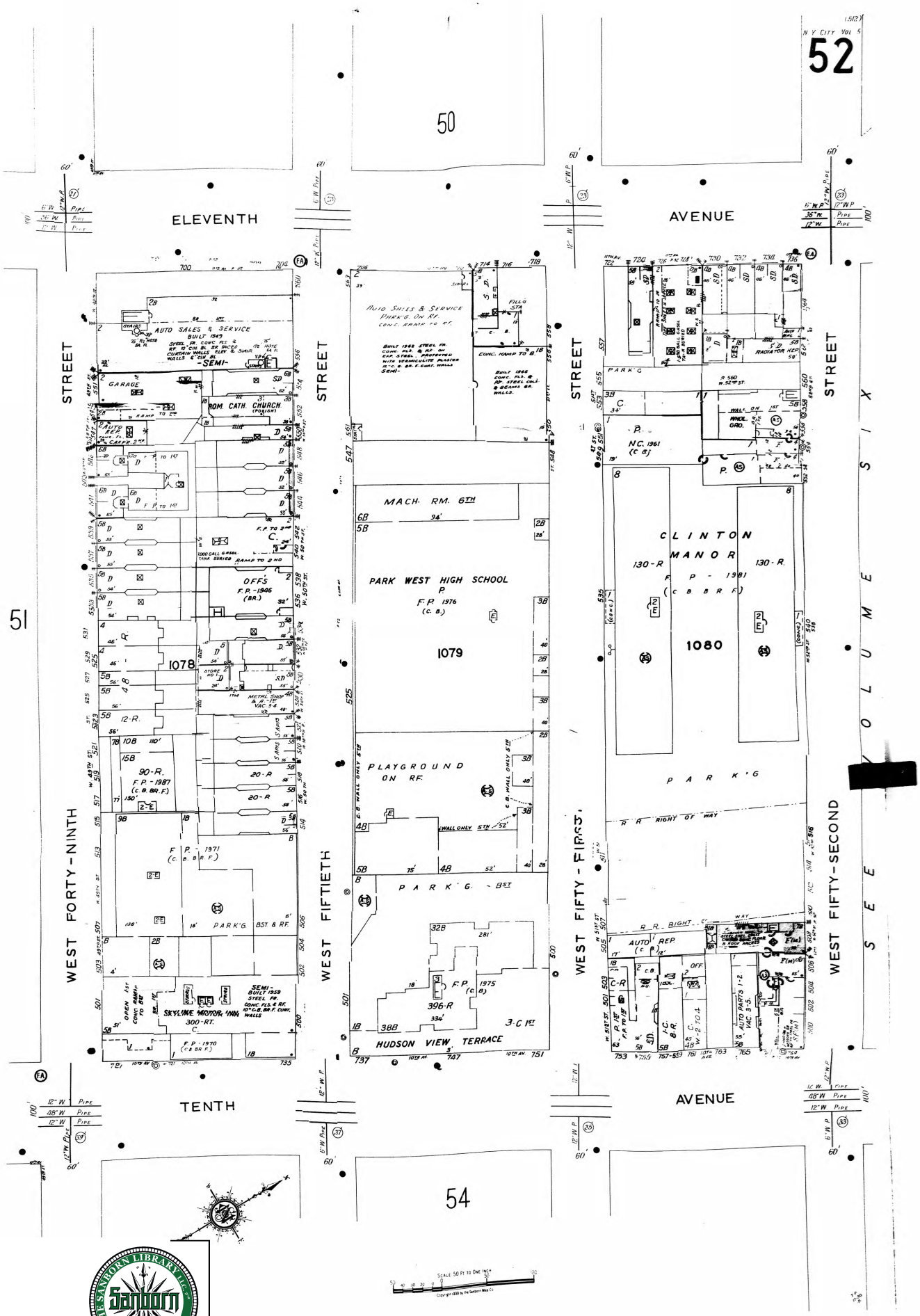
Copyright:	1994

1994 Certified Sanborn Map



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Certification #	239D-485E-B276
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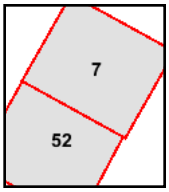

Volume 5N, Sheet 52
Volume 6W, Sheet 7

0 Feet 150 300 600

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Certification #	239D-485E-B276
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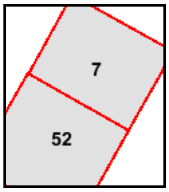

Volume 5N, Sheet 52
Volume 6W, Sheet 7

0 Feet 150 300 600

N

1991 Certified Sanborn Map

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Certification #	239D-485E-B276
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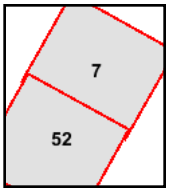

Volume 6W, Sheet 7
Volume 5N, Sheet 52

0 Feet 150 300 600

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1990 Certified Sanborn Map

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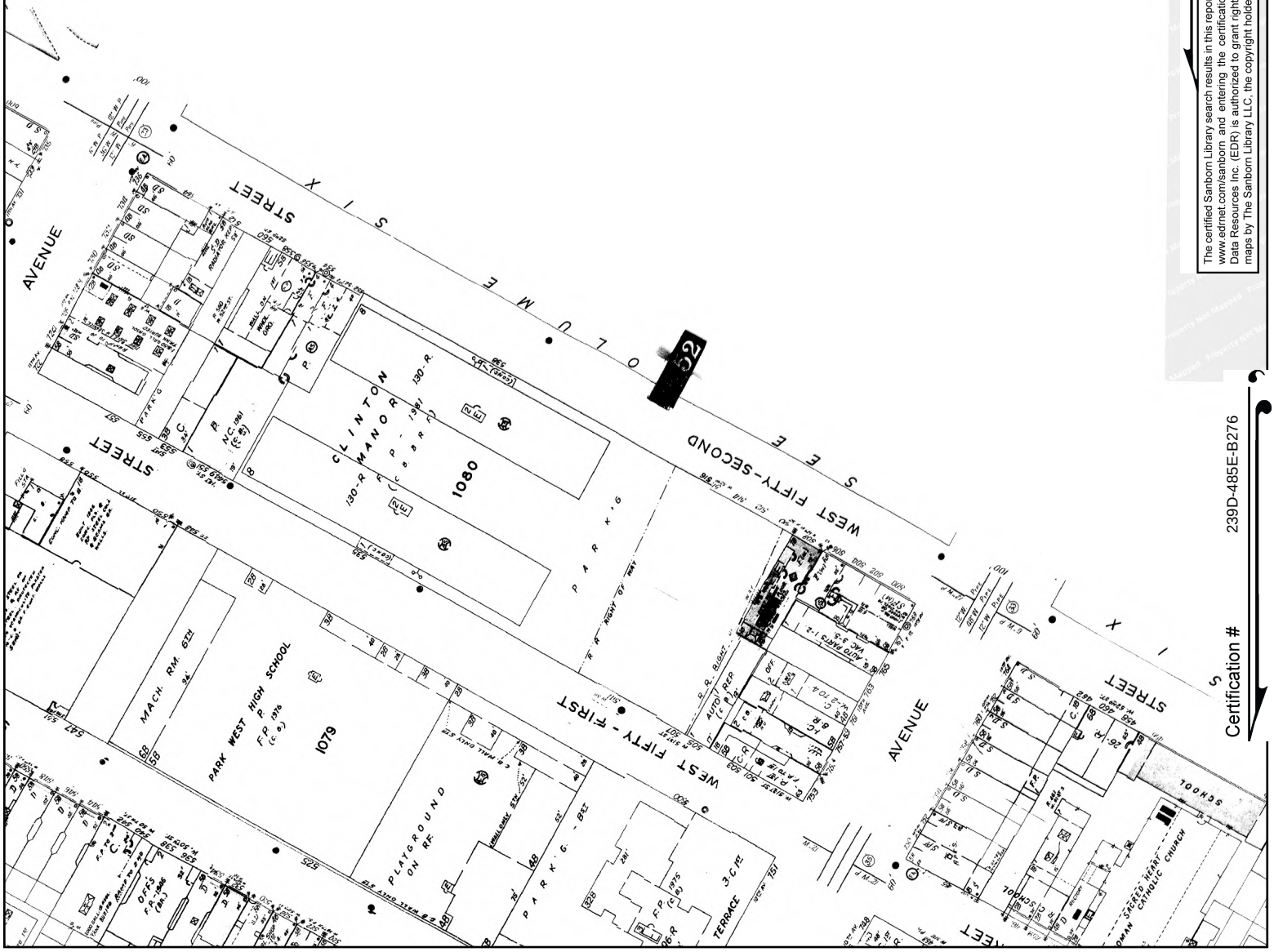

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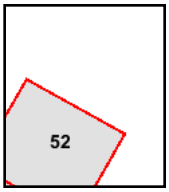
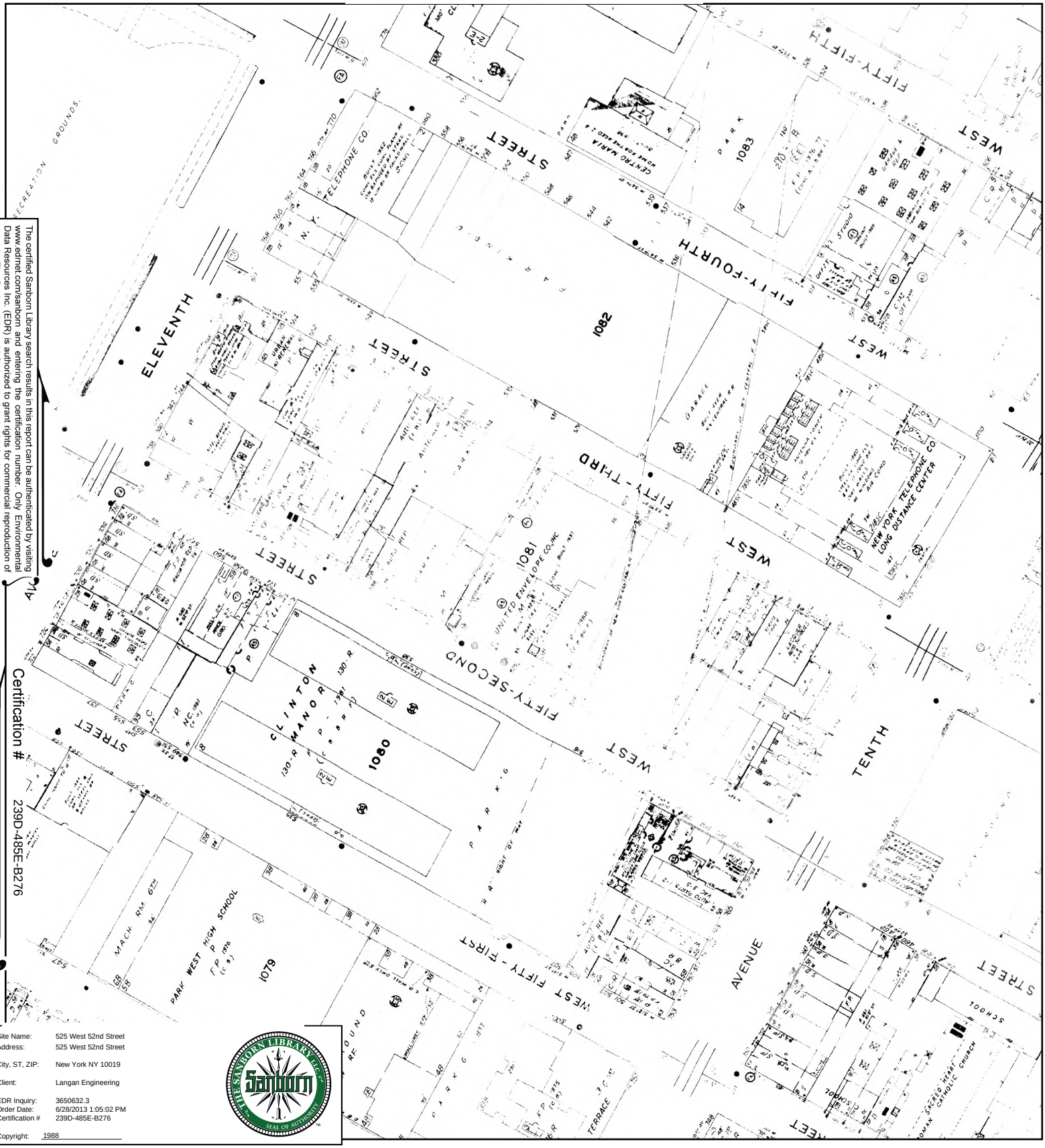


Volume 5N, Sheet 52

N

1988 Certified Sanborn Map



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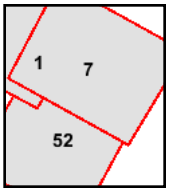

Volume 6W, Sheet 1
Volume 6W, Sheet 7
Volume 5N, Sheet 52

0 Feet 150 300 600

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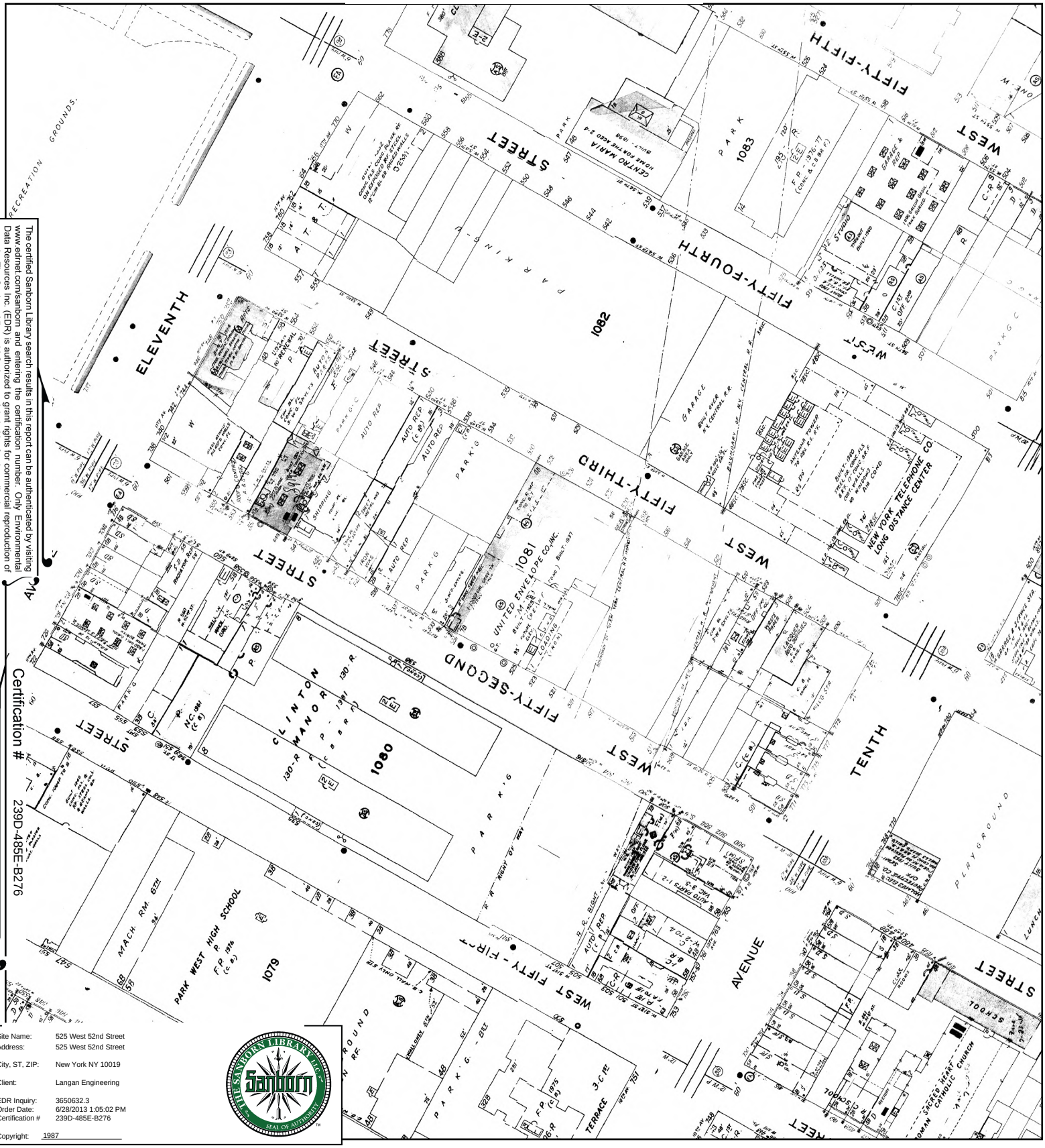
1987 Certified Sanborn Map



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Certification #	239D-485E-B276
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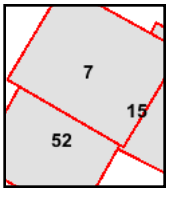
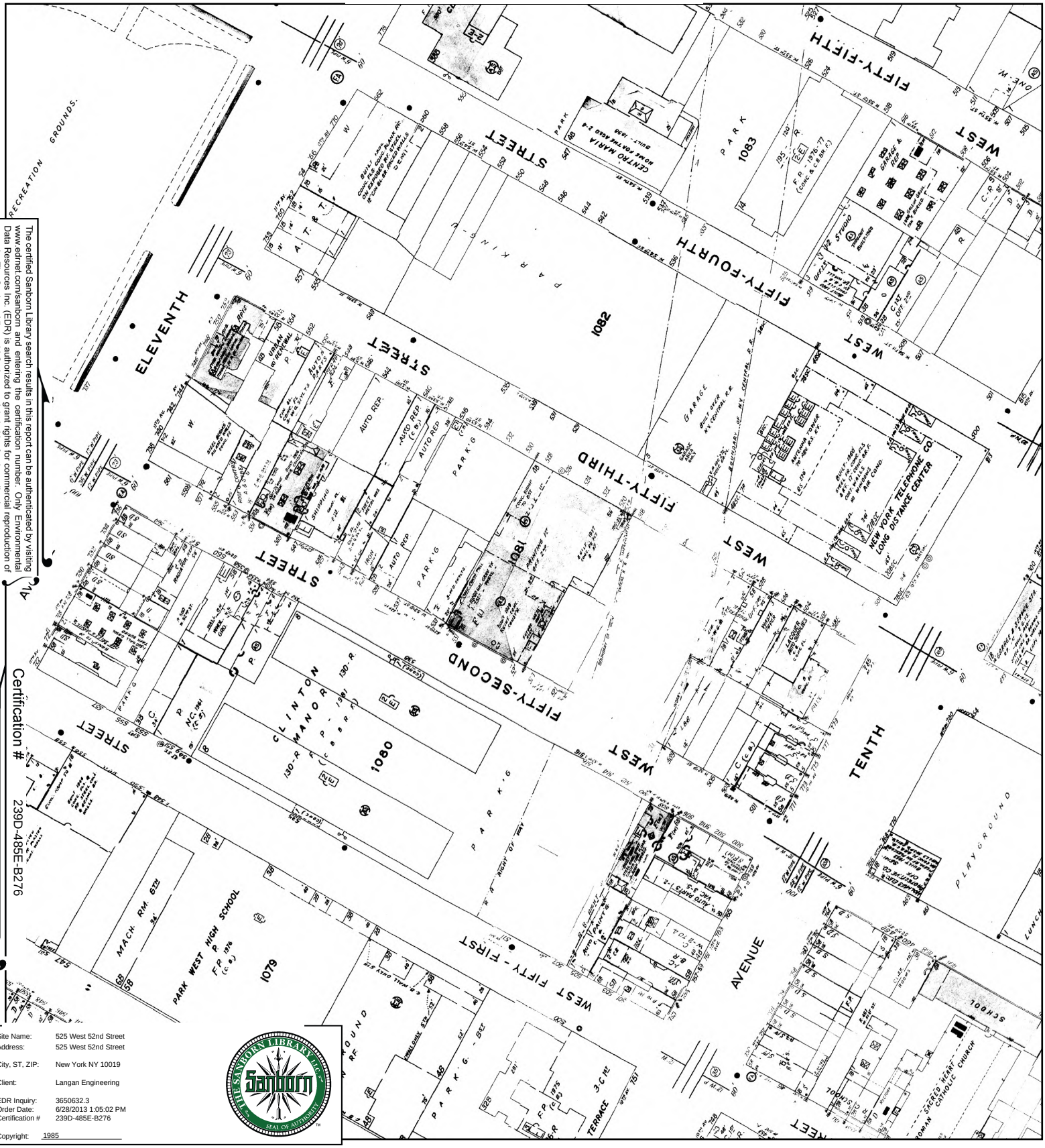


Volume 5N, Sheet 52
Volume 6W, Sheet 7
Volume 6W, Sheet 15

0 Feet 150 300 600

N

1985 Certified Sanborn Map



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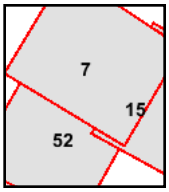

Volume 5N, Sheet 52
Volume 6W, Sheet 15
Volume 6W, Sheet 7

0 Feet 150 300 600

N

1984 Certified Sanborn Map

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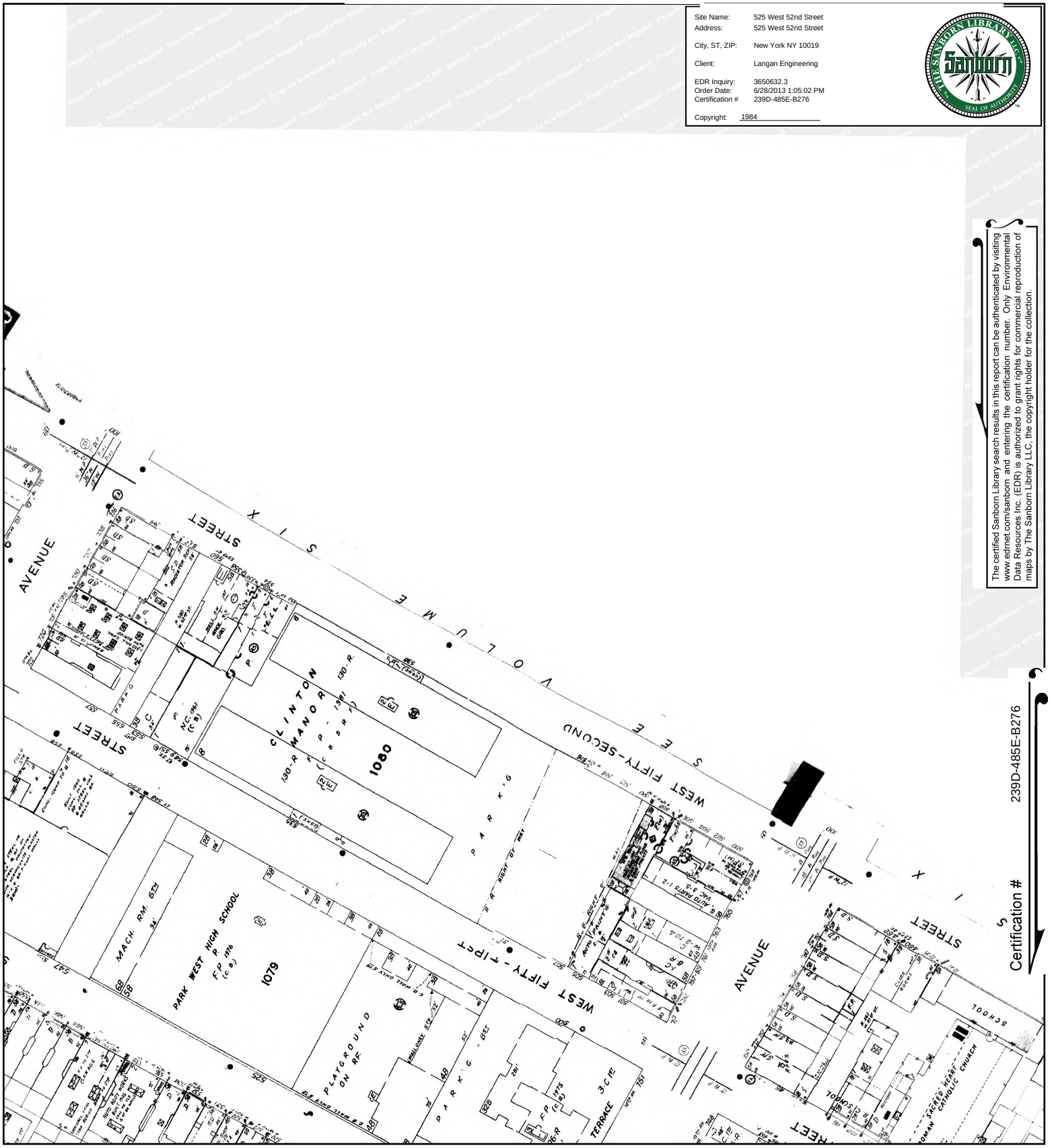

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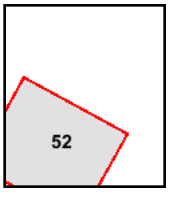

Volume 5N, Sheet 52

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Certification #	239D-485E-B276
Copyright:	1982

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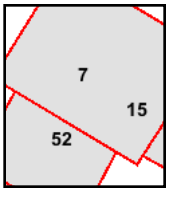

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Volume 6W, Sheet 15
Volume 6W, Sheet 7

0 Feet 150 300 600

N

1980 Certified Sanborn Map

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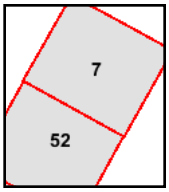
Site Name:	525 West 52nd Street
Address:	525 West 52nd Street
City, ST, ZIP:	New York NY 10019
Client:	Langan Engineering
EDR Inquiry:	3650632.3
Order Date:	6/28/2013 1:05:02 PM
Certification #	239D-485E-B276
Copyright:	1980

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

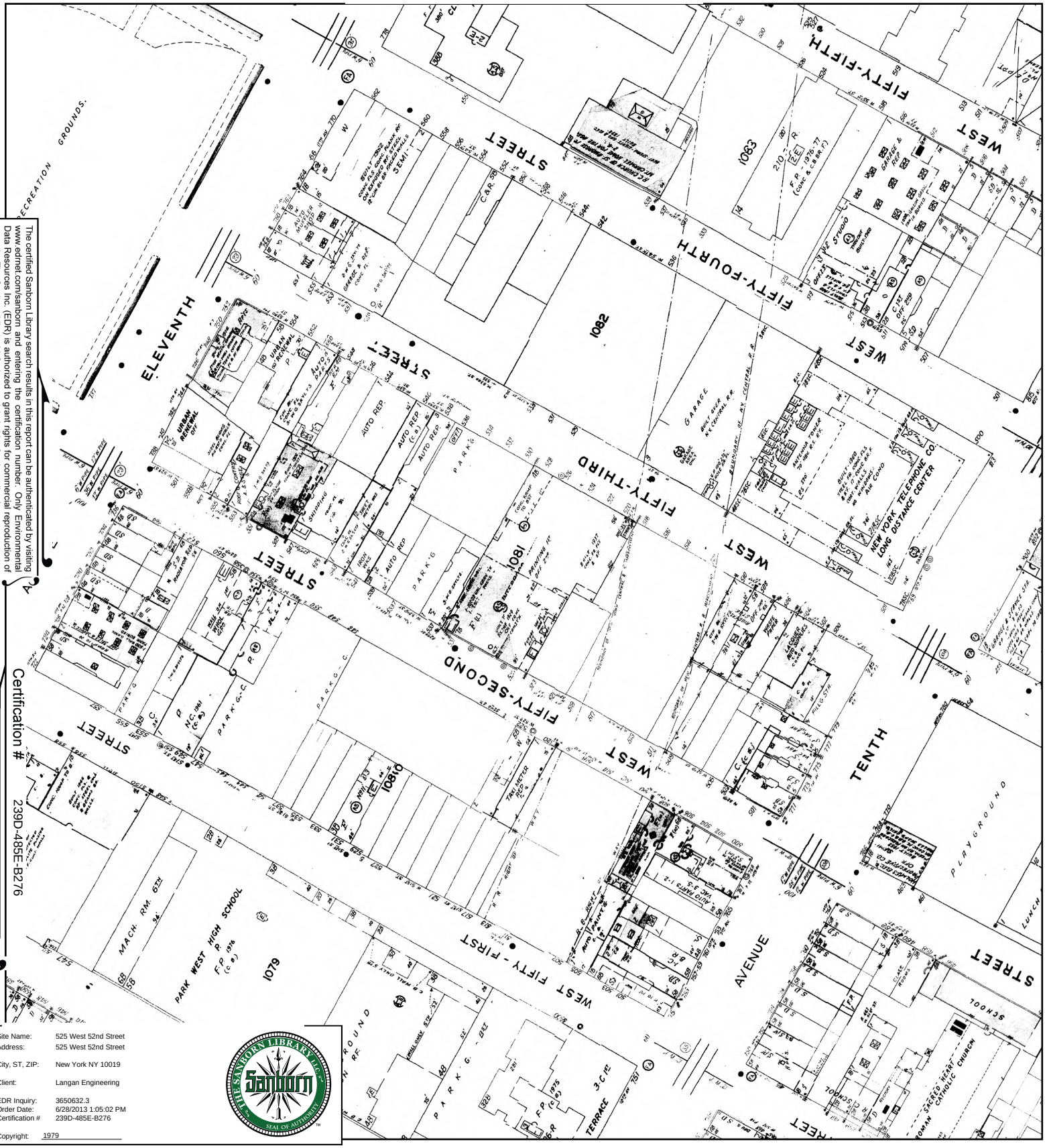


Volume 6W, Sheet 7
Volume 5N, Sheet 52

0 Feet 150 300 600

N

1979 Certified Sanborn Map



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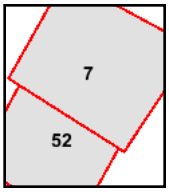
Certification # 239D-485E-B276

Site Name:	525 West 52nd Street
Address:	525 West 52nd Street
City, ST, ZIP:	New York NY 10019
Client:	Langan Engineering
EDR Inquiry:	3650632.3
Order Date:	6/28/2013 1:05:02 PM
Certification #	239D-485E-B276
Copyright:	1979

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



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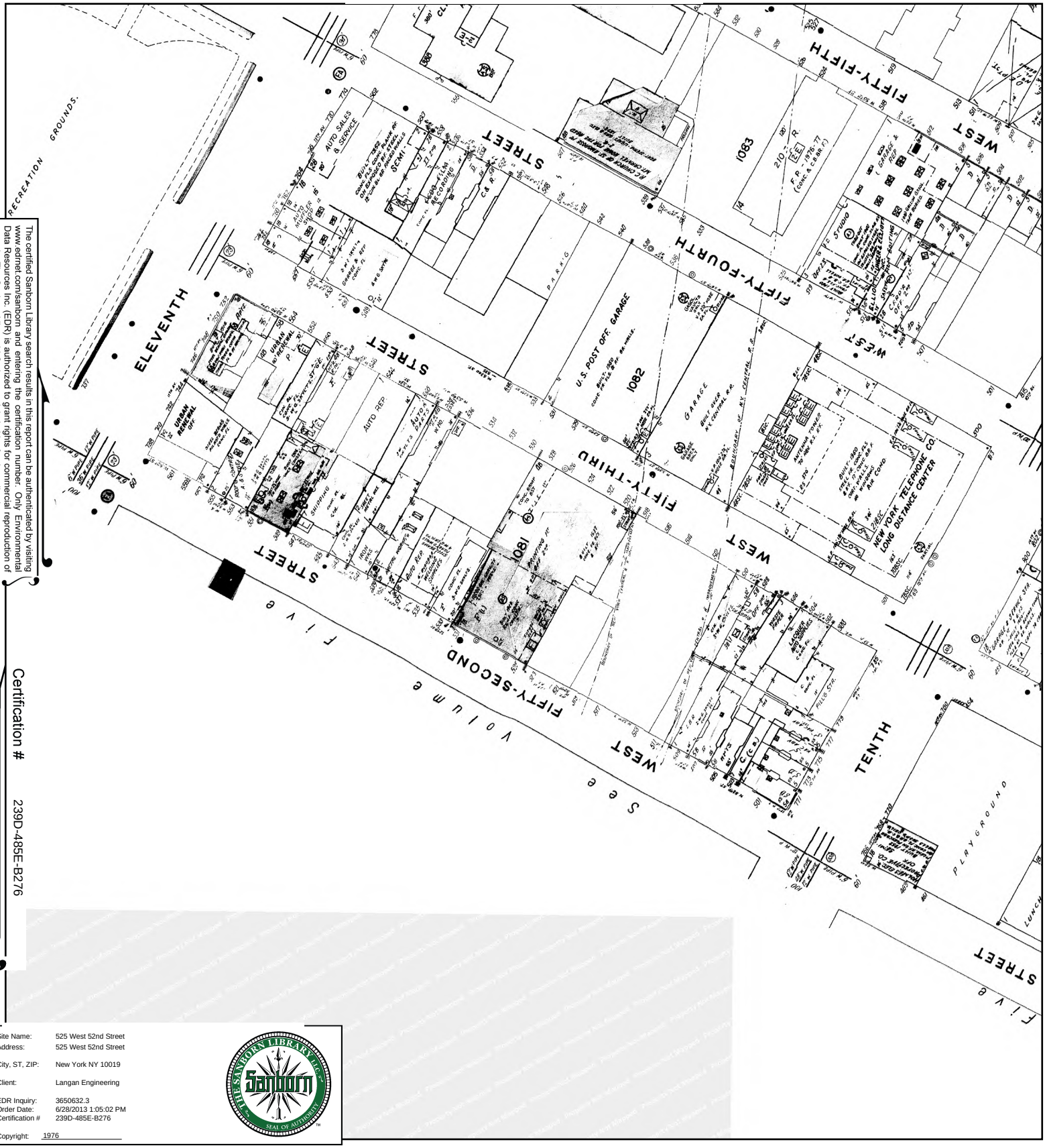
Volume 6W, Sheet 7

N

1976 Certified Sanborn Map



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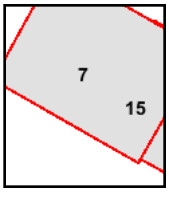
Certification # 239D-485E-B276

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1976

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 6W, Sheet 7
Volume 6W, Sheet 15

0 Feet 150 300 600

N

1968 Certified Sanborn Map

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1968

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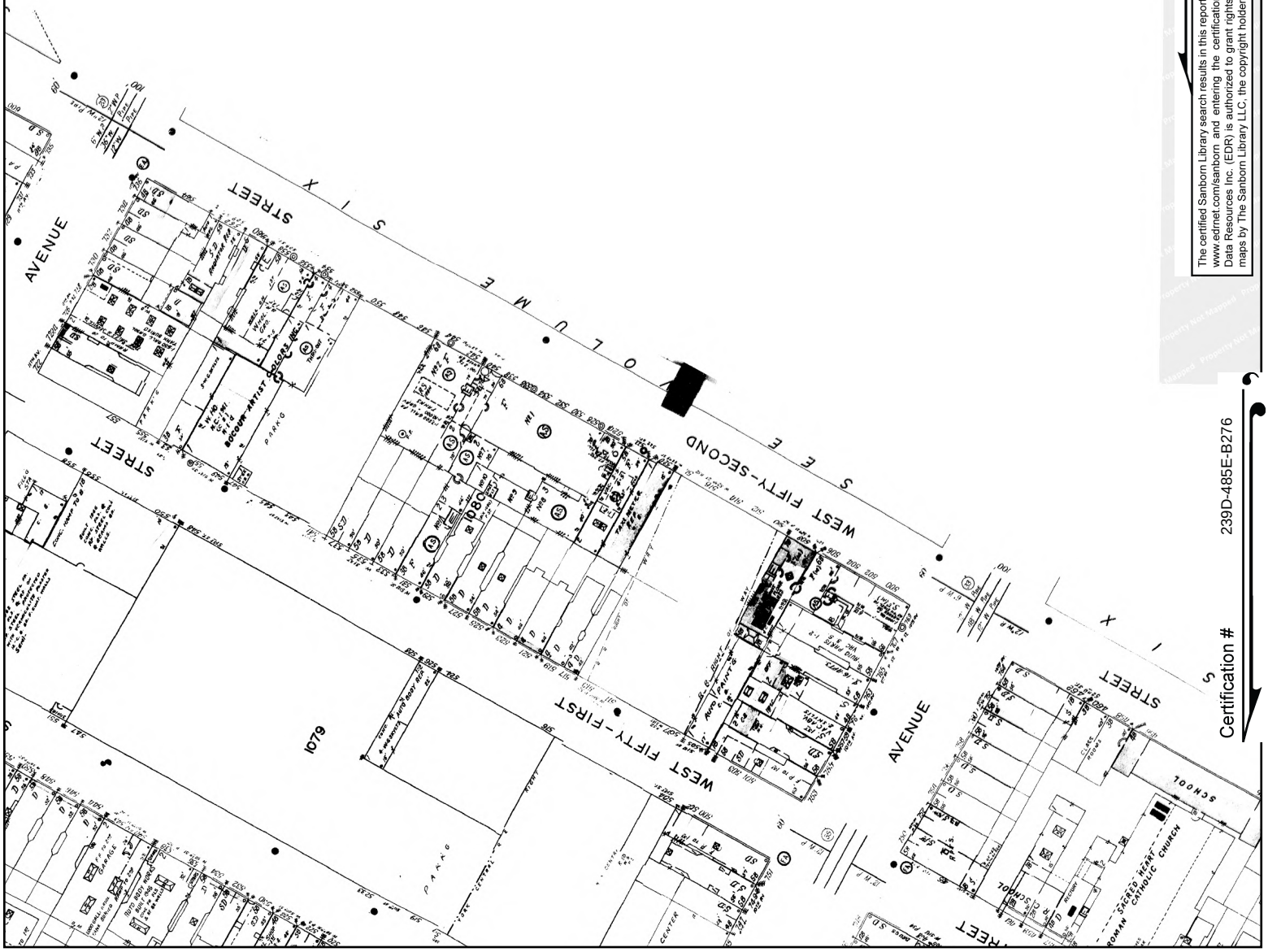
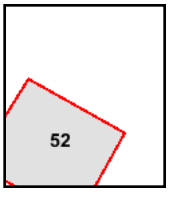
Certification # 239D-485E-B276



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



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N

1951 Certified Sanborn Map

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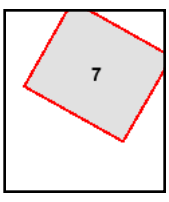
Certification # 239D-485E-B276

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1951

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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0 Feet 150 300 600

N

1950 Certified Sanborn Map

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1950

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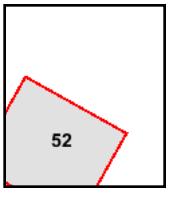
Certification # 239D-485E-B276

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



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N

1930 Certified Sanborn Map

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1930

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Certification # 239D-485E-B276

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

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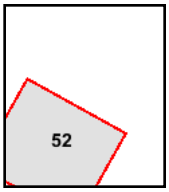

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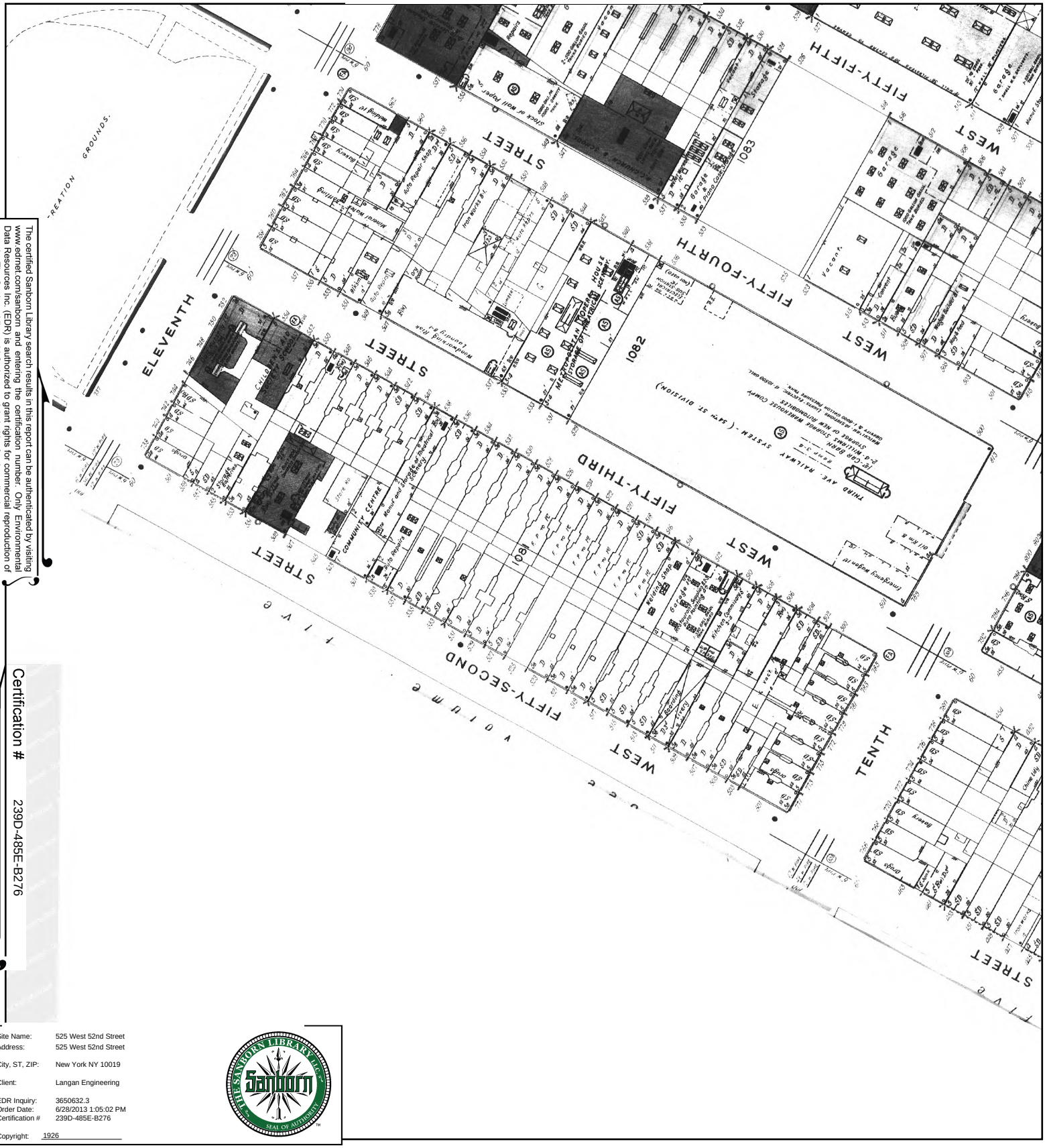
N

1926 Certified Sanborn Map



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Certification # 239D-485E-B276

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1926

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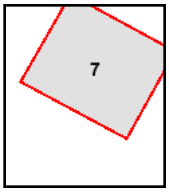
Outlined areas indicate map sheets within the collection.



Volume 6W, Sheet 7

0 Feet 150 300 600

N

1911 Certified Sanborn Map

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1911

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Certification # 239D-485E-B276

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

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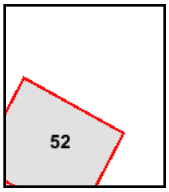

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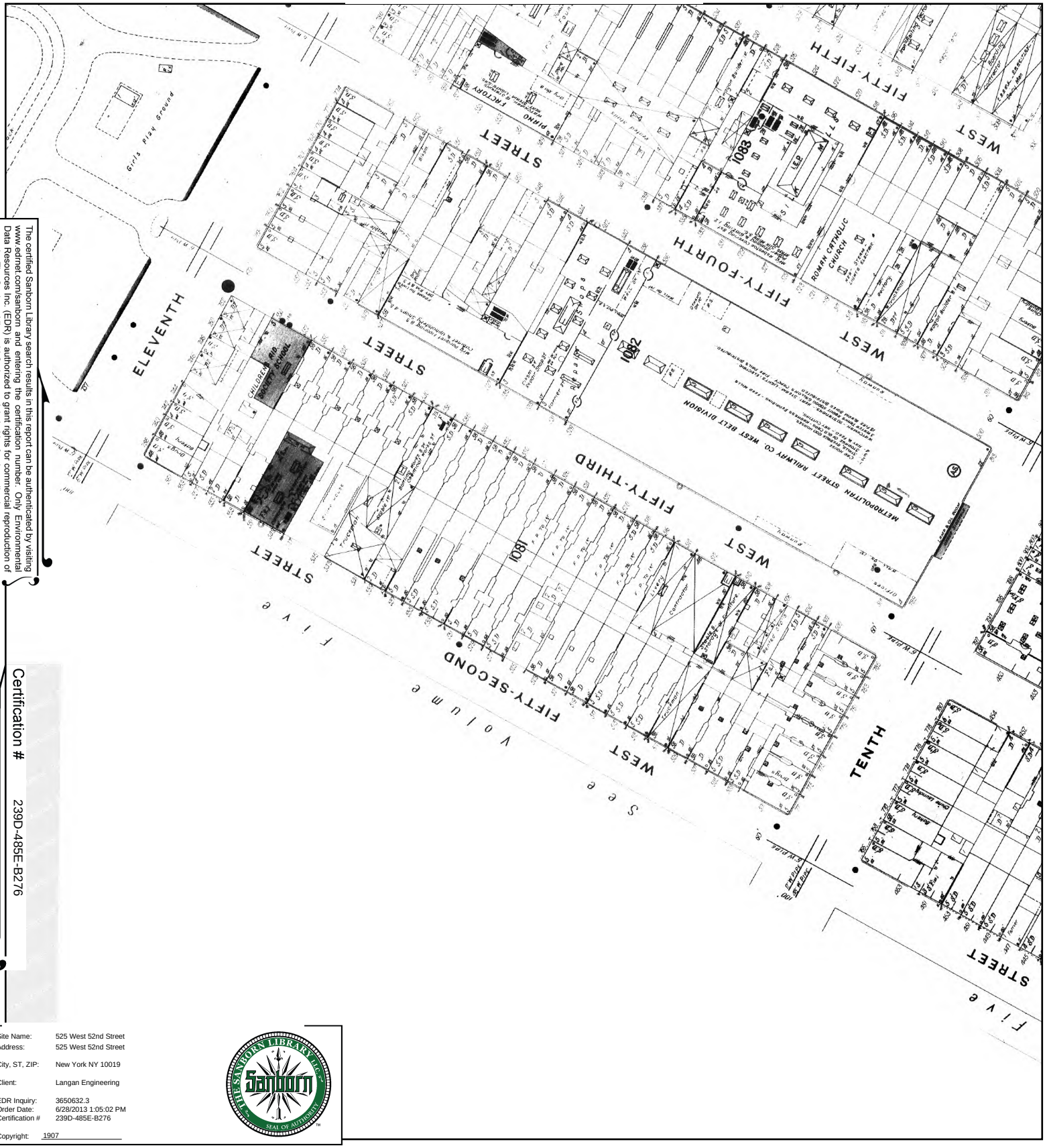
N

1907 Certified Sanborn Map



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Certification # 239D-485E-B276

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1907

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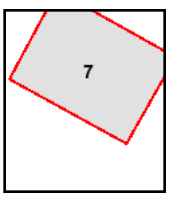

Volume 6E, Sheet 7

0 Feet 150 300 600

N

1899 Certified Sanborn Map

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1899

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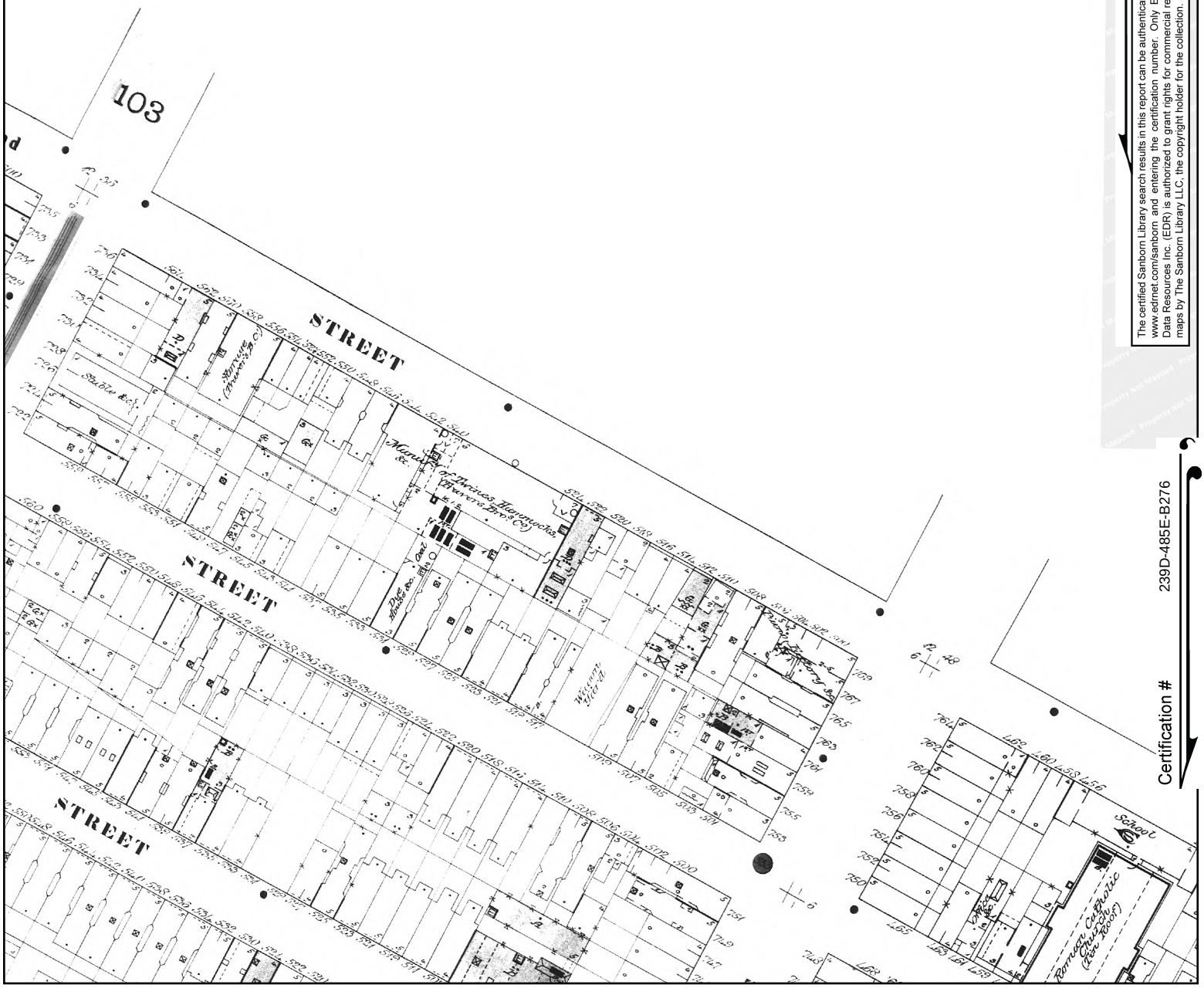
Certification # 239D-485E-B276



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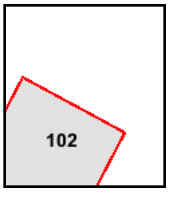

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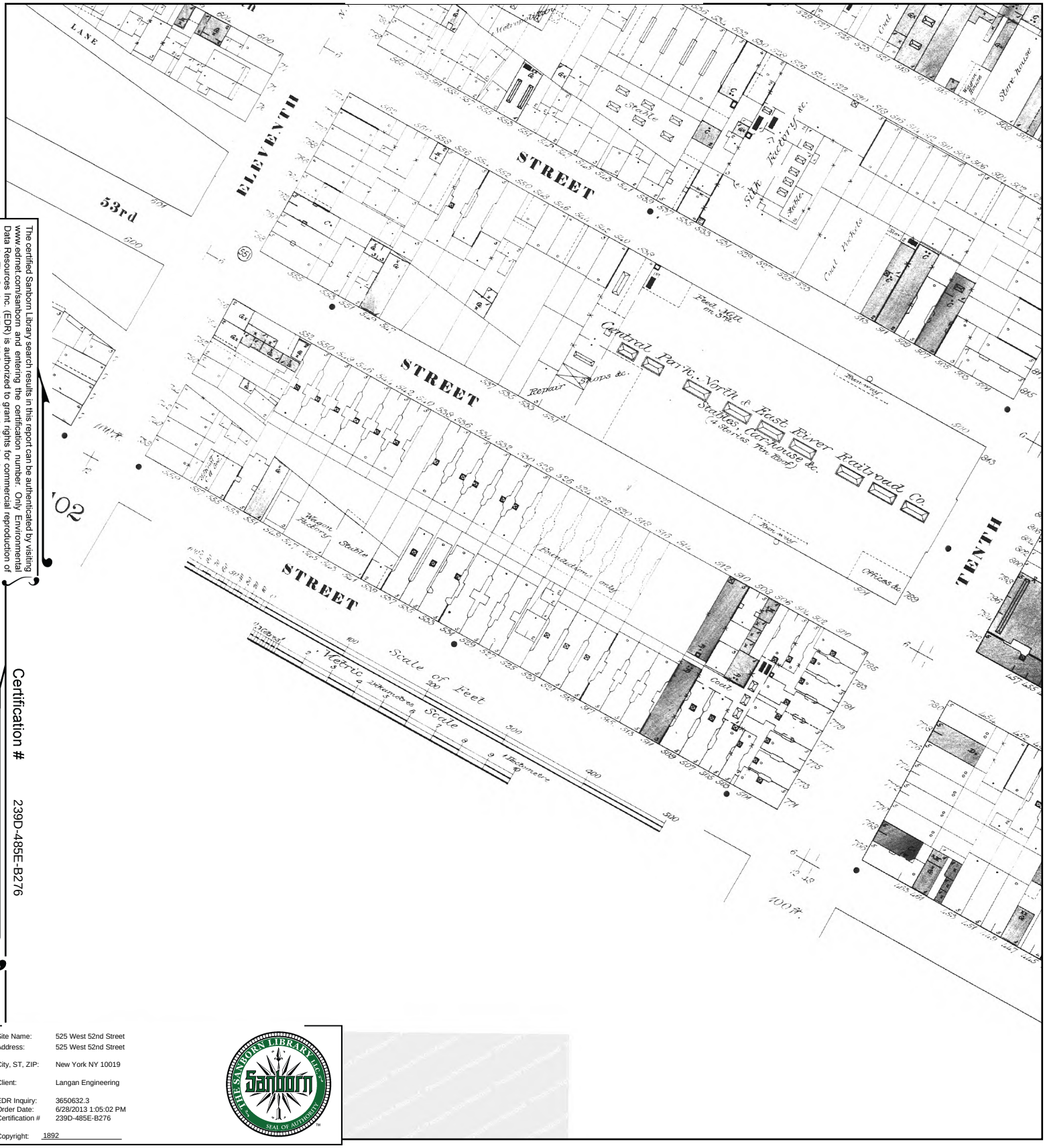
N

1892 Certified Sanborn Map



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Certification # 239D-485E-B276

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1892

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

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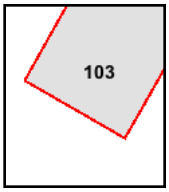

Volume 6E, Sheet 103

N

1890 Certified Sanborn Map

Site Name: 525 West 52nd Street
Address: 525 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Langan Engineering
EDR Inquiry: 3650632.3
Order Date: 6/28/2013 1:05:02 PM
Certification # 239D-485E-B276
Copyright: 1890

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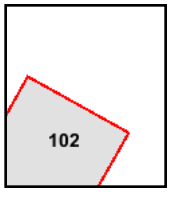
Certification # 239D-485E-B276

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 5N, Sheet 102

N

APPENDIX D

CITY DIRECTORY SEARCH

525 West 52nd Street
525 West 52nd Street
New York, NY 10019

Inquiry Number: 3650632.5
June 28, 2013

The EDR-City Directory Abstract

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2012	Cole Information Services	X	X	X	-
2007	Cole Information Services	X	X	X	-
2006	Hill-Donnelly Information Services	X	X	X	-
2000	Cole Information Services	X	X	X	-
1998	NYNEX Telephone	X	X	X	-
1996	NYNEX	-	-	-	-
1993	NYNEX Telephone	X	X	X	-
1988	NYNEX Telephone	X	X	X	-
1983	New York Telephone	-	X	X	-
1978	New York Telephone	X	X	X	-
1973	New York Telephone	X	X	X	-
1968	New York Telephone	X	X	X	-
1963	New York Telephone	X	X	X	-
1958	New York Telephone	X	X	X	-
1956	New York Telephone	X	X	X	-
1950	New York Telephone	X	X	X	-
1947	New York Telephone	X	X	X	-
1942	New York Telephone	X	X	X	-
1938	New York Telephone	X	X	X	-
1934	R. L. Polk & Co.	X	X	X	-
1931	Manhattan and Bronx Directory Publishing Company Residential Directory	-	X	X	-
	Manhattan and Bronx Directory Publishing Company Residential Directory	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1927	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1923	R. L. Polk & Co.	-	X	X	-
1920	R. L. Polk & Co.	X	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
523 West 52nd Street	Client Entered	X
520 West 53rd Street	Client Entered	X
770 11th Avenue	Client Entered	
811 10th Avenue	Client Entered	X
535 West 51st Street	Client Entered	X
500 West 53rd Street	Client Entered	X
533 West 52nd Street	Client Entered	X
509 West 52nd Street	Client Entered	X
500 West 53rd Street	Client Entered	X
500 West 54th Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

525 West 52nd Street
New York, NY 10019

FINDINGS DETAIL

Target Property research detail.

52ND

520 52ND

Year	Uses	Source
1973	B & M SALES & SVCE INC	New York Telephone

W 52 J

523 W 52 J

Year	Uses	Source
1968	SPENCER APTS	New York Telephone

W 52 ST

520 W 52 ST

Year	Uses	Source
1968	B & M AUTO BODY	New York Telephone
	B & M SALES & SVCE INC	New York Telephone
1963	BEM AUTOMTC TRANSMISSION INC	New York Telephone
	LANDAU EDW B	New York Telephone
	ROLS CHEMCL CORP	New York Telephone
1956	VIKING TAXI METER CO INC	New York Telephone
	VIKING TAXI METER SVCE	New York Telephone
1927	GARDINER MARY E MRS R	New York Telephone

523 W 52 ST

Year	Uses	Source
1942	CHADWICK JOHN	New York Telephone
	TULLY JOHN J	New York Telephone
1938	TULLY JOHN J	New York Telephone
1931	CAHILL SADIE	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

Year	Uses	Source
1931	CAMPBELL GEO	Manhattan and Bronx Directory Publishing Company Residential Directory
	CAMPBELL IRENE	Manhattan and Bronx Directory Publishing Company Residential Directory
	CAMPBELL ROSE	Manhattan and Bronx Directory Publishing Company Residential Directory
	MEISNER ANNA	Manhattan and Bronx Directory Publishing Company Residential Directory
	TULLY MARY	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	TULLY JOHN J R	New York Telephone

525 W 52 ST

Year	Uses	Source
1998	ASTRID OFFSET CORP LITGPHRS	NYNEX Telephone
	EXCLUSIVE ENVELOPE	NYNEX Telephone
	HUXLEY ENVELOPE CORP	NYNEX Telephone
	MELO ENVELOPE CO INC	NYNEX Telephone
	UNITED ENVELOPE CO INC	NYNEX Telephone
	WEST SHORE ENVELOPE	NYNEX Telephone
	ZEAL ENVELOPE CONVERTERS	NYNEX Telephone
1993	AD-LINK	NYNEX Telephone
	APCO APEDA/RIK SHAW	NYNEX Telephone
	ARROW PHOTO	NYNEX Telephone
	ASTRID OFFSET CORP FITGPHRS	NYNEX Telephone
	CREST STUDIOS	NYNEX Telephone
	CREST STUDIOS PAY PHONE	NYNEX Telephone
	EXCLUSIVE ENVELOPE	NYNEX Telephone
	IMPERIAL ENVELOPE	NYNEX Telephone
	MELO ENVELOPE CO INC	NYNEX Telephone
	P R DATA SYSTEMS INC	NYNEX Telephone
	RIK SHAW ASSOCS PHOTOGRAPHY	NYNEX Telephone
	ROCQUE TECHNIQUES	NYNEX Telephone
	UNITED ENVELOPE CO INC	NYNEX Telephone
	V C T GRAPHICS	NYNEX Telephone
	WARO CUSTOM PHOTO LAB	NYNEX Telephone
	WEST SHORE ENVELOPE	NYNEX Telephone
	ZEAL ENVELOPE CONVERTERS	NYNEX Telephone
1988	APCO APEDA RIK SHAW	NYNEX Telephone
	APEDA STUDIOS	NYNEX Telephone
	ARROW PHOTO	NYNEX Telephone

FINDINGS

Year	Uses	Source
1988	ASTRID OFFSET CORP LITGPHRS	NYNEX Telephone
	CREST STUDIOS	NYNEX Telephone
	IMPERIAL ENVELOPE	NYNEX Telephone
	MELO ENVELOPE CO INC	NYNEX Telephone
	RIK SHAW ASSOCS PHOTOGRAPHY	NYNEX Telephone
	ROCQUE TECHNIQUES	NYNEX Telephone
	U S & A GRAPHIC SVCES INC	NYNEX Telephone
	UNITED ENVELOPE CO INC	NYNEX Telephone
	WEBVELOPE CORP	NYNEX Telephone
	WEST SHORE ENVELOPE	NYNEX Telephone
	ZEAL ENVELOPE CONVERTERS	NYNEX Telephone
1978	COLEMAN LEE B	New York Telephone
	EPHRAIM JOS B	New York Telephone
	GOTTLIEB-ADORN PRINTING CO INC	New York Telephone
	GRAFEX LITHO CO	New York Telephone
	HERST LITHO INC LITHGPHRS	New York Telephone
	MANSFIELD PRESS INC	New York Telephone
	NEW YORK PRESS THE	New York Telephone
	TODAY PRESS INC	New York Telephone
1973	COLEMAN LEE B	New York Telephone
	DAILY RACING FORMN	New York Telephone
	EPHRAIM JOS B	New York Telephone
	GOTTLIEB-ADORN PRINTING CO INC	New York Telephone
	GRAFEX LITHO CO	New York Telephone
	HERST LITHO INC LITHBPHRS	New York Telephone
	MANSFIELD PRESS INC	New York Telephone
	MORNING TELEGRAPH THE	New York Telephone
	NATL TURF DAILIES	New York Telephone
	TELEGRAPH MORNING THE A PUB	New York Telephone
	TRIANGLE PUBILCATIONS INC COMMUNICATION DIV	New York Telephone
1968	ARCO PLATE CO	New York Telephone
	COLEMAN LEE B	New York Telephone
	DAILY RACING FORM	New York Telephone
	EPHRAIM JOS B	New York Telephone
	GOLD ROBT C & ASSOCS INC	New York Telephone
	GOTTLIEB PRESS	New York Telephone
	GOTTLIEB-ADORN PRNTNG COINC	New York Telephone
	HERST LITLIO INC LITHOOHRS	New York Telephone

FINDINGS

Year	Uses	Source
1968	MANSFIELD PRESS INC	New York Telephone
	MORNING TELEGRAPH THE	New York Telephone
	NATL TURF DAILIES	New York Telephone
	TELEGRAPH MORNING THE A PUB	New York Telephone
	TRIANGLE PUBLICATIONS INC	New York Telephone
1963	COLEMAN LEE B	New York Telephone
	DAILY RACING FORM	New York Telephone
	EPHRAIM JOS B	New York Telephone
	GOTTLIEB PRESS	New York Telephone
	GOTTLIEB-ADORN PRNTNG CO INC	New York Telephone
	GREENBERG FISCH HAT CORP SHWRN	New York Telephone
	HERST LITHEO INC LITHGPHRS	New York Telephone
	MANSFIELD PRESS INC	New York Telephone
	MORNING TELEGRAPH THE	New York Telephone
	NATL TURF DAILIES	New York Telephone
	NORTH AMER PHILIPS CO TNC	New York Telephone
	TELEGRAPH MORNING THE A PUB	New York Telephone
	TRIANGLE PUBLICATIONS INC	New York Telephone
1958	ARCO PLATE CO	New York Telephone
	DAILY RACING FORM	New York Telephone
	DAILY RACING GUIDE	New York Telephone
	EPHRAIM JOS B	New York Telephone
	GOTTLIEB PRESS	New York Telephone
	GOTTLIEB-ADORTS PRTSNG CO INC	New York Telephone
	HERST ARTHUR B	New York Telephone
	HERST LICHO INC ILTHCGPHRS	New York Telephone
	MANSFIELD PRESS INC	New York Telephone
	MORNING TELEGRAPH THE	New York Telephone
	NATL TURF DAILIES	New York Telephone
	NORTH AMER PHILIPS CO INC-	New York Telephone
	TELEGRAPH MORNING THE	New York Telephone
	TRIANGLE PUBLICATIONS INC-MAGAZINE DIV	New York Telephone
1956	ARCO PLATES INC	New York Telephone
	DAILY RACING FORM	New York Telephone
	DAILY RACING GUIDE	New York Telephone
	EPHRAIM JOS B	New York Telephone
	GOTTLIEB PRESS	New York Telephone
	GOTTLIEB-ADORN PRNTNG CO INC	New York Telephone

FINDINGS

Year	Uses	Source
1956	HERST ARTHUR B	New York Telephone
	HERST LITHO INC LITHGPHRS	New York Telephone
	JOLAN MFG CO INC	New York Telephone
	MANSFIELD PRESS INC	New York Telephone
	MICHAEL STEVEN CORP ZIPPERS	New York Telephone
	MORNING TELEGRAPH THE A PUB	New York Telephone
	NATL TURF DAILIES	New York Telephone
	PILLING CHAIN CO EXPT	New York Telephone
	SNAG-PRUF ZIPPER CORP	New York Telephone
	TELEGRAPH MORNING THE (A PUB)	New York Telephone
	TRIANGLE PUBLICATIONS INC	New York Telephone
	US COPPER ASSOCIATES INC	New York Telephone
1950	ADAMS LABS INC	New York Telephone
	DYKER BLDG CO	New York Telephone
	EPHRAIM JOS B	New York Telephone
	EXECUTONE INC	New York Telephone
	GOTTLIEB PRESS	New York Telephone
	GOTTLIEB-AAORN PRNTNG CO INC	New York Telephone
	LEIBOWITZ MEYER N B	New York Telephone
	MANSFIELD PRES INC	New York Telephone
1947	ADAMS LABS INC	New York Telephone
	EXECUTONE INC	New York Telephone
	FAWCETT DISTRIBUTG CORP RCLTN	New York Telephone
	HLB CORP	New York Telephone
	INTERBOROUGH NEWS CO -	New York Telephone
	LEIBOWITZ MEYER N B	New York Telephone
	MEYER NICHOLAS B	New York Telephone
1942	BRESLAW HARRY L B	New York Telephone
	HLB CORP	New York Telephone
	INTERBOROUGH NEWS CO	New York Telephone
	MEYER NICHOLAS B	New York Telephone
	US GOVT CONTINUED	New York Telephone
1938	BOOTH S P B	New York Telephone
	CURTIS PUBLSHG CO	New York Telephone
	INTERBORO NEWS CO	New York Telephone
	MEYER NICHOLAS B	New York Telephone

FINDINGS

W 52ND

520 W 52ND

Year	Uses	Source
1927	Gardiner Mary E Mrs r	New York Telephone
1920	Gardner Mary Mrs	R. L. Polk & Co.
	Lawler Margaret h rear	R. L. Polk & Co.
	OBrien Michl h rear	R. L. Polk & Co.
	Scarry Thos lab h rear	R. L. Polk & Co.
	Tobin Bessie wid Michl	R. L. Polk & Co.

523 W 52ND

Year	Uses	Source
1931	Cahill Sadie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Campbell Geo	Manhattan and Bronx Directory Publishing Company Residential Directory
	Campbell Irene	Manhattan and Bronx Directory Publishing Company Residential Directory
	Campbell Rose	Manhattan and Bronx Directory Publishing Company Residential Directory
	Meisner Anna	Manhattan and Bronx Directory Publishing Company Residential Directory
	Tully Mary	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Tully John J r	New York Telephone
1920	Barry Jos restr	R. L. Polk & Co.
	Dreger Jno shoemkr	R. L. Polk & Co.
	Flickner Geo Porter Harrolds Motor Car Co	R. L. Polk & Co.
	Geager Albert	R. L. Polk & Co.
	OBrien Geo A lab	R. L. Polk & Co.
	Pender Martin	R. L. Polk & Co.
	Rooney Jno J lab	R. L. Polk & Co.
	Rust Fredk waiter	R. L. Polk & Co.
	Steel Wm clk	R. L. Polk & Co.
	Tully Jno J carp	R. L. Polk & Co.

525 W 52ND

Year	Uses	Source
1934	Booth Saml P pres Interborough News Co	R. L. Polk & Co.
	Meyer N treas Interborough News Co	R. L. Polk & Co.
1920	Rosenqvist Aug carp	R. L. Polk & Co.

FINDINGS

W 52ND ST

525 W 52ND ST

Year	Uses	Source
2012	ASTRID OFFSET CORP	Cole Information Services
	ATTITUDE NEW YORK INC	Cole Information Services
	EXCLUSIVE ENVELOPE DIVISION OF UNITE	Cole Information Services
	LE NOBLE LUMBER CO	Cole Information Services
	TANASEYBERT	Cole Information Services
	UNIMAC GRAPHICS	Cole Information Services
	UNITED ENVELOPE LLC	Cole Information Services
2007	ASTRID OFFSET CORP	Cole Information Services
	COUSINS PRINTING LP	Cole Information Services
	EAGLE ENVELOPE CO INC	Cole Information Services
	EGREMONT GRAPHIC INC	Cole Information Services
	KADER LITHOGRAPHERS INC	Cole Information Services
	LE NOBLE LUMBER CO INC	Cole Information Services
	MELO ENVELOPE	Cole Information Services
	PHILIP HOLZER & ASSOCIATES LLC	Cole Information Services
	UNITED EAGLE INC	Cole Information Services
	WINDSOR GRAPHICS INC	Cole Information Services
2006	GraND STand Design Inc i s	Hill-Donnelly Information Services
	Kader Lithographers a o	Hill-Donnelly Information Services
	Kenner Printing Co	Hill-Donnelly Information Services
	Le Noble Lumber Co Inc	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	Number 2 United West Shore Envelope	Hill-Donnelly Information Services
	Number 2Tanagraphics	Hill-Donnelly Information Services
	Number 4 Zeal Envelope Converters	Hill-Donnelly Information Services
	Tanaseybert	Hill-Donnelly Information Services
	Tanaseybert v	Hill-Donnelly Information Services
	United Envelope o	Hill-Donnelly Information Services
	Windsor Graphics Inc	Hill-Donnelly Information Services
2000	ASTRID OFFSET CORP	Cole Information Services
	EXCLUSIVE ENVELOPE	Cole Information Services
	HUXLEY ENV CORP	Cole Information Services
	IMPERIAL ENVELOPE	Cole Information Services
	LE NOBLE LUMBER	Cole Information Services
	MELO ENV CO INC	Cole Information Services

Year	Uses	Source
2000	UNITED ENV CO INC	Cole Information Services
	W SHORE ENVELOPE	Cole Information Services
	ZEAL ENV CNVRTRS	Cole Information Services

W 52ND WHOL

525 W 52ND WHOL

Year	Uses	Source
1934	Interborough News Co NY cap $150 000 Saml P Booth pres C A Schultheis sec N Meyer treas	R. L. Polk & Co.

West 52nd Street

523 West 52nd Street

Year	Uses	Source
1931	Cahill Sadie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Campbell Geo	Manhattan and Bronx Directory Publishing Company Residential Directory
	Campbell Irene	Manhattan and Bronx Directory Publishing Company Residential Directory
	Campbell Rose	Manhattan and Bronx Directory Publishing Company Residential Directory
	Meisner Anna	Manhattan and Bronx Directory Publishing Company Residential Directory
	Tully Mary	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Tully John J r	New York Telephone
1920	Barry Jos restr	R. L. Polk & Co.
	Dreger Jno shoemkr	R. L. Polk & Co.
	Flickner Geo Porter Harrolds Motor Car Co	R. L. Polk & Co.
	Geager Albert	R. L. Polk & Co.
	OBrien Geo A lab	R. L. Polk & Co.
	Pender Martin	R. L. Polk & Co.
	Rooney Jno J lab	R. L. Polk & Co.
	Rust Fredk waiter	R. L. Polk & Co.
	Steel Wm clk	R. L. Polk & Co.
	Tully Jno J carp	R. L. Polk & Co.

FINDINGS

West 53rd Street

520 West 53rd Street

Year	*Uses*	*Source*
1931	Clowe Edw J	Manhattan and Bronx Directory Publishing Company Residential Directory
	Clowe Sarah	Manhattan and Bronx Directory Publishing Company Residential Directory
	Downey John	Manhattan and Bronx Directory Publishing Company Residential Directory
	Morton Frank	Manhattan and Bronx Directory Publishing Company Residential Directory
	Weaver Ella	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Irwin Julia Mrs r	New York Telephone
1920	Curran Wm lab	R. L. Polk & Co.
	Hasse Hy pianowkr	R. L. Polk & Co.
	ORourke Patk lab	R. L. Polk & Co.
	Petzke Richd	R. L. Polk & Co.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

10TH AVE

811 10TH AVE

Year	Uses	Source
2012	MERLIN SECURITIES	Cole Information Services
	AT&T	Cole Information Services
	AUTHENTIDATE INC	Cole Information Services
	WESTERN MUTUAL	Cole Information Services
	QOOLOCM INC	Cole Information Services
	SAIWON TTS LTD	Cole Information Services
	ODDCAST	Cole Information Services
	DOUBLELINE CAPITAL LP	Cole Information Services
	LOUIS VUITTON NA	Cole Information Services
	IBM DUN & BRADSTREET	Cole Information Services
	ELLIOT MANAGEMENT	Cole Information Services
	TISHMAN SPEYER	Cole Information Services
	ARSENAL DIGITAL SOLUTIONS	Cole Information Services
	ADEPTRA	Cole Information Services
	A PLUS LOCKSMITH	Cole Information Services
	I P SOFT INC	Cole Information Services
	AT & T NEW YORK CITY	Cole Information Services
2007	TRADE SETTLEMENT LQC	Cole Information Services
	24 HR LOCKSMITH	Cole Information Services
	A T T	Cole Information Services
	ANISOFT CORP	Cole Information Services

10th Avenue

811 10th Avenue

Year	Uses	Source
2006	A B Watley Group LLC	Hill-Donnelly Information Services
	Adeptra	Hill-Donnelly Information Services
	Aherm & Holtzmnan	Hill-Donnelly Information Services
	Anisoft Corp	Hill-Donnelly Information Services
	Authentidate Inc	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2006	Duncan Industries Corp	Hill-Donnelly Information Services
	FFF Enterprises	Hill-Donnelly Information Services
	I P Soft Inc	Hill-Donnelly Information Services
	Loanet Inc	Hill-Donnelly Information Services
	Merlin Securities F	Hill-Donnelly Information Services
	Michael Mazeo Electric Corp	Hill-Donnelly Information Services
	Pricelinecom 1is	Hill-Donnelly Information Services
	Saiwon i TS LTD o	Hill-Donnelly Information Services
	Trade Settlement Inc	Hill-Donnelly Information Services
	Tunica Biloxi Tribe Of La	Hill-Donnelly Information Services
	Tunica Biloxi Tribe Of La	Hill-Donnelly Information Services
	Tunica Biloxi Tribe Of La	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	24 HourLocksmith is	Hill-Donnelly Information Services
	Oddcast	Hill-Donnelly Information Services
1998	PORTLAND PUMP CO	NYNEX Telephone
	PAGE AMERICA CORP	NYNEX Telephone
	MASTERCARD	NYNEX Telephone
	LOCAL AREA TELECOMMUNICATIONS INC	NYNEX Telephone
1993	PAGEAMERICA CORP	NYNEX Telephone
	LOCAL AREA TELECOMMUNICATIONS INC	NYNEX Telephone
	A T & T NETWORK SYSTEAMS	NYNEX Telephone
1988	HELLMER & MEDVED CONSULTING ENGINEERS INC	NYNEX Telephone
	A T & T CENTRAL OFFICE	NYNEX Telephone
	ATTIS VOICE	NYNEX Telephone
	SERVICE AMERICA	NYNEX Telephone
1983	SAGA FOOD SVCE	New York Telephone
	Saga Food Svce	New York Telephone
1963	KELLY JOHN B INC NY CONST OFC	New York Telephone
1958	KIVIETTE ARTHUR L	New York Telephone
1956	DOUGHERTY DOROTHY	New York Telephone
1920	Pfeiffer Geo	R. L. Polk & Co.
	Horowitz & Ferman Meyer Horowitz Julius Ferman dry gds	R. L. Polk & Co.
	Talamo Jos Valastro & Talamo	R. L. Polk & Co.

FINDINGS

11TH AVE

770 11TH AVE

Year	Uses	Source
2012	SBF CONSTRUCTION	Cole Information Services
	TWO TREES MANAGEMENT CO	Cole Information Services
	CLINTON PARK DEVELOPMENT	Cole Information Services
	J T MAGEN & COMPANY	Cole Information Services

520 52ND W

520 52ND W

Year	Uses	Source
1920	Simons Bertha Mrs cook h rear	R. L. Polk & Co.

E 52ND ST

536 E 52ND ST

Year	Uses	Source
1983	Petz John F	New York Telephone

W 51ST ST

535 W 51ST ST

Year	Uses	Source
2012	CLINTON MANOR ASSOCIATES	Cole Information Services
	ONE WAY EXPRESS	Cole Information Services
2007	CLINTON & MANOR ASSOCIATES	Cole Information Services
	GISELLE RODRIGUEZ	Cole Information Services

W 52 ST

510 W 52 ST

Year	Uses	Source
1958	RICHARDSON FRANK D	New York Telephone
1927	HABERMAN AUTO REPAIRS INC	New York Telephone

511 W 52 ST

Year	Uses	Source
1978	YOUNG ANN E	New York Telephone
1931	MCILWAIN OWEN E	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

Year	Uses	Source
1927	MCCRAVE JOHN JR R	New York Telephone
	BAUMANN F TRCKG & LIVRY	New York Telephone

513 W 52 ST

Year	Uses	Source
1927	PALMER B IRON WKS	New York Telephone

514 W 52 ST

Year	Uses	Source
1973	MCDOWELL VERA	New York Telephone
1968	AUSTIN WM	New York Telephone

518 W 52 ST

Year	Uses	Source
1958	STYLEWISE MILLS INC	New York Telephone
1956	WASHINGTON ODELL MRS	New York Telephone
1927	DAY H B CO HOTEL SUPP	New York Telephone

519 W 52 ST

Year	Uses	Source
1927	FUSTOLO JOSEPH R	New York Telephone
	LIVET MARGUERITE MRS R	New York Telephone
	HOLDAPHONE INC	New York Telephone

521 W 52 ST

Year	Uses	Source
1931	BROESLER AUGUSTA	Manhattan and Bronx Directory Publishing Company Residential Directory

522 W 52 ST

Year	Uses	Source
1983	TILLEY M	New York Telephone
1978	LENOBLE LUMBER CO INC	New York Telephone
1973	LEN0LE LUMBER CO INC	New York Telephone
1968	LE NOLE LUMBR CO INC	New York Telephone
1956	WEST SIDE TOBACCO & CONFCTRY CORP	New York Telephone
	WEST CIGAR MFG CORP OFC	New York Telephone
1950	WEST SIDE TOBACCO & CONFCTRY CORP	New York Telephone
	WEST CIGAR MFG CORP OFC	New York Telephone

FINDINGS

Year	Uses	Source
1947	WEST SIDE TOBACCO & CONFCTRY CORP	New York Telephone
1942	RABINOWITZ BROS TOB CONFCTRY	New York Telephone
1938	RABINOWITZ BROS TOB CONFCTRY	New York Telephone
1931	CLARKIN JAS	Manhattan and Bronx Directory Publishing Company Residential Directory
	HANNON DANL J POLICE	Manhattan and Bronx Directory Publishing Company Residential Directory
	HANNON EDW	Manhattan and Bronx Directory Publishing Company Residential Directory
	ST JOHN JAS	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	MACBRIDE DONALD R	New York Telephone
	CORCORAN JOHN J R	New York Telephone

524 W 52 ST

Year	Uses	Source
1973	COLUMBIA BROADCASTING SYSTM INC	New York Telephone
1968	TEITELBAUM BEN B	New York Telephone
1963	MAR-LYN IMPRTS INC	New York Telephone
	MABKOVITS JOS ING ARTFCL FLWRS	New York Telephone
	SYK-TEX FABRIC CO CNVRTRS	New York Telephone
1958	LIPSCOMB GARY	New York Telephone
	MARKOVITS JOS INC ARTFCL FLWRS	New York Telephone
1956	MARKOVITS JOS INC ARTFCL FLWRS	New York Telephone

529 W 52 ST

Year	Uses	Source
1931	HART EDW AUTO ENGR	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	FARREL LOUISE MRS R	New York Telephone

531 W 52 ST

Year	Uses	Source
1927	STEBBINS HENRY J R	New York Telephone

533 W 52 ST

Year	Uses	Source
1973	GREENWICH VILLAGE FISH CO	New York Telephone
	VICTOR FISH CO	New York Telephone
1968	EAST COAST SPRAYING CO	New York Telephone

FINDINGS

Year	Uses	Source
1963	EAST COAST SPRAYING CO	New York Telephone
1956	EAST COAST SPRAYING CO	New York Telephone
1950	EAST COAST SPRAYING CO	New York Telephone
1947	EAST COAST SPRAYING CO	New York Telephone
1942	EAST COAST SPRAY STUDIO	New York Telephone
1927	PUBLIC IRON WORKS	New York Telephone

535 W 52 ST

Year	Uses	Source
1998	MCKINNEY WELDING SUPPLY	NYNEX Telephone
	MCKINNEY WELDING SUPL CO INC	NYNEX Telephone
	MCKINNEY WELDING SUPL CO INC	NYNEX Telephone
1993	MCKINNEY WELDING SUPL CO INC	NYNEX Telephone
	MCKINNEY WELDING SUPL CO INC	NYNEX Telephone
1988	4M WELDING SUPL CORP	NYNEX Telephone
	MCKINNEY WELDING SUPL CO INC	NYNEX Telephone
1983	4M WELDING SUPL CORP	New York Telephone
	MCKINNEY WELDING SUPL CO INC	New York Telephone
	MCKINNEY WELDING SUPL CO INC	New York Telephone
1978	MC KINNEY WELDING SUPL CO INC	New York Telephone
	MC KINNEY WELDING SUPL CO INC	New York Telephone
	4M WELDING SUPL CORP	New York Telephone
1973	MCKINNEY WELDING SUPL CO INC	New York Telephone
	MCKINNEY WELDING SUPL CO INC	New York Telephone
1968	MC KINNEY WELDING SUPL CO INC	New York Telephone
1963	MCKINNEY WELDING SUPL CO	New York Telephone
1958	MCKINNEY WELDING SUPL CO	New York Telephone
1956	MCKINNEY WELDING SUPL CO	New York Telephone
1950	MCKINNEY WELDING SUPL CO	New York Telephone
	TERRY CONST CO	New York Telephone
1947	MCKINNEY WELDING SUPL CO	New York Telephone
	TERRY CONST CO	New York Telephone
1942	FRANK S FORD SVCE	New York Telephone
	RIZZO FRANK REPRS	New York Telephone
1938	WHEEL SVCE & SALES CO	New York Telephone
1931	MOORE CATH	Manhattan and Bronx Directory Publishing Company Residential Directory
	MILLER CARRIE J	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

Year	Uses	Source
1931	LACIRIGNOLA VITO	Manhattan and Bronx Directory Publishing Company Residential Directory
	LACIRIGNOLA AMELIA	Manhattan and Bronx Directory Publishing Company Residential Directory
	JORGENSON EUGENE	Manhattan and Bronx Directory Publishing Company Residential Directory
	GEBHARDT GUS	Manhattan and Bronx Directory Publishing Company Residential Directory
	DOYLE JOHN	Manhattan and Bronx Directory Publishing Company Residential Directory
	MOORE JOHN	Manhattan and Bronx Directory Publishing Company Residential Directory
	RYAN MARY	Manhattan and Bronx Directory Publishing Company Residential Directory
	SHERIDAN WM	Manhattan and Bronx Directory Publishing Company Residential Directory

537 W 52 ST

Year	Uses	Source
1978	V & M AUTO REPR	New York Telephone
	V & M AUTO REPR	New York Telephone
1973	V & M AUTO REPR	New York Telephone
	V & M AUTO REPR	New York Telephone
1968	V&M AUTO REPR	New York Telephone
	V&M AUTO REPR	New York Telephone
1963	V & M AUTO REPR	New York Telephone
1942	TERRY CONST CO	New York Telephone
	HANNON JAS A AUTO REPR	New York Telephone
1938	HANNON JAS A AUTO REPR	New York Telephone
	TERRY CONST CO	New York Telephone
1931	CAMPBELL MARY	Manhattan and Bronx Directory Publishing Company Residential Directory
	CONNELLY MICHL	Manhattan and Bronx Directory Publishing Company Residential Directory
	COTTIERS ELLA	Manhattan and Bronx Directory Publishing Company Residential Directory
	COTTIERS WM	Manhattan and Bronx Directory Publishing Company Residential Directory
	DAVID MARY	Manhattan and Bronx Directory Publishing Company Residential Directory
	DAWYOT ALF LAB	Manhattan and Bronx Directory Publishing Company Residential Directory
	GANNON MARY	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

Year	Uses	Source
1931	MANNING CATH	Manhattan and Bronx Directory Publishing Company Residential Directory
	MANNING THOS J	Manhattan and Bronx Directory Publishing Company Residential Directory
	MCDONALD CHAS	Manhattan and Bronx Directory Publishing Company Residential Directory
	WOLF JAS	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	DEMPSEY JAS J TRUCKMAN	New York Telephone

539 W 52 ST

Year	Uses	Source
1998	A TOWING	NYNEX Telephone
	LOCKSMITH	NYNEX Telephone
	LOCKSMITH EMERGENCY	NYNEX Telephone
	LOCKSMITH 24 HR	NYNEX Telephone
	PLUMBING 24 HR	NYNEX Telephone
	TOWING	NYNEX Telephone
	TOWING EMERGENCY	NYNEX Telephone
	TOWING AND REPAIR	NYNEX Telephone
	TOWING SERVICE	NYNEX Telephone
	TOWING 24 HR	NYNEX Telephone
1993	ARMSTRONG FOREIGN & DOMESTIC ENGINE CORP	NYNEX Telephone
1988	ARMSTRONG FOREIGN AND DORNESTIC CORP	NYNEX Telephone
1983	ARMSTRONG FOREIGN AND DOMESTIC ENGINE CORP	New York Telephone
1978	ARMSTRONG AUTO ENGINE CORP	New York Telephone
1973	MAY WM M CO METL WKS	New York Telephone
1968	MAY WM M CO METL WKS	New York Telephone
1963	MACHINE & MOTOR CO INC	New York Telephone
	EERGNCY CALLS	New York Telephone
1958	MACHINE & MOTOR CO INC	New York Telephone
	MAY WM M CO METL WKS	New York Telephone
1956	MACHINE & MOTOR CO INC	New York Telephone
	MAY WM M CO METL WKS	New York Telephone
1950	MACHINE & MOTOR CO INC	New York Telephone
	MAY WM M CO METL WKS	New York Telephone
1947	MACHINE & MOTOR CO INC	New York Telephone
	MAY WM M CO METL WKS	New York Telephone

FINDINGS

Year	Uses	Source
1942	MACHINE & MOTOR CO INC	New York Telephone
	MAY WM M CO METL WKS	New York Telephone
	NEUF GEO ELECTRCN	New York Telephone
1938	AMER SMNOKE & SOOT WASHER CO INC	New York Telephone
	BRUCHER CHAS W INC MFRS	New York Telephone
	MACHINE & MOTOR REPR CO	New York Telephone
	MAY WM M CO SHT MTL WKS	New York Telephone
	NEUF GEO ELECTRCN	New York Telephone
1927	WICK ROBT LUMBER CO OFF	New York Telephone
	DIANA ICE CREAM CORP	New York Telephone
	REINHARD GEO P WOOD WORK FACTORY	New York Telephone

540 W 52 ST

Year	Uses	Source
1988	ANDREW COLBERT	NYNEX Telephone
	BATTS JAMES	NYNEX Telephone
	BAUMAN ROBERT	NYNEX Telephone
	BOSWELL G	NYNEX Telephone
	BUISA CARLOS	NYNEX Telephone
	CASIANO ROSA	NYNEX Telephone
	CHAVEZ R	NYNEX Telephone
	COLLADO M	NYNEX Telephone
	COLLIER C	NYNEX Telephone
	COOPER J F	NYNEX Telephone
	DIAZ EUGENIA	NYNEX Telephone
	ESBINAL ANA	NYNEX Telephone
	EVANS M	NYNEX Telephone
	FLORES JOSE M	NYNEX Telephone
	FONSECA C	NYNEX Telephone
	FRANCE THEODORE	NYNEX Telephone
	GARCIA LYDIA	NYNEX Telephone
	GUZMAN JOSE	NYNEX Telephone
	GUZMAN JUAN	NYNEX Telephone
	JOHNSON M	NYNEX Telephone
	KEM EDITING SYSTEMS INC	NYNEX Telephone
	KJAER-BELLAMY JEANNE	NYNEX Telephone
	LEACH KATIE	NYNEX Telephone
	LEWIS ANGELA	NYNEX Telephone

FINDINGS

Year	Uses	Source
1988	LONG MARTHA	NYNEX Telephone
	LUJAN JOSE	NYNEX Telephone
	MALDONADO D	NYNEX Telephone
	MARIN ORLANDO	NYNEX Telephone
	MEDOVAR YAAKOV	NYNEX Telephone
	MODIANO ROBERT	NYNEX Telephone
	MORALES RODOLUFO	NYNEX Telephone
	MOTA JORGE MIGUEL	NYNEX Telephone
	M0 UNTAUREDES TASSIE	NYNEX Telephone
	MYRIE PAUL	NYNEX Telephone
	NEAL VIVIAN	NYNEX Telephone
	NIN MARIA	NYNEX Telephone
	OLVERA ARTURA	NYNEX Telephone
	PAUCKU HILDA V	NYNEX Telephone
	RIVERA M	NYNEX Telephone
	RONAN R	NYNEX Telephone
	SANTIAGO CARMEN	NYNEX Telephone
	THOTTUVELIL JOSEPH THOMAS	NYNEX Telephone
	TORRES FLORA	NYNEX Telephone
	TYLER SHARON	NYNEX Telephone
	VARGAS CARMEN	NYNEX Telephone
	VILLAMAR LUIS	NYNEX Telephone
	WILLIAMS ERNESTINE MRS	NYNEX Telephone
1983	HARRIS YVONNE LILIAN	New York Telephone
	IZQUIERDO ROBERT	New York Telephone
	JOHNSON M	New York Telephone
	LEWIS A	New York Telephone
	LONG MARTHA	New York Telephone
	LUJAN JOSE	New York Telephone
	MALDONADO D	New York Telephone
	MARIN ORLANDO	New York Telephone
	MCCRAY M	New York Telephone
	MEDOVAR YAAKOV	New York Telephone
	MODIANO ROBERT	New York Telephone
	MOLINA SEE ALSO MALINA MOLINA A	New York Telephone
	MONTALVAN RAUL	New York Telephone
	MONTGOMERY KENNETH	New York Telephone
	MORENO VICTOR	New York Telephone

FINDINGS

Year	Uses	Source
1983	MYRIE PAUL	New York Telephone
	NEAL VIVIAN	New York Telephone
	NIETO GLADYS	New York Telephone
	NOGUERAS CARMELA	New York Telephone
	OLIVER GWEN	New York Telephone
	PAUCKU HILDA V	New York Telephone
	REYES FELIX	New York Telephone
	RONAN R	New York Telephone
	SANTANA ARLENE	New York Telephone
	THOTTUVELIL JOSEPH THOMAS	New York Telephone
	TUCKER RALPH	New York Telephone
	TYLER SHARON	New York Telephone
	VALERE LUCIENNE	New York Telephone
	VELEZ PRIMITIVA	New York Telephone
	VILLAMAR ARGENTINA	New York Telephone
	WIGGINS POLITT	New York Telephone
	WILLIAMS ERNESTINE MRS	New York Telephone
	ANDREW COLBERT	New York Telephone
	BATTS JAMES	New York Telephone
	BELL C L	New York Telephone
	BERLONGA F	New York Telephone
	BUISA CARLOS	New York Telephone
	CENTENO ERNESTINE	New York Telephone
	CHAVEZ R	New York Telephone
	COLLADO M	New York Telephone
	COOPER J F	New York Telephone
	DAVIS E S	New York Telephone
	DELGADO M	New York Telephone
	DIAZ EUGENIA	New York Telephone
	DOMINGUEZ BERNARDA	New York Telephone
	EVANS G	New York Telephone
	FELIX JULIO	New York Telephone
	FONSECA C	New York Telephone
	GARCIA LYDIA	New York Telephone
	GOMEZ ALBIS	New York Telephone
	GOODWIN MARY	New York Telephone
	GREEN SANDRA	New York Telephone
	GUZMAN JOSE	New York Telephone

FINDINGS

541 W 52 ST

Year	Uses	Source
1973	LC IRON WORKS	New York Telephone
1968	LC IRON WKS	New York Telephone
1963	DELANGTON LTD	New York Telephone
1958	V & M AUTO REPR	New York Telephone
1956	V & M AUTO REPR	New York Telephone
	BERNIE S AUTO BODY WKS	New York Telephone
1947	RUDLEY S STORES	New York Telephone
1942	RUDLEY S STORES	New York Telephone
	RUDLEY S STORES	New York Telephone

W 52L

535 W 52L

Year	Uses	Source
1988	KRSULIC LJIJANA	NYNEX Telephone

W 52ND

510 W 52ND

Year	Uses	Source
1927	Haberman Auto Repairs Inc	New York Telephone
1920	Riverside Ice Co Inc N Y Harry Bailey pres treas Oscar J Dennis v p Wm Bates sec	R. L. Polk & Co.

511 W 52ND

Year	Uses	Source
1931	Mc Ilwain Owen E	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Mc Crave John Jr r	New York Telephone
	Baumann F trckg & livry	New York Telephone
1923	Baumann Fredk trucking	R. L. Polk & Co.
	Shortmeier C Sign Mfg Co TN Chas Shortmeier jr	R. L. Polk & Co.
	Houghton Albert B A B & G G Houghton	R. L. Polk & Co.
	Baumann F W Huth & Co h W Orange NJ	R. L. Polk & Co.
1920	McCrave Jno J & Son Jno J & Thos C truckmn	R. L. Polk & Co.
	Reich Otto driver	R. L. Polk & Co.

FINDINGS

512 W 52ND

Year	Uses	Source
1920	Chatfield Edw F sec Chatfields Auto Supply Inc	R. L. Polk & Co.

513 W 52ND

Year	Uses	Source
1927	Palmer B iron wks	New York Telephone
1923	Balich Matthew Co RTN Matthew Balich pipe coverings	R. L. Polk & Co.
	Baliff Abr Shelbourne Cafeteria h Bkn	R. L. Polk & Co.
	Balich Matthew Balich Matthew Co	R. L. Polk & Co.
1920	Roberts Edw	R. L. Polk & Co.
	Balich Matthew Co RTN Matthew Balich pipe coverings	R. L. Polk & Co.
	Dolan Arth	R. L. Polk & Co.
	Hughes Michl driver	R. L. Polk & Co.
	Manning Thos J	R. L. Polk & Co.
	Pateman Louis	R. L. Polk & Co.
	Balich Matthew Matthew Ballch Co	R. L. Polk & Co.

514 W 52ND

Year	Uses	Source
1923	Shon Arth J	R. L. Polk & Co.
1920	Brophy Jno clk	R. L. Polk & Co.
	OReilly Hugh	R. L. Polk & Co.
	OReilly Jno	R. L. Polk & Co.
	Shaw Arth J hdw	R. L. Polk & Co.

515 W 52ND

Year	Uses	Source
1923	Greenberg I W glass	R. L. Polk & Co.
1920	Califano Otto	R. L. Polk & Co.
	Conway Patk cond	R. L. Polk & Co.
	Gardner Wm	R. L. Polk & Co.
	Grady Michl	R. L. Polk & Co.
	Horn Wm	R. L. Polk & Co.
	Kirchmeyer Martin Automobile Metal Body Wks	R. L. Polk & Co.
	Madden Jas plmbr	R. L. Polk & Co.
	Mawhinney Robt	R. L. Polk & Co.
	Mihell Thos	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1920	OConnor Michl	R. L. Polk & Co.
	White Saml	R. L. Polk & Co.

516 W 52ND

Year	Uses	Source
1920	Arnold Chas J cook	R. L. Polk & Co.
	Donnelly Thos M	R. L. Polk & Co.
	Hayden Wm porter	R. L. Polk & Co.
	Wohlferd Geo	R. L. Polk & Co.
	OConnell Edw chauf	R. L. Polk & Co.
	Robson Geo	R. L. Polk & Co.
	Robson Geo F br mgr Russell L Engs Inc h Edgewater NJ	R. L. Polk & Co.
	Monahan Jno driver	R. L. Polk & Co.

517 W 52ND

Year	Uses	Source
1923	Contractors Glass Co Inc NY Irving W Greenberg pres	R. L. Polk & Co.
	Greenberg Irving W pres Contractors Glass Co	R. L. Polk & Co.
1920	Liberty Auto Trimmings C Painting Co RTN Morris Pollakoff Benj Radin	R. L. Polk & Co.
	Karpowitch Jos	R. L. Polk & Co.

518 W 52ND

Year	Uses	Source
1927	Day H B Co hotel supp	New York Telephone
1923	Day H B Co N Y H B Day pres Bernard Egan sec pickles	R. L. Polk & Co.
	Day H B pres H B Day Co	R. L. Polk & Co.
1920	Day Horace B pres H B Day Co	R. L. Polk & Co.
	Day H B Co NY Horace B Day pres Bernard F Egan sec olives	R. L. Polk & Co.

519 W 52ND

Year	Uses	Source
1927	Fustolo Joseph r	New York Telephone
	Holdaphone Inc	New York Telephone
	Livet Marguerite Mrs r	New York Telephone
1923	Republic Auto Repair & Painting Co Inc	R. L. Polk & Co.
1920	Cersky Alice	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1920	Fee Jno clk	R. L. Polk & Co.
	Fustolo Jno J	R. L. Polk & Co.
	Gersky Frances wid Steph	R. L. Polk & Co.
	Kenney Jas lab	R. L. Polk & Co.
	Larkin Agnes L wid Richd	R. L. Polk & Co.
	Levitt Louis plater	R. L. Polk & Co.
	McGowan Jno C	R. L. Polk & Co.
	MacDonald Roderick J toofmkr	R. L. Polk & Co.
	MacDonald Rodzer A clk E R R r Midland pk NJ	R. L. Polk & Co.
	Quinn Albert	R. L. Polk & Co.
	Quinn Jos	R. L. Polk & Co.
	Reen Danl	R. L. Polk & Co.
	Richman August driver	R. L. Polk & Co.
	Shannon Thos lab	R. L. Polk & Co.
	Shore Jno J lab	R. L. Polk & Co.
	Wehrle Fredk F hlpR	R. L. Polk & Co.
	Winkel Josephine checker R L Polk & Co Inc	R. L. Polk & Co.
	Winter Jno F boat capt	R. L. Polk & Co.

521 W 52ND

Year	Uses	Source
1931	Broesler Augusta	Manhattan and Bronx Directory Publishing Company Residential Directory
1920	Brassel Wm clk	R. L. Polk & Co.
	Stein Geo	R. L. Polk & Co.
	Palmer Jno electn	R. L. Polk & Co.

522 W 52ND

Year	Uses	Source
1934	Rabinowitz Bros TN Julius & Moe Rabinowitz cigars and tob whol	R. L. Polk & Co.
1931	Clarkin Jas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Hannon Danl J police	Manhattan and Bronx Directory Publishing Company Residential Directory
	Hannon Edw	Manhattan and Bronx Directory Publishing Company Residential Directory
	Saint Erne Phil	Manhattan and Bronx Directory Publishing Company Residential Directory
	St John Jas	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

Year	Uses	Source
1927	Corcoran John J r	New York Telephone
	Mac Bride Donald r	New York Telephone
1920	Rosengren Sidney clk	R. L. Polk & Co.
	Thompson Chas clk	R. L. Polk & Co.
	Thompson Chas clk Erie R R h Goshen NY	R. L. Polk & Co.
	Thompson Christopher stoker F D	R. L. Polk & Co.
	Thompson Jos clk	R. L. Polk & Co.
	Mullaney Denis stoker Dept P & S	R. L. Polk & Co.
	Manning Thos E Marine Repair & Supply CO	R. L. Polk & Co.
	McGuire Jas J plmbr	R. L. Polk & Co.
	Gallagher Anthony	R. L. Polk & Co.
	Emerald Apts	R. L. Polk & Co.
	Clarkin Jas	R. L. Polk & Co.
	Rosengren Carl stitcher	R. L. Polk & Co.
	Rosengren Harry	R. L. Polk & Co.

527 W 52ND

Year	Uses	Source
1920	Nelson Peter	R. L. Polk & Co.
	Hayes Wm	R. L. Polk & Co.
	Hayes David eng	R. L. Polk & Co.
	Fox Wm elev opr	R. L. Polk & Co.
	Fox Edw	R. L. Polk & Co.
	Cox W	R. L. Polk & Co.
	Foley Wm	R. L. Polk & Co.

528 W 52ND

Year	Uses	Source
1934	Schultheis A sec Interborough News Co	R. L. Polk & Co.

529 W 52ND

Year	Uses	Source
1931	Hart Edw auto engr	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Farrel Louise Mrs r	New York Telephone
1923	Exashou Geo plmbrs	R. L. Polk & Co.
1920	Meckel Gustave V music	R. L. Polk & Co.
	Nasio Geo brakemn	R. L. Polk & Co.
	Patterson Wm	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1920	Thomas Chas jr clk	R. L. Polk & Co.
	Thomas Chas lab	R. L. Polk & Co.
	Perrault Alice Mrs	R. L. Polk & Co.
	Howard Nellie Mrs	R. L. Polk & Co.
	Hart Katherine Mrs	R. L. Polk & Co.
	Hart Edw chauf	R. L. Polk & Co.
	Halpin Jas lab	R. L. Polk & Co.
	Galvin Thos lab	R. L. Polk & Co.
	Exarhou Geo	R. L. Polk & Co.
	Dewald Kate Mrs	R. L. Polk & Co.
	Antoncic Tony	R. L. Polk & Co.
	Anderson Anna wid C A	R. L. Polk & Co.
	Adams Wm	R. L. Polk & Co.

531 W 52ND

Year	Uses	Source
1934	Comora Chas Brilliant Carpet Cleaning Co	R. L. Polk & Co.
1927	Stebbins Henry J r	New York Telephone
1920	Bertie Jas	R. L. Polk & Co.
	Stebbins Hy J	R. L. Polk & Co.
	Delvin Jos A	R. L. Polk & Co.
	Fitzgerald Jas	R. L. Polk & Co.
	Nolan Jos M	R. L. Polk & Co.
	OBrien Jas F lab	R. L. Polk & Co.

533 W 52ND

Year	Uses	Source
1934	Kane Bros Co Inc NY cap $ 10 000 Jas P Kane pres Thos J Kane sec treas auto access	R. L. Polk & Co.
	K B Distributing Co RTN Thos J Kane auto parts	R. L. Polk & Co.
1927	Public Iron Works	New York Telephone
1923	New York Auto Upholstering RTN Jno Abraham uphol	R. L. Polk & Co.
1920	Americolite Co RTN Richd M Beard	R. L. Polk & Co.
	Stengle Hy	R. L. Polk & Co.
	Flynn Garrett	R. L. Polk & Co.

FINDINGS

535 W 52ND

Year	Uses	Source
1931	Doyle John	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gebhardt Gus	Manhattan and Bronx Directory Publishing Company Residential Directory
	Jorgenson Eugene	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lacirignola Amelia	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lacirignola Vito	Manhattan and Bronx Directory Publishing Company Residential Directory
	Miller Carrie J	Manhattan and Bronx Directory Publishing Company Residential Directory
	Moore Cath	Manhattan and Bronx Directory Publishing Company Residential Directory
	Moore John	Manhattan and Bronx Directory Publishing Company Residential Directory
	Ryan Mary	Manhattan and Bronx Directory Publishing Company Residential Directory
	Sheridan Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
1920	Gaghano Louis mach	R. L. Polk & Co.
	Gooding Willial A lab	R. L. Polk & Co.
	Gooding Wm electn	R. L. Polk & Co.
	Lacirignols Vito	R. L. Polk & Co.
	Mohnkern Chas driver	R. L. Polk & Co.
	Mohnkern Jos clk	R. L. Polk & Co.
	Mohns Harold pres N Y Flag & Banner Co h W New York NJ	R. L. Polk & Co.
	Morris Bernard clk	R. L. Polk & Co.
	Rooney Mary Mrs	R. L. Polk & Co.
	Stivala Ambrose	R. L. Polk & Co.

537 W 52ND

Year	Uses	Source
1931	Campbell Mary	Manhattan and Bronx Directory Publishing Company Residential Directory
	Connelly Michl	Manhattan and Bronx Directory Publishing Company Residential Directory
	Cottiers Ella	Manhattan and Bronx Directory Publishing Company Residential Directory
	Cottiers Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
	David Mary	Manhattan and Bronx Directory Publishing Company Residential Directory

Year	Uses	Source
1931	Dawyot Alf lab	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gannon Mary	Manhattan and Bronx Directory Publishing Company Residential Directory
	Manning Cath	Manhattan and Bronx Directory Publishing Company Residential Directory
	Manning Thos J	Manhattan and Bronx Directory Publishing Company Residential Directory
	Mc Donald Chas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Wolf Jas	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Dempsey Jas J truckman	New York Telephone
1920	Barry Wm J	R. L. Polk & Co.
	Buckley Jno	R. L. Polk & Co.
	Siehle Jos	R. L. Polk & Co.

539 W 52ND

Year	Uses	Source
1934	Brucher Chas W Inc NY cap $2 000 Henry R May pres Maria L May sec Wm F May treas mfrs	R. L. Polk & Co.
	Machina & Motor Repair Co RTN Geo Neuf elec contrs	R. L. Polk & Co.
	May Wm M Co cap $5 000 Henry R May pres Wm F May v pres sec M L May treas sheet metal workers	R. L. Polk & Co.
1927	Diana Ice Cream Corp	New York Telephone
	Reinhard Geo P wood work factory	New York Telephone
	Wick Robt Lumber Co off	New York Telephone
1923	Mackay Jno G carp	R. L. Polk & Co.
1920	Lignum Carpenter Wks RTN Jno G Mackay	R. L. Polk & Co.

540 W 52ND

Year	Uses	Source
1923	Lax Emanuel sec treas Y & L Auto Repairing Co Inc	R. L. Polk & Co.
	American Auto Pining & Trimming Co RTN David Stoloff	R. L. Polk & Co.
	Bennett Avenne Realty Co Inc N Y Mary A Monulty pres Thos OConnell sec Pg Moore jr treas	R. L. Polk & Co.

FINDINGS

541 W 52ND

Year	Uses	Source
1923	Capps Clarence W forwders	R. L. Polk & Co.
1920	Sheeder Lillian sec treas Baumeister Piano Co	R. L. Polk & Co.
	Victor Welding Works RTN Otto Malinka	R. L. Polk & Co.
	Purcell Jos	R. L. Polk & Co.

W 52ND H CARLSTADT NJ

539 W 52ND H CARLSTADT NJ

Year	Uses	Source
1920	Wick Jos E contr	R. L. Polk & Co.

W 52ND H DO

515 W 52ND H DO

Year	Uses	Source
1920	Dacchilli Jos coal	R. L. Polk & Co.

527 W 52ND H DO

Year	Uses	Source
1920	Muller Oscar C designer	R. L. Polk & Co.

535 W 52ND H DO

Year	Uses	Source
1920	Miller Hugh C gro	R. L. Polk & Co.

W 52ND H LI

518 W 52ND H LI

Year	Uses	Source
1920	Egan Bernard F sec H B Day Co	R. L. Polk & Co.

W 52ND ST

510 W 52ND ST

Year	Uses	Source
2012	PALACE VALET CLEANERS INC	Cole Information Services
	ARDESIA WINE BAR	Cole Information Services
	DERMOT COMPANY THE	Cole Information Services
	GAMUT ARTIST INCORPORATED	Cole Information Services

Year	Uses	Source
2006	Difama Concrete Inc I	Hill-Donnelly Information Services

513 W 52ND ST

Year	Uses	Source
2006	515 518 520 521 523 No Current Listing	Hill-Donnelly Information Services

515 W 52ND ST

Year	Uses	Source
2012	PALACE VALET CLEANERS INC	Cole Information Services
	CELLAR FIFTY THREE WINE SPIRITS INCO	Cole Information Services
	LA BERGAMOTE	Cole Information Services
2007	BOVIS LEND LEASE	Cole Information Services

522 W 52ND ST

Year	Uses	Source
1983	Tilley M	New York Telephone

524 W 52ND ST

Year	Uses	Source
2006	No Current Listing	Hill-Donnelly Information Services
1983	CBS News Div	New York Telephone
	CBS News Div	New York Telephone

528 W 52ND ST

Year	Uses	Source
2006	529 534 No Current Listing	Hill-Donnelly Information Services

530 W 52ND ST

Year	Uses	Source
2000	C B S INC	Cole Information Services

535 W 52ND ST

Year	Uses	Source
2012	MC KINNEY WELDING SUPPLY CO INC	Cole Information Services
	4M WELDING SUPL CORP	Cole Information Services
2007	MCKINNEY WELDING SUPPLY	Cole Information Services
2006	Mckinney Welding Supply Co Inc	Hill-Donnelly Information Services
2000	MCKNNY WELD SPL	Cole Information Services
	MCKINNEY WELD SUPL	Cole Information Services
	MCKNNY WELD SPL	Cole Information Services

FINDINGS

Year	Uses	Source
1983	MCKINNEY WELDING SUPL CO INC	New York Telephone
	Sales	New York Telephone
	MCKINNEY WELDING SUPL CO INC	New York Telephone

539 W 52ND ST

Year	Uses	Source
1983	ARMSTRONG FOREIGN AND DOMESTIC ENGINE CORP	New York Telephone

540 W 52ND ST

Year	Uses	Source
2006	Multi Unit Address	Hill-Donnelly Information Services
	Number 10h Agosto M Av	Hill-Donnelly Information Services
	Number 5 M h Aizate Ania At o	Hill-Donnelly Information Services
	Arias Sonia v	Hill-Donnelly Information Services
	Number 2 H h Boseman 5 A	Hill-Donnelly Information Services
	h Boswell G At	Hill-Donnelly Information Services
	Buisa Carios s	Hill-Donnelly Information Services
	Campos Pablo	Hill-Donnelly Information Services
	Number LB h Chavez R	Hill-Donnelly Information Services
	h Collado Marcelina oi	Hill-Donnelly Information Services
	Number 7 H h Davis Francine At	Hill-Donnelly Information Services
	h De Morales t	Hill-Donnelly Information Services
	De La Cruz Ofelia	Hill-Donnelly Information Services
	Number 6 A h De Los Reyes Monica At	Hill-Donnelly Information Services
	h Deaza Dominga	Hill-Donnelly Information Services
	Number 6 L Del Risco Geraldo t	Hill-Donnelly Information Services
	Number 4 L h Delacruz Carmen V	Hill-Donnelly Information Services
	h Dominguez Bernarda	Hill-Donnelly Information Services
	Number 6 L h Dukore Lawrence Av	Hill-Donnelly Information Services
	Number 4D h Encamacion Carmen At o	Hill-Donnelly Information Services
	Number 2 C h Flores Octavia At	Hill-Donnelly Information Services
	Number 5 J h Fonseca C	Hill-Donnelly Information Services
	Number LA h Gonzalez Luis t	Hill-Donnelly Information Services
	Number 1 H h Guzman Luz At	Hill-Donnelly Information Services
	Number 1 N Hernandez Catalina A	Hill-Donnelly Information Services
	Number 6D Jack Loretta t7	Hill-Donnelly Information Services
	Number LH Lujan Jose A	Hill-Donnelly Information Services
	Number 28 h Macon Doris A	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2006	Number 7 C h Nieves Lydia A7	Hill-Donnelly Information Services
	Number 13 h Olevera Arturo At	Hill-Donnelly Information Services
	Number 4 P Orellana Lilia A	Hill-Donnelly Information Services
	Number 4 A h Otero Zonia	Hill-Donnelly Information Services
	Number 3 Eh Pagan Olga	Hill-Donnelly Information Services
	Number 4 F h Pantaleon ULillian A	Hill-Donnelly Information Services
	Park Sanghee	Hill-Donnelly Information Services
	Pena Eugenia t	Hill-Donnelly Information Services
	Number 5 N Pena Mercedes At	Hill-Donnelly Information Services
	Number 7 C h Rodriguez Francisca t	Hill-Donnelly Information Services
	Number 2D h Rodriguez Margie t	Hill-Donnelly Information Services
	Rotondi Antonio t	Hill-Donnelly Information Services
	Number 4 C h Sanchez Eduardo At	Hill-Donnelly Information Services
	Sanchez Nancy t	Hill-Donnelly Information Services
	Number 3 B h Santiago E A s	Hill-Donnelly Information Services
	Number 5 E h Santiago Ricardo	Hill-Donnelly Information Services
	Number 3 G Tineo Aradio	Hill-Donnelly Information Services
	Number 5 G h Vargas Carmen AV	Hill-Donnelly Information Services
	Vasquez M Av	Hill-Donnelly Information Services
	Vasquez Mildred	Hill-Donnelly Information Services
	Number 2 C Velez Nilda	Hill-Donnelly Information Services
	Number 2 K h Verdejo Demetno	Hill-Donnelly Information Services
	Verdejo Ernesto v	Hill-Donnelly Information Services
	Verdejo Ernesto v	Hill-Donnelly Information Services
	Number 3 C Vickers Robert A	Hill-Donnelly Information Services
	Number 38 h Villamar Luis	Hill-Donnelly Information Services
	Number 2 G Zambrano Angel	Hill-Donnelly Information Services
2000	1L JOSE LUJAN	Cole Information Services
	2P YAAKOV MEDOVAR	Cole Information Services
	LYDIA NIEVES	Cole Information Services
	7B MADA NIN	Cole Information Services
	KENTARO NISHIUMA	Cole Information Services
	ARTURO OLEVERA	Cole Information Services
	ZONIA OTERO	Cole Information Services
	REBECCA PEREZ	Cole Information Services
	YLARIA PINA	Cole Information Services
	NORMA I POLANCO	Cole Information Services
	1K NILDA RAMOS	Cole Information Services

FINDINGS

Year	Uses	Source
2000	2L MARILYN RIVERA	Cole Information Services
	RHONDA RONAN	Cole Information Services
	4C NANCY SANCHEZ	Cole Information Services
	ESTHER SANTIAGO	Cole Information Services
	RICARDO SANTIAGO	Cole Information Services
	RUBEN VACHET	Cole Information Services
	J VALENZUELA	Cole Information Services
	3K CARMEN VARGAS	Cole Information Services
	ROSEMARY VARGAS	Cole Information Services
	LUIS VILLAMAR	Cole Information Services
	5A ERNESTINE WILLIAMS	Cole Information Services
	2G ANGEL ZAMBRANO	Cole Information Services
	APARTMENTS	Cole Information Services
	2D JIMMY ACOSTA	Cole Information Services
	NASIR AFAQ	Cole Information Services
	APARTMENTS	Cole Information Services
	CARLOS ALVARADO	Cole Information Services
	1A COLBERT ANDREW	Cole Information Services
	7K CHERYL BAYNARD	Cole Information Services
	2H S BOSEMAN	Cole Information Services
	G BOSWELL	Cole Information Services
	6G CARLOS BUISA	Cole Information Services
	LE R CALDONA	Cole Information Services
	RAFAEL CALDONA	Cole Information Services
	R CHAVEZ	Cole Information Services
	DAVID DAVALOS	Cole Information Services
	7H FRANCINE DAVIS	Cole Information Services
	MONICA DE LOS	Cole Information Services
	MONICA DE LOS	Cole Information Services
	BRENDA DIAZ	Cole Information Services
	5N EUGENIA DIAZ	Cole Information Services
	BEMARDA DOMINGUEZ	Cole Information Services
	6L LAWRENCE DUKORE	Cole Information Services
	4D H ENCARNACION	Cole Information Services
	4G MADELYN ESPINAL	Cole Information Services
	F J FERNANDEZ	Cole Information Services
	6B OCTAVIA FLORES	Cole Information Services
	C FONSECA	Cole Information Services

FINDINGS

Year	Uses	Source
2000	5J C FONSECA	Cole Information Services
	4N M GONZALEZ	Cole Information Services
	G GRANADOS	Cole Information Services
	JOSE GUZMAN	Cole Information Services
	124 CATALINA HERNANDEZ	Cole Information Services
	J KANTOR	Cole Information Services
	4J ALBERTO LA COTERA	Cole Information Services
	LOURDES LA COTERA	Cole Information Services
1983	Dominguez Bernarda	New York Telephone
	Evans G	New York Telephone
	Felix Julio	New York Telephone
	Fonseca C	New York Telephone
	Garcia Lydia	New York Telephone
	Gomez Albis	New York Telephone
	Goodwin Mary	New York Telephone
	Green Sandra	New York Telephone
	Guzman Jose	New York Telephone
	Harris Yvonne Lilian	New York Telephone
	Izquierdo Robert	New York Telephone
	Johnson M	New York Telephone
	Lewis A	New York Telephone
	Long Martha	New York Telephone
	Lujan Jose	New York Telephone
	Maldonado D	New York Telephone
	Marin Orlando	New York Telephone
	Medovar Yaakov	New York Telephone
	Modiano Robert	New York Telephone
	MOLINA SEE ALSO MALINA Molina A	New York Telephone
	Montalvan Raul	New York Telephone
	Montgomery Kenneth	New York Telephone
	Moreno Victor	New York Telephone
	Myrie Paul	New York Telephone
	Neal Vivian	New York Telephone
	Nieto Gladys	New York Telephone
	Nogueras Carmela	New York Telephone
	Oliver Gwen	New York Telephone
	Paucku Hilda V	New York Telephone
	Reyes Felix	New York Telephone

FINDINGS

Year	Uses	Source
1983	Ronan R	New York Telephone
	Santana Arlene	New York Telephone
	Tucker Ralph	New York Telephone
	Tyler Sharon	New York Telephone
	Valere Lucienne	New York Telephone
	Velez Primitiva	New York Telephone
	Villamar Argentina	New York Telephone
	Wiggins Politt	New York Telephone
	Williams Ernestine Mrs	New York Telephone
	Andrew Colbert	New York Telephone
	Batts James	New York Telephone
	Bell C L	New York Telephone
	Berlonga F	New York Telephone
	Buisa Carlos	New York Telephone
	Centeno Ernestine	New York Telephone
	Chavez R	New York Telephone
	Collado M	New York Telephone
	Cooper J F	New York Telephone
	Davis E S	New York Telephone
	Delgado M	New York Telephone
	Diaz Eugenia	New York Telephone

W 53RD ST

500 W 53RD ST

Year	Uses	Source
2012	AAA 24 HOUR EMERGENCY TOWING	Cole Information Services
	AVAILABLE TOWING	Cole Information Services
	AAA 24 HOUR EMERGENCY TOWING	Cole Information Services
	AVAILABLE TOWING	Cole Information Services

West 51st Street

535 West 51st Street

Year	Uses	Source
2006	Number 7 G Afaq Nasir v	Hill-Donnelly Information Services
	Number 1 A h Filippelli Albert E A	Hill-Donnelly Information Services
	Mitchell V	Hill-Donnelly Information Services
	Number 5 P Tosch Rosemary A	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2006	Number 1 R h Camacho Teotista A	Hill-Donnelly Information Services
	Number 6 H h Gonzalez Angel A	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	Number 2 A h Alfaro Mana A	Hill-Donnelly Information Services
	Number 2 K Archibald Marva A	Hill-Donnelly Information Services
	Number 1 R h Asencio George 87 o	Hill-Donnelly Information Services
	Number 63 B Ayala Adrian	Hill-Donnelly Information Services
	Number 5 K Bacon S A	Hill-Donnelly Information Services
	Number 7D h Badr Awadel A	Hill-Donnelly Information Services
	Bernacet Eva Al	Hill-Donnelly Information Services
	Number 3 R h Billings Gertrude v	Hill-Donnelly Information Services
	Number 5 A h Brown Jonathan D	Hill-Donnelly Information Services
	Number 4 F h Bryant Veronica A	Hill-Donnelly Information Services
	Number 1 E h Carrero Bneanna v	Hill-Donnelly Information Services
	Number 1 G Chavez Miguel A	Hill-Donnelly Information Services
	Clinton Manor Assoc 2 F	Hill-Donnelly Information Services
	Number 7 K Collado Yalides	Hill-Donnelly Information Services
	Number 1 F Conde	Hill-Donnelly Information Services
	Number 6 M Diaz M	Hill-Donnelly Information Services
	Number t LB h Flores Carmen	Hill-Donnelly Information Services
	Number 2 H h Fomias Hector A	Hill-Donnelly Information Services
	Number 56 Franco Juan A o	Hill-Donnelly Information Services
	Fugah E	Hill-Donnelly Information Services
	Number 7 E h Garcia Nancy A	Hill-Donnelly Information Services
	Number 6 C h Giordano Enk	Hill-Donnelly Information Services
	Number SD h Haber Mike A	Hill-Donnelly Information Services
	Hall Carlos Sr	Hill-Donnelly Information Services
	Number 2 K Halliday Samuel A	Hill-Donnelly Information Services
	Number 7 P Hernandez Carmen L A	Hill-Donnelly Information Services
	Hernandez 3ulio v o	Hill-Donnelly Information Services
	Hight H	Hill-Donnelly Information Services
	Number 3 G h Irizarry Milady A	Hill-Donnelly Information Services
	Number 63 h Kern Jerry	Hill-Donnelly Information Services
	Number 4 M Khan Mohammed	Hill-Donnelly Information Services
	Number SR b Krsulic Ljiljana A	Hill-Donnelly Information Services
	Number 5 M Lopez Mariana AV	Hill-Donnelly Information Services
	Number 3D Lopez Roberto	Hill-Donnelly Information Services
	Number 6 Q Lozada Ruben A	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2006	Number 2 Q h Lugo Y A	Hill-Donnelly Information Services
	Number 63 Macuilt Claudia v	Hill-Donnelly Information Services
	Marte Clemenoa	Hill-Donnelly Information Services
	Number 4 P Marzan Frances A o	Hill-Donnelly Information Services
	h Mera Carmen A	Hill-Donnelly Information Services
	Number 23 Myers Tasha v	Hill-Donnelly Information Services
	Number LD h Qureshi Ameena y	Hill-Donnelly Information Services
	Number 1 Q Ramirez Juan A	Hill-Donnelly Information Services
	Number 33 h Rangel P	Hill-Donnelly Information Services
	Number 1 P Reyes J	Hill-Donnelly Information Services
	Rodrlguez Christopher	Hill-Donnelly Information Services
	Rodriguez Consuelo	Hill-Donnelly Information Services
	Number 1 M h Roman Aida A	Hill-Donnelly Information Services
	Santiago A	Hill-Donnelly Information Services
	Santiago Brunilda	Hill-Donnelly Information Services
	Number 6 A h Silver Robert A	Hill-Donnelly Information Services
	Number 3 Q Tineo Anna A	Hill-Donnelly Information Services
	Number 7 R h Torres Margarita A	Hill-Donnelly Information Services
	Number 40 Traynor Marilyn A	Hill-Donnelly Information Services
	Number 4 N Ulloa Sara A	Hill-Donnelly Information Services
	Valenzuela 3 s	Hill-Donnelly Information Services
	Number 2 G Vanrhyn William Av	Hill-Donnelly Information Services
	Number 3 K Vera Veronica	Hill-Donnelly Information Services
2000	1P EVA BERNACETT	Cole Information Services
	7N ELIZABETH GARCIA	Cole Information Services
	2G WILLIAM VANRHYN	Cole Information Services
	M DIAZ	Cole Information Services
	CONSTANCE GREEN	Cole Information Services
	6G ROSITA MARZAN	Cole Information Services
	LE VERONICA TORO	Cole Information Services
	CLINTON MNR ASSOCS	Cole Information Services
	MIGUEL CHAVEZ	Cole Information Services
	5R LJILJANA KRSULIC	Cole Information Services
	A SANTIAGO	Cole Information Services
	VERONICA BRYANT	Cole Information Services
	K KERRIGAN	Cole Information Services
	HAYMEE SALAS	Cole Information Services
		Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2000	1C M ALFARO	Cole Information Services
	MARGARITA AYALA	Cole Information Services
	3R GERTRUDE BILLINGS	Cole Information Services
	5F JONATHAN D BROWN	Cole Information Services
	4Q JEFFREY CARRION	Cole Information Services
	6K E CRUZ	Cole Information Services
	6K CARMEN DELACRUZ	Cole Information Services
	2F JORGE W DELGADO	Cole Information Services
	JOSE DIAZ	Cole Information Services
	LIVARDA FERMIN	Cole Information Services
	A E FILIPPELLI	Cole Information Services
	VICTOR FLORES	Cole Information Services
	2H HECTOR FORNIAS	Cole Information Services
	6C ERIK GIORDANO	Cole Information Services
	LATANYA GODFREY	Cole Information Services
	JEANETTE GONZALEZ	Cole Information Services
	5D MIKE HABER	Cole Information Services
	2N ROSAURA HALL	Cole Information Services
	SAMUEL HALLIDAY	Cole Information Services
	7G J HEID	Cole Information Services
	7P CARMEN L HERNANDEZ	Cole Information Services
	6N MARK KELLER	Cole Information Services
	1D MARY LEVITT	Cole Information Services
	A6Q ANGELICA LOPEZ	Cole Information Services
	Y LUGO	Cole Information Services
	JOSE R MERCADO	Cole Information Services
	DARLENE MONDA	Cole Information Services
	NEAL R MONDA	Cole Information Services
	7J MARCOS PEREZ	Cole Information Services
	J REYES	Cole Information Services
	A RODRIGUEZ	Cole Information Services
	CYNTHIA RODRIGUEZ	Cole Information Services
	1M AIDA ROMAN	Cole Information Services
	1D BEATRICE SANTANA	Cole Information Services
	BRUNILDA SANTIAGO	Cole Information Services
	W SANTIAGO	Cole Information Services
	6A ROBERT SILVER	Cole Information Services
	1H ESTHER SOLARI	Cole Information Services

FINDINGS

Year	Uses	Source
2000	50 MIGDALIA TORRES	Cole Information Services
	5P ROSEMARY TOSCH	Cole Information Services
	4O MARILYN TRAYNOR	Cole Information Services
	SARA ULLOA	Cole Information Services
	4L GERALDINE WELSH	Cole Information Services
	CLINTON MANOR	Cole Information Services
	TARGET FIVE	Cole Information Services
1988	PEREZ ANNETTE	NYNEX Telephone
1983	Colon Edwin	New York Telephone
	Filipelli Albert E	New York Telephone
	Fonseca Margarita	New York Telephone
	Hernandez Carmen L	New York Telephone
	Laguer Pilar	New York Telephone
	Thiago de Mello G	New York Telephone
	Vanrhyn William	New York Telephone
	Tristram Ed	New York Telephone
	Billings D	New York Telephone
	Heid Eugene	New York Telephone
	Torres Mario	New York Telephone
	Velia Christina	New York Telephone
	Velasco Jose	New York Telephone
	Welsh Geraldine	New York Telephone
	Welsh L	New York Telephone
	Erastov Konstantin	New York Telephone
	Barth D	New York Telephone
	Keller Perola	New York Telephone
	Mountauredes Tassie	New York Telephone
	Bravo Ricky	New York Telephone
	La Cotera Alberto	New York Telephone
	Burke A J	New York Telephone
	Delacruz N	New York Telephone
	Garcia I	New York Telephone
	Almonte Pedro	New York Telephone
	Camacho Rodolfo	New York Telephone
	Dervieux Etienne	New York Telephone
	Diaz Margie	New York Telephone
	Donnelan M	New York Telephone
	Douglas Nelson	New York Telephone

FINDINGS

Year	*Uses*	*Source*
1983	Garcia N	New York Telephone
	Grant Sharon	New York Telephone
	Joseph Toni	New York Telephone
	Mamegonian Elaine	New York Telephone
	Norris B & E	New York Telephone
	Martis M	New York Telephone
	Green B	New York Telephone
	Haber Mike	New York Telephone
	Perez Maria	New York Telephone
	Schampe Andrew	New York Telephone
	Rankin Forrest	New York Telephone
	Reyes M	New York Telephone
	Ayala Margarita	New York Telephone
	Coller D O	New York Telephone
	Clinton Manor Assocs	New York Telephone
	Rosado W	New York Telephone
	Siurano A	New York Telephone
	Silver Robt	New York Telephone
	Schiffres T I	New York Telephone
	Santiago Enrique	New York Telephone
	Scanlon Maureen	New York Telephone
1931	Gilian Cath	Manhattan and Bronx Directory Publishing Company Residential Directory
	Flood Jas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Maher Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
	Mahon Hugh	Manhattan and Bronx Directory Publishing Company Residential Directory
	Ware Cath C	Manhattan and Bronx Directory Publishing Company Residential Directory
	Ware Chas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Flood Eliz	Manhattan and Bronx Directory Publishing Company Residential Directory
	Fingless Thos	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Peterson May r	New York Telephone
	Mullaney John r	New York Telephone
1920	Druhmer Albert porter	R. L. Polk & Co.
	Peterson Thos slsmn	R. L. Polk & Co.

Year	Uses	Source
1920	Greeley Ida J bkpr E S Partridges & Co Inc	R. L. Polk & Co.
	Greeley Irene clk NY C R R h N Tarrytown NY	R. L. Polk & Co.
	Greeley Wm H slsmn	R. L. Polk & Co.
	Fingless Thos	R. L. Polk & Co.
	Flood Jas lab	R. L. Polk & Co.
	Cahill Bernard plmbr	R. L. Polk & Co.
	Kimmel Herman Kimmel & Davis	R. L. Polk & Co.
	Murphy Hugh P driver	R. L. Polk & Co.
	Mullaney Edw J	R. L. Polk & Co.
	Mullaney Jno	R. L. Polk & Co.

West 52nd Street

509 West 52nd Street

Year	Uses	Source
1931	Gallagher Patk	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gallagher Richd	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gallagher Theresa	Manhattan and Bronx Directory Publishing Company Residential Directory
	OConor Ann	Manhattan and Bronx Directory Publishing Company Residential Directory
	Alcaide Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
	Doyle Thos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Doyle Edith	Manhattan and Bronx Directory Publishing Company Residential Directory
	Taylor Gertrude	Manhattan and Bronx Directory Publishing Company Residential Directory
	Burns Hugh	Manhattan and Bronx Directory Publishing Company Residential Directory
	Walsh Hugh	Manhattan and Bronx Directory Publishing Company Residential Directory
	Schraeder Louis	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Scott Mollie Miss r	New York Telephone
	Gannon Ellen Agnes Miss r	New York Telephone
	Tiernan John r	New York Telephone
1920	OConner Gerald	R. L. Polk & Co.
	Rosson Wm	R. L. Polk & Co.

Year	Uses	Source
1920	Satara Alex locksmith	R. L. Polk & Co.
	Shrader Louis pntr	R. L. Polk & Co.
	Schrader Louis	R. L. Polk & Co.
	Walsh Jas	R. L. Polk & Co.
	Tiernan Jno chauf	R. L. Polk & Co.
	Tiernan Jno clk PO h JC	R. L. Polk & Co.
	Welsh Jas	R. L. Polk & Co.
	Welsh Jno	R. L. Polk & Co.
	Bullington Hy	R. L. Polk & Co.
	Tiernan Jno clk Centl Union Trust Co h Grantwood NJ	R. L. Polk & Co.
	Cannon Peter lab	R. L. Polk & Co.
	Ballman Geo clk	R. L. Polk & Co.
	Doyle Thos	R. L. Polk & Co.
	Heath Saml	R. L. Polk & Co.
	OConnor Gerald	R. L. Polk & Co.

533 West 52nd Street

Year	Uses	Source
1934	K B Distributing Co RTN Thos J Kane auto parts	R. L. Polk & Co.
	Kane Bros Co Inc NY cap $ 10 000 Jas P Kane pres Thos J Kane sec treas auto access	R. L. Polk & Co.
1927	Public Iron Works	New York Telephone
1923	New York Auto Upholstering RTN Jno Abraham uphol	R. L. Polk & Co.
1920	Stengle Hy	R. L. Polk & Co.
	Americolite Co RTN Richd M Beard	R. L. Polk & Co.
	Flynn Garrett	R. L. Polk & Co.

West 53rd Street

500 West 53rd Street

Year	Uses	Source
2006	AA 24 Hour Emergency Towing	Hill-Donnelly Information Services
	Available Towing 1 s	Hill-Donnelly Information Services
	AA 24 Hour Emergency Towing	Hill-Donnelly Information Services
	Available Towing 1 s	Hill-Donnelly Information Services
2000	ADAM SHELDON	Cole Information Services
	ADAM SHELDON	Cole Information Services

FINDINGS

Year	Uses	Source
1920	Clinton Jas V driver	R. L. Polk & Co.
	Lepper Chas C lab	R. L. Polk & Co.
	Lepper Chas L slsmn Carters Ink Co r Yonkers	R. L. Polk & Co.
	Batchelder Wm E chauf PO	R. L. Polk & Co.
	Gaffney Hugh E tailor	R. L. Polk & Co.
	Gaffney Jas lab	R. L. Polk & Co.
	Clinton Jas V driver	R. L. Polk & Co.
	Lepper Chas C lab	R. L. Polk & Co.
	Lepper Chas L slsmn Carters Ink Co r Yonkers	R. L. Polk & Co.
	Batchelder Wm E chauf PO	R. L. Polk & Co.
	Gaffney Hugh E tailor	R. L. Polk & Co.
	Gaffney Jas lab	R. L. Polk & Co.

West 54th Street

500 West 54th Street

Year	Uses	Source
1923	Coughlin & Poole Frank Coughlin Mrs Albert Poole Undertakers	R. L. Polk & Co.

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
525 West 52nd Street	1996, 1983, 1923

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
520 52ND W	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
500 W 53RD ST	2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
500 West 53rd Street	2012, 2007, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
500 West 53rd Street	2012, 2007, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
500 West 54th Street	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1920
509 West 52nd Street	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923
510 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
510 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923
510 W 52ND ST	2012, 2007, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
510 W 52ND ST	2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
511 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
511 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934
512 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
513 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
513 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931
513 W 52ND ST	2012, 2007, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
514 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
514 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927
515 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927
515 W 52ND H DO	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
515 W 52ND ST	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
516 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
517 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927
518 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
518 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931
518 W 52ND H LI	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
519 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
519 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931
521 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
521 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923
522 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1963, 1958, 1934, 1923, 1920
522 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1923
522 W 52ND ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
524 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
524 W 52ND ST	2012, 2007, 2000, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
527 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
527 W 52ND H DO	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
528 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927, 1923, 1920
528 W 52ND ST	2012, 2007, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
529 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
529 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934

FINDINGS

Address Researched	Address Not Identified in Research Source
530 W 52ND ST	2012, 2007, 2006, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
531 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
531 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1923
533 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1958, 1938, 1934, 1931, 1923, 1920
533 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931
533 West 52nd Street	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931
535 W 51ST ST	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
535 W 52 ST	2012, 2007, 2006, 2000, 1996, 1934, 1927, 1923, 1920
535 W 52L	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
535 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923
535 W 52ND H DO	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
535 W 52ND ST	2012, 2007, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
535 W 52ND ST	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
535 West 51st Street	2012, 2007, 1998, 1996, 1993, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923
536 E 52ND ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
537 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1958, 1956, 1950, 1947, 1934, 1923, 1920
537 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923
539 W 52 ST	2012, 2007, 2006, 2000, 1996, 1934, 1931, 1923, 1920
539 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931
539 W 52ND H CARLSTADT NJ	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
539 W 52ND ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
540 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
540 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1920
540 W 52ND ST	2012, 2007, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
541 W 52 ST	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1950, 1938, 1934, 1931, 1927, 1923, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
541 W 52ND	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927
770 11TH AVE	2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
770 11th Avenue	2012, 2007, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
811 10TH AVE	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
811 10th Avenue	2012, 2007, 2000, 1996, 1978, 1973, 1968, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923

APPENDIX E

ENVIRONMENTAL DATABASE RADIUS REPORT

525 West 52nd Street
525 West 52nd Street
New York, NY 10019

Inquiry Number: 3650632.2s
June 28, 2013

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

525 WEST 52ND STREET
NEW YORK, NY 10019

COORDINATES

Latitude (North):	40.7668000 - 40° 46' 0.48''
Longitude (West):	73.9920000 - 73° 59' 31.20''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585075.4
UTM Y (Meters):	4513147.5
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-G8 CENTRAL PARK, NY NJ
Most Recent Revision:	1995
West Map:	40074-G1 WEEHAWKEN, NJ NY
Most Recent Revision:	1995

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2010, 2011
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
TANA SEYBERT 525 W. 52ND STREET NEW YORK, NY 10019	NY MANIFEST	N/A
TANA SEYBERT 525 WEST 52ND STREET NEW YORK, NY 10019	RCRA-LQG FINDS	NYR000076323
ASTRID OFFSET CORP 525 W 52ND ST NEW YORK, NY 10019	RCRA NonGen / NLR FINDS NY MANIFEST	NYR000018515

APPLE IND CONDO 525 W 52 ST NY, NY 10019	NY AST NY HIST AST	N/A
525-37 WEST 52ND ST 525-37 WEST 52ND ST MANHATTAN, NY 0	ERNS	N/A
VAULT 3484 525 -537 W 52ND ST MANHATTAN, NY	NY Spills Spill Number/Closed Date: 9911542 / 3/17/2000	N/A
TANASEYBERT LLC 525 W 52ND ST (2ND & 3RD FL) MANHATTAN, NY 10019	FINDS	N/A
TANASEYBERT LLC 525 WEST 52ND ST (2ND & 3RD FL) MANHATTAN, NY 10019	FINDS	N/A
ASTRID OFFSET CORP 525 WEST 52ND ST (4TH & 5TH FL) MANHATTAN, NY 10019	FINDS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

EXECUTIVE SUMMARY

Federal CERCLIS NFRAP site List

CERC-NFRAP---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS---------- Land Use Control Information System

State- and tribal - equivalent CERCLIS

NY SHWS---------- Inactive Hazardous Waste Disposal Sites in New York State
NJ SHWS---------- Known Contaminated Sites in New Jersey
NY VAPOR REOPENED---------- Vapor Intrusion Legacy Site List

State and tribal landfill and/or solid waste disposal site lists

NJ SWF/LF---------- Solid Waste Facility Directory

State and tribal leaking storage tank lists

NY HIST LTANKS---------- Listing of Leaking Storage Tanks
INDIAN LUST---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

NJ UST---------- Underground Storage Tank Data
NY CBS UST---------- Chemical Bulk Storage Database
NY MOSF UST---------- Major Oil Storage Facilities Database
NY CBS AST---------- Chemical Bulk Storage Database
NY MOSF AST---------- Major Oil Storage Facilities Database
NY CBS---------- Chemical Bulk Storage Site Listing
INDIAN UST---------- Underground Storage Tanks on Indian Land
FEMA UST---------- Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

NJ ENG CONTROLS---------- Declaration Environmental Restriction/Deed Notice Sites
NJ INST CONTROL---------- Classification Exception Area Sites
NY RES DECL---------- Restrictive Declarations Listing

State and tribal voluntary cleanup sites

NY VCP---------- Voluntary Cleanup Agreements
INDIAN VCP---------- Voluntary Cleanup Priority Listing
NJ VCP---------- Voluntary Cleanup Program Sites

State and tribal Brownfields sites

NY ERP---------- Environmental Restoration Program Listing

NJ BROWNFIELDS ..... Brownfields Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
NY SWRCY ..... Registered Recycling Facility List
NY SWTIRE ..... Registered Waste Tire Storage & Facility List
NJ SWRCY ..... Approved Class B Recycling Facilities
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
NY DEL SHWS ..... Delisted Registry Sites
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
NY LIENS ..... Spill Liens Information
NJ LIENS ..... Environmental LIENS

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
NY Hist Spills ..... SPILLS Database
NY SPILLS 90 ..... SPILLS 90 data from FirstSearch
NY SPILLS 80 ..... SPILLS 80 data from FirstSearch
NJ SPILLS 80 ..... SPILLS 80 data from FirstSearch
NJ SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
UMTRA ..... Uranium Mill Tailings Sites
US MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ..... Section 7 Tracking Systems
ICIS ..... Integrated Compliance Information System
PADS ..... PCB Activity Database System
MLTS ..... Material Licensing Tracking System

RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
NY HSWDS	Hazardous Substance Waste Disposal Site Inventory
NY UIC	Underground Injection Control Wells
NJ UIC	Underground Injection Wells Database
NJ DRYCLEANERS	Drycleaner List
NJ NPDES	New Jersey Pollutant Discharge Elimination System Dischargers
NY AIRS	Air Emissions Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
NY COAL ASH	Coal Ash Disposal Site Listing
NY Financial Assurance	Financial Assurance Information Listing
PCB TRANSFORMER	PCB Transformer Registration Database
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
LEAD SMELTERS	Lead Smelter Sites
COAL ASH DOE	Steam-Electric Plant Operation Data
NJ Financial Assurance	Financial Assurance Information Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
NJ COAL ASH	Coal Ash Listing

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 02/01/2013 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***WNW 1/4 - 1/2 (0.305 mi.)***	***0***	***38***

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 02/04/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***WNW 1/4 - 1/2 (0.305 mi.)***	***0***	***38***

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 02/12/2013 has revealed that there are 6 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST 52ND AFFORDABLE DEVELOPER	533-541 W 52ND ST	SW 0 - 1/8 (0.006 mi.)	A22	120
CON EDISON - MANHOLE 10190	W 53 ST & 10 AVE	E 0 - 1/8 (0.061 mi.)	E54	194
CON EDISON - MANHOLE 56252	834 10 AVE AND W 55 ST	ENE 0 - 1/8 (0.122 mi.)	I185	581
ESOTERIX GENETIC LABORATORIES	***521 W. 57TH STREET***	***NE 1/8 - 1/4 (0.209 mi.)***	***AL374***	***1154***
405-427 WEST 53RD STREET	405 -427 WEST 53RD STRE	ESE 1/8 - 1/4 (0.218 mi.)	AD413	1340

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE 47135	716 12 AVE AND W 52 ST	WNW 1/8 - 1/4 (0.199 mi.)	U328	1034

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/12/2013 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANHATTAN JEEP EAGLE INC	***711 11TH AVE***	***WSW 0 - 1/8 (0.110 mi.)***	***L149***	***459***
CON EDISON - RIVERSIDE	***700 11TH AVE***	***WSW 1/8 - 1/4 (0.127 mi.)***	***L195***	***605***
ONE SOURCE NY INC	***W 53RD ST***	***ESE 1/8 - 1/4 (0.149 mi.)***	***P240***	***779***
C2MEDIA	***423 W 55TH ST - 11TH FL***	***E 1/8 - 1/4 (0.217 mi.)***	***AT406***	***1310***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT SANITATION - WEST 55T	637 W 55TH ST	NNW 1/8 - 1/4 (0.225 mi.)	AG438	1436

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/12/2013 has revealed that there are 22 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW YORK TELEPHONE CO	***770 11TH AVE***	***NNW 0 - 1/8 (0.086 mi.)***	***B91***	***265***
AT&T WEB HOSTING & COMM OPERAT	***811 10TH AVE***	***ENE 0 - 1/8 (0.094 mi.)***	***I99***	***286***
CON EDISON	51ST ST & 11TH AVE	W 0 - 1/8 (0.095 mi.)	G109	333
WEST SIDE CLEANERS	***734 10TH AVE***	***S 0 - 1/8 (0.108 mi.)***	***J136***	***419***
CON EDISON	50TH ST & 11TH AVE	WSW 1/8 - 1/4 (0.130 mi.)	L204	687
CON EDISON	50TH ST & 11 AVE	WSW 1/8 - 1/4 (0.130 mi.)	L207	695
CON EDISON	441 W 53RD ST	ESE 1/8 - 1/4 (0.133 mi.)	P221	736
NEW YORK TELEPHONE CO	***435 W 50TH ST***	***SSE 1/8 - 1/4 (0.179 mi.)***	***V293***	***934***
56TH STREET INCINERATOR	***W 56TH ST***	***N 1/8 - 1/4 (0.188 mi.)***	***AF314***	***989***
CON EDISON	552 W 48TH ST FRONT OF	SW 1/8 - 1/4 (0.205 mi.)	AK347	1069
DOWNTOWN IGNITION	***548 W 48TH ST***	***SSW 1/8 - 1/4 (0.205 mi.)***	***AJ350***	***1075***
CBS BROADCAST CENTER	***518-564 W 57TH ST***	***NNE 1/8 - 1/4 (0.206 mi.)***	***AL360***	***1099***
ST CLARES HOSP & HEALTH CTR#	***415 W 51ST ST***	***SE 1/8 - 1/4 (0.207 mi.)***	***AN369***	***1134***
GREEN WEST 57TH ST LLC	***W 57TH ST***	***NNE 1/8 - 1/4 (0.209 mi.)***	***AL382***	***1261***
CON EDISON	W 57TH & 10TH AVE	NE 1/8 - 1/4 (0.215 mi.)	AP403	1307
CON EDISON	406 W 51 ST	SE 1/8 - 1/4 (0.221 mi.)	AN421	1383
HIGH SCHOOL OF GRAPHIC ARTS	***439 W 49TH ST***	***SSE 1/8 - 1/4 (0.225 mi.)***	***AI440***	***1442***
DELTA FABRIC CARE CO INC DBA K	***782 NINTH AVE***	***SE 1/8 - 1/4 (0.234 mi.)***	***AS475***	***1533***
NEAT-O-CLEANERS	***815 9TH AVE***	***ESE 1/8 - 1/4 (0.237 mi.)***	***AO492***	***1608***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ZUBACH MOTORS	***629 W 54TH ST***	***NNW 1/8 - 1/4 (0.130 mi.)***	***O211***	***709***
CON EDISON	630 W 50TH ST	WSW 1/8 - 1/4 (0.159 mi.)	AA262	871
CON EDISON - W. 49TH STREET	***637 W. 49TH STREET***	***WSW 1/8 - 1/4 (0.198 mi.)***	***AA325***	***1018***

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 03/14/2013 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***WNW 1/4 - 1/2 (0.305 mi.)***	***0***	***38***

US INST CONTROL: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 03/14/2013 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***WNW 1/4 - 1/2 (0.305 mi.)***	***0***	***38***

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 01/07/2013 has revealed that there are 3 NY SWF/LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
YONKERS CONTRACTING CO.; INC.	55TH STREET & 12TH AVEN	NNW 1/8 - 1/4 (0.223 mi.)	AG431	1398
CON EDISON (12TH AVE AND 45TH	12TH AVENUE AND 45TH ST	WSW 1/4 - 1/2 (0.404 mi.)	BJ583	1924
CONED	***12TH AVE***	***WSW 1/4 - 1/2 (0.404 mi.)***	***BJ584***	***1925***

State and tribal leaking storage tank lists

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 04/05/2013 has revealed that there are 102 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER TAXI DEPOT	553-561 W 52ND ST	W 0 - 1/8 (0.020 mi.)	A32	137
Spill Number/Closed Date: 0306876 / 2/25/2004				
VACANT LOT	***770 11TH AVE***	***N 0 - 1/8 (0.040 mi.)***	***B38***	***151***
Spill Number/Closed Date: 8704066 / 4/27/1994				
IN PARKING LOT	***766 11TH AVE***	***N 0 - 1/8 (0.040 mi.)***	***B40***	***155***
Spill Number/Closed Date: 8703912 / 4/27/1994				
COMMERCIAL BUILDING	500 WEST 52ND STREET	SSE 0 - 1/8 (0.049 mi.)	C41	159
Spill Number/Closed Date: 1100355 / Not Reported				
788 10TH AVE.	788 10TH AVE.	ESE 0 - 1/8 (0.062 mi.)	E57	198
Spill Number/Closed Date: 9207447 / 9/30/1992				
CBS BROADCASTING	***857 10TH AV***	***ESE 0 - 1/8 (0.062 mi.)***	***E58***	***199***
Spill Number/Closed Date: 9910605 / 1/4/2000				
783 10TH AVENUE	783 TENTH AVENUE	ESE 0 - 1/8 (0.062 mi.)	E60	216
Spill Number/Closed Date: 9402598 / 9/19/1998				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL OIL-#17-JWN MOBIL	***718 11TH AVE***	***WSW 0 - 1/8 (0.095 mi.)***	***F113***	***351***
Spill Number/Closed Date: 9505594 / 11/22/1996				
Spill Number/Closed Date: 0207671 / 10/9/2003				
Spill Number/Closed Date: 8904939 / Not Reported				
Spill Number/Closed Date: 9009654 / 1/29/1991				
Spill Number/Closed Date: 9400944 / 3/29/1995				
**Additional key fields are available in the Map Findings section*				
EXXON MOBIL	***714 11TH AVE***	***WSW 0 - 1/8 (0.102 mi.)***	***L121***	***388***
Spill Number/Closed Date: 0413552 / 12/14/2006				
HARBORVIEW HOUSES -NYCHA	***525 WEST 55TH ST***	***NE 0 - 1/8 (0.104 mi.)***	***M124***	***392***
Spill Number/Closed Date: 9806616 / 10/24/2005				
Spill Number/Closed Date: 9002419 / 6/22/1995				
THE BULL MCCABE	***714 11TH AVE***	***WSW 0 - 1/8 (0.105 mi.)***	***L125***	***398***
Spill Number/Closed Date: 0300184 / 7/11/2003				
X	520 WEST 50TH ST	SSW 0 - 1/8 (0.106 mi.)	N128	405
Spill Number/Closed Date: 0209190 / 1/24/2006				
Not reported	500 WEST 56TH ST	NE 0 - 1/8 (0.112 mi.)	I155	499
Spill Number/Closed Date: 0100152 / 2/14/2003				
Not reported	WEST 55TH S T& 10TH AV	ENE 0 - 1/8 (0.122 mi.)	I186	583
Spill Number/Closed Date: 9913880 / 1/24/2001				
ASTOR SUBSTATION BCP SITE	***700 11TH AVE***	***WSW 1/8 - 1/4 (0.130 mi.)***	***L210***	***701***
Spill Number/Closed Date: 0605854 / 12/21/2006				
Spill Number/Closed Date: 0103148 / Not Reported				
725 10TH AVENUE	***725 10TH AVENUE***	***S 1/8 - 1/4 (0.144 mi.)***	***T235***	***767***
Spill Number/Closed Date: 9308145 / 10/5/1993				
442 WEST 50TH ST	442 WEST 50TH ST	SSE 1/8 - 1/4 (0.165 mi.)	V278	907
Spill Number/Closed Date: 9711517 / 1/14/1998				
CBS	855 10TH AVE	NE 1/8 - 1/4 (0.165 mi.)	AB279	908
Spill Number/Closed Date: 9910603 / 12/29/1999				
527 W 48TH ST	527 W 48TH ST	SSW 1/8 - 1/4 (0.204 mi.)	AJ340	1056
Spill Number/Closed Date: 9612403 / 1/21/1997				
Not reported	524 WEST 57TH ST	NNE 1/8 - 1/4 (0.206 mi.)	AL361	1120
Spill Number/Closed Date: 0403062 / 6/23/2004				
795 9TH AVE	795 9TH AVE	ESE 1/8 - 1/4 (0.232 mi.)	AS469	1517
Spill Number/Closed Date: 9702500 / 12/31/1997				
TOYOTA BUILDING	623 WEST 57TH ST	N 1/8 - 1/4 (0.233 mi.)	AF470	1518
Spill Number/Closed Date: 0104524 / 1/9/2006				
JANOVIC PAINT	771 9TH AV	SE 1/8 - 1/4 (0.234 mi.)	AN486	1597
Spill Number/Closed Date: 0209507 / 12/12/2007				
EXXONMOBIL	842 11TH AVENUE	NNE 1/8 - 1/4 (0.236 mi.)	AW490	1606
Spill Number/Closed Date: 9501523 / 7/8/1997				
467 W. 57TH ST.	467 W. 57TH ST.	ENE 1/8 - 1/4 (0.237 mi.)	AU501	1634
Spill Number/Closed Date: 9302151 / 9/7/1993				
ANNA'S	***763 9TH AVE***	***SE 1/8 - 1/4 (0.238 mi.)***	***AN505***	***1641***
Spill Number/Closed Date: 0102767 / 5/10/2005				
FORMER MOBIL #17-511	***842 11TH AVE***	***N 1/8 - 1/4 (0.241 mi.)***	***AW509***	***1652***
Spill Number/Closed Date: 9009804 / 3/8/2013				
BMW	547 WEST 47TH ST	SSW 1/4 - 1/2 (0.254 mi.)	AK535	1752
Spill Number/Closed Date: 9707785 / 10/1/1997				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN SAVINGS BANK Spill Number/Closed Date: 8907585 / 10/31/1989	735 9TH AVENUE	SSE 1/4 - 1/2 (0.260 mi.)	536	1753
SALIAN CORP Spill Number/Closed Date: 9511654 / 12/15/1995	***400 WEST 56TH ST***	***E 1/4 - 1/2 (0.272 mi.)***	***538***	***1760***
TERRIFIC TENEMENTS Spill Number/Closed Date: 0102069 / 4/13/2002	***425 WEST 48TH STREET***	***SSE 1/4 - 1/2 (0.276 mi.)***	***AY540***	***1764***
RESIDENCE Spill Number/Closed Date: 0206941 / 11/29/2002	454 WEST 47TH ST	S 1/4 - 1/2 (0.288 mi.)	AY544	1773
408 WEST 57TH ST Spill Number/Closed Date: 9515593 / 6/13/2005	408 WEST 57TH ST	ENE 1/4 - 1/2 (0.296 mi.)	546	1774
COACH USA/AMTRAK TUNNEL Spill Number/Closed Date: 0207335 / 9/18/2006	***520 WEST 46TH STREET***	***SSW 1/4 - 1/2 (0.303 mi.)***	***BA547***	***1776***
360 WEST 51ST STREET Spill Number/Closed Date: 9911885 / 11/16/2005	360 WEST 51ST STREET	SE 1/4 - 1/2 (0.304 mi.)	548	1782
695 9TH AVE/MANH Spill Number/Closed Date: 9010299 / 11/16/1994	695 9TH AVENUE	SSE 1/4 - 1/2 (0.317 mi.)	BB549	1783
357 WEST 55TH STREET Spill Number/Closed Date: 9413227 / 1/4/1995 Spill Number/Closed Date: 9413238 / 1/4/1995	357 WEST 55TH STREET	E 1/4 - 1/2 (0.323 mi.)	BC551	1785
416 WEST 47TH STREET Spill Number/Closed Date: 9909811 / 6/13/2005	416 WEST 47TH ST	S 1/4 - 1/2 (0.324 mi.)	BB552	1787
ST BENEDICT MOORE CHURCH Spill Number/Closed Date: 0208027 / 11/21/2003	340 W 53RD ST	ESE 1/4 - 1/2 (0.333 mi.)	554	1801
GASETERIA Spill Number/Closed Date: 0212404 / 12/7/2005	***2-16 WEST END AVE***	***NNE 1/4 - 1/2 (0.340 mi.)***	***BE555***	***1802***
MULTIPLE DWELLING Spill Number/Closed Date: 9407888 / 9/19/1994	340 WEST 55TH ST.	E 1/4 - 1/2 (0.350 mi.)	BC559	1822
Not reported Spill Number/Closed Date: 0206999 / 6/3/2003	525 WEST 45TH ST	SSW 1/4 - 1/2 (0.352 mi.)	BF561	1829
ST CLEMENTS Spill Number/Closed Date: 0308286 / 4/12/2006	423 WEST 46TH ST	S 1/4 - 1/2 (0.353 mi.)	563	1849
WEST 45TH ST & 10TH AVE Spill Number/Closed Date: 9000492 / 8/2/1993	WEST 45TH ST & 10TH AVE	SSW 1/4 - 1/2 (0.357 mi.)	BH564	1851
356 WEST 58TH ST Spill Number/Closed Date: 9612092 / 1/8/1997	***356 WEST 58TH STREET***	***ENE 1/4 - 1/2 (0.378 mi.)***	***571***	***1876***
346 WEST 48TH ST Spill Number/Closed Date: 9413070 / 12/30/1994	346 WEST 48TH ST	SSE 1/4 - 1/2 (0.381 mi.)	572	1878
SERVICE STATION Spill Number/Closed Date: 9713164 / 12/22/1998	624 10TH AVE	SSW 1/4 - 1/2 (0.387 mi.)	BH573	1880
30 WEST END AVE Spill Number/Closed Date: 9513427 / 1/24/1996	30 WEST END AVE	NNE 1/4 - 1/2 (0.395 mi.)	577	1883
MIDTOWN NORTH PRECINCT NYPD -D Spill Number/Closed Date: 9302675 / 3/25/2002 Spill Number/Closed Date: 9303944 / 3/25/2002 Spill Number/Closed Date: 9408524 / 3/25/2002 Spill Number/Closed Date: 9210368 / 3/31/1995	306 WEST 54TH STREET	ESE 1/4 - 1/2 (0.396 mi.)	578	1884
HOWARD JOHNSON Spill Number/Closed Date: 8900473 / 12/4/1992	869 8TH AVENUE	ESE 1/4 - 1/2 (0.401 mi.)	BK579	1889

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported Spill Number/Closed Date: 9815045 / 3/19/1999	305 W. 50TH ST	SE 1/4 - 1/2 (0.401 mi.)	BL580	1890
869 8TH AVE/MANHATTAN Spill Number/Closed Date: 9001060 / 4/28/1990	869 8TH AVENUE	ESE 1/4 - 1/2 (0.403 mi.)	BK582	1923
250 WEST 61TH STREET Spill Number/Closed Date: 9311683 / 12/31/1993	250 WEST 61TH STREET	NNE 1/4 - 1/2 (0.408 mi.)	BN588	1937
LIST CAB CO Spill Number/Closed Date: 9601705 / 5/3/1996	***250 WEST 61ST ST***	***NNE 1/4 - 1/2 (0.408 mi.)***	***BN589***	***1938***
840 EAST 8TH ST. Spill Number/Closed Date: 9008696 / 9/30/1992	840 EAST 8TH STREET	SE 1/4 - 1/2 (0.412 mi.)	BL590	1940
AMSTERDAM HOUSES -NYCHA Spill Number/Closed Date: 8904207 / Not Reported	***205 WEST 61ST STREET***	***NE 1/4 - 1/2 (0.412 mi.)***	***BN591***	***1941***
APARTMENT COMPLEX Spill Number/Closed Date: 9911768 / 3/6/2006	438 W.45TH ST	S 1/4 - 1/2 (0.423 mi.)	592	1945
940 8TH AVE Spill Number/Closed Date: 9512455 / 6/24/1996	940 8TH AVE	E 1/4 - 1/2 (0.430 mi.)	593	1946
790 8TH AVE Spill Number/Closed Date: 0505733 / 3/9/2006 Spill Number/Closed Date: 9903737 / 2/25/2003	***790 8TH AVE***	***SSE 1/4 - 1/2 (0.448 mi.)***	***BO594***	***1947***
ENGINE CO. 054 FDNY -DDC Spill Number/Closed Date: 9812690 / 6/6/2005	782 8TH AVENUE	SSE 1/4 - 1/2 (0.459 mi.)	BO595	1953
245 WEST 52ND STREET Spill Number/Closed Date: 9209443 / 11/13/1992	245 WEST 52ND STREET	ESE 1/4 - 1/2 (0.468 mi.)	599	1960
326 W 46TH ST Spill Number/Closed Date: 9301069 / 4/22/1993	326 W 46TH ST	SSE 1/4 - 1/2 (0.469 mi.)	600	1961
TANK TEST FAILURE TTF Spill Number/Closed Date: 1009654 / 1/13/2011	341 W 45TH ST	SSE 1/4 - 1/2 (0.483 mi.)	603	1993
611 9TH AVE Spill Number/Closed Date: 9406176 / 2/17/2004	611 9TH AVENUE	S 1/4 - 1/2 (0.487 mi.)	605	1996
17 WEST 60TH STREET Spill Number/Closed Date: 0208415 / 3/2/2004	17 WEST 60TH STREET	ENE 1/4 - 1/2 (0.489 mi.)	606	1997
APARTMENT HOUSE Spill Number/Closed Date: 9903692 / 8/27/1999	1 COLUMBUS PLACE	E 1/4 - 1/2 (0.492 mi.)	609	2001
MANAHATTEN WATER TUNNEL Spill Number/Closed Date: 9412744 / 1/5/1995	***60TH STREET/AMSTERDAM***	***NE 1/4 - 1/2 (0.494 mi.)***	***610***	***2002***

Lower Elevation	Address	Direction / Distance	Map ID	Page
660 12TH AVE (A/K/A) Spill Number/Closed Date: 0008970 / 2/4/2002	618-628 W 49TH ST	WSW 1/8 - 1/4 (0.188 mi.)	AE312	987
WEST 49TH ST SUB-STATION Spill Number/Closed Date: 0306463 / 10/15/2003	***637 WEST 49TH ST***	***WSW 1/8 - 1/4 (0.196 mi.)***	***AA319***	***1003***
BETWEEN 11TH & 12TH Spill Number/Closed Date: 0306468 / 9/18/2003	49TH	WSW 1/8 - 1/4 (0.198 mi.)	AA323	1017
660 52ND ST/BKLYN Spill Number/Closed Date: 9009278 / 11/26/1990	660 52ND STREET	WNW 1/8 - 1/4 (0.213 mi.)	AR395	1280
ATC MANAGEMENT Spill Number/Closed Date: 0509022 / 3/17/2006	605 WEST 48TH ST	SW 1/8 - 1/4 (0.222 mi.)	AQ427	1394

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
624 WEST 48TH ST Spill Number/Closed Date: 8709100 / 2/23/1993	624 WEST 48TH ST	WSW 1/8 - 1/4 (0.231 mi.)	AQ465	1509
624 WEST 48TH STREET Spill Number/Closed Date: 9408956 / 8/6/1996	***624 WEST 48TH STREET***	***WSW 1/8 - 1/4 (0.234 mi.)***	***AQ485***	***1592***
NYC DEPT OF SANITATION - J SCH Spill Number/Closed Date: 0103907 / Not Reported	***650 W 57TH ST M-W-4***	***N 1/8 - 1/4 (0.245 mi.)***	***AX520***	***1697***
NYC SANITATION BCC OPS Spill Number/Closed Date: 9908580 / 3/4/2003	650 W 57TH ST	N 1/8 - 1/4 (0.245 mi.)	AX521	1708
VERIZON Spill Number/Closed Date: 0506652 / 9/20/2006	***617-623 WEST 47TH STREE***	***SW 1/4 - 1/2 (0.271 mi.)***	***AZ537***	***1754***
639 11TH AVE./MAHATTAN Spill Number/Closed Date: 8706049 / 7/31/1997	639 11TH AVE.	SW 1/4 - 1/2 (0.275 mi.)	AZ539	1762
605 WEST 47TH STREET Spill Number/Closed Date: 0400961 / 11/17/2004	605 WEST 47TH STREET	SW 1/4 - 1/2 (0.276 mi.)	AZ541	1769
Not reported Spill Number/Closed Date: 0203467 / 3/7/2003	612-614 WEST 47TH ST	SW 1/4 - 1/2 (0.277 mi.)	AZ542	1770
PIER #192 Spill Number/Closed Date: 9001811 / 8/10/2011	PORT AUTHORITY PIER #19	WNW 1/4 - 1/2 (0.282 mi.)	543	1771
Not reported Spill Number/Closed Date: 9908576 / 12/1/1999	57TH ST / 12TH AVE	NNW 1/4 - 1/2 (0.322 mi.)	550	1784
METROPOLITAN LUMBER COMPANY Spill Number/Closed Date: 9707347 / 1/8/1998	***617 11TH AVE***	***SW 1/4 - 1/2 (0.327 mi.)***	***BD553***	***1789***
545 WEST 45TH ST Spill Number/Closed Date: 9711326 / 1/9/1998	***545 WEST 45TH ST***	***SW 1/4 - 1/2 (0.343 mi.)***	***BF556***	***1812***
SWING TIME LLC Spill Number/Closed Date: 9900078 / 7/2/2003	***609-611 11TH AVENUE***	***SW 1/4 - 1/2 (0.344 mi.)***	***BD557***	***1814***
609-611 11TH AVE Spill Number/Closed Date: 9501693 / 9/16/2005	***609-611 11TH AVENUE***	***SW 1/4 - 1/2 (0.344 mi.)***	***BD558***	***1818***
502 WEST 45TH STREET Spill Number/Closed Date: 8807198 / 3/19/2003	***502 WEST 45TH STREET***	***SSW 1/4 - 1/2 (0.352 mi.)***	***BA560***	***1823***
HESS #32215 Spill Number/Closed Date: 8807538 / 10/18/2004	***502 WEST 45TH STREET***	***SSW 1/4 - 1/2 (0.353 mi.)***	***BG562***	***1831***
59TH ST STATION Spill Number/Closed Date: 0308962 / 6/29/2005 Spill Number/Closed Date: 0303767 / 10/13/2004 Spill Number/Closed Date: 0004776 / 2/11/2004	***850 12TH AVENUE***	***NNW 1/4 - 1/2 (0.362 mi.)***	***BI565***	***1852***
BARGE DBL-2202 Spill Number/Closed Date: 0210959 / 10/12/2004	59TH ST GENERATING STAT	NNW 1/4 - 1/2 (0.362 mi.)	BI566	1863
CLOSED-LACKOF RECENT INFO Spill Number/Closed Date: 8804962 / 3/5/2003	711 12TH AVENUE	WSW 1/4 - 1/2 (0.362 mi.)	BJ567	1864
612 W 45TH ST/UPS Spill Number/Closed Date: 9104075 / 2/12/2003	612 W 45TH ST	SW 1/4 - 1/2 (0.364 mi.)	BD570	1875
PIER 90/MANHATTAN Spill Number/Closed Date: 8804853 / 11/14/1994	PIER 90/MANHATTAN	WSW 1/4 - 1/2 (0.393 mi.)	BJ575	1881
59TH ST & 12TH AVE/CONED Spill Number/Closed Date: 8804215 / 8/12/1988	59TH ST & 12TH AVE	N 1/4 - 1/2 (0.393 mi.)	BI576	1882
CON ED - V 3685 Spill Number/Closed Date: 8901904 / Not Reported	***522 W 44 ST***	***SSW 1/4 - 1/2 (0.402 mi.)***	***BG581***	***1891***

Lower Elevation	Address	Direction / Distance	Map ID	Page
APARTMENT COMPLEX Spill Number/Closed Date: 0108944 / 1/13/2006	560 W 43RD ST	SSW 1/4 - 1/2 (0.461 mi.)	BP596	1955
RIVERBANK WEST APARTMENTS Spill Number/Closed Date: 0206678 / 4/28/2003	560 WEST 43RD ST	SSW 1/4 - 1/2 (0.461 mi.)	BP597	1956
FDNY RESCUE 1 Spill Number/Closed Date: 9706580 / 7/6/1999	***530 WEST 43RD ST***	***SSW 1/4 - 1/2 (0.466 mi.)***	***BP598***	***1957***
643 W 43RD ST/UPS Spill Number/Closed Date: 9202362 / 3/31/1995 Spill Number/Closed Date: 9200470 / 8/7/1995	643 W 43RD ST/UPS	SW 1/4 - 1/2 (0.473 mi.)	BQ601	1962
MOBIL OIL CORP SS #QDL Spill Number/Closed Date: 9905507 / 7/2/2003	***561 11TH AVE***	***SW 1/4 - 1/2 (0.482 mi.)***	***BR602***	***1964***
MOBIL S/S Spill Number/Closed Date: 9009655 / 7/2/2003	561 11TH AVENUE	SW 1/4 - 1/2 (0.484 mi.)	BR604	1994
VERIZON Spill Number/Closed Date: 0103392 / 6/25/2002	605 WEST 42ND ST	SW 1/4 - 1/2 (0.491 mi.)	BQ608	2000

State and tribal registered storage tank lists

NY TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the NY TANKS list, as provided by EDR, and dated 04/02/2013 has revealed that there are 5 NY TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER VERIZON FACILITY	***770 11TH AVE***	***NNW 0 - 1/8 (0.086 mi.)***	***B92***	***269***
464 WEST 51ST STREET	464 WEST 51ST STREET	SSE 0 - 1/8 (0.117 mi.)	J174	550
NEW YORK TELEPHONE CO	***435 W 50TH ST***	***SSE 1/8 - 1/4 (0.179 mi.)***	***V293***	***934***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST 49TH ST. CENTRAL SUBSTATI	637 WEST 49TH STREET	WSW 1/8 - 1/4 (0.198 mi.)	AA324	1018
BELL ATLANTIC	***610-630 WEST 48TH STREE***	***SW 1/8 - 1/4 (0.227 mi.)***	***AQ445***	***1463***

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, and dated 04/02/2013 has revealed that there are 43 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLINTON PARKVIEW APARTMENTS	555 WEST 52ND STREET	W 0 - 1/8 (0.021 mi.)	A33	138
MOBIL S/S	***783 TENTH AVE***	***E 0 - 1/8 (0.060 mi.)***	***E48***	***173***
CLINTON MANOR	***535 WEST 51ST STREET***	***WSW 0 - 1/8 (0.062 mi.)***	***F59***	***213***
800 10TH AVENUE	***460 WEST 54TH STREET***	***E 0 - 1/8 (0.067 mi.)***	***E65***	***221***
753 10 AVENUE	***753 TENTH AVENUE***	***SSE 0 - 1/8 (0.074 mi.)***	***C68***	***228***
HUDSONVIEW TERRACE APTS	***747 TENTH AVE***	***SSE 0 - 1/8 (0.082 mi.)***	***C76***	***240***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL R/S #11375	718 ELEVENTH AVENUE	WSW 0 - 1/8 (0.095 mi.)	F112	337
55TH ST TAXI GARAGE INCTHE FOU	***508 W 55 ST***	***NE 0 - 1/8 (0.106 mi.)***	***I130***	***406***
520 WEST 50TH STREET INC.	***520-522 WEST 50TH STREE***	***SSW 0 - 1/8 (0.107 mi.)***	***N132***	***412***
LTS 711 11TH AVE LLC/BSS 711 1	711 ELEVENTH AVENUE	WSW 0 - 1/8 (0.110 mi.)	L150	471
500 W. 56TH STREET	***509-511 WEST 55TH STREE***	***NE 0 - 1/8 (0.112 mi.)***	***I153***	***484***
CLINTON TOWERS	790 ELEVENTH AVENUE	N 0 - 1/8 (0.114 mi.)	O158	506
POTAMKIN MITSUBISHI	706 ELEVENTH AVENUE	WSW 0 - 1/8 (0.116 mi.)	L169	534
23-24 ASSOC., LLC	***455 WEST 53RD STREET***	***ESE 0 - 1/8 (0.117 mi.)***	***P176***	***551***
CHURCH SACRED HEART OF JESUS	***457 WEST 51 ST***	***SSE 0 - 1/8 (0.122 mi.)***	***J187***	***584***
MANHATTAN FORD, LINCOLN MERCUR	787 11TH AVENUE	NNW 0 - 1/8 (0.124 mi.)	O191	596
ASTOR SUBSTATION	***700 11TH AVENUE***	***WSW 1/8 - 1/4 (0.127 mi.)***	***L196***	***608***
VOLKSWAGEN AND AUDI OF MANHATT	798 11TH AVENUE	N 1/8 - 1/4 (0.129 mi.)	O201	664
CONVENT OF THE SACRED HEART	***450 WEST 51ST STREET***	***SSE 1/8 - 1/4 (0.131 mi.)***	***Q213***	***721***
601 WEST 50TH ST	601-603 WEST 50TH STREE	WSW 1/8 - 1/4 (0.134 mi.)	L222	737
ONE SOURCE PROPERTY HOLDINGS,	429 WEST 53RD STREET	ESE 1/8 - 1/4 (0.149 mi.)	P239	776
HARBORVIEW TERRACE (AMSTERDAM	***520 WEST 55TH STREET***	***NE 1/8 - 1/4 (0.154 mi.)***	***X250***	***833***
444 W 54 ST HDFC	***444 WEST 54TH STREET***	***E 1/8 - 1/4 (0.163 mi.)***	***Y266***	***874***
CBS, INC.	855 TENTH AVENUE	NE 1/8 - 1/4 (0.164 mi.)	AB269	885
444 WEST 55TH STREET	444 WEST 55TH STREET	E 1/8 - 1/4 (0.172 mi.)	Y287	925
CIRKER'S CITY CENTER WAREHOUSE	430 WEST 55TH STREET	E 1/8 - 1/4 (0.204 mi.)	AC343	1062
CBS BROADCAST CENTER	***524 WEST 57TH STREET***	***NNE 1/8 - 1/4 (0.205 mi.)***	***AL352***	***1088***
CBS BROADCAST CENTER NY	530 WEST 57TH STREET	NNE 1/8 - 1/4 (0.207 mi.)	AL367	1129
COLON COMPANY	505 W 57TH ST	NE 1/8 - 1/4 (0.213 mi.)	AP394	1278
CUMBERLAND FARMS	***707 TENTH AVE***	***S 1/8 - 1/4 (0.214 mi.)***	***AH402***	***1292***
FORMER POTAMKIN SHOWROOM	***601-615 WEST 57TH STREE***	***N 1/8 - 1/4 (0.224 mi.)***	***AF432***	***1399***
FORMER COPACABANA FACILITY	615-621 WEST 57TH STREE	N 1/8 - 1/4 (0.230 mi.)	AF459	1489
POTAMKIN TOYOTA	***623-629 WEST 57TH STREE***	***N 1/8 - 1/4 (0.233 mi.)***	***AF471***	***1520***
54TH STREET BUS DEPOT	***806 9TH AVENUE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***AO483***	***1565***
MOBIL SERVICE STATION 17-511	***842 11TH AVENUE***	***N 1/8 - 1/4 (0.241 mi.)***	***AW510***	***1657***

Lower Elevation	Address	Direction / Distance	Map ID	Page
619 W 54 ST	***619 WEST 54TH STREET***	***NNW 0 - 1/8 (0.121 mi.)***	***O181***	***563***
AMERICAN REDCROSS IN GREATER N	514 WEST 49TH STREET	SSW 1/8 - 1/4 (0.155 mi.)	W255	852
520 W. 48TH STREET	516-530 W. 48TH STREET	SSW 1/8 - 1/4 (0.205 mi.)	AJ349	1071
ADVANCED CONTRACTING CORP	***605 WEST 48TH STREET***	***SW 1/8 - 1/4 (0.222 mi.)***	***AQ426***	***1389***
660 TWELTH AVENUE	***660 TWELTH AVENUE***	***WSW 1/8 - 1/4 (0.230 mi.)***	***AQ462***	***1500***
FORMER AIRBORNE EXPRESS FACILI	***631-649 WEST 57TH STREE***	***N 1/8 - 1/4 (0.237 mi.)***	***AX495***	***1621***
DSNY MAN-4, 4A, 7 DISTRICT GAR	***786 12TH AVENUE***	***NNW 1/8 - 1/4 (0.244 mi.)***	***517***	***1673***
MANHATTAN WEST 4, 4A GARAGE	***650 WEST 57TH STREET***	***N 1/8 - 1/4 (0.245 mi.)***	***AX522***	***1709***

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, and dated 04/02/2013 has revealed that there are 117 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
552 WEST 53RD STREET	552 WEST 53RD STREET	N 0 - 1/8 (0.004 mi.)	A10	66
554 WEST 53 STREET	554 WEST 53RD STREET	N 0 - 1/8 (0.004 mi.)	A12	70
549 WEST 52ND STREET	***549 WEST 52ND STREET***	***W 0 - 1/8 (0.015 mi.)***	***A27***	***126***
800 10TH AVENUE	***460 WEST 54TH STREET***	***E 0 - 1/8 (0.067 mi.)***	***E65***	***221***
ELKALM REALTY	886 TENTH AVE	E 0 - 1/8 (0.075 mi.)	E69	231
CYBERT TIRE CO.	726 ELEVENTH AVENUE	W 0 - 1/8 (0.083 mi.)	G83	247

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
725 11TH AVENUE	725 11 TH AVENUE	W 0 - 1/8 (0.092 mi.)	G96	278
AT&T	811 TENTH AVENUE (NY496	ENE 0 - 1/8 (0.094 mi.)	I100	307
MOBIL R/S #11375	718 ELEVENTH AVENUE	WSW 0 - 1/8 (0.095 mi.)	F114	377
COLUMBUS LIBRARY	742 10TH AVENUE	SSE 0 - 1/8 (0.099 mi.)	J120	386
PARK WEST H S - M535	***525 W 50 ST***	***SSW 0 - 1/8 (0.105 mi.)***	***N127***	***400***
530-32 W 50 ST	530-32 WEST 50 ST	SSW 0 - 1/8 (0.107 mi.)	N133	416
SITE FIVE, H.D.F.C.	504 WEST 55TH STREET	NE 0 - 1/8 (0.109 mi.)	I139	437
534 WEST 50TH ST	***534 WEST 50TH ST***	***SW 0 - 1/8 (0.109 mi.)***	***N142***	***441***
LTS 711 11TH AVE LLC/BSS 711 1	711 ELEVENTH AVENUE	WSW 0 - 1/8 (0.110 mi.)	L146	447
MANHATTAN JEEP CHRYSLER DODGE,	711 ELEVENTH AVENUE	WSW 0 - 1/8 (0.110 mi.)	L148	452
468 WEST 51 ST	***468 WEST 51 ST***	***SSE 0 - 1/8 (0.113 mi.)***	***J156***	***501***
P S 111	***440 W 53 ST***	***ESE 0 - 1/8 (0.115 mi.)***	***P161***	***511***
827 10TH AVENUE	827 TENTH AVENUE	ENE 0 - 1/8 (0.115 mi.)	I165	516
SITE FIVE H.D.F.C.	827 10TH AVENUE	ENE 0 - 1/8 (0.115 mi.)	I167	519
POTAMKIN MITSUBISHI	706 ELEVENTH AVENUE	WSW 0 - 1/8 (0.116 mi.)	L170	536
23-24 ASSOC., LLC	***455 WEST 53RD STREET***	***ESE 0 - 1/8 (0.117 mi.)***	***P176***	***551***
MANHATTAN FORD, LINCOLN MERCUR	787 11TH AVENUE	NNW 0 - 1/8 (0.124 mi.)	O189	589
ASTOR SUBSTATION	***700 11TH AVENUE***	***WSW 1/8 - 1/4 (0.127 mi.)***	***L196***	***608***
VOLKSWAGEN AND AUDI OF MANHATT	798 11TH AVENUE	N 1/8 - 1/4 (0.129 mi.)	O202	669
MINI OF MANHATTAN	793-801 11TH AVE	N 1/8 - 1/4 (0.136 mi.)	O226	744
436-438 W. 52 ST.	436-438 WEST 52ND STREE	SE 1/8 - 1/4 (0.137 mi.)	K227	747
434 WEST 52 STREET	***434 WEST 52 STREET***	***SE 1/8 - 1/4 (0.140 mi.)***	***K229***	***750***
SKYLINE HOTEL	725 TENTH AVENUE	S 1/8 - 1/4 (0.143 mi.)	T232	756
CERTIFIED MOVING & STORAGE CO	438 WEST 51ST STREET	SE 1/8 - 1/4 (0.143 mi.)	Q234	762
722-10TH AVE	***722 TENTH AVENUE***	***S 1/8 - 1/4 (0.146 mi.)***	***T237***	***771***
ONE SOURCE NY INC	***W 53RD ST***	***ESE 1/8 - 1/4 (0.149 mi.)***	***P240***	***779***
450 WEST 50 STREET	***450 WEST 50 ST***	***SSE 1/8 - 1/4 (0.150 mi.)***	***V242***	***807***
441 W 51ST ST	***441 W 51ST ST***	***SE 1/8 - 1/4 (0.151 mi.)***	***Q243***	***810***
ASHLAND EQUITIES CO	***525-527 WEST 49TH ST***	***SSW 1/8 - 1/4 (0.153 mi.)***	***N247***	***827***
545 OPERATING CORPORATION	545 WEST 49TH STREET	SSW 1/8 - 1/4 (0.154 mi.)	W248	830
HARBORVIEW TERRACE (AMSTERDAM	***520 WEST 55TH STREET***	***NE 1/8 - 1/4 (0.154 mi.)***	***X250***	***833***
533 W 49ST	***533 W 49ST***	***SSW 1/8 - 1/4 (0.154 mi.)***	***N251***	***840***
DANNY'S TOWING INC.	542 WEST 49TH STREET	SSW 1/8 - 1/4 (0.155 mi.)	W254	850
448 W 54TH ST CORP.	***448 W 54TH STREET***	***E 1/8 - 1/4 (0.157 mi.)***	***Y260***	***866***
444 WEST 54TH STREET	444 WEST 54TH STREET	E 1/8 - 1/4 (0.163 mi.)	Y267	878
CBS, INC.	***855 TENTH AVENUE***	***NE 1/8 - 1/4 (0.164 mi.)***	***AB268***	***880***
THE WESTPORT	500 WEST 56TH STREET	NE 1/8 - 1/4 (0.164 mi.)	AB272	897
442 WEST 50TH STREET	***442 WEST 50TH ST***	***SSE 1/8 - 1/4 (0.165 mi.)***	***V277***	***904***
442 W 54TH ST	***442 W 54TH ST***	***E 1/8 - 1/4 (0.166 mi.)***	***Y282***	***912***
444 WEST 55TH STREET	444 WEST 55TH STREET	E 1/8 - 1/4 (0.172 mi.)	Y286	923
JIJ WEST 51 STREET	***424 WEST 51 STREET***	***SE 1/8 - 1/4 (0.177 mi.)***	***Q290***	***927***
JAYGUS REALTY CORP	448 W 55TH ST	E 1/8 - 1/4 (0.179 mi.)	Y292	932
427 WEST 51ST ST	***427 WEST 51ST STREET***	***SE 1/8 - 1/4 (0.181 mi.)***	***Z296***	***954***
435 W 54 STREET	435 WEST 54 ST	E 1/8 - 1/4 (0.181 mi.)	Y297	957
RED APPLE COMPANIES	823 ELEVENTH AVE.	N 1/8 - 1/4 (0.183 mi.)	AF299	961
431 WEST 54TH STREET	***431 WEST 54TH STREET***	***E 1/8 - 1/4 (0.186 mi.)***	***Y308***	***972***
ATTILIO VLASICA AND NINA MILIN	***694 TENTH AVE***	***S 1/8 - 1/4 (0.198 mi.)***	***AH322***	***1013***
LEXUS OF MANHATTAN	829 ELEVENTH AVENUE	N 1/8 - 1/4 (0.198 mi.)	AF326	1031
BRITE REALTY L.L.C	***461 WEST 49TH STREET BA***	***SSE 1/8 - 1/4 (0.200 mi.)***	***AI331***	***1038***
459 WEST 49TH STREET	459 WEST 49TH STREET	SSE 1/8 - 1/4 (0.202 mi.)	AI336	1047
529 W 48 ST	***529 W 48 ST***	***SSW 1/8 - 1/4 (0.204 mi.)***	***AJ341***	***1057***
CIRKER'S CITY CENTER WAREHOUSE	430 WEST 55TH STREET	E 1/8 - 1/4 (0.204 mi.)	AC342	1060
457-459 W 49 ST	***457-459 W 49 ST***	***SSE 1/8 - 1/4 (0.204 mi.)***	***AI344***	***1065***
CBS BROADCAST CENTER NY	530 WEST 57TH STREET	NNE 1/8 - 1/4 (0.207 mi.)	AL365	1123
SAINT VINCENT'S MIDTOWN HOSPIT	415 WEST 51ST STREET	SE 1/8 - 1/4 (0.207 mi.)	AN368	1131
409 W 52 REALTY LLC	409 W 52ND ST	SE 1/8 - 1/4 (0.208 mi.)	Z372	1150

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
E & W REALTY LLC	688 10TH AVENUE	S 1/8 - 1/4 (0.208 mi.)	AH373	1152
521 WEST 57TH STREET	521 WEST 57TH STREET	NE 1/8 - 1/4 (0.209 mi.)	AL376	1210
504 WEST 48TH STREET HDFC	504 WEST 48TH STREET	SSW 1/8 - 1/4 (0.209 mi.)	AH378	1229
BMW-DEALERSHIP / COMMERCIAL BU	***555 WEST 57TH STREET***	***NNE 1/8 - 1/4 (0.209 mi.)***	***AL379***	***1231***
COLON COMPANY	***505 W 57TH ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***AP393***	***1273***
AREBA CASRIEL INST	***500 W 57TH ST***	***NE 1/8 - 1/4 (0.214 mi.)***	***AP399***	***1284***
407 W. 52 REALTY LLC	407 WEST 52ND STREET	SE 1/8 - 1/4 (0.214 mi.)	AS400	1287
ENVIRONMENTAL H.S. (M 834) OUT	444 WEST 56TH STREET	ENE 1/8 - 1/4 (0.216 mi.)	AM404	1308
423 WEST 55TH STREET	***423 WEST 55TH ST***	***E 1/8 - 1/4 (0.217 mi.)***	***AT408***	***1331***
LAWRENCE TULMAN	***432 WEST 49TH ST***	***SSE 1/8 - 1/4 (0.219 mi.)***	***AI414***	***1342***
444 WEST 49TH STREET PROPERTIE	444 WEST 49TH STREET	SSE 1/8 - 1/4 (0.219 mi.)	AI415	1346
409 WEST 54TH STREET	***409 WEST 54TH STREET***	***E 1/8 - 1/4 (0.220 mi.)***	***AO418***	***1376***
443 WEST 49TH STREET	***443 WEST 49TH STREET***	***SSE 1/8 - 1/4 (0.220 mi.)***	***AI419***	***1379***
FORMER POTAMKIN SHOWROOM	***601-615 WEST 57TH STREE***	***N 1/8 - 1/4 (0.224 mi.)***	***AF432***	***1399***
THE HELENA	601 WEST 57TH STREET	N 1/8 - 1/4 (0.224 mi.)	AF433	1404
H S OF GRAPHIC COMMUN ARTS - M	***439 W 49 ST***	***SSE 1/8 - 1/4 (0.225 mi.)***	***AI439***	***1437***
409 WEST 50TH STREET	409 WEST 50TH STREET	SSE 1/8 - 1/4 (0.227 mi.)	AN453	1475
WEST 55TH STREET OWNERS CORPOR	***415 EAST 55TH STREET***	***E 1/8 - 1/4 (0.229 mi.)***	***AO456***	***1480***
803 805 NINTH AVE APT HOUSE	***803/805 9TH AVE***	***ESE 1/8 - 1/4 (0.229 mi.)***	***AV457***	***1484***
401 WEST 53RD ST. A/K/A 801 NI	***401 WEST 53RD STREET***	***ESE 1/8 - 1/4 (0.230 mi.)***	***AV461***	***1497***
POTAMKIN TOYOTA	***623-629 WEST 57TH STREE***	***N 1/8 - 1/4 (0.233 mi.)***	***AF471***	***1520***
782 9TH AVENUE	782 NINTH AVENUE	SE 1/8 - 1/4 (0.234 mi.)	AS473	1531
786 9TH AVENUE	786 9TH AVENUE	ESE 1/8 - 1/4 (0.234 mi.)	AS477	1544
786 NINTH AVE TENANT INTRIM LE	***786 NINTH AVENUE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***AS479***	***1549***
54TH STREET BUS DEPOT	***806 9TH AVENUE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***AO483***	***1565***
811 9TH AVENUE	***811 9TH AVENUE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***AO484***	***1589***
881 TENTH AV LLC	881 TENTH AVENUE	NE 1/8 - 1/4 (0.235 mi.)	AP487	1599
402 W 51 ST	***402 W 51 ST***	***SE 1/8 - 1/4 (0.235 mi.)***	***AN488***	***1601***
BADEEM BUILDING COMPANY, LLC	469 WEST 57TH STREET	ENE 1/8 - 1/4 (0.237 mi.)	AU497	1629
GAMO REALTY CO	***693 TENTH AVE***	***S 1/8 - 1/4 (0.238 mi.)***	***AH503***	***1636***
819 9TH AVENUE	819 9 TH AVENUE	ESE 1/8 - 1/4 (0.238 mi.)	AO504	1639
WEST 57TH STREET OWNERSHIP COR	***467 WEST 57TH STREET***	***ENE 1/8 - 1/4 (0.239 mi.)***	***AU506***	***1645***
422 WEST 56TH ST.	422 WEST 56TH STREET	E 1/8 - 1/4 (0.243 mi.)	AT514	1670
766 NINTH CORP.	764-768 NINTH AVENUE	SE 1/8 - 1/4 (0.245 mi.)	AN519	1695
8 APT HOUSE	***455 W 48 ST***	***S 1/8 - 1/4 (0.245 mi.)***	***AY524***	***1736***
749 NINTH AVE	***749 9TH AVENUE***	***SE 1/8 - 1/4 (0.246 mi.)***	***AN529***	***1741***
VINCENT DOWNING	752 9TH AVENUE	SE 1/8 - 1/4 (0.246 mi.)	AN530	1744
ADDISON HALL OWNERS CORPORATIO	457 WEST 57TH STREET	ENE 1/8 - 1/4 (0.247 mi.)	AU531	1746
THE NICOLE/55TH & 9TH, LLC.	400 WEST 55TH STREET	E 1/8 - 1/4 (0.249 mi.)	AT533	1749

Lower Elevation	Address	Direction / Distance	Map ID	Page
500 WEST 52 STREET	500 WEST 52ND STREET	SSE 0 - 1/8 (0.015 mi.)	A26	124
CENTRO MARIA	***539 W 54 ST***	***NNE 0 - 1/8 (0.055 mi.)***	***B42***	***161***
501 WEST 51ST STREET	***501 WEST 51ST STREET***	***S 0 - 1/8 (0.057 mi.)***	***C46***	***168***
514 WEST 50TH STREET HDFC	514 WEST 50TH STREET	SSW 0 - 1/8 (0.107 mi.)	N131	410
619 W 54 ST	***619 WEST 54TH STREET***	***NNW 0 - 1/8 (0.121 mi.)***	***O181***	***563***
WHITEHALL STORAGE (OP. BY WHIT	635 WEST 51ST STREET	W 1/8 - 1/4 (0.135 mi.)	R224	741
514 WEST 49TH STREET	***514 WEST 49TH STREET***	***SSW 1/8 - 1/4 (0.155 mi.)***	***W257***	***860***
625 WEST 55TH STREET	625 WEST 55TH STREET	NNW 1/8 - 1/4 (0.198 mi.)	AG320	1010
STRIKA JERKOV	***519 WEST 48TH ST***	***SSW 1/8 - 1/4 (0.203 mi.)***	***W337***	***1049***
517 WEST 48TH STREET	***517 WEST 48TH STREET***	***SSW 1/8 - 1/4 (0.203 mi.)***	***AJ339***	***1053***
665 11TH AVE.	665 ELEVENTHTH AVENUE	SW 1/8 - 1/4 (0.214 mi.)	AE401	1290
FEDERAL EXPRESS - NYCA	621 WEST 48TH STREET	WSW 1/8 - 1/4 (0.230 mi.)	AQ458	1487
515 W 47 ST	515 WEST 47TH STREET	SSW 1/8 - 1/4 (0.237 mi.)	AJ494	1619
NEW YORK TELEPHONE	631 WEST 57TH STREET	N 1/8 - 1/4 (0.237 mi.)	AX496	1627

Lower Elevation	Address	Direction / Distance	Map ID	Page
DSNY MAN-4, 4A, 7 DISTRICT GAR	***786 12TH AVENUE***	***NNW 1/8 - 1/4 (0.244 mi.)***	***517***	***1673***
MANHATTAN WEST 4, 4A GARAGE	***650 WEST 57TH STREET***	***N 1/8 - 1/4 (0.245 mi.)***	***AX522***	***1709***

NY MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

A review of the NY MOSF list, as provided by EDR, and dated 04/02/2013 has revealed that there are 2 NY MOSF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GENERATING STATION	***850 12TH AVE***	***NNW 1/4 - 1/2 (0.362 mi.)***	***BI568***	***1865***
BARGE: SAWKILL/59 TH STREET GE	950 12TH AVENUE	N 1/4 - 1/2 (0.392 mi.)	BI574	1881

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 03/21/2013 has revealed that there is 1 NY ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST 61ST STREET TENNIS COURT	***218 WEST 61ST ST***	***NE 1/4 - 1/2 (0.408 mi.)***	***BN587***	***1928***

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 03/21/2013 has revealed that there is 1 NY INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST 61ST STREET TENNIS COURT	***218 WEST 61ST ST***	***NE 1/4 - 1/2 (0.408 mi.)***	***BN587***	***1928***

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 03/21/2013 has revealed that there are 6 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OFF-SITE CLINTON GREEN DEVELOP	51ST - 53RD ST. & 10TH	SSE 0 - 1/8 (0.083 mi.)	C85	251
ASTOR SUBSTATION PROJECT SITE	700 11TH AVE, 549-551 &	WSW 1/8 - 1/4 (0.130 mi.)	L205	688
OFF-SITE MID-BLOCK #57 PROJECT	615-649 WEST 57TH STREE	N 1/8 - 1/4 (0.230 mi.)	AF460	1493
WEST 61ST STREET SITE	229-251 WEST 60TH, ST.,	NNE 1/4 - 1/2 (0.364 mi.)	BE569	1873
WEST 61ST STREET TENNIS COURT	***218 WEST 61ST ST***	***NE 1/4 - 1/2 (0.408 mi.)***	***BN587***	***1928***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST 42ND STREET REDEVELOPMENT	605/615 WEST 42ND STREE	SW 1/4 - 1/2 (0.491 mi.)	BQ607	1998

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

NY HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 40 NY HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL S/S	***783 TENTH AVE***	***E 0 - 1/8 (0.060 mi.)***	***E48***	***173***
CLINTON MANOR	***535 WEST 51ST STREET***	***WSW 0 - 1/8 (0.062 mi.)***	***F59***	***213***
753 10 AVENUE	***753 TENTH AVENUE***	***SSE 0 - 1/8 (0.074 mi.)***	***C68***	***228***
HUDSONVIEW TERRACE APTS	***747 TENTH AVE***	***SSE 0 - 1/8 (0.082 mi.)***	***C76***	***240***
BELL ATLANTIC	766-770 11TH AVENUE	NNW 0 - 1/8 (0.084 mi.)	B88	259
MOBIL OIL-#17-JWN MOBIL	***718 11TH AVE***	***WSW 0 - 1/8 (0.095 mi.)***	***F113***	***351***
55TH ST TAXI GARAGE INCTHE FOU	***508 W 55 ST***	***NE 0 - 1/8 (0.106 mi.)***	***I130***	***406***
520 WEST 50TH STREET INC.	***520-522 WEST 50TH STREE***	***SSW 0 - 1/8 (0.107 mi.)***	***N132***	***412***
500 W. 56TH STREET	***509-511 WEST 55TH STREE***	***NE 0 - 1/8 (0.112 mi.)***	***I153***	***484***
POTAMKIN CHRYSLER CORP	***705 11TH AVE***	***WSW 0 - 1/8 (0.116 mi.)***	***L168***	***521***
CHURCH SACRED HEART OF JESUS	***457 WEST 51 ST***	***SSE 0 - 1/8 (0.122 mi.)***	***J187***	***584***
MANHATTAN FORD, LINCOLN-MERCUR	***787 11TH AVENUE***	***NNW 0 - 1/8 (0.124 mi.)***	***O190***	***592***
MARTIN MOTOR VOLVO	***700 11TH AVE***	***WSW 1/8 - 1/4 (0.127 mi.)***	***L197***	***626***
CONVENT OF THE SACRED HEART	***450 WEST 51ST STREET***	***SSE 1/8 - 1/4 (0.131 mi.)***	***Q213***	***721***
CON EDISON	***725 10TH AVE***	***S 1/8 - 1/4 (0.143 mi.)***	***T233***	***759***
HARBORVIEW TERRACE (AMSTERDAM	***520 WEST 55TH STREET***	***NE 1/8 - 1/4 (0.154 mi.)***	***X250***	***833***
444 W 54 ST HDFC	***444 WEST 54TH STREET***	***E 1/8 - 1/4 (0.163 mi.)***	***Y266***	***874***
CBS, INC.	***855 TENTH AVENUE***	***NE 1/8 - 1/4 (0.164 mi.)***	***AB268***	***880***
CON EDISON	***410 W 53RD ST***	***ESE 1/8 - 1/4 (0.201 mi.)***	***AD332***	***1042***
CBS BROADCAST CENTER	***524 WEST 57TH STREET***	***NNE 1/8 - 1/4 (0.205 mi.)***	***AL352***	***1088***
CBS BROADCAST CENTER NY	530 W 57TH ST	NNE 1/8 - 1/4 (0.207 mi.)	AL366	1127
BMW-DEALERSHIP / COMMERCIAL BU	***555 WEST 57TH STREET***	***NNE 1/8 - 1/4 (0.209 mi.)***	***AL379***	***1231***
COLON COMPANY	***505 W 57TH ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***AP393***	***1273***
CUMBERLAND FARMS	***707 TENTH AVE***	***S 1/8 - 1/4 (0.214 mi.)***	***AH402***	***1292***
419-421 W 55TH ST	419-421 WEST 55TH STREE	E 1/8 - 1/4 (0.223 mi.)	AO430	1396
FORMER POTAMKIN SHOWROOM	***601-615 WEST 57TH STREE***	***N 1/8 - 1/4 (0.224 mi.)***	***AF432***	***1399***
408 + 410 W 51ST	408/410 WEST 51ST STREE	SE 1/8 - 1/4 (0.226 mi.)	AN442	1458
THE AURORA	475 WEST 57TH STREET	ENE 1/8 - 1/4 (0.228 mi.)	AU454	1477
POTAMKIN TOYOTA	***623-629 WEST 57TH STREE***	***N 1/8 - 1/4 (0.233 mi.)***	***AF471***	***1520***
54TH STREET BUS DEPOT	***806 9TH AVENUE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***AO483***	***1565***
MOBIL SERVICE STATION 17-511	***842 11TH AVENUE***	***N 1/8 - 1/4 (0.241 mi.)***	***AW510***	***1657***

Lower Elevation	Address	Direction / Distance	Map ID	Page
619 W 54 ST	***619 WEST 54TH STREET***	***NNW 0 - 1/8 (0.121 mi.)***	***O181***	***563***
POTAMKIN CADILLAC INC.	***550-552 WEST 56TH STREE***	***NNE 1/8 - 1/4 (0.154 mi.)***	***252***	***843***
ADVANCED CONTRACTING CORP	***605 WEST 48TH STREET***	***SW 1/8 - 1/4 (0.222 mi.)***	***AQ426***	***1389***
BELL ATLANTIC	***610-630 WEST 48TH STREE***	***SW 1/8 - 1/4 (0.227 mi.)***	***AQ445***	***1463***
660 TWELTH AVENUE	***660 TWELTH AVENUE***	***WSW 1/8 - 1/4 (0.230 mi.)***	***AQ462***	***1500***
FORMER AIRBORNE EXPRESS FACILI	***631-649 WEST 57TH STREE***	***N 1/8 - 1/4 (0.237 mi.)***	***AX495***	***1621***
653 ELEVENTH AVENUE	653 ELEVENTH AVENUE	SW 1/8 - 1/4 (0.243 mi.)	AQ515	1672
DSNY MAN-4, 4A, 7 DISTRICT GAR	***786 12TH AVENUE***	***NNW 1/8 - 1/4 (0.244 mi.)***	***517***	***1673***
MANHATTAN WEST 4, 4A GARAGE	***650 WEST 57TH STREET***	***N 1/8 - 1/4 (0.245 mi.)***	***AX522***	***1709***

EXECUTIVE SUMMARY

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 04/05/2013 has revealed that there are 48 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
52ND ST Spill Number/Closed Date: 9901463 / 6/22/1999	52ND ST, 10TH & 11TH AV	SW 0 - 1/8 (0.013 mi.)	A24	122
52ND STREET Spill Number/Closed Date: 0505569 / 8/5/2005	52ND BETWEEN 10TH & 11T	SW 0 - 1/8 (0.013 mi.)	A25	123
549 WEST 52ND STREET Spill Number/Closed Date: 9909771 / 6/17/2010	549 WEST 52ND STREET	WSW 0 - 1/8 (0.015 mi.)	A28	130
EXCAVATION Spill Number/Closed Date: 1110657 / 2/13/2012	541 WEST 52ND ST	W 0 - 1/8 (0.018 mi.)	A30	133
COMMERCIAL PROPERTY Spill Number/Closed Date: 0305881 / 9/12/2003	553-561 WEST 52ND ST	W 0 - 1/8 (0.019 mi.)	A31	135
560 WEST 52ND STREET Spill Number/Closed Date: 0330007 / 5/1/2003	560 WEST 52ND STREET	W 0 - 1/8 (0.028 mi.)	A35	147
562 W.52ND ST Spill Number/Closed Date: 9912977 / 5/1/2003	562 W.52ND ST	W 0 - 1/8 (0.032 mi.)	A37	150
VACANT LOT Spill Number/Closed Date: 0706546 / 6/20/2008	***770 11TH AVE***	***N 0 - 1/8 (0.040 mi.)***	***B38***	***151***
IN PARKING LOT Spill Number/Closed Date: 0512738 / 7/13/2009 Spill Number/Closed Date: 9313414 / 2/15/1994	***766 11TH AVE***	***N 0 - 1/8 (0.040 mi.)***	***B40***	***155***
APARTMENT BLDG Spill Number/Closed Date: 9709805 / 2/25/2003	535 W. 51ST ST	SW 0 - 1/8 (0.056 mi.)	D44	165
MOBIL SERVICE STATION HPD Spill Number/Closed Date: 9803781 / 7/7/1999 Spill Number/Closed Date: 9712707 / 2/13/1998 Spill Number/Closed Date: 9010289 / 12/21/1990 Spill Number/Closed Date: 9308101 / Not Reported	783 10TH AVENUE	E 0 - 1/8 (0.060 mi.)	E50	183
ON STREET Spill Number/Closed Date: 0505561 / 8/5/2005	WEST 52ND 10TH AVE	SE 0 - 1/8 (0.062 mi.)	C56	197
CBS BROADCASTING Spill Number/Closed Date: 0403162 / Not Reported	***857 10TH AV***	***ESE 0 - 1/8 (0.062 mi.)***	***E58***	***199***
APARTMENT Spill Number/Closed Date: 9300130 / 4/2/1993	759 10TH AVE	SSE 0 - 1/8 (0.069 mi.)	C67	227
MANHOLE # 61725 Spill Number/Closed Date: 0401214 / 10/23/2006	11 TH AVE NEAR 52ND ST	WNW 0 - 1/8 (0.077 mi.)	G71	234
VAULT 5279 Spill Number/Closed Date: 1005149 / 10/18/2010	WEST 54TH ST AND 10TH A	ENE 0 - 1/8 (0.081 mi.)	E73	237
CONSTRUCTION Spill Number/Closed Date: 9911558 / 1/24/2001	54TH ST AND 10TH AVE	ENE 0 - 1/8 (0.082 mi.)	E75	239
VAULT #6326 Spill Number/Closed Date: 0514118 / 4/17/2006	500 W. 54 STREET	ENE 0 - 1/8 (0.083 mi.)	E78	243

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
1 GAL XFMR OIL FOUND IN VAULT Spill Number/Closed Date: 0702610 / 11/8/2007	WEST 54 STREET BET 9 &	ENE 0 - 1/8 (0.083 mi.)	E79	244
218249; 747 10TH AVE Spill Number/Closed Date: 1107827 / 10/20/2011 Spill Number/Closed Date: 0914426 / 9/3/2009 Spill Number/Closed Date: 1002582 / 6/17/2010	747 10TH AVE	SSE 0 - 1/8 (0.084 mi.)	C86	253
MANHOLE #62183 Spill Number/Closed Date: 9808452 / 11/4/2003	WEST 51ST ST & 10TH AVE	SSE 0 - 1/8 (0.084 mi.)	C87	257
CONSTRUCTION SITE Spill Number/Closed Date: 0412733 / 5/5/2005	51ST AND 52ND ON 10TH A	SSE 0 - 1/8 (0.084 mi.)	C89	263
11TH AVE BETWEEN 53 AND Spill Number/Closed Date: 9813102 / 2/13/2003	11TH AVE BET 53RD,54TH	NW 0 - 1/8 (0.085 mi.)	H90	264
FORMER VERIZON FACILITY Spill Number/Closed Date: 0703518 / 6/20/2008	***770 11TH AVE***	***NNW 0 - 1/8 (0.086 mi.)***	***B92***	***269***
MOBIL S/S #17-JWN Spill Number/Closed Date: 0206262 / 7/11/2003 Spill Number/Closed Date: 0405537 / 12/22/2006 Spill Number/Closed Date: 0501922 / 10/31/2005 Spill Number/Closed Date: 1109808 / 11/8/2011	718 11TH AVENUE	WSW 0 - 1/8 (0.091 mi.)	F95	273
AT&T WEB HOSTING & COMM OPERAT Spill Number/Closed Date: 0912497 / 4/1/2010	***811 10TH AVE***	***ENE 0 - 1/8 (0.094 mi.)***	***I99***	***286***
W 54TH ST & 11TH AVE Spill Number/Closed Date: 8905000 / Not Reported	W 54TH ST / 11TH AVE	NNW 0 - 1/8 (0.095 mi.)	H104	326
BUS Spill Number/Closed Date: 0608731 / 11/1/2006	54TH & 11TH AVE	NNW 0 - 1/8 (0.095 mi.)	H105	327
INFINITY OF MANHATTEN Spill Number/Closed Date: 0709710 / 12/10/2007	11TH AVE & 54TH STREET	NNW 0 - 1/8 (0.095 mi.)	H106	328
FIVE GAL GASOLINE IN EXCAVATIO Spill Number/Closed Date: 0802247 / 6/2/2008	WEST 51 STREET & 11 AVE	W 0 - 1/8 (0.095 mi.)	G107	330
54TH ST Spill Number/Closed Date: 9901462 / 6/22/1999	54TH ST & 11TH AV	NNW 0 - 1/8 (0.095 mi.)	H110	334
IN FRONT OF Spill Number/Closed Date: 0000276 / 4/7/2000 Spill Number/Closed Date: 0910510 / 2/16/2010	811 10TH AVE	ENE 0 - 1/8 (0.095 mi.)	I111	335
MOBIL OIL-#17-JWN MOBIL Spill Number/Closed Date: 0403447 / 12/22/2006 Spill Number/Closed Date: 0413534 / 10/31/2005 Spill Number/Closed Date: 0909441 / 6/11/2010	***718 11TH AVE***	***WSW 0 - 1/8 (0.095 mi.)***	***F113***	***351***
MANHOLE # 10190 Spill Number/Closed Date: 0808990 / 10/19/2009	447 - 55 WEST 53RD ST	E 0 - 1/8 (0.096 mi.)	E116	381
SACRED HEART SCHOOL Spill Number/Closed Date: 9909800 / 7/28/2005	456 WEST 52ND ST	SE 0 - 1/8 (0.099 mi.)	K118	383
604 WEST 54TH STREET Spill Number/Closed Date: 9605385 / 7/29/1996	604 WEST 54TH STREET	NNW 0 - 1/8 (0.099 mi.)	H119	385
EXXON MOBIL Spill Number/Closed Date: 0007323 / 7/11/2003	***714 11TH AVE***	***WSW 0 - 1/8 (0.102 mi.)***	***L121***	***388***
HARBORVIEW HOUSES -NYCHA Spill Number/Closed Date: 0206086 / 3/22/2011 Spill Number/Closed Date: 9111844 / 11/29/1994	***525 WEST 55TH ST***	***NE 0 - 1/8 (0.104 mi.)***	***M124***	***392***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE BULL MCCABE	***714 11TH AVE***	***WSW 0 - 1/8 (0.105 mi.)***	***L125***	***398***
Spill Number/Closed Date: 0206844 / 10/2/2002				
CMJ CHRYSLER JEEP	711 11TH AV	WSW 0 - 1/8 (0.110 mi.)	L151	473
Spill Number/Closed Date: 0304103 / 3/24/2008				
MANHATTAN CHRYSLER JEEP DODGE	711 11TH AVENUE	WSW 0 - 1/8 (0.110 mi.)	L152	476
Spill Number/Closed Date: 0751290 / 11/29/2010				
VACANT LOT	789 11TH AVE	NNW 0 - 1/8 (0.114 mi.)	O157	504
Spill Number/Closed Date: 0205140 / 11/21/2003				
CHRYSLER REALTY CORP	***706 11TH AVE***	***WSW 0 - 1/8 (0.116 mi.)***	***L173***	***548***
Spill Number/Closed Date: 9306238 / 11/9/2000				
Spill Number/Closed Date: 9211268 / 5/4/1993				
AMSTERDAM	W 55TH STREET	ENE 0 - 1/8 (0.120 mi.)	I177	559
Spill Number/Closed Date: 8911321 / 2/28/1990				
787 11TH AVE/MANHATTAN	787 11TH AVENUE	NNW 0 - 1/8 (0.121 mi.)	O179	561
Spill Number/Closed Date: 8909795 / 12/8/1992				
POTAMKIN CADILLAC	787 11TH AVE-1600 W. 55	NNW 0 - 1/8 (0.121 mi.)	O180	562
Spill Number/Closed Date: 9502418 / 5/26/1995				
ODOR OF GASOLINE IN EXCAVATION	704 11 AVENUE	WSW 0 - 1/8 (0.122 mi.)	L188	587
Spill Number/Closed Date: 0609328 / 3/19/2007				

Lower Elevation	Address	Direction / Distance	Map ID	Page
APARTMENT BUILDING	501 WEST 51ST ST	S 0 - 1/8 (0.057 mi.)	C45	166
Spill Number/Closed Date: 0813463 / 3/17/2009				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 02/12/2013 has revealed that there are 59 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLINTON HOUSES PARTNERS LP	554 W 53RD ST	N 0 - 1/8 (0.004 mi.)	A11	69
CON EDISION - V 5736	***800 10 AVE 800 10 AVE***	***E 0 - 1/8 (0.067 mi.)***	***E66***	***225***
CON EDISON	***500 W 54 ST***	***ENE 0 - 1/8 (0.080 mi.)***	***E72***	***235***
CON EDISON	54TH ST & 10TH AVE	ENE 0 - 1/8 (0.082 mi.)	E74	238
LUCENT TECHNOLOGIES INC	***811 10TH AVE - 19TH FLO***	***ENE 0 - 1/8 (0.094 mi.)***	***I101***	***320***
BELL ATLANTIC	***811 10TH AVE - 1ST FLOO***	***ENE 0 - 1/8 (0.094 mi.)***	***I102***	***322***
MOBIL SERVICE STATION	***783 10TH AVE & W 53RD S***	***SSE 0 - 1/8 (0.095 mi.)***	***J103***	***323***
MOBIL OIL-#17-JWN MOBIL	***718 11TH AVE***	***WSW 0 - 1/8 (0.095 mi.)***	***F113***	***351***
I P I USA CORP	***609 W 51ST ST***	***W 0 - 1/8 (0.108 mi.)***	***L138***	***434***
55TH CLINTON ASSOCIATES LLC	***509-511 W 55TH ST***	***NE 0 - 1/8 (0.112 mi.)***	***I154***	***497***
POTAMKIN CHRYSLER CORP	***705 11TH AVE***	***WSW 0 - 1/8 (0.116 mi.)***	***L168***	***521***
CHRYSLER REALTY CORP	***706 11TH AVE***	***WSW 0 - 1/8 (0.116 mi.)***	***L172***	***546***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON ED - V 2586	***834 10TH AVE***	***ENE 0 - 1/8 (0.122 mi.)***	***I183***	***577***
MANHATTAN FORD LINCOLN-MERCURY	***787 11TH AVE***	***NNW 0 - 1/8 (0.124 mi.)***	***O192***	***598***
MARTIN MOTOR VOLVO	***700 11TH AVE***	***WSW 1/8 - 1/4 (0.127 mi.)***	***L197***	***626***
POTAMKIN CADILLAC	***798 11TH AVE***	***N 1/8 - 1/4 (0.129 mi.)***	***O200***	***649***
CON EDISON	50TH ST & 11TH AVE	WSW 1/8 - 1/4 (0.130 mi.)	L209	700
CON EDISON MANHOLE 10190	445 W 53RD ST & 10TH AV	ESE 1/8 - 1/4 (0.133 mi.)	P215	726
CON EDISON MANHOLE 10190	445 W 53RD ST & 10TH AV	ESE 1/8 - 1/4 (0.133 mi.)	P216	727
CON EDISON MANHOLE 10190	441 W 53RD ST	ESE 1/8 - 1/4 (0.133 mi.)	P219	734
SAAR CO LLC - 601 WEST 50TH ST	***601 W 50TH ST***	***WSW 1/8 - 1/4 (0.134 mi.)***	***L223***	***739***
W T C AUTO CENTERS INC	***823 11TH AVE & 56TH ST***	***N 1/8 - 1/4 (0.145 mi.)***	***O236***	***769***
ARTKRAFT STRAUSS SIGN CO	***500 W 56TH ST***	***NE 1/8 - 1/4 (0.164 mi.)***	***AB270***	***887***
CON EDISON MANHOLE 43389	850 10TH AVE	NE 1/8 - 1/4 (0.164 mi.)	AB273	899
CON EDISON MANHOLE 43389	850 W 10 AVE	NE 1/8 - 1/4 (0.164 mi.)	AB276	902
AUTOTECH COLLISION	***614 W 56TH ST***	***N 1/8 - 1/4 (0.184 mi.)***	***AF304***	***967***
MARTIN HONDA	***677 11TH AVE***	***SW 1/8 - 1/4 (0.186 mi.)***	***AE310***	***975***
V5559	***524 W.57TH STREET***	***NNE 1/8 - 1/4 (0.206 mi.)***	***AL359***	***1097***
CON ED - V 1243	***540 W 57 ST***	***NNE 1/8 - 1/4 (0.208 mi.)***	***AL371***	***1148***
INTERNATIONAL FLAVORS & FRAGRA	***521 W 57TH ST 8TH FL***	***NE 1/8 - 1/4 (0.209 mi.)***	***AL377***	***1213***
NEW PENN MOTOR EXPRESS	***555 W 57TH ST - BAY ARE***	***NNE 1/8 - 1/4 (0.209 mi.)***	***AL381***	***1258***
MANHATTAN FORD L-M INC	***555 W 57TH ST***	***NNE 1/8 - 1/4 (0.209 mi.)***	***AL383***	***1265***
USDOJ DEA NORTHEAST LABORATORY	***555 W 57TH ST STE 1886***	***NNE 1/8 - 1/4 (0.209 mi.)***	***AL384***	***1267***
CON EDISION - MH 3319	***S/E/C W48 ST & 10 AVE S***	***S 1/8 - 1/4 (0.213 mi.)***	***AH396***	***1281***
CON ED - V 4023	***423 W 55 ST***	***E 1/8 - 1/4 (0.217 mi.)***	***AT407***	***1330***
MID BLOCK #57 PROJECT	***625 W 57TH ST***	***N 1/8 - 1/4 (0.224 mi.)***	***AF434***	***1407***
POTAMKIN TOYOTA	***601 W 57TH ST***	***N 1/8 - 1/4 (0.224 mi.)***	***AF435***	***1422***
GOODYEAR STORE #820	607 W 57TH ST	N 1/8 - 1/4 (0.227 mi.)	AF446	1468
GOODYEAR AUTO SERVICE CENTER	***607 W 57TH ST***	***N 1/8 - 1/4 (0.227 mi.)***	***AF448***	***1470***
AUTO TECH	***622 W 57TH ST***	***N 1/8 - 1/4 (0.231 mi.)***	***AF466***	***1511***
NYCTA	***806 9TH AVE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***AO482***	***1555***
MOBIL OIL CORP SS #511	***842 11TH AVE***	***N 1/8 - 1/4 (0.241 mi.)***	***AW508***	***1649***
CON EDISION - RV 6025	***455 WEST 48 ST 455 WEST***	***S 1/8 - 1/4 (0.245 mi.)***	***AY523***	***1734***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CLINTON GREEN	***500 W 53RD ST***	***ENE 0 - 1/8 (0.005 mi.)***	***A19***	***77***
MOVIELAB VIDEO INC	***619 W 54TH ST***	***NNW 0 - 1/8 (0.121 mi.)***	***O182***	***576***
MARTIN MANHATTAN HYUNDAI	***625 W 51ST ST***	***W 0 - 1/8 (0.124 mi.)***	***L193***	***602***
LITHOGRAPHERS FINISHING C	***635 W 54TH ST***	***NNW 1/8 - 1/4 (0.130 mi.)***	***O212***	***719***
SWEETHEART PRODUCTIONS INC	***611 W 50TH ST***	***WSW 1/8 - 1/4 (0.141 mi.)***	***L230***	***754***
COLUMBIA JOE	***620 W 52ND ST***	***WNW 1/8 - 1/4 (0.152 mi.)***	***U244***	***814***
US POSTAL SERVICE - VEH MAINT	***514 W 49TH ST***	***SSW 1/8 - 1/4 (0.155 mi.)***	***W256***	***855***
CON ED - V 5645	***618 W 55 ST***	***NNW 1/8 - 1/4 (0.183 mi.)***	***AG301***	***963***
SHERLE WAGNER INTL	***630 W 55TH ST***	***NNW 1/8 - 1/4 (0.185 mi.)***	***S306***	***970***
PORSCHE AUDI MANHATTAN	***625 W 55TH ST***	***NNW 1/8 - 1/4 (0.198 mi.)***	***AG321***	***1012***
CON ED - V 8433	***520 W 48TH ST***	***SSW 1/8 - 1/4 (0.205 mi.)***	***AJ348***	***1070***
ROYAL CARIBBEAN CRUISES LTD	***NEW YORK CITY PASSENGER***	***NNW 1/8 - 1/4 (0.220 mi.)***	***AG416***	***1348***
CELEBRITY CRUISES INC	***55TH ST & 12TH AVE PIER***	***NNW 1/8 - 1/4 (0.220 mi.)***	***AG417***	***1362***
CON EDISION - V0688	***98 EAST 52ND ST. 98 EAS***	***WNW 1/8 - 1/4 (0.221 mi.)***	***AR423***	***1387***
NEW YORK TELEPHONE CO	***610 W 48TH ST***	***SW 1/8 - 1/4 (0.227 mi.)***	***AQ444***	***1461***
NYC DEPT OF SANITATION - J SCH	***650 W 57TH ST M-W-4***	***N 1/8 - 1/4 (0.245 mi.)***	***AX520***	***1697***

EXECUTIVE SUMMARY

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 12/31/2011 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***WNW 1/4 - 1/2 (0.305 mi.)***	***0***	***38***

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 12/18/2012 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***WNW 1/4 - 1/2 (0.305 mi.)***	***0***	***38***

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 02/01/2013 has revealed that there are 148 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	554 W 53RD ST	N 0 - 1/8 (0.004 mi.)	A13	72
CON EDISON	538 W 53RD ST	NNE 0 - 1/8 (0.004 mi.)	A15	74
WEST 52ND AFFORDABLE DEVELOPER	533-541 W 52ND ST	SW 0 - 1/8 (0.006 mi.)	A21	107
CON EDISON	551 W 52 ST	W 0 - 1/8 (0.017 mi.)	A29	132
CON EDISON	559 W 52 ST	W 0 - 1/8 (0.026 mi.)	A34	146
CON EDISON	562 W 52ND ST	W 0 - 1/8 (0.031 mi.)	A36	148
CON EDISON	OPP 777 10TH AVE	ESE 0 - 1/8 (0.060 mi.)	C47	171
CONSOLIDATED EDISON	557 51TH ST.	SW 0 - 1/8 (0.061 mi.)	F51	190
CONSOLIDATED EDISON	W 53 ST & 10 AVE	E 0 - 1/8 (0.061 mi.)	E52	192
CON EDISON	53RD ST & 10TH AVE	E 0 - 1/8 (0.061 mi.)	E53	193
CONSOLIDATED EDISON	W 52 ST & 10 AVE	SE 0 - 1/8 (0.062 mi.)	C55	196
CONSOLIDATED EDISON	W 53 ST & 10 AVE MH4336	ESE 0 - 1/8 (0.062 mi.)	E61	217
CON EDISON	762 10TH AVE	SE 0 - 1/8 (0.064 mi.)	C62	219
CONSOLIDATED EDISON	V0547-31 W 51ST ST	WSW 0 - 1/8 (0.066 mi.)	F64	221
CON EDISION - V 5736	***800 10 AVE 800 10 AVE***	***E 0 - 1/8 (0.067 mi.)***	***E66***	***225***
CON EDISON	***500 W 54 ST***	***ENE 0 - 1/8 (0.080 mi.)***	***E72***	***235***
CON EDISON	51 ST & 10TH AVE	SSE 0 - 1/8 (0.083 mi.)	C84	250
NEW YORK TELEPHONE CO	***770 11TH AVE***	***NNW 0 - 1/8 (0.086 mi.)***	***B91***	***265***
CON EDISON	450 W 53 ST	ESE 0 - 1/8 (0.086 mi.)	E93	271
CON EDISON	727 11TH AVE	W 0 - 1/8 (0.089 mi.)	G94	272
CON EDISON	448 W 53RD ST	ESE 0 - 1/8 (0.092 mi.)	E97	280
AT&T WEB HOSTING & COMM OPERAT	***811 10TH AVE***	***ENE 0 - 1/8 (0.094 mi.)***	***I99***	***286***
LUCENT TECHNOLOGIES INC	***811 10TH AVE - 19TH FLO***	***ENE 0 - 1/8 (0.094 mi.)***	***I101***	***320***
MOBIL SERVICE STATION	***783 10TH AVE & W 53RD S***	***SSE 0 - 1/8 (0.095 mi.)***	***J103***	***323***
CONSOLIDATED EDISON	W. 51ST ST. & 11TH AVEN	W 0 - 1/8 (0.095 mi.)	G108	331
CON EDISON	746 10TH AVE	SSE 0 - 1/8 (0.098 mi.)	J117	382
CON EDISON	510 W 55 ST	NE 0 - 1/8 (0.104 mi.)	I123	391
CON EDISON	559 W 55 ST	NNE 0 - 1/8 (0.107 mi.)	M134	418

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST SIDE CLEANERS	***734 10TH AVE***	***S 0 - 1/8 (0.108 mi.)***	***J136***	***419***
I P I USA CORP	***609 W 51ST ST***	***W 0 - 1/8 (0.108 mi.)***	***L138***	***434***
CON EDISON	442 W 53RD ST	ESE 0 - 1/8 (0.109 mi.)	E141	439
CON EDISON	511 W 55TH ST	NE 0 - 1/8 (0.110 mi.)	I143	444
MANHATTAN JEEP EAGLE INC	***711 11TH AVE***	***WSW 0 - 1/8 (0.110 mi.)***	***L149***	***459***
55TH CLINTON ASSOCIATES LLC	***509-511 W 55TH ST***	***NE 0 - 1/8 (0.112 mi.)***	***I154***	***497***
CONSOLIDATED EDISON	440 WEST 53RD ST	ESE 0 - 1/8 (0.115 mi.)	P160	508
POTAMKIN CHRYSLER CORP	***705 11TH AVE***	***WSW 0 - 1/8 (0.116 mi.)***	***L168***	***521***
CHRYSLER REALTY CORP	***706 11TH AVE***	***WSW 0 - 1/8 (0.116 mi.)***	***L173***	***548***
CON ED - V 2586	***834 10TH AVE***	***ENE 0 - 1/8 (0.122 mi.)***	***I183***	***577***
CONSOLIDATED EDISON	834 10 AVE AND W 55 ST	ENE 0 - 1/8 (0.122 mi.)	I184	579
MANHATTAN FORD LINCOLN-MERCURY	***787 11TH AVE***	***NNW 0 - 1/8 (0.124 mi.)***	***O192***	***598***
MARTIN MOTOR VOLVO	***700 11TH AVE***	***WSW 1/8 - 1/4 (0.127 mi.)***	***L197***	***626***
CON EDISON	447 W 53RD ST	ESE 1/8 - 1/4 (0.127 mi.)	P198	647
POTAMKIN CADILLAC	***798 11TH AVE***	***N 1/8 - 1/4 (0.129 mi.)***	***O200***	***649***
CONSOLIDATED EDISON	50TH ST & 11TH AVE	WSW 1/8 - 1/4 (0.130 mi.)	L206	690
CONSOLIDATED EDISON	11TH AVE & 50TH ST	WSW 1/8 - 1/4 (0.130 mi.)	L208	696
CON EDISON	F/O 441 W 53RD ST	ESE 1/8 - 1/4 (0.133 mi.)	P214	724
CONED	441 WEST 53RD ST	ESE 1/8 - 1/4 (0.133 mi.)	P217	727
CONSOLIDATED EDISON	445 445 W 53RD ST AND 1	ESE 1/8 - 1/4 (0.133 mi.)	P218	733
CONSOLIDATED EDISON	445 WEST 53RD ST	ESE 1/8 - 1/4 (0.133 mi.)	P220	735
SAAR CO LLC - 601 WEST 50TH ST	***601 W 50TH ST***	***WSW 1/8 - 1/4 (0.134 mi.)***	***L223***	***739***
CON EDISON	437 W 53RD ST	ESE 1/8 - 1/4 (0.139 mi.)	P228	749
CON EDISON	***725 10TH AVE***	***S 1/8 - 1/4 (0.143 mi.)***	***T233***	***759***
PENSKE CADILLAC	798 11TH AVENUE & WEST	N 1/8 - 1/4 (0.149 mi.)	O238	774
ONE SOURCE NY INC	***W 53RD ST***	***ESE 1/8 - 1/4 (0.149 mi.)***	***P240***	***779***
CON EDISON	446 W 54TH ST	E 1/8 - 1/4 (0.160 mi.)	Y263	872
ARTKRAFT STRAUSS SIGN CO	***500 W 56TH ST***	***NE 1/8 - 1/4 (0.164 mi.)***	***AB270***	***887***
CONSOLIDATED EDISON - MH 43389	850 W 10 AVE	NE 1/8 - 1/4 (0.164 mi.)	AB274	900
CONSOLIDATED EDISON	850 10TH AVE	NE 1/8 - 1/4 (0.164 mi.)	AB275	901
CONSOLIDATED EDISON	461 W 55 ST AND 10 AVE	ENE 1/8 - 1/4 (0.166 mi.)	AC280	909
CONSOLIDATED EDISON	437 W 53 ST AND 10 AVE	ESE 1/8 - 1/4 (0.169 mi.)	AD284	919
CON EDISON	854 10TH AVE	NE 1/8 - 1/4 (0.171 mi.)	AB285	922
CON EDISON	419 W 53RD ST	ESE 1/8 - 1/4 (0.177 mi.)	AD291	931
NEW YORK TELEPHONE CO	***435 W 50TH ST***	***SSE 1/8 - 1/4 (0.179 mi.)***	***V293***	***934***
CON EDISON	416 W 53RD ST	ESE 1/8 - 1/4 (0.183 mi.)	AD302	965
CON EDISON	860 10TH AVE	NE 1/8 - 1/4 (0.184 mi.)	AB305	969
MARTIN HONDA	***677 11TH AVE***	***SW 1/8 - 1/4 (0.186 mi.)***	***AE310***	***975***
56TH STREET INCINERATOR	***W 56TH ST***	***N 1/8 - 1/4 (0.188 mi.)***	***AF314***	***989***
CON EDISON	425 W 54TH ST	E 1/8 - 1/4 (0.195 mi.)	Y317	1001
CON EDISON	436 W 55 ST	E 1/8 - 1/4 (0.195 mi.)	AC318	1002
CON EDISON	***410 W 53RD ST***	***ESE 1/8 - 1/4 (0.201 mi.)***	***AD332***	***1042***
CON EDISON	411 W 53RD ST	ESE 1/8 - 1/4 (0.201 mi.)	AD333	1045
DOWNTOWN IGNITION	***548 W 48TH ST***	***SSW 1/8 - 1/4 (0.205 mi.)***	***AJ350***	***1075***
CON EDISON	514 W 57TH ST	NE 1/8 - 1/4 (0.205 mi.)	AL355	1092
CONSOLIDATED EDISON	552 WEST 48 STREET	SW 1/8 - 1/4 (0.206 mi.)	AK356	1093
CONSOLIDATED EDISON	V1385-F/O 524 W 57TH ST	NNE 1/8 - 1/4 (0.206 mi.)	AL357	1096
CONSOLIDATED EDISON	V5380-524 W 57TH ST	NNE 1/8 - 1/4 (0.206 mi.)	AL358	1096
V5559	***524 W.57TH STREET***	***NNE 1/8 - 1/4 (0.206 mi.)***	***AL359***	***1097***
CBS BROADCAST CENTER	***518-564 W 57TH ST***	***NNE 1/8 - 1/4 (0.206 mi.)***	***AL360***	***1099***
CON EDISON	455 W 56 ST	ENE 1/8 - 1/4 (0.206 mi.)	AM363	1121
CON EDISON	528 W 57TH ST	NNE 1/8 - 1/4 (0.206 mi.)	AL364	1122
ST CLARES HOSP & HEALTH CTR#	***415 W 51ST ST***	***SE 1/8 - 1/4 (0.207 mi.)***	***AN369***	***1134***
CON ED - V 1243	***540 W 57 ST***	***NNE 1/8 - 1/4 (0.208 mi.)***	***AL371***	***1148***
IMPATH LABS	521 W 57TH ST	NE 1/8 - 1/4 (0.209 mi.)	AL375	1184
INTERNATIONAL FLAVORS & FRAGRA	***521 W 57TH ST 8TH FL***	***NE 1/8 - 1/4 (0.209 mi.)***	***AL377***	***1213***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW PENN MOTOR EXPRESS	***555 W 57TH ST - BAY ARE***	***NNE 1/8 - 1/4 (0.209 mi.)***	***AL381***	***1258***
GREEN WEST 57TH ST LLC	***W 57TH ST***	***NNE 1/8 - 1/4 (0.209 mi.)***	***AL382***	***1261***
CON EDISON	414 W 54 ST	E 1/8 - 1/4 (0.210 mi.)	AO385	1269
CON EDISON	511 W 57TH ST	NE 1/8 - 1/4 (0.210 mi.)	AP386	1270
CON EDISION - MH 3319	***S/E/C W48 ST & 10 AVE S***	***S 1/8 - 1/4 (0.213 mi.)***	***AH396***	***1281***
C2MEDIA	***423 W 55TH ST - 11TH FL***	***E 1/8 - 1/4 (0.217 mi.)***	***AT406***	***1310***
CON ED - V 4023	***423 W 55 ST***	***E 1/8 - 1/4 (0.217 mi.)***	***AT407***	***1330***
CON EDISON	404 W 53RD ST	ESE 1/8 - 1/4 (0.218 mi.)	AD409	1337
405 W 53RD DEVEOPMENT GROUP LL	405 -427 WEST 53RD STRE	ESE 1/8 - 1/4 (0.218 mi.)	AD412	1340
CONSOLIDATED EDISON	406 W. 51 ST STREET	SE 1/8 - 1/4 (0.221 mi.)	AN422	1384
CON EDISON	878 10TH AVE	NE 1/8 - 1/4 (0.221 mi.)	AP425	1389
CON EDISON	877 10TH AVE	NE 1/8 - 1/4 (0.223 mi.)	AP428	1396
MID BLOCK #57 PROJECT	***625 W 57TH ST***	***N 1/8 - 1/4 (0.224 mi.)***	***AF434***	***1407***
POTAMKIN TOYOTA	***601 W 57TH ST***	***N 1/8 - 1/4 (0.224 mi.)***	***AF435***	***1422***
HIGH SCHOOL OF GRAPHIC ARTS	***439 W 49TH ST***	***SSE 1/8 - 1/4 (0.225 mi.)***	***AI440***	***1442***
CON EDISON	880 10TH AVE	NE 1/8 - 1/4 (0.226 mi.)	AP441	1457
CON EDISON	404 W 51ST ST	SE 1/8 - 1/4 (0.227 mi.)	AN450	1472
CON EDISON	680 10TH AVE	S 1/8 - 1/4 (0.227 mi.)	AH451	1473
CON EDISON	620 W 57TH ST	N 1/8 - 1/4 (0.230 mi.)	AF463	1508
AUTO TECH	***622 W 57TH ST***	***N 1/8 - 1/4 (0.231 mi.)***	***AF466***	***1511***
DELTA FABRIC CARE CO INC DBA K	***782 NINTH AVE***	***SE 1/8 - 1/4 (0.234 mi.)***	***AS475***	***1533***
CON EDISON	***786 9TH AVE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***AS478***	***1546***
CON EDISON	473 W 57TH ST	ENE 1/8 - 1/4 (0.234 mi.)	AU481	1554
NYCTA	***806 9TH AVE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***AO482***	***1555***
CONSOLIDATED EDISON	495 W 57 ST & 10 AVE	ENE 1/8 - 1/4 (0.236 mi.)	AU489	1605
NEAT-O-CLEANERS	***815 9TH AVE***	***ESE 1/8 - 1/4 (0.237 mi.)***	***AO492***	***1608***
CONSOLIDATED EDISON	SB10994 F/O 469 W 57TH	ENE 1/8 - 1/4 (0.237 mi.)	AU498	1631
CON EDISON	469 W 57TH ST	ENE 1/8 - 1/4 (0.237 mi.)	AU500	1633
CONSOLIDATED EDISON	9TH AVE & W 54TH ST	ESE 1/8 - 1/4 (0.238 mi.)	AO502	1635
MOBIL OIL CORP SS #511	***842 11TH AVE***	***N 1/8 - 1/4 (0.241 mi.)***	***AW508***	***1649***
CON EDISON	FO 369 W 34TH ST EO 9TH	SE 1/8 - 1/4 (0.242 mi.)	AN512	1668
CON EDISION - RV 6025	***455 WEST 48 ST 455 WEST***	***S 1/8 - 1/4 (0.245 mi.)***	***AY523***	***1734***
CON EDISON	456 W 57TH ST	ENE 1/8 - 1/4 (0.245 mi.)	AU526	1740
CONSOLIDATED EDISON	831 9 AVE V9263	E 1/8 - 1/4 (0.246 mi.)	AO528	1741
CON EDISON	457 W 57TH ST	ENE 1/8 - 1/4 (0.247 mi.)	AU532	1748

Lower Elevation	Address	Direction / Distance	Map ID	Page
CLINTON GREEN	***500 W 53RD ST***	***ENE 0 - 1/8 (0.005 mi.)***	***A19***	***77***
CON EDISON	526 W 55 ST	NNE 0 - 1/8 (0.103 mi.)	M122	390
619 W 54 ST	***619 WEST 54TH STREET***	***NNW 0 - 1/8 (0.121 mi.)***	***O181***	***563***
ZUBACH MOTORS	***629 W 54TH ST***	***NNW 1/8 - 1/4 (0.130 mi.)***	***O211***	***709***
CON EDISON	634 W 51 ST	W 1/8 - 1/4 (0.135 mi.)	R225	743
SWEETHEART PRODUCTIONS INC	***611 W 50TH ST***	***WSW 1/8 - 1/4 (0.141 mi.)***	***L230***	***754***
COLUMBIA JOE	***620 W 52ND ST***	***WNW 1/8 - 1/4 (0.152 mi.)***	***U244***	***814***
CON EDISON	519 W 49 ST	SSW 1/8 - 1/4 (0.153 mi.)	W246	825
US POSTAL SERVICE - VEH MAINT	***514 W 49TH ST***	***SSW 1/8 - 1/4 (0.155 mi.)***	***W256***	***855***
CON EDISON	629 E 50TH ST	WSW 1/8 - 1/4 (0.156 mi.)	R258	864
CON EDISON	634 W 52ND ST	WNW 1/8 - 1/4 (0.169 mi.)	U283	918
CON EDISON	613 W 49 ST	WSW 1/8 - 1/4 (0.182 mi.)	AE298	959
CON ED - V 5645	***618 W 55 ST***	***NNW 1/8 - 1/4 (0.183 mi.)***	***AG301***	***963***
CON EDISON - W. 49TH STREET	***637 W. 49TH STREET***	***WSW 1/8 - 1/4 (0.198 mi.)***	***AA325***	***1018***
CON EDISON	634 W 49 ST	WSW 1/8 - 1/4 (0.198 mi.)	AA327	1033
CONSOLIDATED EDISON	716 12 AVE AND W 52 ST	WNW 1/8 - 1/4 (0.199 mi.)	U329	1036
CON ED - V 8433	***520 W 48TH ST***	***SSW 1/8 - 1/4 (0.205 mi.)***	***AJ348***	***1070***
NYCDEP	W 48TH ST BTW 10TH & 11	SW 1/8 - 1/4 (0.218 mi.)	AQ410	1338

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYNEX	11TH AVE & 48TH ST	SW 1/8 - 1/4 (0.218 mi.)	AQ411	1339
ROYAL CARIBBEAN CRUISES LTD	***NEW YORK CITY PASSENGER***	***NNW 1/8 - 1/4 (0.220 mi.)***	***AG416***	***1348***
CELEBRITY CRUISES INC	***55TH ST & 12TH AVE PIER***	***NNW 1/8 - 1/4 (0.220 mi.)***	***AG417***	***1362***
CON EDISION - V0688	***98 EAST 52ND ST. 98 EAS***	***WNW 1/8 - 1/4 (0.221 mi.)***	***AR423***	***1387***
VERIZON NEW YORK INC	605 W 48	SW 1/8 - 1/4 (0.221 mi.)	AQ424	1388
NYC DEPT SANITATION - WEST 55T	637 W 55TH STREET	NNW 1/8 - 1/4 (0.225 mi.)	AG437	1435
VERIZON (NEW YORK TELEPHONE CO	610 W 48TH ST	SW 1/8 - 1/4 (0.227 mi.)	AQ443	1459
CON EDISON	619 W 48 ST	WSW 1/8 - 1/4 (0.229 mi.)	AE455	1479
CON EDISON	OPP 620 W 48 ST	WSW 1/8 - 1/4 (0.232 mi.)	AQ468	1516
CON EDISON	624 W 48 ST	WSW 1/8 - 1/4 (0.234 mi.)	AQ480	1553
NYC DEPT OF SANITATION - J SCH	***650 W 57TH ST M-W-4***	***N 1/8 - 1/4 (0.245 mi.)***	***AX520***	***1697***

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 02/01/2013 has revealed that there are 8 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VERIZON	770 11TH AVE & 54TH ST	N 0 - 1/8 (0.040 mi.)	B39	154
CON EDISON - RIVERSIDE	***700 11TH AVE***	***WSW 1/8 - 1/4 (0.127 mi.)***	***L195***	***605***
ONE SOURCE NY INC	***W 53RD ST***	***ESE 1/8 - 1/4 (0.149 mi.)***	***P240***	***779***
VERIZON	435 WEST 50TH STREET	SSE 1/8 - 1/4 (0.179 mi.)	V294	946
CBS BROADCAST CENTER	***518-564 W 57TH ST***	***NNE 1/8 - 1/4 (0.206 mi.)***	***AL360***	***1099***
ESOTERIX GENETIC LABORATORIES	***521 W. 57TH STREET***	***NE 1/8 - 1/4 (0.209 mi.)***	***AL374***	***1154***
MOBIL	555 W 57TH ST	NNE 1/8 - 1/4 (0.209 mi.)	AL380	1258

Lower Elevation	Address	Direction / Distance	Map ID	Page
CLINTON GREEN	***500 W 53RD ST***	***ENE 0 - 1/8 (0.005 mi.)***	***A19***	***77***

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 02/01/2013 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ST VINCENTS MIDTOWN HOSPITAL	426 W 52ND ST	SE 1/8 - 1/4 (0.159 mi.)	Z261	869

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 04/19/2013 has revealed that there are 3 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST SIDE CLNRS/JOHN'S VALET	734 TENTH AVENUE	S 0 - 1/8 (0.108 mi.)	J137	434
KIM'S CLEANERS	782 NINTH AVENUE	SE 1/8 - 1/4 (0.234 mi.)	AS474	1533
TIMES CLEANERS/NEAT-O	815 9TH AVENUE	ESE 1/8 - 1/4 (0.237 mi.)	AO491	1608

NY E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the NY E DESIGNATION list, as provided by EDR, and dated 03/20/2013 has revealed that there are 5 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 61,TAXBLOCK 1079	720 11 AVENUE	WSW 0 - 1/8 (0.092 mi.)	F98	281
LOT 25,TAXBLOCK 1084	511 WEST 55 STREET	NE 0 - 1/8 (0.110 mi.)	I144	445
LOT 3,TAXBLOCK 1079	706 11 AVENUE	WSW 0 - 1/8 (0.116 mi.)	L171	542
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
LOT 42,TAXBLOCK 1098	614 WEST 51 STREET	W 0 - 1/8 (0.115 mi.)	L162	514
LOT 17,TAXBLOCK 1099	625 WEST 51 STREET	W 0 - 1/8 (0.124 mi.)	L194	604

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 5 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - WEST 65TH ST. WOR	WEST 65TH - WEST 66TH S	NE 1/2 - 1 (0.622 mi.)	612	2006
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CON EDISON - WEST 58TH ST. STA	11TH AVE. BETWEEN W. 58	NNE 1/4 - 1/2 (0.290 mi.)	545	1774
CON EDISON - WEST 45TH ST. GAS	12TH AVE BETWEEN WEST 4	SW 1/4 - 1/2 (0.405 mi.)	BM585	1927
CON EDISON - 12TH AVE. WORKS M	12TH AVE BETWEEN W 46TH	SW 1/4 - 1/2 (0.405 mi.)	BM586	1927
CON EDISON - WEST 42ND ST. GAS	WEST 41ST - WEST 42ND S	SW 1/2 - 1 (0.540 mi.)	611	2006

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 68 EDR US

EXECUTIVE SUMMARY

Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	548 W 53RD ST	N 0 - 1/8 (0.004 mi.)	A14	74
Not reported	550 W 53RD ST	N 0 - 1/8 (0.004 mi.)	A16	76
Not reported	540 W 53RD ST	NNE 0 - 1/8 (0.004 mi.)	A17	76
Not reported	532 W 53RD ST	NE 0 - 1/8 (0.004 mi.)	A18	77
Not reported	783 10TH AVE	E 0 - 1/8 (0.060 mi.)	E49	183
Not reported	748 11TH AVE	NW 0 - 1/8 (0.075 mi.)	B70	233
Not reported	750 10TH AVE	SSE 0 - 1/8 (0.083 mi.)	C80	245
Not reported	726 11TH AVE	W 0 - 1/8 (0.083 mi.)	G82	247
Not reported	718 11TH AVE	WSW 0 - 1/8 (0.095 mi.)	F115	379
Not reported	525 W 55TH ST	NE 0 - 1/8 (0.105 mi.)	M126	400
Not reported	508 W 55TH ST	NE 0 - 1/8 (0.106 mi.)	I129	406
Not reported	540 W 50TH ST	SW 0 - 1/8 (0.108 mi.)	N135	419
Not reported	465 W 51ST ST	SSE 0 - 1/8 (0.109 mi.)	J140	439
Not reported	511 W 55TH ST	NE 0 - 1/8 (0.110 mi.)	I145	447
Not reported	711 11TH AVE	WSW 0 - 1/8 (0.110 mi.)	L147	451
Not reported	466 W 51ST ST	SSE 0 - 1/8 (0.115 mi.)	J163	516
Not reported	500 W 55TH ST	ENE 0 - 1/8 (0.115 mi.)	I164	516
Not reported	455 W 53RD ST	ESE 0 - 1/8 (0.117 mi.)	P175	550
Not reported	798 11TH AVE	N 1/8 - 1/4 (0.129 mi.)	O199	649
Not reported	547 W 49TH ST	SW 1/8 - 1/4 (0.154 mi.)	W249	832
Not reported	542 W 49TH ST	SSW 1/8 - 1/4 (0.155 mi.)	W253	849
Not reported	504 W 56TH ST	NE 1/8 - 1/4 (0.161 mi.)	X264	873
Not reported	856 10TH AVE	NE 1/8 - 1/4 (0.176 mi.)	AB289	927
Not reported	823 11TH AVE	N 1/8 - 1/4 (0.183 mi.)	AF300	963
Not reported	614 W 56TH ST	N 1/8 - 1/4 (0.184 mi.)	AF303	966
Not reported	677 11TH AVE	SW 1/8 - 1/4 (0.186 mi.)	AE309	975
Not reported	675 11TH AVE	SW 1/8 - 1/4 (0.190 mi.)	AE316	1000
Not reported	868 10TH AVE	NE 1/8 - 1/4 (0.201 mi.)	AB334	1046
Not reported	692 10TH AVE	S 1/8 - 1/4 (0.201 mi.)	AH335	1047
Not reported	419 W 54TH ST	E 1/8 - 1/4 (0.204 mi.)	Y345	1068
Not reported	549 W 48TH ST	SSW 1/8 - 1/4 (0.205 mi.)	AJ346	1069
Not reported	548 W 48TH ST	SSW 1/8 - 1/4 (0.205 mi.)	AJ351	1087
Not reported	524 W 57TH ST	NNE 1/8 - 1/4 (0.205 mi.)	AL353	1091
Not reported	550 W 48TH ST	SSW 1/8 - 1/4 (0.205 mi.)	AJ354	1091
Not reported	455 W 56TH ST	ENE 1/8 - 1/4 (0.206 mi.)	AM362	1121
Not reported	417 W 54TH ST	E 1/8 - 1/4 (0.207 mi.)	AO370	1147
Not reported	666 11TH AVE	SW 1/8 - 1/4 (0.210 mi.)	AQ387	1271
Not reported	415 W 54TH ST	E 1/8 - 1/4 (0.211 mi.)	AO388	1271
Not reported	582 W 48TH ST	SW 1/8 - 1/4 (0.211 mi.)	AK389	1272
Not reported	450 W 49TH ST	SSE 1/8 - 1/4 (0.213 mi.)	AI390	1272
Not reported	449 W 56TH ST	ENE 1/8 - 1/4 (0.213 mi.)	AM391	1272
Not reported	505 W 57TH ST	NE 1/8 - 1/4 (0.213 mi.)	AP392	1272
Not reported	546 W 48TH ST	SW 1/8 - 1/4 (0.213 mi.)	AK397	1283
Not reported	500 W 48TH ST	S 1/8 - 1/4 (0.213 mi.)	AH398	1284
Not reported	600 W 57TH ST	N 1/8 - 1/4 (0.223 mi.)	AF429	1396
Not reported	601 W 57TH ST	N 1/8 - 1/4 (0.224 mi.)	AF436	1435
Not reported	607 W 57TH ST	N 1/8 - 1/4 (0.227 mi.)	AF447	1469
Not reported	609 W 57TH ST	N 1/8 - 1/4 (0.227 mi.)	AF452	1475
Not reported	617 W 57TH ST	N 1/8 - 1/4 (0.230 mi.)	AF464	1509
Not reported	622 W 57TH ST	N 1/8 - 1/4 (0.231 mi.)	AF467	1515
Not reported	831 9TH AVE	E 1/8 - 1/4 (0.246 mi.)	AO527	1740
Not reported	835 9TH AVE	E 1/8 - 1/4 (0.249 mi.)	AO534	1752

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	505 W 51ST ST	S 0 - 1/8 (0.056 mi.)	D43	164

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	629 W 54TH ST	NNW 1/8 - 1/4 (0.130 mi.)	O203	687
Not reported	641 W 54TH ST	NNW 1/8 - 1/4 (0.142 mi.)	S231	756
Not reported	618 W 52ND ST	WNW 1/8 - 1/4 (0.149 mi.)	U241	807
Not reported	620 W 52ND ST	WNW 1/8 - 1/4 (0.152 mi.)	U245	824
Not reported	624 W 52ND ST	WNW 1/8 - 1/4 (0.156 mi.)	U259	866
Not reported	637 W 50TH ST	WSW 1/8 - 1/4 (0.162 mi.)	R265	873
Not reported	614 W 49TH ST	WSW 1/8 - 1/4 (0.185 mi.)	AE307	971
Not reported	616 W 49TH ST	WSW 1/8 - 1/4 (0.186 mi.)	AE311	986
Not reported	618 W 49TH ST	WSW 1/8 - 1/4 (0.188 mi.)	AE313	988
Not reported	620 W 49TH ST	WSW 1/8 - 1/4 (0.189 mi.)	AA315	1000
Not reported	521 W 48TH ST	SSW 1/8 - 1/4 (0.203 mi.)	W338	1052
Not reported	680 12TH AVE	W 1/8 - 1/4 (0.217 mi.)	405	1310
Not reported	615 W 48TH ST	SW 1/8 - 1/4 (0.227 mi.)	AE449	1471
Not reported	642 W 57TH ST	N 1/8 - 1/4 (0.241 mi.)	AX507	1648
Not reported	653 11TH AVE	SW 1/8 - 1/4 (0.243 mi.)	AQ516	1673

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 22 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	762 10TH AVE	SE 0 - 1/8 (0.064 mi.)	C63	220
Not reported	747 10TH AVE	SSE 0 - 1/8 (0.082 mi.)	C77	243
Not reported	750 10TH AVE	SSE 0 - 1/8 (0.083 mi.)	C81	246
Not reported	790 11TH AVE	N 0 - 1/8 (0.114 mi.)	O159	508
Not reported	827 10TH AVE	ENE 0 - 1/8 (0.115 mi.)	I166	518
Not reported	734 10TH AVE	S 0 - 1/8 (0.120 mi.)	J178	560
Not reported	500 W 56TH ST	NE 1/8 - 1/4 (0.164 mi.)	AB271	897
Not reported	439 W 50TH ST	SSE 1/8 - 1/4 (0.166 mi.)	Q281	912
Not reported	435 W 50TH ST	SSE 1/8 - 1/4 (0.176 mi.)	V288	927
Not reported	858 10TH AVE	NE 1/8 - 1/4 (0.180 mi.)	AB295	953
Not reported	461 W 49TH ST	SSE 1/8 - 1/4 (0.200 mi.)	AI330	1038
Not reported	703 10TH AVE	S 1/8 - 1/4 (0.221 mi.)	AH420	1382
Not reported	794 9TH AVE	ESE 1/8 - 1/4 (0.233 mi.)	AS472	1530
Not reported	782 9TH AVE	SE 1/8 - 1/4 (0.234 mi.)	AS476	1544
Not reported	815 9TH AVE	ESE 1/8 - 1/4 (0.237 mi.)	AO493	1619
Not reported	469 W 57TH ST	ENE 1/8 - 1/4 (0.237 mi.)	AU499	1633
Not reported	365 W 51ST ST	SE 1/8 - 1/4 (0.242 mi.)	AN511	1667
Not reported	826 9TH AVE	E 1/8 - 1/4 (0.243 mi.)	AO513	1669
Not reported	829 9TH AVE	E 1/8 - 1/4 (0.245 mi.)	AO518	1695
Not reported	830 9TH AVE	E 1/8 - 1/4 (0.245 mi.)	AO525	1739

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	515 W 52ND ST	S 0 - 1/8 (0.005 mi.)	A20	107
Not reported	510 W 52ND ST	S 0 - 1/8 (0.007 mi.)	A23	122

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 471 records.

Site Name	Database(s)
8 WEST 13TH STREET TENANTS CORP. C	NY LIENS
WEST 30TH ST HELIPORT	NY TANKS
MTA #7 LINE EXTENSION C26505 (SITE	NY TANKS
425 CENTRAL PARK WEST	NY TANKS
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONED	NY MANIFEST
CONSOLIDATED EDISON - MH9875	NY MANIFEST
CONSOLIDATED EDISON OF NY	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
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CON EDISON	NY MANIFEST
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CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
NYCDEP	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
PLAZA WEST ASSOCIATES LLC	NY MANIFEST
EAST 11TH STREET (BETWEEN AVE C &	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
NYNEX	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST

CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CON EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
NYC DEP HAZ MAT UNIT	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
BELL ATLANTIC-NY	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
BELL ATLANTIC NY	NY MANIFEST
BELL ATLANTIC NY	NY MANIFEST
CON EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON - MH 62181	NY MANIFEST
NYC DEP	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON - MH 12261	NY MANIFEST
CON EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
NEW YORK CITY DEP	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST

CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
NEW YORK CITY ECONMIC DEV COPR	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONED	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CON ED - V 0289	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CELEBRITY CRUISE LINES	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
VS0707	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
NYC DEP	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CON EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON MH33863	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
MTA NYCT ROCKEFELLER CTR STA (B D	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
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CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON - FEEDER 54	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
NEW YORK CONDITIONALLY EXEMPT SMAL	PA MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST

EXECUTIVE SUMMARY

CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
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CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON MH402	NY MANIFEST
NYNEX	NY MANIFEST
NYCHA - RED HOOK WEST HOUSES	NY MANIFEST
472 ELLISON DRIVE	NJ SHWS, NJ VCP
57 LOCKATONG ROAD	NJ SHWS, NJ VCP
NYCDOS WEST 59TH STREET MTS	NY SWF/LF
NYC DOS WEST 30TH STREET RECYCLING	NY SWF/LF
239 WEST 264TH ST	NY LTANKS
GOTHAM WEST DEVELOPMENT	NY UST
38TH STREET YARD	NY UST
20 WEST 33RD STREET	NY AST
15 WEST 37TH STREET	NY AST
25 WEST 45 STREET ASSOCIATES, L.P.	NY AST
BERNARD T LOHMANN-APTS	NY AST
653 ELEVENTH AVENUE	NY AST
133 WEST 25TH STREET	NY AST
WEST 25TH STREET OWNERS, INC.	NY AST
159 WEST 25TH STREET LLC	NY AST
151 WEST 25TH STREET	NY AST
127 WEST 26TH STREET	NY AST
226 WEST 26TH ST LLC	NY AST
142 WEST 26TH STREET	NY AST
40 WEST 27TH ST	NY AST
153 WEST 27TH STREET	NY AST
146-48 WEST 28TH STREET	NY AST
134 WEST 29TH STREET	NY AST
146 WEST 29TH STREET	NY AST
WEST 30TH ST. RECYCLING FACILITY (	NY AST
259 WEST 30TH ST	NY AST
38 WEST 32ND STREET	NY AST
424 W 33RD STREET ASSOCIATES	NY AST
516 WEST 34TH STREET	NY AST
253 WEST 35TH STREET	NY AST
229 WEST 36TH STREET	NY AST
327 WEST 36TH ST	NY AST
3738 WEST CO	NY AST
148 WEST 37TH STREET	NY AST
MIDTOWN WEST A	NY AST
109 WEST 38TH L.L.C.	NY AST
102 WEST 38 STREET	NY AST
21 WEST 38 STREET	NY AST
28-30 WEST 38TH STREET OWNERS CORP	NY AST
37-38 WEST, LLC	NY AST
318 WEST 39TH STREET	NY AST
WEST SIDE LOFTS LTD	NY AST

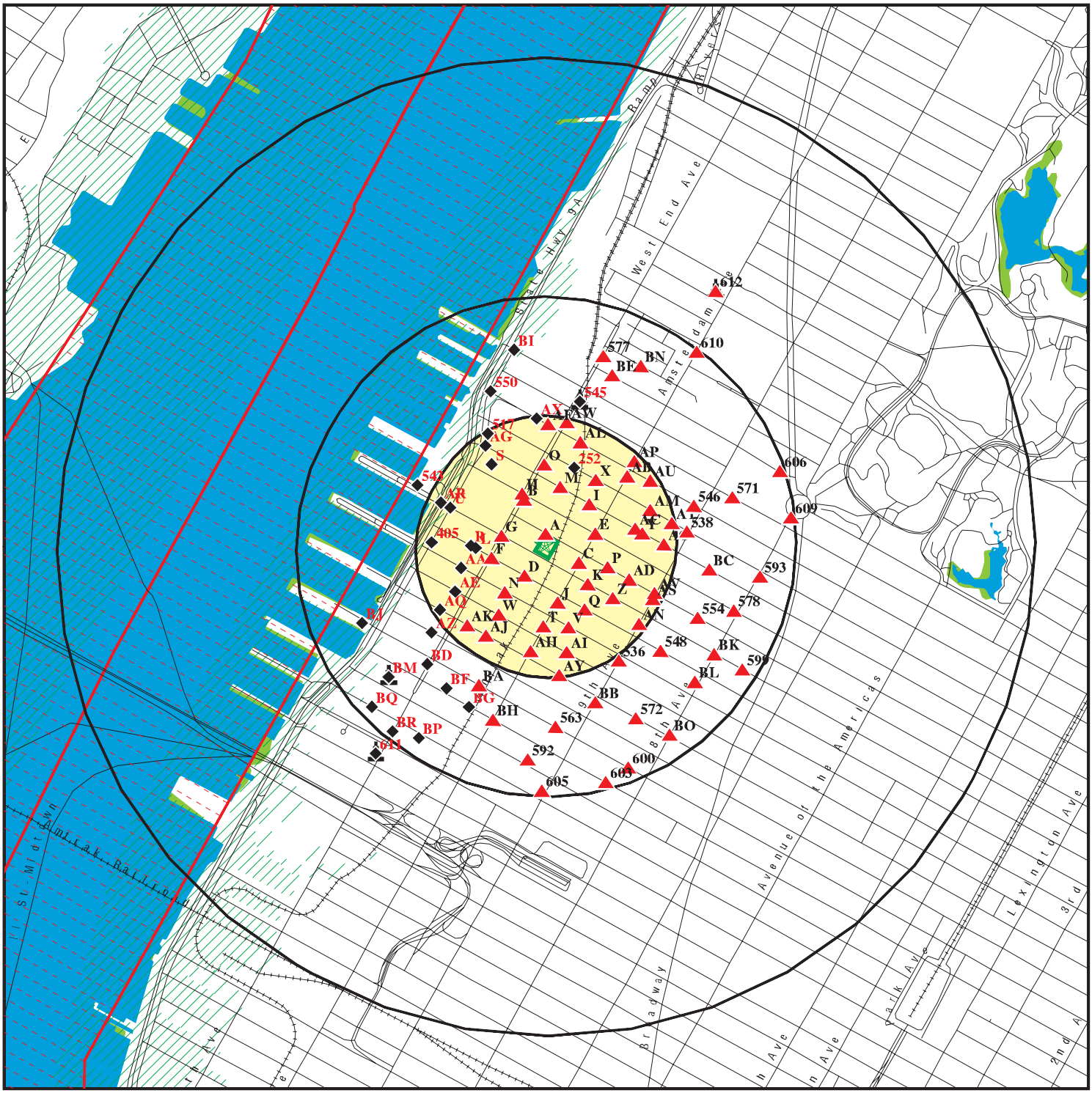
66-70 WEST 40TH ST	NY AST
58-64 WEST 40TH ST	NY AST
80 WEST 40TH ST ASSOCOCIATES	NY AST
300 W 43RD STREET	NY AST
432 WEST 45TH STREET	NY AST
33 WEST 46TH STREET LLC	NY AST
150 WEST 47TH STREET	NY AST
64 WEST 48TH STREET	NY AST
537 WEST 49TH STREET	NY AST
THE 305 WEST 52 CONDOMINIUM	NY AST
CBS CORPORATION	NY AST
THE ELLINGTON	NY AST
NEIL SIMON THEATRE	NY AST
300 WEST 53 CONDOMINIUM	NY AST
MIDWEST COURT, LLC	NY AST
419-421 W 55TH ST	NY AST
15-19 W 55 ST	NY AST
401 WEST 56TH ST	NY AST
157 WEST 57TH ST	NY AST
221 WEST 57TH ST	NY AST
63RD WEST REALTY	NY AST
33 WEST 63RD ST	NY AST
25 WEST 64 ST OWNERS CORP.	NY AST
29 WEST 64TH STREET OWNRS CORP	NY AST
30 WEST 70TH STREET ASSOC. LLC	NY AST
171 WEST 71TH STREET CORP.	NY AST
166 WEST 72ND ST	NY AST
119-23 WEST 72ND STREET OWNERS COR	NY AST
WEST PIERRE ASSOC. LLC	NY AST
322 WEST 72 APT CORP	NY AST
160 WEST 73RD ST	NY AST
WEST 73RD TENANTS CORP COOPER SQ	NY AST
255 WEST 75 ST	NY AST
WEST PARK HOUSING CORP	NY AST
320 WEST 76 CORPORATION	NY AST
520 8TH AVENUE & 266 W. 37TH STREE	NY AST
229 WEST 74TH ST CORP	NY AST
75 CENTRAL PARK WEST CORP	NY AST
300 WEST END AVE ASSOCIATES CORP	NY AST
905 WEST END AVENUE ASSOCIATES, LL	NY AST
449 W46TH STREET	NY AST
108 WEST 25 STREET CONDOMINIUM ASS	NY AST
511 WEST 25TH STREET	NY AST
145 WEST 28TH STREET	NY AST
44 WEST 28 PENN PLAZA PROPERTIES L	NY AST
NYCT - SUBSTATION WEST 73RD STREET	RCRA-SQG
MTA #7 LINE EXTENSION PROJECT - SI	RCRA-LQG
CON EDISON - SERVICE BOX 10994	RCRA-LQG
CON EDISON - MANHOLE 10194	RCRA-LQG
CON EDISON - SERVICE BOX 12275	RCRA-LQG
CON EDISON - MANHOLE 10618	RCRA-LQG
MANHATTAN WEST PLATFORM	RCRA-LQG
NYCDOT BIN 2245010	RCRA-LQG
CON EDISON MANHOLE MH62182	RCRA NonGen / NLR
CON EDISON	RCRA NonGen / NLR
CON EDISON	RCRA NonGen / NLR
CON EDISON	RCRA NonGen / NLR
CON EDISON MANHOLE 60137	RCRA NonGen / NLR
CON EDISON MANHOLE 61007	RCRA NonGen / NLR
CON EDISON	RCRA NonGen / NLR
CON EDISON MANHOLE 43432	RCRA NonGen / NLR
CON EDISON MANHOLE 411	RCRA NonGen / NLR

CON EDISON MANHOLE 412	RCRA NonGen / NLR
CON EDISON MANHOLE 413	RCRA NonGen / NLR
CON EDISON MANHOLE 60103	RCRA NonGen / NLR
CON EDISON MANHOLE 10300	RCRA NonGen / NLR
CON EDISON MANHOLE 43311	RCRA NonGen / NLR
NYC DEP	RCRA NonGen / NLR
CON EDISON SERVICE BOX 32442	RCRA NonGen / NLR
CON EDISON MANHOLE 32452	RCRA NonGen / NLR
CON EDISON MANHOLE 32462	RCRA NonGen / NLR
CON EDISON MANHOLE 46759	RCRA NonGen / NLR
CON EDISON MANHOLE	RCRA NonGen / NLR
CON EDISON MANHOLE 43375	RCRA NonGen / NLR
CON EDISON	RCRA NonGen / NLR
MTA NYCT	RCRA NonGen / NLR
CONRAIL N 72 STREET	RCRA NonGen / NLR, FINDS
CON EDISON MANHOLE 43368	RCRA NonGen / NLR
CON EDISON - MANHOLE 407	RCRA NonGen / NLR
CON EDISON	RCRA NonGen / NLR
CON EDISON - RECTIFIER 6016	RCRA NonGen / NLR
CON EDISON MANHOLE 9875	RCRA NonGen / NLR
MANHATTAN WEST PROJECT - BRODSKY O	RCRA NonGen / NLR, FINDS
CON EDISON	RCRA-CESQG
CON EDISON	RCRA-CESQG
CON EDISON	RCRA-CESQG
CON EDISON	RCRA-CESQG
CON EDISON	RCRA-CESQG
CON EDISON	RCRA-CESQG
325 SPRING STREET (USP MANHATT	HMIRS
BETWEEN E 13TH STREET SUB STATION	ERNS
637 WEST 49TH ST	ERNS
241 WEST 76TH ST.	ERNS
37 -23 11TH STREET	ERNS
20TH AVE AND 31ST STREET	ERNS
WEST 220TH ST. AND BROADWAY	ERNS
28TH STREET STATION	ERNS
123 WEST 40TH	ERNS
WEST 49TH STREET	ERNS
WEST 49TH STREET	ERNS
96TH STREET STATION	ERNS
56 CROSBY STREET AND 512 BOARDWAY	ERNS
INTERSECTION OF STATION ROAD AND 1	ERNS
NORTH RIVER WATER POLLUTION CONTRO	ERNS
138 WOSSTER STREET	ERNS
FERNBROOK ST WEST OF LUDLOW STREET	ERNS
FERNBROOK ST WEST OF LUDLOW STREET	ERNS
DOVER WEST SIDE AREA A	US BROWNFIELDS, FINDS
DOVER WEST SIDE AREA C	US BROWNFIELDS, FINDS
DOVER WEST SIDE AREA B	US BROWNFIELDS, FINDS
NYCT - SUBSTATION WEST 73RD STREET	FINDS
EAST 34TH STREET	FINDS
WEST 30TH ST.	FINDS
W 116TH STREET AND LENOX AVENUE	FINDS
PARK WEST VILLAGE	NY Spills
OPEN LAND -PAPER STREET	NY Spills
10TH AVENUE / DIVISION AV	NY Spills
3150 WEST 115TH	NY Spills
WEST 235TH STREET / BRONX	NY Spills
MOTOR OIL	NY Spills
215557; E 39 STREET AND TUNNEL ENT	NY Spills
215452; W 39 STREET AND KENT AVENU	NY Spills
MANHATTAN SUBSTATION WEST 49TH ST	NY Spills
212275; 410-416 54 ST	NY Spills

EXECUTIVE SUMMARY

59TH GENERATION STATION	NY Spills
33885 MANHOLE	NY Spills
215275; 99 STREET AND 55 AVENUE	NY Spills
ACADEMY STREET SUBSTATION	NY Spills
215286; BATCHELDER STREET AND AVEN	NY Spills
215412; BAY 47 STREET AND BATH AVE	NY Spills
215348; BEDFORD AVENUE AND E 120TH	NY Spills
GRID # 39 WEST 61ST STREE	NY Spills
213674; BOWNE STREET AND SANFORD S	NY Spills
CANAL STREET	NY Spills
216143; CEDAR AVENUE AND W 182 STR	NY Spills
210815; FLUSHING AVENUE AND ADELPH	NY Spills
212325; GERARD AVENUE AND E151 STR	NY Spills
215632; GOLD STREET AND MYRTLE AVE	NY Spills
214087; HARDING STREET AND AVENUE	NY Spills
ON STREET	NY Spills
215120; LAWRENCE STREET AND MYRTLE	NY Spills
LEXIGTON AND 56TH STREET	NY Spills
RUST STREET & 56TH STREET	NY Spills
215566; SOUTHERN BLVD AND 172 STRE	NY Spills
600 WEST DRIVE / QUEENS	NY Spills
215046; E138 STREET AND LOCUST AVE	NY Spills
SOUTHFERRY TERM. CONSTUCT	NY Spills
PIER 15, PIER 16, PIER 17 SOUTH ST	NY Spills
212463; WEST TREMONT AVENUE & PHEL	NY Spills
STREET SPILL	NY Spills
216108; WATER STREET AND NEW DOCK	NY Spills
215931; WATER STREET AND NEW DOCK	NY Spills
1100-1114 MADISON STREET & 1101-11	NJ VCP
CE - W. 58TH ST. STATION	NY VCP
THE CONTAINER STORE	NJ VCP
PARAMUS CAR WASH,TWIN OAKS DINER &	NJ VCP
S BRUNSWICK SQUARE SHOPPING CENTER	NJ VCP
NYCDOS W 30TH ST RECYCLING FACILIT	NY SWRCY
NYCDOS - 59TH STREET MARINE TRANSF	ICIS
PENSKE AUTO CENTER OF NY INC	NY HIST UST, NY HIST AST
516 WEST 34TH STREET	NY HIST AST
36 WEST 47TH ST	NY HIST AST
406 WEST 47TH STREET, HDFC	NY HIST AST
34-36 WEST 46TH STREET	NY HIST AST

OVERVIEW MAP - 3650632.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 525 West 52nd Street	CLIENT: Langan Engineering
ADDRESS: 525 West 52nd Street New York NY 10019	CONTACT: Christine Madsen
LAT/LONG: 40.7668 / 73.992	INQUIRY #: 3650632.2s DATE: June 28, 2013 10:13 am

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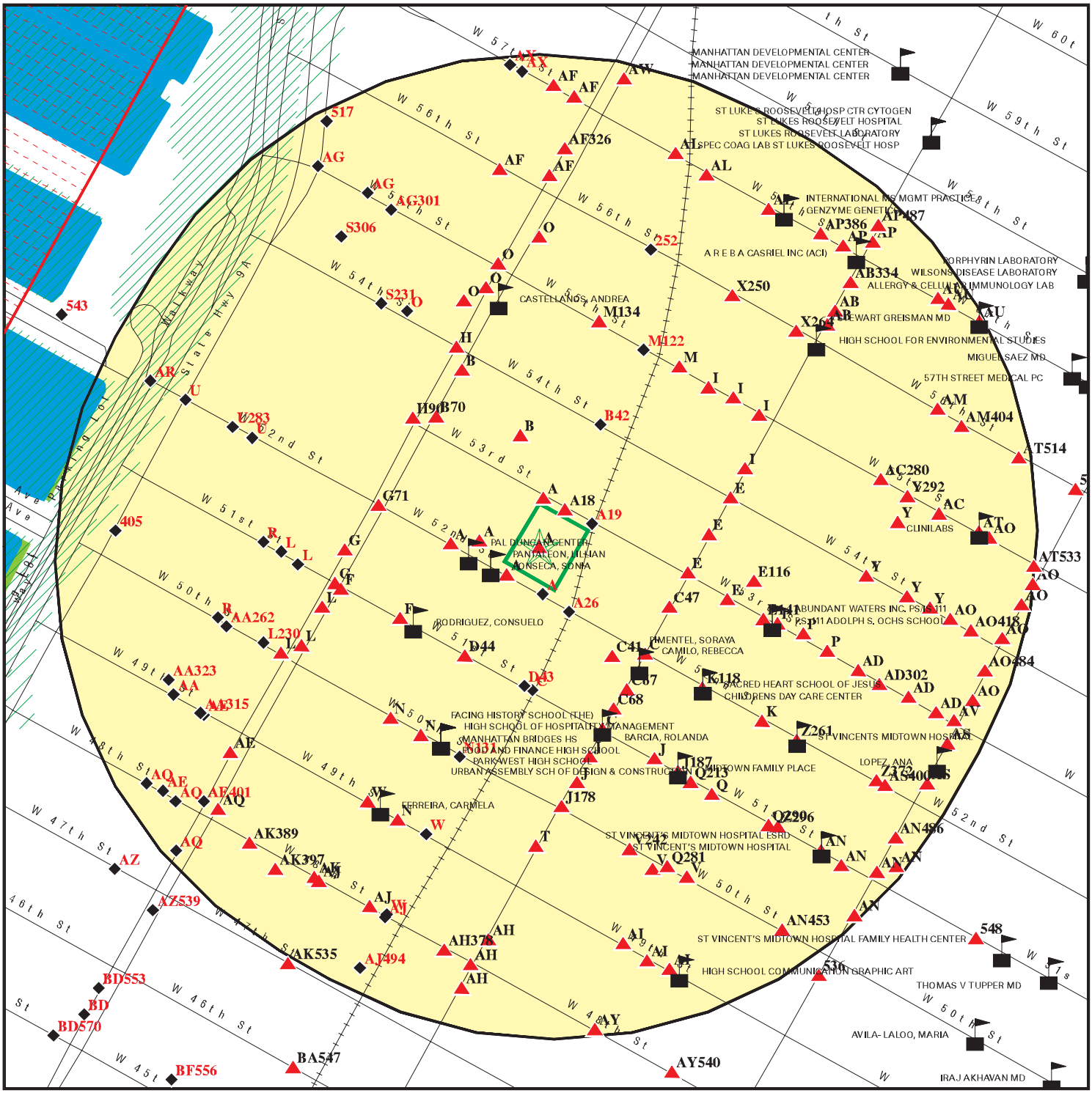
DETAIL MAP - 3650632.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 525 West 52nd Street	CLIENT: Langan Engineering
ADDRESS: 525 West 52nd Street New York NY 10019	CONTACT: Christine Madsen
LAT/LONG: 40.7668 / 73.992	INQUIRY #: 3650632.2s DATE: June 28, 2013 10:22 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	1	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	1	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250	1	3	3	NR	NR	NR	7
RCRA-SQG	0.250		1	4	NR	NR	NR	5
RCRA-CESQG	0.250		4	18	NR	NR	NR	22
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	1	NR	NR	1
US INST CONTROL	0.500		0	0	1	NR	NR	1
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP	1	NR	NR	NR	NR	NR	1
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	0	0	0	NR	0
NJ SHWS	1.000		0	0	0	0	NR	0
NY VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		0	1	2	NR	NR	3
NJ SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
NY LTANKS	0.500		14	22	66	NR	NR	102

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
NY TANKS	0.250		2	3	NR	NR	NR	5
NY UST	0.250		17	26	NR	NR	NR	43
NJ UST	0.250		0	0	NR	NR	NR	0
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY AST	0.250	1	28	89	NR	NR	NR	118
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	2	NR	NR	2
NY CBS	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY ENG CONTROLS	0.500		0	0	1	NR	NR	1
NJ ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	1	NR	NR	1
NJ INST CONTROL	0.500		0	0	0	NR	NR	0
NY RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
NJ VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY ERP	0.500		0	0	0	NR	NR	0
NY BROWNFIELDS	0.500		1	2	3	NR	NR	6
NJ BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	0.500		0	0	0	NR	NR	0
NJ SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		13	27	NR	NR	NR	40
NY HIST AST	TP	1	NR	NR	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
NY LIENS	TP		NR	NR	NR	NR	NR	0
NJ LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125	1	48	NR	NR	NR	NR	49
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
NJ SPILLS 80	0.125		0	NR	NR	NR	NR	0
NJ SPILLS 90	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	17	42	NR	NR	NR	60
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	1	0	NR	1
ROD	1.000		0	0	1	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	5	NR	NR	NR	NR	NR	5
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NJ UIC	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250	2	43	105	NR	NR	NR	150
NJ MANIFEST	0.250		2	6	NR	NR	NR	8
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NY DRYCLEANERS	0.250		1	2	NR	NR	NR	3
NJ DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY SPDES	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NJ NPDES	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY E DESIGNATION	0.125		5	NR	NR	NR	NR	5
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
NJ Financial Assurance	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
NJ COAL ASH	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	3	2	NR	5
EDR US Hist Auto Stat	0.250		19	49	NR	NR	NR	68
EDR US Hist Cleaners	0.250		8	14	NR	NR	NR	22

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **TANA SEYBERT** **NY MANIFEST** **S109584896**
Target **525 W. 52ND STREET** **N/A**
Property **NEW YORK, NY 10019**

Site 1 of 37 in cluster A

Actual:
22 ft.

NY MANIFEST:

EPA ID:	NYR000076323
Country:	USA
Mailing Name:	TANA SEYBERT
Mailing Contact:	TOM SUSKIN
Mailing Address:	525 W 52ND ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-453-9300

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-14
Trans1 Recv Date:	2009-04-14
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-04-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	4824.0
Units:	P - Pounds
Number of Containers:	13.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904482JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported

TANA SEYBERT (Continued) **S109584896**

Trans1 State ID:	054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-17
Trans1 Recv Date:	2009-02-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-03
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	4431.0
Units:	P - Pounds
Number of Containers:	12.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904400JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-01-14
Trans1 Recv Date:	2009-01-14
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-01-20
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	660.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	12.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904355JJK

TANA SEYBERT (Continued) **S109584896**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-03-17
Trans1 Recv Date:	2009-03-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	550.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	10.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904444JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-05-19
Trans1 Recv Date:	2009-05-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-05-26

TANA SEYBERT (Continued) **S109584896**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	3446.0
Units:	P - Pounds
Number of Containers:	11.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-01-14
Trans1 Recv Date:	2009-01-14
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-01-20
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	660.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	12.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904355JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

TANA SEYBERT (Continued) **S109584896**

Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-14
Trans1 Recv Date:	2009-04-14
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-04-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	4824.0
Units:	P - Pounds
Number of Containers:	13.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904482JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-17
Trans1 Recv Date:	2009-02-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-03
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626

TANA SEYBERT (Continued) **S109584896**

Waste Code:	Not reported
Quantity:	4431.0
Units:	P - Pounds
Number of Containers:	12.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904400JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-03-17
Trans1 Recv Date:	2009-03-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	550.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	10.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904444JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

TANA SEYBERT (Continued) **S109584896**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-08-26
Trans1 Recv Date:	2009-08-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-09-08
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	550.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	10.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904698JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-05-19
Trans1 Recv Date:	2009-05-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-05-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	3446.0
Units:	P - Pounds
Number of Containers:	11.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0

TANA SEYBERT (Continued) **S109584896**

Year:	2009
Manifest Tracking Num:	003904546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-07-28
Trans1 Recv Date:	2009-07-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-08-10
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	550.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	10.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904639JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-03-17
Trans1 Recv Date:	2009-03-17

TANA SEYBERT (Continued) **S109584896**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	550.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	10.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904444JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-07-01
Trans1 Recv Date:	2009-07-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-07-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	550.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	10.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904604JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

TANA SEYBERT (Continued) **S109584896**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-14
Trans1 Recv Date:	2009-04-14
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-04-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	4824.0
Units:	P - Pounds
Number of Containers:	13.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904482JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-17
Trans1 Recv Date:	2009-02-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-03
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported

TANA SEYBERT (Continued) **S109584896**

Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	4431.0
Units:	P - Pounds
Number of Containers:	12.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904400JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-01-14
Trans1 Recv Date:	2009-01-14
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-01-20
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	660.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	12.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904355JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

TANA SEYBERT (Continued) **S109584896**

Mgmt Method Type Code: H061

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 2009-01-14
Trans1 Recv Date: 2009-01-14
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-01-20
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000076323
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: SCD036275626
Waste Code: Not reported
Quantity: 660.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 12.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 003904355JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H061

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 2009-12-04
Trans1 Recv Date: 2009-12-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-12-15
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000076323
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: SCD036275626
Waste Code: Not reported
Quantity: 40.0
Units: P - Pounds
Number of Containers: 1.0

TANA SEYBERT (Continued) **S109584896**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904878JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2009-08-26
Trans1 Recv Date:	2009-08-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-09-08
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076323
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	550.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	10.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003904698JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Click this hyperlink while viewing on your computer to access
10 additional NY_MANIFEST: record(s) in the EDR Site Report.

A2
Target
Property

TANA SEYBERT
525 WEST 52ND STREET
NEW YORK, NY 10019

RCRA-LQG **1004761120**
FINDS **NYR000076323**

Site 2 of 37 in cluster A

Actual:
22 ft.

RCRA-LQG:

Date form received by agency:	02/26/2008
Facility name:	TANA SEYBERT
Facility address:	525 WEST 52ND STREET NEW YORK, NY 10019
EPA ID:	NYR000076323
Mailing address:	WEST 52ND STREET NEW YORK, NY 10019
Contact:	CHRISTOPHER SWANSON
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(212) 453-9300
Contact email:	WBROMIRSKI@PRIMEENVIRONMENTAL.COM
EPA Region:	02
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	TANA SEYBERT
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/01/2005
Owner/Op end date:	Not reported

Owner/operator name:	TANA SEYBERT
Owner/operator address:	WEST 52ND STREET NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/01/2005
Owner/Op end date:	Not reported

Handler Activities Summary:

TANA SEYBERT (Continued) **1004761120**

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2007
Facility name: TANA SEYBERT
Classification: Large Quantity Generator

Date form received by agency: 02/15/2006
Facility name: TANA SEYBERT
Classification: Large Quantity Generator

Date form received by agency: 02/14/2006
Facility name: TANA SEYBERT
Classification: Small Quantity Generator

Date form received by agency: 08/25/2005
Facility name: TANA SEYBERT
Site name: TANASEYBERT LLC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: TANA SEYBERT
Site name: UNITED ENVELOPE
Classification: Large Quantity Generator

Date form received by agency: 02/24/2002
Facility name: TANA SEYBERT
Site name: UNITED ENVELOPE
Classification: Large Quantity Generator

Date form received by agency: 01/01/2001
Facility name: TANA SEYBERT
Site name: UNITED ENVELOPE
Classification: Large Quantity Generator

Date form received by agency: 09/02/1999
Facility name: TANA SEYBERT
Site name: UNITED ENVELOPE
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001

TANA SEYBERT (Continued) **1004761120**

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:

Regulation violated: SR - 373-3.9(d)(1)
Area of violation: Generators - General
Date violation determined: 06/28/2004
Date achieved compliance: 08/03/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/21/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(a)(2)
Area of violation: Generators - General
Date violation determined: 06/28/2004
Date achieved compliance: 08/03/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/21/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(a)(8)(i)(a)(2)
Area of violation: Generators - General
Date violation determined: 06/28/2004
Date achieved compliance: 08/03/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/21/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(b)(3)
Area of violation: Generators - General
Date violation determined: 06/28/2004
Date achieved compliance: 08/03/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

TANA SEYBERT (Continued) **1004761120**

Enforcement action date: 07/21/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/19/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/08/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/28/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/03/2004
Evaluation lead agency: State

FINDS:

Registry ID: 110004556187

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

A3 **ASTRID OFFSET CORP** **RCRA NonGen / NLR** **1001080144**
Target **525 W 52ND ST** **FINDS** **NYR000018515**
Property **NEW YORK, NY 10019** **NY MANIFEST**

Site 3 of 37 in cluster A

Actual: 22 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: ASTRID OFFSET CORP
Facility address: 525 W 52ND ST
NEW YORK, NY 10019
EPA ID: NYR000018515
Mailing address: W 52ND ST
NEW YORK, NY 10019
Contact: LARRY LANDON
Contact address: W 52ND ST

ASTRID OFFSET CORP (Continued) **1001080144**

NEW YORK, NY 10019
Contact country: US
Contact telephone: (212) 333-2680
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ERIC ROSENBAUM
Owner/operator address: 525 W 52ND ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 333-2680
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ERIC ROSENBAUM
Owner/operator address: 525 W 52ND ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 333-2680
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: ASTRID OFFSET CORP
Classification: Not a generator, verified

Date form received by agency: 01/16/1996
Facility name: ASTRID OFFSET CORP
Classification: Small Quantity Generator

Violation Status: No violations found

ASTRID OFFSET CORP (Continued) **1001080144**

FINDS:

Registry ID: 110004521759

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYR000018515
Country:	USA
Mailing Name:	ASTRID OFFSET CORP
Mailing Contact:	LARRY LANDON
Mailing Address:	525 WEST 52ND STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-333-2680

Document ID:	NYG0150561
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	AA106YNJ
Trans2 State ID:	Not reported
Generator Ship Date:	971003
Trans1 Recv Date:	971003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971015
Part A Recv Date:	Not reported
Part B Recv Date:	971104
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	NJD046555033
Trans2 EPA ID:	Not reported
TSDF ID:	NYD045604964
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00020
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Document ID:	MAK2321280
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591

ASTRID OFFSET CORP (Continued) **1001080144**

Generator Ship Date:	03/06/2001
Trans1 Recv Date:	03/06/2001
Trans2 Recv Date:	03/08/2001
TSD Site Recv Date:	03/14/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	MAD982755639
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEPE086
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00315
Units:	P - Pounds
Number of Containers:	007
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYG1143756
Manifest Status:	Not reported
Trans1 State ID:	NJD046555033
Trans2 State ID:	Not reported
Generator Ship Date:	03/18/1999
Trans1 Recv Date:	03/18/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/22/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	NYD045604964
Trans2 EPA ID:	Not reported
TSDF ID:	NJAA106Y
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00010
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	99

Document ID:	MAM3141090
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCR000074591
Generator Ship Date:	02/03/2000
Trans1 Recv Date:	02/03/2000
Trans2 Recv Date:	02/11/2000
TSD Site Recv Date:	02/15/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	MAD982755639
Trans2 EPA ID:	Not reported

ASTRID OFFSET CORP (Continued) **1001080144**

TSDF ID:	NJDEP0869
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2000

Document ID:	MAM3536240
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	NJD071629976
Generator Ship Date:	04/19/2000
Trans1 Recv Date:	04/19/2000
Trans2 Recv Date:	04/20/2000
TSD Site Recv Date:	04/26/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	MAD982755639
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP0869
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2000

Document ID:	MAM5723620
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	10/19/2000
Trans1 Recv Date:	10/19/2000
Trans2 Recv Date:	10/26/2000
TSD Site Recv Date:	11/01/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	MAD982755639
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00225
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2000

ASTRID OFFSET CORP (Continued) **1001080144**

Document ID:	NYB7230429
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	AA106Y
Trans2 State ID:	Not reported
Generator Ship Date:	960820
Trans1 Recv Date:	960820
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960828
Part A Recv Date:	Not reported
Part B Recv Date:	960920
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	NJD046555033
Trans2 EPA ID:	Not reported
TSDF ID:	NYD045604964
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00120
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	024
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	96

Document ID:	NYG0604215
Manifest Status:	Not reported
Trans1 State ID:	NJD046555033
Trans2 State ID:	Not reported
Generator Ship Date:	02/18/1998
Trans1 Recv Date:	02/18/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/04/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	NYD045604964
Trans2 EPA ID:	Not reported
TSDF ID:	AA106Y
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00020
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Document ID:	NYB8019594
Manifest Status:	Completed copy
Trans1 State ID:	AA106YNJ
Trans2 State ID:	Not reported
Generator Ship Date:	970122
Trans1 Recv Date:	970122
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970129
Part A Recv Date:	Not reported

ASTRID OFFSET CORP (Continued) **1001080144**

Part B Recv Date:	970210
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	NJD046555033
Trans2 EPA ID:	Not reported
TSDF ID:	NYD045604964
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00045
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	009
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	97

Document ID:	NYG1379385
Manifest Status:	Not reported
Trans1 State ID:	NJD046555033
Trans2 State ID:	Not reported
Generator Ship Date:	07/29/1998
Trans1 Recv Date:	07/29/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/03/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	NYD045604964
Trans2 EPA ID:	Not reported
TSDF ID:	AA106Y
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00025
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	005
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Document ID:	NYG1210563
Manifest Status:	Not reported
Trans1 State ID:	NJD046555033
Trans2 State ID:	Not reported
Generator Ship Date:	11/23/1998
Trans1 Recv Date:	11/23/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/04/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	NYD045604964
Trans2 EPA ID:	Not reported
TSDF ID:	NJAA106Y
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00010
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002

ASTRID OFFSET CORP (Continued) **1001080144**

Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	98

Document ID:	MAK6653420
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCD987574647
Generator Ship Date:	11/10/1999
Trans1 Recv Date:	11/10/1999
Trans2 Recv Date:	11/11/1999
TSD Site Recv Date:	11/15/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	MAD982755639
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP0869
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00270
Units:	P - Pounds
Number of Containers:	006
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	99

Document ID:	NYB8044902
Manifest Status:	Completed copy
Trans1 State ID:	AA1064
Trans2 State ID:	Not reported
Generator Ship Date:	970520
Trans1 Recv Date:	970520
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970528
Part A Recv Date:	Not reported
Part B Recv Date:	970609
Generator EPA ID:	NYR000018515
Trans1 EPA ID:	NJD046555033
Trans2 EPA ID:	Not reported
TSDF ID:	NYD045604964
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	006
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

A4 **APPLE IND CONDO** **NY AST** **U003393512**
Target Property **525 W 52 ST** **NY, NY 10019** **NY HIST AST** **N/A**

Site 4 of 37 in cluster A

Actual: 22 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-337129
Program Type:	PBS
UTM X:	585082.33322000003
UTM Y:	4513343.0200399999
Expiration Date:	2013/02/25

Affiliation Records:

Site Id:	16148
Affiliation Type:	Emergency Contact
Company Name:	APPLE IND CONDO
Contact Type:	Not reported
Contact Name:	GERRY RITTERMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(914) 393-6134
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	3/25/2008

Site Id:	16148
Affiliation Type:	Mail Contact
Company Name:	APPLE IND CONDO
Contact Type:	Not reported
Contact Name:	GERRY M. RITTERMAN
Address1:	525 WEST 52ND STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 453-9300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	3/25/2008

Site Id:	16148
Affiliation Type:	Facility Owner
Company Name:	APPLE IND CONDO
Contact Type:	MANAGER
Contact Name:	GERRY M. RITTERMAN
Address1:	525 W 52 ST
Address2:	Not reported
City:	NEW YORK
State:	NY

APPLE IND CONDO (Continued) **U003393512**

Zip Code:	10019
Country Code:	001
Phone:	(212) 453-9300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	3/25/2008

Site Id:	16148
Affiliation Type:	On-Site Operator
Company Name:	APPLE IND CONDO
Contact Type:	Not reported
Contact Name:	MR WILLIE HOLLINGSWORTH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 453-9300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	3/25/2008

Tank Info:

Tank Number:	001
Tank Id:	28584
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H05 - Tank Leak Detection - In-Tank System (ATG)
I00 - Overfill - None
E01 - Piping Secondary Containment - Diking (Aboveground)
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
D00 - Pipe Type - No Piping

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1960
Capacity Gallons:	7000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

APPLE IND CONDO (Continued) **U003393512**

Modified By:	dxliving
Last Modified:	03/25/2008

HIST AST:

PBS Number:	2-337129
SWIS Code:	6201
Operator:	MR WILLIE HOLLINGSWORTH JR
Facility Phone:	(212) 315-4700
Facility Addr2:	525 W 52 ST
Facility Type:	MANUFACTURING
Emergency:	MR WILLIE HOLLINGSWORTH JR
Emergency Tel:	(516) 623-1465
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	APPLE IND CONDO
Owner Address:	525 W 52 ST
Owner City,St,Zip:	NY, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 315-4700
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	APPLE IND CONDO
Mailing Address:	525 W 52 ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10019
Mailing Telephone:	(212) 315-4700
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/16/1998
Expiration:	02/25/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	7000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	7000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel

APPLE IND CONDO (Continued) **U003393512**

Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	4
Overfill Protection:	Not reported
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

A5 **ERNS** **2000516115**
Target Property **525-37 WEST 52ND ST** **N/A**
MANHATTAN, NY 0

Site 5 of 37 in cluster A

Actual: 22 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

A6 **VAULT 3484** **NY Spills** **S104285239**
Target Property **525 -537 W 52ND ST** **N/A**
MANHATTAN, NY

Site 6 of 37 in cluster A

Actual: 22 ft.

SPILLS:

Facility ID:	9911542
DER Facility ID:	188922
Facility Type:	ER
Site ID:	229126
DEC Region:	2
Spill Date:	1/4/2000
Spill Number/Closed Date:	9911542 / 3/17/2000
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1/4/2000
CID:	371
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

VAULT 3484 (Continued) **S104285239**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/4/2000
Spill Record Last Update:	5/22/2000
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"CON EDE2 MIS REPORT25 gallons of trnsformer oil from transformer on 75 gallons of water in vault 3484 ... Possible entry into sewer due to existing water line on vault walls higher than fluid level now in structure. Not able to verify sewer connection as per conduit palte #29-D-2. A PCb sample was taken by W Ward... a release di not occur at this location due to mark on wall is an oily substance and considering it is a vault it will be assumed it has a pump and or drain at this time.DEC INSPECTOR NOTES1/4 /00, 2:05pm - left message for Albert Gordon, DEP spoke with Ray Lo, stain on vault wall approx. 2 feet above current fluid level. Acid to supervise, probable drain in vault. Opened sewer trap which goes to adjacent vault, some traces of oil sample taken, but will treat as SO-499 in meantime. Believe transformer has porous bottom .Update @4:00pm- Ray Lo left voice mail. Stanley Baldwin DEP just left site. Tanker truck enroute to drain transformer.
Remarks:	found what may be transformer oil on 75 gals water in vault -- no sign of transformer leak so far -- sample taken clean up pending results.

Material:

Site ID:	229126
Operable Unit ID:	1086160
Operable Unit:	01
Material ID:	296998
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A7 **TANASEYBERT LLC** **FINDS** **1011459116**
Target **525 W 52ND ST (2ND & 3RD FL)** **N/A**
Property **MANHATTAN, NY 10019**

Site 7 of 37 in cluster A

Actual:
22 ft.

FINDS:

Registry ID: 110035963295

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

A8 **TANASEYBERT LLC** **FINDS** **1011976243**
Target **525 WEST 52ND ST (2ND & 3RD FL)** **N/A**
Property **MANHATTAN, NY 10019**

Site 8 of 37 in cluster A

Actual:
22 ft.

FINDS:

Registry ID: 110038092550

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

A9 **ASTRID OFFSET CORP** **FINDS** **1007811291**
Target **525 WEST 52ND ST (4TH & 5TH FL)** **N/A**
Property **MANHATTAN, NY 10019**

Site 9 of 37 in cluster A

Actual:
22 ft.

FINDS:

Registry ID: 110019738319

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility

ASTRID OFFSET CORP (Continued) **1007811291**

Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

NPL **HUDSON RIVER PCBS** **NPL** **1000384273**
Region **NO STREET APPLICABLE** **CERCLIS** **NYD980763841**
WNW **HUDSON RIVER, NY 12801** **RCRA-LQG**
1/4-1/2 **US ENG CONTROLS**
1612 ft. **US INST CONTROL**
CONSENT
ROD
FINDS
NY Spills
PRP

NPL:
EPA ID: NYD980763841
EPA Region: 02
Federal: N
Final Date: 1984-09-21 00:00:00

Category Details:
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-<= 10 Feet
Category Value: 0

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:
Site Name: HUDSON RIVER PCBS
Site Status: Final
Site Zip: 12801
Site City: HUDSON RIVER
Site State: NY
Federal Site: No
Site County: WASHINGTON
EPA Region: 02

HUDSON RIVER PCBS (Continued) **1000384273**

Date Proposed: 09/08/83
Date Deleted: Not reported
Date Finalized: 09/21/84

Substance Details:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: AIR PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: SURFACE WATER PATHWAY
Scoring: 4

Summary Details:

Conditions at listing September 1983): The Hudson River PCBs Site is a 40-mile stretch of the Hudson River between Mechanicville and Fort Edward, New York. General Electric Co. discharged an estimated l.l million pounds of PCBs into this stretch of river. The State has identified 40 hot spots, defined as sediments contaminated with greater than 50 parts per million ppm) of PCBs. Also included in the site are five remnant areas, which are river sediments exposed when thelevel of the river was lowered due to removal of the Fort Edward Dam. The State has taken initial measures to stabili e the remnant areas from erosion. In September 1980, Congress passed an amendment to the Clean Water Act CWA) that included the Hudson River PCB Reclamation Demonstration Project. Under this legislation, the EPA Administrator could authori e a 75 percent grant, not to exceed 20 million. EPA issued a final Environmental Impact Statement in October 1982 evaluating various dredging alternatives for a demonstration project. EPA has prepared a feasibility study to evaluate alternative remedial actions under CERCLA. The Administrator has determined that CERCLA funds may be used for remedial action atthe remnant areas and for evaluating the effectiveness of the water supply system at Waterford, New York. Status June 1984): EPA has completed a draft feasibility study identifying alternatives for remedial action. A search for partiespotentially responsible for wastes associated with the site has been completed, and EPA has sent letters to two potentially responsible parties notifying them of possible legal action under CERCLA.

Site Status Details:
NPL Status: Final
Proposed Date: 09/08/1983
Final Date: 09/21/1984
Deleted Date: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Narratives Details:

NPL Name:	HUDSON RIVER PCBS
City:	HUDSON RIVER
State:	NY

CERCLIS:

Site ID:	0202229
EPA ID:	NYD980763841
Facility County:	WASHINGTON
Short Name:	HUDSON RIVER PCBS
Congressional District:	20
IFMS ID:	0284
SMSA Number:	2975
USGC Hydro Unit:	02020003
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	N
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	Not reported
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	02
Classification:	Waterways/Creeks/Rivers
Site Settings Code:	SU
NPL Status:	Currently on the Final NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Not reported
Non NPL Status Date:	/ /
Site Fips Code:	36115
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	13002796.00000
Contact Name:	JENNIFER LAPOMA
Contact Tel:	(212) 637-4328
Contact Title:	Remedial Project Manager (RPM)
Contact Email:	Not reported

CERCLIS Site Alias Name(s):

Alias ID:	101
Alias Name:	HUDSON RIVER PCBS
Alias Address:	Not reported
	WARREN, NY
Alias ID:	102
Alias Name:	HUDSON RIVER PCBS
Alias Address:	NO STREET APPLICABLE
	NO CITY APPLICABLE, NY 12801

HUDSON RIVER PCBS (Continued) **1000384273**

Alias ID: 103
Alias Name: HUDSON RIVER PCBS
Alias Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
Alias Comments: Not reported
Site Description: The Hudson River PCBs Site includes a nearly 200 river-mile stretch of the Hudson River in eastern New York State from the Village of Hudson Falls to the Battery in New York City. The Hudson River has been designated an American Heritage River because of its important role in American history and culture. This federal Superfund Record of Decision (ROD) addresses the risks to people and ecological receptors associated with polychlorinated biphenyls (PCBs) in the in-place sediments of the Upper Hudson River. The Site is divided into the Upper Hudson River which is the length of river between Hudson Falls and the Federal Dam at Troy, New York and the Lower Hudson River which is the length of river between Federal Dam at Troy and the Battery. For purposes of this project, EPA further divided the Upper Hudson River area into three main sections known as River Section 1, River Section 2, and River Section 3. The Site also includes five Remnant Deposits, which are areas of PCB-contaminated sediment that became exposed after the river water level dropped following removal of the Fort Edward Dam in 1973. The Upper Hudson River portion of the Site extends from the Fenimore Bridge in Hudson Falls to the Federal Dam at Troy, a distance of just over 43 river miles. The Lower Hudson River extends from the Federal Dam to the southern tip of Manhattan at the Battery in New York City. The Mid-Hudson River, which is primarily a subset of the Lower Hudson River, extends from the Federal Dam at Troy to just south of Poughkeepsie. The predominant sources of PCB contamination to the Upper Hudson River were two capacitor manufacturing plants owned and operated by GE. The plants are located adjacent to or near the Hudson River in the Village of Hudson Falls and the Town of Fort Edward. Over a 30-year period, the plants discharged a substantial amount of PCBs into the river. At the GE Hudson Falls plant, leakage of non-aqueous phase PCB-bearing oils through bedrock to the river continues to be a source of PCB contamination. Regarding the former outfall to the Hudson River from the GE Fort Edward plant, New York State Department of Environmental Conservation (NYSDEC) issued a Record of Decision in January 2000 that calls for the excavation of PCB-contaminated soil and sediment in this area of the Upper Hudson River shoreline in order to eliminate this source of PCBs to the river. EPA’s analysis assumes a significantly reduced PCB loading to the river from these sources once the State’s plans for remediation are implemented. PCBs, the chemicals of concern addressed in this decision document, have been classified by EPA as probable human carcinogens. They are also linked to other serious non- cancer adverse health effects based on observations in animals and emerging evidence in humans. Once discharged from the GE plants, the PCBs adhered to river sediment and accumulated downstream as they settled in impounded pools and other depositional areas. Historic fish and sediment data indicated PCBs were accumulating downstream of the old Fort Edward Dam as well as accumulating behind the dam. The removal of the dam in 1973 resulted in a remobilization and downstream distribution of PCBs that had accumulated behind the dam. Historically, the highest PCB sediment concentrations have been detected in the cohesive sediments within the Upper Hudson River. River scouring/ erosion and other mechanisms have mobilized PCB- contaminated sediments from the extensive cohesive deposits, redepositing them farther downstream all the way to the Battery. The preponderance of data indicates that burial of contaminated sediment by cleaner materials is not universally or uniformly occurring. Data also indicate that contaminated sediments in River Sections 1, 2 and 3 continue to serve as the major source of PCBs to the water column and the fish within the Upper Hudson River. During an approximate 30-year period ending in 1977,

HUDSON RIVER PCBS (Continued) **1000384273**

PCBs were used in capacitor manufacturing operations Hudson Falls and Fort Edward, New York facilities. PCB oils were discharged both directly and indirectly from these plants into the Hudson River. This included both non-permitted and permitted discharges. Even after permits were received in 1975, permit exceedances occurred. Estimates of the total quantity of PCBs discharged directly from the two plants into the river from the 1940s to 1977 are as high as 1,330,000 pounds (about 605,000 kg). Many of the PCBs discharged to the river adhered to sediments and accumulated with the sediments as they settled in the impounded pool behind the Fort Edward Dam, as well as other depositional areas farther downstream. Because of its deteriorating condition, the Fort Edward Dam was removed in 1973. Five areas of PCB-contaminated sediments were exposed due to the lowering of the river water level when the Fort Edward Dam was removed. These five areas are known as the Remnant Deposits. During subsequent floods, PCB-contaminated sediments from the Fort Edward Dam area were scoured and transported downstream. EPA notified the company that had the two plants of the remedy selected in the 1984 ROD and offered the company the opportunity to implement the selected remedy with respect to the Remnant Deposits and the Waterford drinking water supply evaluation. The company declined EPA's offer. NYSDEC, with funding provided by EPA, conducted the evaluation at the Waterford Water Works. In addition, NYSDEC prepared a design for the in- place containment of the Remnant Deposits. This design was completed in 1988. In March 1989, the company offered to assume responsibility for the implementation of the in-place containment remedy for the Remnant Deposits. EPA issued a September 27, 1989 Administrative Order on Consent to the company which required the company to prepare a remedial design report for the construction of access roads to the Remnant Deposits and to submit a design for the in-place containment of the Remnant Deposits incorporating the NYSDEC-prepared design, plus any EPA-approved refinements to that design. EPA also issued a September 27, 1989 Administrative Order to the company requiring the company to construct and maintain the access roads to the Remnant Deposits. The company constructed the in-place containment of the Remnant Deposits under a 1990 Consent Decree with EPA. EPA will evaluate the need for further remedial action for the Remnant Deposits after completion of a 5-year review of the Remnant Deposit containment remedy, performed pursuant to CERCLA ?121(c). The company's manufacturing plants in Hudson Falls and Fort Edward are listed under the New York State Inactive Hazardous Waste Disposal Sites Remedial program. The company currently is conducting remedial activities near the Hudson Falls and Fort Edward plants pursuant to Orders on Consent with NYSDEC. The company has thus far declined to implement the January 2000 NYSDEC Record of Decision for the Fort Edward plant Outfall 004. The NYSDEC is conducting the remedial design for that ROD. As one of America's great rivers, the Hudson has played and will continue to play a major role in the history, culture, and economy of the area. The Hudson has been designated an American Heritage River because of its important role in American history and culture. Current and reasonably-anticipated future land use and surface water use are described below. Current land use includes a variety of residential, commercial and industrial activities. Use of the river and lands surrounding the river are projected to remain the same. At this time, no changes in future land use are known, nor are any new uses expected. The Site passes through 14 different counties as the river flows to its final discharge point in New York Harbor. Four counties (Albany, Washington, Rensselaer, and Saratoga) lie adjacent to the more highly contaminated portions (areas of proposed active remediation in River Sections 1, 2 and 3) of the Upper Hudson River between Troy (Federal Dam) and Hudson Falls. Within these four counties, forests and farmlands surround urban centers and historic villages. There are apple orchards and dairy farms, parks, nature preserves and gardens. In addition to the GE Hudson Falls and Fort Edward plants, the area is home to technology

HUDSON RIVER PCBS (Continued) **1000384273**

companies, oil service companies and food companies. Saratoga and Washington Counties have experienced population growth between 1990 and 1999 of 10.2 percent and 1.4 percent, respectively, while Rensselaer and Albany Counties have experienced population declines of 1.9 percent and 0.3 percent, respectively. Total population of these four counties, according to July 1999 estimates by the US Department of Commerce Bureau of the Census, is just under 700,000. Warren County, in which the City of Glens Falls is located, has a population of just over 60,000 and is just to the northwest of the Hudson River PCBs Site. A Record of Decision (ROD) addressing operable unit 1 (OU 01) was completed in September 1984. A Record of Decision addressing OU 2 was completed in February 2002.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	07/01/83
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	SITE INSPECTION
Date Started:	08/01/83
Date Completed:	09/01/83
Priority Level:	Higher priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	09/01/83
Priority Level:	Low priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	/ /

HUDSON RIVER PCBS (Continued) **1000384273**

Date Completed: 09/08/83
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: / /
Date Completed: 11/15/83
Priority Level: Search Complete, Viable PRPs
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 09/21/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 03/30/84
Date Completed: 09/25/84
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/25/84
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: EPA Fund-Financed

HUDSON RIVER PCBS (Continued) **1000384273**

Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 10/27/83
Date Completed: 09/28/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: / /
Date Completed: 05/04/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL DESIGN
Date Started: 02/02/89
Date Completed: 06/05/89
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Original Action Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/09/89
Date Completed: 09/27/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/09/89
Date Completed: 09/27/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/27/89
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 09/27/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 03/03/89
Date Completed: 04/06/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

HUDSON RIVER PCBS (Continued) **1000384273**

Action Code:	001
Action:	REMEDIAL DESIGN
Date Started:	09/28/84
Date Completed:	05/18/90
Priority Level:	Not reported
Operable Unit:	REMNANT DEPOSIT CAPPING
Primary Responsibility:	State, Fund Financed
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Original Action Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	05/18/90
Priority Level:	Not reported
Operable Unit:	REMNANT DEPOSIT CAPPING
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	CONSENT DECREE
Date Started:	04/06/90
Date Completed:	07/21/90
Priority Level:	Not reported
Operable Unit:	REMNANT DEPOSIT CAPPING
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	REMOVAL ASSESSMENT
Date Started:	04/17/90
Date Completed:	08/21/90
Priority Level:	Stabilized
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	09/27/89
Date Completed:	09/28/90
Priority Level:	Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 03/12/90
Date Completed: 10/04/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 05/18/89
Date Completed: 01/07/91
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 10/13/89
Date Completed: 09/29/92
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/28/90
Date Completed: 09/29/92
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMOVAL ASSESSMENT
Date Started: 11/19/92
Date Completed: 12/01/92
Priority Level: Stabilized
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMFORT/STATUS LETTER
Date Started: / /
Date Completed: 11/02/98
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: REMOVAL ASSESSMENT
Date Started: 10/14/98
Date Completed: 01/07/99
Priority Level: Not reported
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMOVAL ASSESSMENT
Date Started: 06/03/98
Date Completed: 06/24/99
Priority Level: Not reported
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Public Notice Published
Date Started: / /

HUDSON RIVER PCBS (Continued) **1000384273**

Date Completed: 03/28/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL
Date Started: 10/06/99
Date Completed: 09/14/01
Priority Level: Stabilized
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/25/90
Date Completed: 02/01/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 02/01/02
Priority Level: Final Remedy Selected at Site
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Special Notice Issued
Date Started: / /
Date Completed: 02/04/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Special Notice Issued
Date Started: / /
Date Completed: 02/04/02
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Special Notice Issued
Date Started: / /
Date Completed: 02/04/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 02/04/02
Date Completed: 07/23/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 07/23/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 07/23/02
Date Completed: 08/13/03
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 08/13/03
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: EXPANDED SITE INSPECTION/REMEDIAL INVESTIGATION
Date Started: / /
Date Completed: 08/31/05
Priority Level: Referred to Removal, no further Rmdl Asmt
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 02/04/02
Date Completed: 09/06/05
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

HUDSON RIVER PCBS (Continued) **1000384273**

Action Code: 001
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 09/29/95
Date Completed: 09/20/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Lodged By DOJ
Date Started: / /
Date Completed: 10/06/05
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: COMMUNITY INVOLVEMENT
Date Started: 03/25/02
Date Completed: 11/02/06
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Remedial
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: CONSENT DECREE
Date Started: 09/06/05
Date Completed: 11/02/06
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 03/29/07
Priority Level: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: STATE SUPPORT AGENCY COOPERATIVE AGREEMENT
Date Started: 02/22/91
Date Completed: 04/03/07
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL NEGOTIATIONS
Date Started: / /
Date Completed: 07/11/07
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 07/11/07
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL
Date Started: 08/24/07
Date Completed: 08/27/07
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Emergency

HUDSON RIVER PCBS (Continued) **1000384273**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/14/03
Date Completed: 01/25/08
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SECTION 104(E) REF LITIGATION
Date Started: 09/27/07
Date Completed: 07/28/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 09/05/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 09/05/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

HUDSON RIVER PCBS (Continued) **1000384273**

Action Code: 002
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 02/04/02
Date Completed: 09/08/08
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/08/08
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 09/11/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 10/14/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: UNILATERAL ADMIN ORDER
Date Started: / /

HUDSON RIVER PCBS (Continued) **1000384273**

Date Completed: 02/03/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL ACTION
Date Started: 05/09/08
Date Completed: 11/24/09
Priority Level: Final RA Report
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - EPA
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMEDIAL ACTION
Date Started: 12/04/08
Date Completed: 12/23/09
Priority Level: Final RA Report
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/14/03
Date Completed: 04/26/11
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 09/11/07
Date Completed: 04/10/12
Priority Level: Stabilized
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Time Critical

HUDSON RIVER PCBS (Continued) **1000384273**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FIVE-YEAR REVIEW
Date Started: / /
Date Completed: 06/01/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/06/05
Date Completed: 09/04/12
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE
Date Started: 09/30/97
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMEDIAL DESIGN
Date Started: 02/15/02
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - EPA
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Other Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN

HUDSON RIVER PCBS (Continued) **1000384273**

Date Started: 07/23/02
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start & Completion

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: TECHNICAL ASSISTANCE
Date Started: 07/08/03
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL ACTION
Date Started: 01/19/07
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - State
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Other Start and Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REAL PROPERTY ACQUISITION
Date Started: 02/15/08
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Not reported
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/08/08
Date Completed: / /
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Responsible Party
Planning Status: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 11/17/09
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 12/31/10
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:
Fed Register Date: 09/21/84
Fed Register Volume: 49
Page Number: 37070

Fed Register Date: 09/08/83
Fed Register Volume: 48
Page Number: 40674

Click this hyperlink while viewing on your computer to access
3130 additional US CERCLIS Financial: record(s) in the EDR Site Report.

RCRA-LQG:
Date form received by agency: 03/01/2012
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Facility address: 446 LOCK 8 WAY
HUDSON FALLS, NY 12839
EPA ID: NYD980763841
Mailing address: BROADWAY, BLDG 40
FORT EDWARD, NY 12828
Contact: ROBERT G GIBSON
Contact address: BROADWAY, BLDG 40
FORT EDWARD, NY 12828
Contact country: US
Contact telephone: (518) 746-5253
Contact email: BOB.GIBSON@GE.COM

HUDSON RIVER PCBS (Continued) **1000384273**

EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: GENERAL ELECTRIC COMPANY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/23/2007
Owner/Op end date: Not reported

Owner/operator name: SEE SECTION 11 COMMENTS
Owner/operator address: Not reported
NY
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 05/02/2007
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/03/2010
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION

HUDSON RIVER PCBS (Continued) **1000384273**

FACILITY
Classification: Large Quantity Generator

Date form received by agency: 08/29/2008
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERFUND USEPA
Classification: Large Quantity Generator

Date form received by agency: 01/01/2007
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: B002
Waste name: B002

Waste code: B007
Waste name: B007

Violation Status: No violations found

US ENG CONTROLS:
EPA ID: NYD980763841
Site ID: 0202229
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
EPA Region: 02
County: WASHINGTON
Event Code: Not reported
Actual Date: 12/30/01

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/25/84
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Containment, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/25/84

HUDSON RIVER PCBS (Continued) **1000384273**

Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: No Action

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/25/84
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Revegetation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/25/84
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Slope Stabilization

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/02
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Dewatering

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/02
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/02
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Excavation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/02
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Solidification/Stabilization (Ex-Situ)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/02
Operable Unit: 02
Contaminated Media : Surface Water
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/02
Operable Unit: 02

HUDSON RIVER PCBS (Continued) **1000384273**

Contaminated Media : Surface Water
Engineering Control: Natural Attenuation

US INST CONTROL:
EPA ID: NYD980763841
Site ID: 0202229
Name: HUDSON RIVER PCBS
Action Name: RECORD OF DECISION
Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
EPA Region: 02
County: WASHINGTON
Event Code: Not reported
Inst. Control: Fishing Advisory
Actual Date: 12/30/2001
Complet. Date: 2/1/2002
Operable Unit: 02
Contaminated Media : Surface Water

CONSENT:
EPA ID: NYD980763841
Site ID: 0284
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num: 05-1270
District: New York, North
Entered Date: 11/02/06
Full-text of the consent decree for this site issued by the United States District Court is available from EDR. Contact your EDR Account Executive.

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Registry ID: 110009302879

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit

HUDSON RIVER PCBS (Continued) **1000384273**

Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

SPILLS:

Facility ID:	0308107
DER Facility ID:	278391
Facility Type:	ER
Site ID:	237813
DEC Region:	3
Spill Date:	10/31/2003
Spill Number/Closed Date:	0308107 / 10/31/2003
Spill Cause:	Abandoned Drums
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6000
Investigator:	rxamato
Referred To:	Not reported
Reported to Dept:	10/31/2003
CID:	297
Water Affected:	HUDSON RIVER
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/31/2003
Spill Record Last Update:	11/6/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	PETTY OFFFICER HAWKINS
Contact Phone:	(718) 354-4121
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SMITH"10/31/03: MEG hired by USCG to remove test and dispose. Container did not leak.
Remarks:	CALL TO NRC REPORTING A 55 GALLON DRUM OF UNKNOWN PETROLEUM FLOATING - USCG IS REPOSNDING TO THE SITE

Material:

Site ID:	237813
Operable Unit ID:	874400
Operable Unit:	01
Material ID:	501630
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum

HUDSON RIVER PCBS (Continued) **1000384273**

Quantity: 55
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

PRP:
PRP name: DELAWARE AND HUDSON RAILWAY CO INC
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GOLUB PROPERTIES OF WATERVLIET INC
NEW YORK STATE CANAL CORPORATION
NIAGARA MOHAWK POWER COMPANY
TOWN OF HALFMOON NEW YORK
VILLAGE OF STILLWATER
WATER COMMISSIONERS OF THE TOWN OF WATERFORD

A10 **552 WEST 53RD STREET** **NY AST** **U004045647**
North **552 WEST 53RD STREET** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.004 mi.
21 ft. **Site 10 of 37 in cluster A**

Relative:
Higher

Actual:
23 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-470619
Program Type: PBS
UTM X: 585204.18402000004
UTM Y: 4513353.9692399995
Expiration Date: N/A

Affiliation Records:
Site Id: 20614
Affiliation Type: Mail Contact
Company Name: CLINTON HOUSING DEV. CO.
Contact Type: Not reported
Contact Name: CARLTON KIM
Address1: 403 WEST 4OTH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10018
Country Code: 001
Phone: (212) 967-1644
EMail: Not reported
Fax Number: Not reported

552 WEST 53RD STREET (Continued) **U004045647**

Modified By:	NRLOMBAR
Date Last Modified:	2/9/2005
Site Id:	20614
Affiliation Type:	On-Site Operator
Company Name:	552 WEST 53RD STREET
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DAMP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004
Site Id:	20614
Affiliation Type:	Emergency Contact
Company Name:	CLINTON HOUSING WEST 53RD PARTNERS LP % CLINTON
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DAMP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004
Site Id:	20614
Affiliation Type:	Facility Owner
Company Name:	CLINTON HOUSING WEST 53RD PARTNERS LP % CLINTON
Contact Type:	EXECUTIVE DIRECTOR
Contact Name:	JOE RESTUCCIA
Address1:	HOUSING DEV. CO., 403 WEST 40TH ST.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/9/2005

Tank Info:

Tank Number:	001

552 WEST 53RD STREET (Continued) **U004045647**

Tank Id: 37338
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 03/29/2004
Register: True
Modified By: NRLOMBAR
Last Modified: 02/09/2005

Tank Number: 002
Tank Id: 181910
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 03/29/2004
Register: True
Modified By: NRLOMBAR
Last Modified: 02/09/2005

A11 **CLINTON HOUSES PARTNERS LP** **RCRA NonGen / NLR** **1007449104**
North **554 W 53RD ST** **NYR000125187**
< 1/8 **NEW YORK, NY 10019**
0.004 mi.
21 ft. **Site 11 of 37 in cluster A**

Relative:
Higher

Actual:
23 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	CLINTON HOUSES PARTNERS LP
Facility address:	554 W 53RD ST NEW YORK, NY 10019
EPA ID:	NYR000125187
Mailing address:	40TH AVE LONG ISLAND CITY, NY 11101
Contact:	PETER NEOFYTIDES
Contact address:	40TH AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	(917) 841-3131
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/03/2004
Owner/Op end date:	Not reported

Owner/operator name:	RUTHANNE VISNAUSKAS
Owner/operator address:	W 40TH ST NEW YORK, NY 10018
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/03/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

CLINTON HOUSES PARTNERS LP (Continued) **1007449104**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: CLINTON HOUSES PARTNERS LP
Classification: Not a generator, verified

Date form received by agency: 06/07/2004
Facility name: CLINTON HOUSES PARTNERS LP
Classification: Small Quantity Generator

Violation Status: No violations found

A12 **554 WEST 53 STREET** **NY AST** **U004045650**
North **554 WEST 53RD STREET** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.004 mi.
21 ft. **Site 12 of 37 in cluster A**

Relative:
Higher

Actual:
23 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-470937
Program Type: PBS
UTM X: 585203.08169000002
UTM Y: 4513354.40063
Expiration Date: N/A

Affiliation Records:
Site Id: 20644
Affiliation Type: Facility Owner
Company Name: CLINTON HOUSING WEST 53RD PARTNERS LP % CLINTON
Contact Type: EXECUTIVE DIRECTOR
Contact Name: JOE RESTUCCIA
Address1: HOUSING DEV. CO., 403 WEST 40TH ST.
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10018
Country Code: 001
Phone: (212) 863-7301
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/9/2005

Site Id: 20644
Affiliation Type: Mail Contact
Company Name: CLINTON HOUSING DEV. CO.
Contact Type: Not reported
Contact Name: CARLTON KIM
Address1: 403 WEST 40TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10018

554 WEST 53 STREET (Continued) **U004045650**

Country Code:	001
Phone:	(212) 967-1644
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/9/2005

Site Id:	20644
Affiliation Type:	On-Site Operator
Company Name:	554 WEST 53 STREET
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DAMP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20644
Affiliation Type:	Emergency Contact
Company Name:	CLINTON HOUSING WEST 53RD PARTNERS LP % CLINTON
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DAMP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	37363
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

554 WEST 53 STREET (Continued) **U004045650**

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/04/2004
Register:	True
Modified By:	NRLOMBAR
Last Modified:	02/09/2005

A13 **CON EDISON** **NY MANIFEST** **S112210910**
North **554 W 53RD ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.004 mi.
21 ft. **Site 13 of 37 in cluster A**

Relative:
Higher

Actual:
23 ft.

NY MANIFEST:

EPA ID:	NYP004271128
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271128
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0

CON EDISON (Continued) **S112210910**

Year:	2012
Manifest Tracking Num:	010457244JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271128
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457244JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

A14
North
< 1/8
0.004 mi.
21 ft.

548 W 53RD ST
NEW YORK, NY 10019

Site 14 of 37 in cluster A

EDR US Hist Auto Stat **1015548951**
N/A

Relative:
Higher

Actual:
23 ft.

EDR Historical Auto Stations:

Name:	DAVES COLLISION REPAIR
Year:	2010
Address:	548 W 53RD ST
Name:	DAVES COLLISION REPAIR
Year:	2011
Address:	548 W 53RD ST
Name:	DAVES COLLISION REPAIR
Year:	2012
Address:	548 W 53RD ST

A15
NNE
< 1/8
0.004 mi.
21 ft.

CON EDISON
538 W 53RD ST
NEW YORK, NY 10019

Site 15 of 37 in cluster A

NY MANIFEST **S112210905**
N/A

Relative:
Higher

Actual:
22 ft.

NY MANIFEST:

EPA ID:	NYP004271078
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271078
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.

CON EDISON (Continued) **S112210905**

Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457233JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271078
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457233JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

A16 **EDR US Hist Auto Stat** **1015550097**
North **550 W 53RD ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.004 mi.
22 ft. **Site 16 of 37 in cluster A**

Relative:
Higher

Actual:
23 ft.

EDR Historical Auto Stations:

Name:	MIDTOWN AUTOTECH SERVICE
Year:	1999
Address:	550 W 53RD ST
Name:	MIDTOWN AUTOTECH SERVICE
Year:	2000
Address:	550 W 53RD ST
Name:	MIDTOWN AUTOTECH SERVICE
Year:	2001
Address:	550 W 53RD ST
Name:	MIDTOWN AUTOTECH SERVICE
Year:	2003
Address:	550 W 53RD ST

A17 **EDR US Hist Auto Stat** **1015546082**
NNE **540 W 53RD ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.004 mi.
22 ft. **Site 17 of 37 in cluster A**

Relative:
Higher

Actual:
22 ft.

EDR Historical Auto Stations:

Name:	STAR AUTO BODY & FENDER COMPANY
Year:	1999
Address:	540 W 53RD ST
Name:	A B C AUTOMOTIVE TOWING
Year:	2000
Address:	540 W 53RD ST
Name:	GA AUTO BODY PARTS
Year:	2001
Address:	540 W 53RD ST
Name:	STAR AUTO BODY & FENDER CO
Year:	2002
Address:	540 W 53RD ST
Name:	GA AUTO BODY PARTS
Year:	2003
Address:	540 W 53RD ST

A18
NE
< 1/8
0.004 mi.
22 ft.

532 W 53RD ST
NEW YORK, NY 10019

Site 18 of 37 in cluster A

EDR US Hist Auto Stat **1015543198**
N/A

Relative:
Higher

Actual:
22 ft.

EDR Historical Auto Stations:

Name:	JAPANESE CAR REPAIR
Year:	2004
Address:	532 W 53RD ST
Name:	JAPANESE CAR REPAIR
Year:	2007
Address:	532 W 53RD ST
Name:	JAPANESE CAR REPAIR
Year:	2008
Address:	532 W 53RD ST
Name:	JAPANESE CAR REPAIR
Year:	2009
Address:	532 W 53RD ST
Name:	JAPANESE CAR REPAIR
Year:	2010
Address:	532 W 53RD ST
Name:	JAPANESE CAR REPAIR
Year:	2011
Address:	532 W 53RD ST
Name:	JAPANESE CAR REPAIR
Year:	2012
Address:	532 W 53RD ST

A19
ENE
< 1/8
0.005 mi.
24 ft.

CLINTON GREEN
500 W 53RD ST
NEW YORK, NY 10019

Site 19 of 37 in cluster A

RCRA NonGen / NLR **1008374557**
NY MANIFEST **NYR000133066**
NJ MANIFEST

Relative:
Lower

Actual:
20 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	CLINTON GREEN
Facility address:	500 W 53RD ST NEW YORK, NY 10019
EPA ID:	NYR000133066
Mailing address:	W 57TH ST 5TH FLOOR C/O DERMOT COMPANY NEW YORK, NY 10019
Contact:	STEPHEN N BENJAMIN
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(212) 265-1220
Telephone ext.:	BENJAM
Contact email:	SBENJAMIN@DERMOTCOMPANY.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

CLINTON GREEN (Continued) **1008374557**

Owner/Operator Summary:
Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/29/2005
Owner/Op end date: Not reported

Owner/operator name: DERMOT CLINTON GREEN LLC
Owner/operator address: W 57TH ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/29/2005
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/03/2006
Facility name: CLINTON GREEN
Classification: Large Quantity Generator

Date form received by agency: 02/02/2006
Facility name: CLINTON GREEN
Classification: Large Quantity Generator

Date form received by agency: 07/19/2005
Facility name: CLINTON GREEN
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000133066
Country: USA

CLINTON GREEN (Continued) **1008374557**

Mailing Name:	CLINTON GREEN
Mailing Contact:	BETTY FOUCHE
Mailing Address:	320 W 57TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Document ID:	NJA5305134
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/22/2005
Trans1 Recv Date:	08/22/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	54120
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2005

Document ID:	NJA5305135
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/22/2005
Trans1 Recv Date:	08/22/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	57980
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

CLINTON GREEN (Continued) **1008374557**

Year: 2005

Document ID: NJA5305136
Manifest Status: Not reported
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 08/23/2005
Trans1 Recv Date: 08/23/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/23/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000133066
Trans1 EPA ID: 50181
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 57660
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2005

Document ID: NJA5305137
Manifest Status: Not reported
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 08/22/2005
Trans1 Recv Date: 08/22/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/22/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000133066
Trans1 EPA ID: 50181
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 57680
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2005

Document ID: NJA5305138
Manifest Status: Not reported
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 08/23/2005
Trans1 Recv Date: 08/23/2005

CLINTON GREEN (Continued) **1008374557**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/23/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	60560
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2005

Document ID:	NJA5305139
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/23/2005
Trans1 Recv Date:	08/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/23/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	59920
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2005

Document ID:	NJA5305134
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/22/2005
Trans1 Recv Date:	08/22/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP

CLINTON GREEN (Continued) **1008374557**

Quantity:	54120
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NJA5305135
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/22/2005
Trans1 Recv Date:	08/22/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	57980
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NJA5305136
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/23/2005
Trans1 Recv Date:	08/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/23/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	57660
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

CLINTON GREEN (Continued) **1008374557**

Document ID:	NJA5305137
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/22/2005
Trans1 Recv Date:	08/22/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	57680
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NJA5305138
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/23/2005
Trans1 Recv Date:	08/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/23/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	60560
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NJA5305139
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/23/2005
Trans1 Recv Date:	08/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/23/2005
Part A Recv Date:	Not reported

CLINTON GREEN (Continued) **1008374557**

Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	59920
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NJA5305210
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/22/2005
Trans1 Recv Date:	08/22/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	57400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NJA5305211
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/22/2005
Trans1 Recv Date:	08/22/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	59740
Units:	P - Pounds
Number of Containers:	001

CLINTON GREEN (Continued) **1008374557**

Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: Not reported

Document ID: NJA5305212
Manifest Status: Not reported
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 08/23/2005
Trans1 Recv Date: 08/23/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/23/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000133066
Trans1 EPA ID: 50181
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 60180
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: Not reported

Document ID: NJA5305213
Manifest Status: Not reported
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 08/23/2005
Trans1 Recv Date: 08/23/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/23/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000133066
Trans1 EPA ID: 50181
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 57360
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: Not reported

Document ID: NJA5305214
Manifest Status: Not reported
Trans1 State ID: NJR000029967

CLINTON GREEN (Continued) **1008374557**

Trans2 State ID:	Not reported
Generator Ship Date:	08/23/2005
Trans1 Recv Date:	08/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/23/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	57280
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NJA5305215
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/23/2005
Trans1 Recv Date:	08/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/23/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	58400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NJA5305217
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/22/2005
Trans1 Recv Date:	08/22/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181

CLINTON GREEN (Continued) **1008374557**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	59920
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NJA5305218
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	08/23/2005
Trans1 Recv Date:	08/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/23/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133066
Trans1 EPA ID:	50181
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	53900
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Click this hyperlink while viewing on your computer to access
26 additional NY_MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:

Manifest Code:	NJA5305134
EPA ID:	NYR000133066
Date Shipped:	08/22/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/22/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported

CLINTON GREEN (Continued) **1008374557**

Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/22/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305135
EPA ID:	NYR000133066
Date Shipped:	08/22/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/22/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

CLINTON GREEN (Continued) **1008374557**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/22/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305137
EPA ID:	NYR000133066
Date Shipped:	08/22/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/22/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported

CLINTON GREEN (Continued) **1008374557**

Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/22/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305210
EPA ID:	NYR000133066
Date Shipped:	08/22/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/22/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported

CLINTON GREEN (Continued) **1008374557**

Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/22/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305211
EPA ID:	NYR000133066
Date Shipped:	08/22/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/22/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported

CLINTON GREEN (Continued) **1008374557**

Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/22/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305217
EPA ID:	NYR000133066
Date Shipped:	08/22/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/22/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported

CLINTON GREEN (Continued) **1008374557**

Date TSDF Received Waste:	08/22/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305136
EPA ID:	NYR000133066
Date Shipped:	08/23/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/23/2005

CLINTON GREEN (Continued) **1008374557**

Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305138
EPA ID:	NYR000133066
Date Shipped:	08/23/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/23/2005
Tranporter 1 Decal:	Not reported

CLINTON GREEN (Continued) **1008374557**

Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305139
EPA ID:	NYR000133066
Date Shipped:	08/23/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/23/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported

CLINTON GREEN (Continued) **1008374557**

Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305212
EPA ID:	NYR000133066
Date Shipped:	08/23/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/23/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported

CLINTON GREEN (Continued) **1008374557**

Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305213
EPA ID:	NYR000133066
Date Shipped:	08/23/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/23/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported

CLINTON GREEN (Continued) **1008374557**

Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305214
EPA ID:	NYR000133066
Date Shipped:	08/23/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/23/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported

CLINTON GREEN (Continued) **1008374557**

Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305215
EPA ID:	NYR000133066
Date Shipped:	08/23/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/23/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported

CLINTON GREEN (Continued) **1008374557**

Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305218
EPA ID:	NYR000133066
Date Shipped:	08/23/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/23/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported

CLINTON GREEN (Continued) **1008374557**

Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305238
EPA ID:	NYR000133066
Date Shipped:	08/24/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/24/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/24/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported

CLINTON GREEN (Continued) **1008374557**

TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305239
EPA ID:	NYR000133066
Date Shipped:	08/24/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/24/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/24/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported

CLINTON GREEN (Continued) **1008374557**

QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305240
EPA ID:	NYR000133066
Date Shipped:	08/24/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/24/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/24/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported

CLINTON GREEN (Continued) **1008374557**

Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305241
EPA ID:	NYR000133066
Date Shipped:	08/24/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/24/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/24/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported

CLINTON GREEN (Continued) **1008374557**

Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305243
EPA ID:	NYR000133066
Date Shipped:	08/24/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/24/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/24/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

CLINTON GREEN (Continued) **1008374557**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5305244
EPA ID:	NYR000133066
Date Shipped:	08/24/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/24/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/24/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

CLINTON GREEN (Continued) **1008374557**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11230522
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

A20 **EDR US Hist Cleaners** **1015070795**
South **515 W 52ND ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.005 mi.
28 ft. **Site 20 of 37 in cluster A**

Relative:
Lower

Actual:
21 ft.

EDR Historical Cleaners:

Name:	PALACE VALET CLEANERS INC
Year:	2011
Address:	515 W 52ND ST
Name:	PALACE VALET CLEANERS INC
Year:	2012
Address:	515 W 52ND ST

A21 **WEST 52ND AFFORDABLE DEVELOPERS LLC** **NY MANIFEST** **S111790737**
SW **533-541 W 52ND ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.006 mi.
30 ft. **Site 21 of 37 in cluster A**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:

EPA ID:	NYR000189134
Country:	USA
Mailing Name:	WEST 52ND AFFORDABLE DEVELOPERS LLC
Mailing Contact:	ROBERT PATSOLAS
Mailing Address:	155 3RD STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11231
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-875-8160
Document ID:	Not reported

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	49200.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441526JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	49340.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Manifest Tracking Num:	008441527JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	46600.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441528JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	48980.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441529JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	53820.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441530JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	50680.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441531JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	54040.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441532JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	23.0
Units:	T - Tons
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441533JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	51760.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441534JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	23.0
Units:	T - Tons
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Year:	2012
Manifest Tracking Num:	008441535JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	51860.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441536JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	52500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441537JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	51400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441538JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	48180.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441539JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-27
Trans1 Recv Date:	2012-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	52540.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441540JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-28
Trans1 Recv Date:	2012-02-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	50180.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441541JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: PAD146714878
Trans2 State ID: Not reported
Generator Ship Date: 2012-02-28
Trans1 Recv Date: 2012-02-28
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-02-28
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000189134
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 49360.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 008441542JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: PAD146714878
Trans2 State ID: Not reported
Generator Ship Date: 2012-02-28
Trans1 Recv Date: 2012-02-28
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-02-28
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000189134
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 48960.0
Units: P - Pounds
Number of Containers: 1.0

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441543JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-28
Trans1 Recv Date:	2012-02-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	50440.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441544JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **S111790737**

Trans2 State ID:	Not reported
Generator Ship Date:	2012-02-28
Trans1 Recv Date:	2012-02-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-02-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000189134
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	51280.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008441545JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Click this hyperlink while viewing on your computer to access
52 additional NY_MANIFEST: record(s) in the EDR Site Report.

A22 **WEST 52ND AFFORDABLE DEVELOPERS LLC** **RCRA-LQG** **1014927123**
SW **533-541 W 52ND ST** **NYR000189134**
< 1/8 **NEW YORK, NY 10019**
0.006 mi.
30 ft. **Site 22 of 37 in cluster A**

Relative:
Higher

Actual:
24 ft.

RCRA-LQG:

Date form received by agency:	01/13/2012
Facility name:	WEST 52ND AFFORDABLE DEVELOPERS LLC
Facility address:	533-541 W 52ND ST NEW YORK, NY 10019
EPA ID:	NYR000189134
Mailing address:	3RD ST BROOKLYN, NY 11231
Contact:	JAY OSOFSKY
Contact address:	3RD ST BROOKLYN, NY 11231
Contact country:	US
Contact telephone:	(718) 875-8160
Contact email:	JOSOFSKY@MONCON.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any

WEST 52ND AFFORDABLE DEVELOPERS LLC (Continued) **1014927123**

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	WEST 52ND AFFORDABLE DEVELOPERS LLC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/22/2011
Owner/Op end date:	Not reported

Owner/operator name:	WEST 52ND AFFORDABLE DEVELOPERS LLC
Owner/operator address:	3RD AVE
	BROOKLYN, NY 11231
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/22/2011
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

Waste code:	D008
Waste name:	LEAD

Violation Status: No violations found

A23
South
< 1/8
0.007 mi.
37 ft.

EDR US Hist Cleaners **1015069982**
N/A

510 W 52ND ST
NEW YORK, NY 10019

Site 23 of 37 in cluster A

Relative:
Lower

Actual:
20 ft.

EDR Historical Cleaners:

Name:	PALACE VALET CLEANERS INC
Year:	2010
Address:	510 W 52ND ST
Name:	PALACE VALET CLEANERS INC
Year:	2011
Address:	510 W 52ND ST
Name:	PALACE VALET CLEANERS INC
Year:	2012
Address:	510 W 52ND ST

A24
SW
< 1/8
0.013 mi.
66 ft.

NY Spills **S103937033**
N/A

52ND ST
52ND ST, 10TH & 11TH AV
MANHATTAN, NY

Site 24 of 37 in cluster A

Relative:
Higher

Actual:
25 ft.

SPILLS:

Facility ID:	9901463
DER Facility ID:	137685
Facility Type:	ER
Site ID:	163240
DEC Region:	2
Spill Date:	5/7/1999
Spill Number/Closed Date:	9901463 / 6/22/1999
Spill Cause:	Abandoned Drums
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	5/7/1999
CID:	211
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/7/1999
Spill Record Last Update:	4/5/2002
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	STANLEY BALDWIN
Contact Phone:	(718) 595-4658
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was

52ND ST (Continued) **S103937033**

Remarks:	"TIBBE"NYC-DEP REMOVED THIS DRUM - NO DEC ACTION 55 GAL DRUM ABANDONED AT ABOVE LOCATION APPROX 1/2 FULL OF PETROLEUM PRODUCT

Material:

Site ID:	163240
Operable Unit ID:	1080232
Operable Unit:	01
Material ID:	305007
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A25 **52ND STREET** **NY Spills** **S106970373**
SW **52ND BETWEEN 10TH & 11TH** **N/A**
< 1/8 **NEW YORK, NY**
0.013 mi.
66 ft. **Site 25 of 37 in cluster A**

Relative:
Higher

Actual:
25 ft.

SPILLS:

Facility ID:	0505569
DER Facility ID:	297086
Facility Type:	ER
Site ID:	350609
DEC Region:	2
Spill Date:	8/5/2005
Spill Number/Closed Date:	0505569 / 8/5/2005
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	8/5/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/5/2005
Spill Record Last Update:	8/5/2005
Spiller Name:	CINDY TADLER
Spiller Company:	CENTURY PETRO
Spiller Address:	147 GAZZA BLVD

52ND STREET (Continued) **S106970373**

Spiller City,St,Zip: FARMINGDALE, NY 11735
Spiller Company: 001
Contact Name: CINDY TADLER
Contact Phone: (631) 752-1688
DEC Memo: duplicate spill to Spill #0505561minor street spill
Remarks: A BUBBLE IN HOSE CAUSED IT TO SPILL OUT: ALL CLEANED UP: FIRE DEPT. ON SCENE:

Material:
Site ID: 350609
Operable Unit ID: 1108167
Operable Unit: 01
Material ID: 2098099
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: 2
Resource Affected: Not reported
Oxygenate: False

Tank Test:

A26 **500 WEST 52 STREET** **NY AST** **A100292463**
SSE **500 WEST 52ND STREET** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.015 mi.
78 ft. **Site 26 of 37 in cluster A**

Relative:
Lower

Actual:
19 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-607669
Program Type: PBS
UTM X: 585161.40044
UTM Y: 4513261.5053200005
Expiration Date: N/A

Affiliation Records:
Site Id: 29521
Affiliation Type: On-Site Operator
Company Name: 500 WEST 52 STREET
Contact Type: Not reported
Contact Name: ASST. COMMISSIONER/DAMP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 863-7305
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR

500 WEST 52 STREET (Continued) **A100292463**

Date Last Modified: 8/3/2011

Site Id: 29521
Affiliation Type: Emergency Contact
Company Name: NYC DEPT HPD
Contact Type: Not reported
Contact Name: DEREK PARSONS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 863-7172
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/3/2011

Site Id: 29521
Affiliation Type: Facility Owner
Company Name: NYC DEPT HPD
Contact Type: Not reported
Contact Name: Not reported
Address1: 100 GOLD STREET, #7-L2
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 863-7087
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/3/2011

Site Id: 29521
Affiliation Type: Mail Contact
Company Name: NYC HPD
Contact Type: Not reported
Contact Name: ASST. COMMISSIONER - DIV PROP MGMT
Address1: 100 GOLD STREET
Address2: 7T-2
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 863-7087
EMail: LOUIEV@HPD.NYC.GOV
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/3/2011

Tank Info:

Tank Number: 1
Tank Id: 63352

500 WEST 52 STREET (Continued) **A100292463**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/06/1942
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/04/2011
Register: True
Modified By: NRLOMBAR
Last Modified: 08/03/2011

A27 **549 WEST 52ND STREET** **NY AST** **U003394906**
West **549 WEST 52ND STREET** **NY HIST AST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.015 mi.
79 ft. **Site 27 of 37 in cluster A**

Relative: Higher

Actual: 27 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-469874
Program Type: PBS
UTM X: 585046.47603000002
UTM Y: 4513363.4798499998
Expiration Date: N/A

Affiliation Records:
Site Id: 20549
Affiliation Type: On-Site Operator
Company Name: 549 WEST 52ND STREET
Contact Type: Not reported
Contact Name: NONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001

549 WEST 52ND STREET (Continued) **U003394906**

Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/15/2012

Site Id:	20549
Affiliation Type:	Facility Owner
Company Name:	NYC DEPT. OF HPD
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	100 GOLD STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7087
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/15/2012

Site Id:	20549
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPT. OF HPD
Contact Type:	Not reported
Contact Name:	DEREK PARSONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 559-4337
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/15/2012

Site Id:	20549
Affiliation Type:	Mail Contact
Company Name:	NYC HPD
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DPM
Address1:	100 GOLD STREET
Address2:	7T-2
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7087
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/15/2012

549 WEST 52ND STREET (Continued) **U003394906**

Tank Info:

Tank Number:	001
Tank Id:	37262
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1910
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/16/2011
Register:	True
Modified By:	NRLOMBAR
Last Modified:	03/15/2012

HIST AST:

PBS Number:	2-469874
SWIS Code:	6201
Operator:	PIJUSH LODH
Facility Phone:	(212) 806-8091
Facility Addr2:	549 WEST 52ND STREET
Facility Type:	Not reported
Emergency:	MILTON MASTER
Emergency Tel:	(212) 806-8213
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NYC HOUSING PRESERV & DEVEL
Owner Address:	75 MAIDEN LANE
Owner City,St,Zip:	NEW YORK, NY 10038
Federal ID:	Not reported
Owner Tel:	(212) 806-8091
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	NYC HOUSING PRESERV & DEVEL
Mailing Address:	75 MAIDEN LANE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10038

549 WEST 52ND STREET (Continued) **U003394906**

Mailing Telephone:	(212) 806-8091
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/28/1989
Expiration:	03/28/1994
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

A28
WSW
< 1/8
0.015 mi.
81 ft.

549 WEST 52ND STREET — **NY Spills** — **S104278710**
549 WEST 52ND STREET — **N/A**
MANHATTAN, NY

Site 28 of 37 in cluster A

Relative:
Higher

Actual:
27 ft.

SPILLS:

Facility ID:	9909771
DER Facility ID:	104435
Facility Type:	ER
Site ID:	120264
DEC Region:	2
Spill Date:	11/10/1999
Spill Number/Closed Date:	9909771 / 6/17/2010
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	11/11/1999
CID:	389
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/11/1999
Spill Record Last Update:	6/17/2010
Spiller Name:	Not reported
Spiller Company:	A J PATEL
Spiller Address:	100 GOLD STREET
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"Vivek Nattanmai. December 29, 2005Reviewed the spill report, identified the property owner and sent a letter dated 12/30/05 to the property owner requesting for information.Albany review (above) - vrnattan1/29/07 - Austin - Transferred from Albany assignment to Patel in R-2 office for further work - end06/06/07-Hiralkumar Patel.PBS #: 2-469874. as per PBS record, site has 5000 gal gasoline AST sitting on floor. tank was installed on 01/01/1910.spill was reported as found #2 oil spill from tank, but PBS shows gasoline tank on-site.spoke with Mr. Brown at NYC HPD. he mentioned that NYC HPD ownes this site but building managed by Clinton Housing Development Co.spoke with Diana Poblador at Clinton housing. she is property manager. she doesn't know anything about oil spill as they managing this building since last month. she will check for any records.Roseland Griffin **property manager**Clinton Housing Development Company403 West 40th StreetNew York, NY 10018Ph. (212) 967-1644Fax (212) 967-1649Diana PobladorClinton Housing Development Companyreceived call from Diana. she said as they are managing this property for a month only, they are not responsible for any work

549 WEST 52ND STREET (Continued) **S104278710**

required for oil spill reported in 1999.left message for Mr. Williams.received call from Mr. Brown. NYC HPD was managing property in 1999 and Mr. Brown will be contact person at NYC HPD.Lloyd BrownNYC HPD100 Gold Street, # 6XNew York, NY 10038Ph. (212) 863-7433Fax (212) 863-7061email: brownll@hpd.nyc.gov06/07/07-Hiralkumar Patel. sent letter to Mr. Brown requiring report submission on oil spill cleanup. letter emailed to Mr. Brown.06/13/07-Hiralkumar Patel. received call from Mr. Brown. site has one gasoline tank. sent email to Mr. Brown with specific information requirement, as Mr. Brown requested. Mr. Brown mentioned that contractor had excavated area to clean spill.07/25/07-Hiralkumar Patel. left message for Mr. Brown.09/19/08-Hiralkumar Patel. left message for Mr. Brown.05/17/10-Hiralkumar Patel.10:57 AM:- spoke with Mr. Brown. he mentioned that their legal department is working on this matter and he asked me to contact Mr. Weinberg.11:00 AM:- left message for Mr. Weinberg.Herold Weinberg **HPD legal**Ph. (212) 863-840905/21/10-Hiralkumar Patel.8:52 AM:- received message from Derek Parsons from NYC HPD.Derek ParsonsDirector: Emergency, Essential Services & LeadNYC HPD100 Gold Street 6-Y2New York, NY 10038Ph. (212) 863-7172 (O) (917) 559-4337 (C)Fax (212) 863-5064email: parsonsd@hpd.nyc.gov 1:44 PM:- spoke with Mr. Parsons. he contacted PTC who doesn't have any documents available on this case. Mr. Parsons will look for documents. during conversation, he mentioned that site has #2 oil tank, instead of gasoline tank as mentioned in PBS record. asked Mr. Parsons to correct PBS record.2:28 PM:- sent email to Mr. Parsons with copy of PBS correction form. asked him to either submit spill cleanup documents from 1999/2000 or contractor's info, who will do soil investigation, by the end of 06/18/10.06/03/10-Hiralkumar Patel. received email from Mr. Parsons (at 9:25 AM on 05/25/10) including copy of field survey data sheets. according to the survey data sheet dated 11/03/99, 6 inches of product found in tank room. HPD inspector suspected leak from tank itself due to corrosion. according to field survey data sheet dated 11/12/1999, 6 inches of product was still there in tank room. according to field survey data sheet dated 01/31/2000, vendor pumped out oil, removed old tank and was in process of installing new tank. also inspector found that tank room was flooded with water, but no oil sheen found on top of water on 01/31/2000.as per field survey notes, contractor installed new tank on-site. but PBS record shows only one tank on site which was installed on 01/01/1910. no information about closure of old tank and installation of new tank.1:48 PM:- left message for Mr. Parsons. informed him that as per field survey sheet, about 6 inches of oil found on tank room floor, but no indication of tank room floor condition or subsurface investigation. asked Mr. Parsons to either submit detailed cleanup report or do soil investigation.during search at ACRIS, found that the subject site owned by Clinton Parkview Apartments Housing Development Fund Corporation.2:35 PM:- spoke with Mr. Parsons. he mentioned that NYC HPD owns the subject site. he mentioned that the lot has mutiple buildings and some of those buildings were sold to Clinton Parkview Apartments Housing Development Corp. and due to some confusion, ACRIS showing the subject site owned by Clinton Parkview. but the subject site is owned by NYC HPD and leased to Clinton Housing Development Company. Mr. Parsons also mentioned that existing tank system at the site is owned by HPD but operated by Clinton Housing.06/04/10-Hiralkumar Patel.10:30 AM:- visited site. site has

549 WEST 52ND STREET (Continued) **S104278710**

10 story building with basement. met Lenny Costillo, building super. inspected tank room. site has AST on saddles in tank vault, which is located under a sidewalk. found tank in bad condition (corrosion and wall chips falling off). found water in tank vault. no label/tank info/fill port color code found. found old abandoned fill port.11:30 AM:- left message for Ms. Poblador.11:42 AM:- received call from Ms. Poblador. she mentioned that Ms. Griffin manages this building. Ms. Poblador mentioned that Clinton Housing has long term lease for the building and they are managing it for City.06/17/10-Hiralkumar Patel. after discussing with DEC Austin, case closed based on following:- 6 inches of #2 product found in tank room on 11/03/99- product thickness (of 6 inches) was the same on 11/12/99- new tank installed at same location- on 01/31/2000, tank room was flooded with water, but no oil/sheen observed on water- no odor/sheen/oil observed inside tank room or sump in basement during a recent site visit4:48 PM:- sent email to DEC Leszek and informed him about PBS violations at the site.case closed.

Remarks: CALLER REPORTING A SPILL ON THE CONCRETE OF MATERIAL FROM A FAULTY TANK TANK WAS PUMPED OUT AND SPEEDY DRY WAS PLACED ON MATERIAL ON CONCRETE

Material:

Site ID:	120264
Operable Unit ID:	1084535
Operable Unit:	01
Material ID:	298841
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A29 **CON EDISON** **NY MANIFEST** **S112210922**
West **551 W 52 ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.017 mi.
90 ft. **Site 29 of 37 in cluster A**

Relative:
Higher

Actual:
27 ft.

NY MANIFEST:

EPA ID:	NYP004271268
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

CON EDISON (Continued) **S112210922**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-01
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271268
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457301JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

A30 **EXCAVATION** **NY Spills** **S111456695**
West **541 WEST 52ND ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.018 mi.
96 ft. **Site 30 of 37 in cluster A**

Relative:
Higher

Actual:
27 ft.

SPILLS:

Facility ID:	1110657
DER Facility ID:	412970
Facility Type:	ER
Site ID:	458504
DEC Region:	2
Spill Date:	12/1/2011
Spill Number/Closed Date:	1110657 / 2/13/2012
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	12/1/2011
CID:	Not reported
Water Affected:	Not reported

EXCAVATION (Continued) **S111456695**

Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/1/2011
Spill Record Last Update:	5/18/2012
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	MONADNOCK CONST
Contact Phone:	(718) 875-8160
DEC Memo:	Construction company was digging test pits and discovered an old 1000 gal UST. Excavator cut a small hole in top and approx 1 gal spilled to soil. Liro Construction is environmental rep on site. Sangesland told Steve Frank at Liro to pump out the tank and remove the impacted soil immediately. He said the empty tank will be pulled later in the excavation/construction process.12/02/11-Hiralkumar Patel.11:47 AM:- received message from Steve (718-321-3136 Ext. 236) from LiRo. he mentioned that tank has been pumped out 12/06/11-Hiralkumar Patel.9:22 AM:- spoke with Steve. he mentioned that tank and about 15 yards of contaminated soil has been removed. they did not collected any endpoint samples as the area, where the tank was found, will be excavated down to bedrock as part of new construction. Steve mentioned that they dug down to about 8.5 ft and the bedrock is at about 12 ft bg. currently, there is a building on-site which will be demolished soon. Steve mentioned that contaminated soil has been stockpiled on site and will be diposed once contractor start digging for new buiding. informed him that the Department requires removal of contaminated soil to prevent any cross-contamination. asked him to submit a cleanup report (including work description, reason for not collecting endpoint samples, site map and disposal manifests) by the end of 12/16/11. Steve mentioned that Rob Patsakos is the field supervisor for construction company.9:33 AM:- left message for Mr. Patsakos and asked him to submit cleanup report by 12/16/11.01/11/12-Hiralkumar Patel.8:38 AM:- received email from Craig from LiRo including a work plan. as per work plan, no endpoint samples were collected after removal of 1,000 gal UST as additional site excavation is required for site redevelopment. LiRo is proposing to collect endpoint samples after the final excavation needed for site redevelopment. as per plan, former tank area will be excavated to 12 ft bg.Craig T. Taylor LiRo Engineers, Inc.Ph. (716) 882-5476 Ext. 239Fax (716) 882-9640email: taylorc@liro.com10:06 AM:- spoke with Craig. as excavation for site redevelopment may take months, asked Craig to submit spill cleanup report by the end of 02/10/12.10:08 AM:- sent email to Craig. informed him that spill cleanup report must be submitted by 02/10/12. email copied to Steve Frank (franks@liro.com) and Frank Dubinsky (FDubinsky@moncon.com).12:42 PM:- received revised work plan indicating that spill cleanup report will be submitted by the end of 02/10/12.alternate address: 533-547 W 52nd Streettotal of 9 buildings on lot.no other spills or PBS record found for the subject site.

EXCAVATION (Continued) **S111456695**

spill(s) and PBS(s) records for other buildings on lot.01/12/12-Hiralkumar Patel.10:46 AM:- received call form Frank Dubinsky, representative of property owner. he mentioned that they subdivided lot 1 on block 1081 and created a new lot 101. and lot 101 is not part of Clinton Parkview Apartments.West 52nd Affordable Developers Housing Developmentc/o Monadnock West 52nd LLC155 3rd StreetBrooklyn, NY 11231Attn.: Frank DubinskyPh. (718) 875-8160 Ext. 209Fax (718)-802-1109email: fdubinsky@moncon.com10:52 AM:- sent work plan approval letter to Mr. Dubinsky and asked to submit closure report by 02/10/12. letter emailed to Mr. Dubinsky and Craig.02/10/12-Hiralkumar Patel.8:22 AM:- received email from Craig including cleanup report. the final tank excavation was 11 ft wide by 27 ft long and was 8.25 ft deep. found endpoint sidewall samples (at 8 ft bg) and two endpoint bottom samples (at 8.25 ft bg) were collected. no contamination found in endpoint samples. groundwater was not encountered during the excavation.02/13/12-Hiralkumar Patel.based on available information, case closed.5:14 PM:- sent spill closure letter to Mr. Dubinsky. letter emailed to Mr. Dubinsky and Craig.05/18/12-Hiralkumar Patel.4:19 PM:- received email from Steve including disposal manifests.

Remarks: found underground tank/approx. 1000gal ust, loss of product to soil

Material:

Site ID:	458504
Operable Unit ID:	1208619
Operable Unit:	01
Material ID:	2205945
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A31 **COMMERCIAL PROPERTY** **NY Spills** **S106017770**
West **553-561 WEST 52ND ST** **N/A**
< 1/8 **NEW YORK, NY**
0.019 mi.
102 ft. **Site 31 of 37 in cluster A**

Relative:
Higher

Actual:
27 ft.

SPILLS:

Facility ID:	0305881
DER Facility ID:	144208
Facility Type:	ER
Site ID:	171362
DEC Region:	2
Spill Date:	9/3/2003
Spill Number/Closed Date:	0305881 / 9/12/2003
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101

COMMERCIAL PROPERTY (Continued) **S106017770**

Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	9/3/2003
CID:	252
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/3/2003
Spill Record Last Update:	9/12/2003
Spiller Name:	UNKNOWN
Spiller Company:	UNKNOWN
Spiller Address:	UNKNOWN
Spiller City,St,Zip:	UNKNOWN, NY
Spiller Company:	999
Contact Name:	LEVENT ESKICAKIT
Contact Phone:	(212) 353-8280
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"Contaminated soil letter sent to ATC9/12/2003 Sangesland reviewed a report submitted from ATC dated Sept 11, 2003. This report says that the tanks were pulled, all contaminated soil removed and end points were clean.
Remarks:	UPON REMOVAL OF TWO UNDERGROUND STORAGE TANKS (1,000) EACH THATHAVE BEEN ABANDONED FROM A PRIOR BUSINESS, SOIL CONTAMINATION WASDISCOVERED. SOIL TO BE REMOVED.

Material:

Site ID:	171362
Operable Unit ID:	874447
Operable Unit:	01
Material ID:	503117
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A32 **FORMER TAXI DEPOT** **NY LTANKS** **S106000055**
West **553-561 W 52ND ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.020 mi.
105 ft. **Site 32 of 37 in cluster A**

Relative:
Higher

Actual:
27 ft.

LTANKS:

Site ID:	142092
Spill Number/Closed Date:	0306876 / 2/25/2004
Spill Date:	9/30/2003
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	9/30/2003
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/30/2003
Spill Record Last Update:	2/25/2004
Spiller Name:	STEVEN TING
Spiller Company:	FORMER TAXI DEPOT
Spiller Address:	553-561 W 52ND ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	STEVEN TING
Spiller Phone:	(212) 260-2550
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	121298
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"12/2/2003 Transferred from Sangesland to Rommel 2/25/2004-Vought-Spill transferred from Rommel to Vought.File review by Vought:Supplemental Remedial Action Report (ATC Associates, David Winslow 212-353-8280). Clinton Association for a Renewed Environment authorized ATC to remove four (1000-gallon) gasoline USTs, six (550-gallon) gasoline USTs and one (275-gallon) waste oil UST, oversee the removal of historic fill and the installation of a vapor barrier membrane at 740-744 11th Avenue and 557-561 West 52nd Street. Contaminated soil found beneath four (1000-gallon) USTs resulting in filing of spill #0305881 which was closed after the removal of approximately 34 tons of contaminated soil. Additional contaminated soil was found and this spill number was opened and approximately 74 tons of contaminated soil was excavated and removed after excavation to bedrock. "A Singel Barrier Containment System was installed beneath the floor slab of the building..." "In addition ATC supervised the installation of a soil cap on Januar 5, 2004. The containment system consisted of a vegetative and protective layer, 18" of soil including 6" of top soil, a geotextile filter fabric, protective layer, 6" of compacted soil subgrade". Approximately

FORMER TAXI DEPOT (Continued) **S106000055**

3777.5 tons of historic fill were also removed from the site. "The upper one foot of the weathered schist was removed to expose comptent bedrock". No groundwater was encountered abover bedrock at this site. No bottom samples were collected due to the presence of bedrock. Report request No Futher Action. Soil analyticals show no TAGM 4046 Soil Cleanup Objective exceedences. Spill closed by Vought due to lack of exceedances, extraordinary amount of soil excavation (3777.5 tons) and competency of bedrock.

Remarks: while doing further digging after a tank removal found contaminated soil

Material:

Site ID:	142092
Operable Unit ID:	875622
Operable Unit:	01
Material ID:	500494
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A33 **CLINTON PARKVIEW APARTMENTS** **NY UST** **U004046405**
West **555 WEST 52ND STREET** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.021 mi.
113 ft. **Site 33 of 37 in cluster A**

Relative:
Higher

Actual:
27 ft.

UST:

Id/Status:	2-609227 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585006.05922000005
UTM Y:	4513359.1962900003

Affiliation Records:

Site Id:	31072
Affiliation Type:	Facility Owner
Company Name:	MS. MARY DELIA
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	747 TENTH AVENUE, APT. 14-K
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 246-2429

CLINTON PARKVIEW APARTMENTS (Continued) **U004046405**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	31072
Affiliation Type:	Mail Contact
Company Name:	P&L MANAGEMENT
Contact Type:	Not reported
Contact Name:	MR. MICHAEL PIANTADOSI
Address1:	PUTNAM BUSINESS PARK
Address2:	ROUTE 22
City:	BREWSTER
State:	NY
Zip Code:	10509-0009
Country Code:	001
Phone:	(845) 278-2600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	31072
Affiliation Type:	On-Site Operator
Company Name:	CLINTON PARKVIEW APARTMENTS
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	31072
Affiliation Type:	Emergency Contact
Company Name:	MS. MARY DELIA
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

CLINTON PARKVIEW APARTMENTS (Continued) **U004046405**

Tank Info:

Tank Number:	001
Tank ID:	66853
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	09/01/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number:	002
Tank ID:	66854
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	09/01/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

CLINTON PARKVIEW APARTMENTS (Continued) **U004046405**

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 003
Tank ID: 66855
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 004
Tank ID: 66856
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground

CLINTON PARKVIEW APARTMENTS (Continued) **U004046405**

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 005
Tank ID: 66857
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 66858
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT

CLINTON PARKVIEW APARTMENTS (Continued) **U004046405**

Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 66859
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 66860
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN

CLINTON PARKVIEW APARTMENTS (Continued) **U004046405**

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 009
Tank ID: 66861
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 010
Tank ID: 66862
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

CLINTON PARKVIEW APARTMENTS (Continued) **U004046405**

Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 011
Tank ID: 66863
Tank Status: Closed - Removed
Capacity Gallons: 275
Install Date: Not reported
Date Tank Closed: 09/09/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 012
Tank ID: 66864
Tank Status: Closed - Removed
Capacity Gallons: 30
Install Date: Not reported
Date Tank Closed: 09/01/2003

CLINTON PARKVIEW APARTMENTS (Continued) **U004046405**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

A34 **CON EDISON** **NY MANIFEST** **S112210921**
West **559 W 52 ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.026 mi.
137 ft. **Site 34 of 37 in cluster A**

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

EPA ID:	NYP004271250
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271250
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CON EDISON (Continued) **S112210921**

TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457309JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

A35 **560 WEST 52ND STREET** **NY Spills** **S106013670**
West **560 WEST 52ND STREET** **N/A**
< 1/8 **NEW YORK, NY**
0.028 mi.
150 ft. **Site 35 of 37 in cluster A**

Relative:
Higher

Actual:
28 ft.

SPILLS:

Facility ID:	0330007
DER Facility ID:	213514
Facility Type:	ER
Site ID:	261433
DEC Region:	2
Spill Date:	5/1/2003
Spill Number/Closed Date:	0330007 / 5/1/2003
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	5/1/2003
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/1/2003
Spill Record Last Update:	12/23/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN

560 WEST 52ND STREET (Continued) **S106013670**

Spiller Address:	560 WEST 52ND STREET
Spiller City,St,Zip:	NEW YORK, NY -
Spiller Company:	001
Contact Name:	BILL JACOBS
Contact Phone:	(212) 977-3090
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"5/1/02 TIPPLE/ see also spill # 9912977 Demeo conducted site visit, inspected basement of notifiers building, bottle recycle center next door as well as vacant loton the other side of the notifiers property. Demeo found no olfactory or visual evidance of a petroleum release in any of the areas he inspected. The notifier Bill Jacobs was given the hotline number and advised to call immediately upon olfactory or other indications of a petroleum release. nfa at this timesee also 99-1297712/17/03 TJDBill Jacobs (impacted citizen) contacted RWA directly, stating he is still intermittently being impacted by petroleum vapors inside his business. As per RWA direction, Demeo performed another site visit. No problems of main floor of business. In basement low levels (<5PPM on PID) of petroleum type vapors were identified. No tanks at location, building is on gas heat. No obvious signs of a release: No spillage or seepage noted on floor or walls. A loose sewer cap was identified & Mr. Jacobs was informed that the loose sewer cap can be the pathway for vapors. He was instructed to repair and/or replace sewer cap. As per RWA no further DEC action is planned.
Remarks:	Mr. Jacobs indicated that strong fuel odors present in building at 562 w 52nd street. Happens when it rains. He is a commercial tennant at site, and can allow access to basement where vapors are detected.

Material:

Site ID:	261433
Operable Unit ID:	880571
Operable Unit:	01
Material ID:	496505
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A36 **CON EDISON** **NY MANIFEST** **S112210899**
West **562 W 52ND ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.031 mi.
162 ft. **Site 36 of 37 in cluster A**

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

EPA ID:	NYP004271011
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR

CON EDISON (Continued) **S112210899**

Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271011
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457238JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271011
Trans1 EPA ID:	Not reported

CON EDISON (Continued) **S112210899**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457238JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

A37 **562 W.52ND ST** **NY Spills** **S106719724**
West **562 W.52ND ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.032 mi.
167 ft. **Site 37 of 37 in cluster A**

Relative:
Higher

Actual:
29 ft.

SPILLS:

Facility ID:	9912977
DER Facility ID:	203258
Facility Type:	ER
Site ID:	247537
DEC Region:	2
Spill Date:	2/14/2000
Spill Number/Closed Date:	9912977 / 5/1/2003
Spill Cause:	Housekeeping
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	2/14/2000
CID:	297
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/14/2000
Spill Record Last Update:	5/1/2003
Spiller Name:	UNK
Spiller Company:	NYC HOUSING

562 W.52ND ST (Continued) **S106719724**

Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	NYC HOUSING
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SACCACDEMEO"5/1/2003 tipple updating/transferred from Saccacio to Demeo/ see spill #0330007 Demeo inspected site 5/1/03 and found no visual or olfactory evidance of a release .
Remarks:	CALLER STATES THAT THE ABOVE ADDRESS IS A NYC HOUSING RENTOVATION AND THE CONTRACTOR IS DUMPING CONTAIMINATED SOIL INTO A DUMPSTER TO GET RID OF IT, CALLER BELIEVES THE SOIL IS CONTAMINATED WITH HEATING OIL, COAL DUST, AND MURIATIC ACID

Material:

Site ID:	247537
Operable Unit ID:	1087501
Operable Unit:	01
Material ID:	294841
Material Code:	0063A
Material Name:	UNKNOWN HAZARDOUS MATERIAL
Case No.:	Not reported
Material FA:	Hazardous Material
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	247537
Operable Unit ID:	1087501
Operable Unit:	01
Material ID:	294840
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

B38 **VACANT LOT** **NY LTANKS S106703119**
North **770 11TH AVE** **NY Spills N/A**
< 1/8 **MANHATTAN, NY**
0.040 mi.
209 ft. **Site 1 of 8 in cluster B**

Relative:
Higher

Actual:
27 ft.

LTANKS:

Site ID:	286127
Spill Number/Closed Date:	8704066 / 4/27/1994
Spill Date:	8/14/1987
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response.

VACANT LOT (Continued) **S106703119**

	Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	8/17/1987
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/11/1987
Spill Record Last Update:	6/24/2009
Spiller Name:	Not reported
Spiller Company:	N Y TELEPHONE
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	364699
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"REFER TO 8703912. SEE FILE.
Remarks:	4K TK FAILED PETRO-TITE.

Material:

Site ID:	286127
Operable Unit ID:	907936
Operable Unit:	01
Material ID:	570977
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	286127
Spill Tank Test:	1531401
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

VACANT LOT (Continued) **S106703119**

SPILLS:

Facility ID:	0706546
DER Facility ID:	364699
Facility Type:	ER
Site ID:	387081
DEC Region:	2
Spill Date:	9/12/2007
Spill Number/Closed Date:	0706546 / 6/20/2008
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	9/12/2007
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/12/2007
Spill Record Last Update:	7/14/2009
Spiller Name:	BONNIE CAMPBELL
Spiller Company:	VACANT LOT
Spiller Address:	770 11TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	999
Contact Name:	BONNIE CAMPBELL
Contact Phone:	(718) 222-2500
DEC Memo:	10/11/07-Hiralkumar Patel. spoke with Eric (212-631-9000) at Emteque. site is under development. during demolition and initial soil excavation, found free product. after that Emteque did borings at site. Eric has results of sample analysis and will send it. Eric believes that there are about 8 gasoline USTs at site.left message for Bonnie Campbell (718-222-2500).alternate address: 131-139 E 60th Streetno PBS record found.10/12/07-Hiralkumar Patel. received sample analyticals from Eric. found few SVOCs in samples. visited site. spoke with Bernard McCaffrey, project manager. as per Bernard, they found five 275 gal tanks from site. but haven't observed any product on ground. as a part of construction, they will excavate entire lot to about 15 ft bg for foundation work. no sign of contamianted soil or vapor/odor noticed at site. asked Bernard to register tanks that have been removed from the site.Bernard McCaffreyTwo Trees45 Main StreetBrooklyn, NY 11201Ph. (718) 222-2500 (O) (347) 686-2143 (C)Fax (718) 222-2501email: bmcaffrey@twotrees-dumbo.combased on site observations, case closed.10/29/07-Hiralkumar Patel. received email from Eric. they found another 2000 gal waste oil tank at site. asked Eric to see any contaminated soil at site and if any, ask to take endpoint samples according to DER-10.06/20/08-Hiralkumar Patel. received closure report (on 04/01/08) from Emteque. they removed all soil from the site and currently construction company is blasting bedrock for foundation work. no endpoint samples taken as all soil

VACANT LOT (Continued) **S106703119**

removed as regulated material.spoke with Eric at Emteque. he mentioned that currently they are 40 ft bg and about 25 ft into bedrock. no soil left at entire site. Eric mentioned that no groundwater encountered yet.based on submitted report, case closed.06/30/09-Hiralkumar Patel. recevied email from Eric requesting NFA.07/14/09-Hiralkumar Patel.2:33 PM:- spoke with Eric regarding mailing address for NFA. he asked to send letter to:Two Trees Management LLC.45 Main Street, Suite 602Brooklyn, NY 11201Attn.: Amish PatelPH. (718) 222-2500email: amish@twotrees-dumbo.comsent NFA to Mr. Patel for spill #s: 0706546 & 0512738. letter emailed to Mr. Patel and Eric.

Remarks: DURING TEST PITS FOUND FREE PRODUCT: WILL BE SCHEDULING A VAC TRUCK TODAY

Material:

Site ID:	387081
Operable Unit ID:	1144301
Operable Unit:	01
Material ID:	2134598
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

B39 **VERIZON** **NJ MANIFEST** **S108794100**
North **770 11TH AVE & 54TH ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.040 mi.
209 ft. **Site 2 of 8 in cluster B**

Relative:
Higher

Actual:
27 ft.

NJ MANIFEST:

Manifest Code:	000180953GBF
EPA ID:	NYD987030806
Date Shipped:	05/23/2007
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/23/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

VERIZON (Continued) **S108794100**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/04/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D018
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	100
Unit:	P
Hand Code:	H14

B40 **IN PARKING LOT** **NY LTANKS** **S107522651**
North **766 11TH AVE** **NY Spills** **N/A**
< 1/8 **MANHATTAN, NY**
0.040 mi.
209 ft. **Site 3 of 8 in cluster B**

Relative:
Higher

Actual:
27 ft.

LTANKS:

Site ID:	172646
Spill Number/Closed Date:	8703912 / 4/27/1994
Spill Date:	8/11/1987
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	4/27/1994
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	8/11/1987
CID:	Not reported

IN PARKING LOT (Continued) **S107522651**

Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 8/18/1987
Spill Record Last Update: 6/24/2009
Spiller Name: Not reported
Spiller Company: NEW YORK TELEPHONE
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 145304
DEC Memo: Not reported
Remarks: UNCOVER / ISOLATE / RE-TEST.

Material:
Site ID: 172646
Operable Unit ID: 907800
Operable Unit: 01
Material ID: 470122
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 172646
Spill Tank Test: 1531351
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

SPILLS:
Facility ID: 0512738
DER Facility ID: 309065
Facility Type: ER
Site ID: 359049
DEC Region: 2
Spill Date: 2/3/2006

IN PARKING LOT (Continued) **S107522651**

Spill Number/Closed Date:	0512738 / 7/13/2009
Spill Cause:	Abandoned Drums
Spill Class:	Not reported
SWIS:	3101
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	2/3/2006
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/3/2006
Spill Record Last Update:	7/13/2009
Spiller Name:	DISPATCHERS
Spiller Company:	IN PARKING LOT
Spiller Address:	766 11TH AVE
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	DISPATCHERS
Contact Phone:	(212) 628-2900
DEC Memo:	2/3/06-Vought-Called FDNY dispatcher and spill caused by "leaking gallon containers in a Verizon parking lot" and FDNY was no longer at scene. Vought called Jerome Kung (646-483-6554) who will find out status of spill. Kung called DEC back and left message. Vought called back Jerome and left message to return call to DEC. 07/13/09-Hiralkumar Patel. case closed. refer to spill #: 0706546.
Remarks:	FIRE DEPT ON SCENE , UNKNOWN AMOUNT IN PARKING LOT: WOULD LIKE DEC TO RESPOND

Material:

Site ID:	359049
Operable Unit ID:	1116273
Operable Unit:	01
Material ID:	2106416
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9313414
DER Facility ID:	145304
Facility Type:	ER
Site ID:	172647

IN PARKING LOT (Continued) **S107522651**

DEC Region:	2
Spill Date:	2/14/1994
Spill Number/Closed Date:	9313414 / 2/15/1994
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
SWIS:	3101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	2/14/1994
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	2/15/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/16/1994
Spill Record Last Update:	6/24/2009
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller City,St,Zip:	***UPDATE***, ZZ
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"10/10/95: This is additional information about material spilled from the translation of the old spill file: ODOR.
Remarks:	CALLED AIR QUALITY AET (908)248-8791 - CALLED RICK @ AET, HE HAS BEEN CALLED BY DORIS PONPILLO TO DO AIR MONITORING, LIKE THP LEVEL IN AIR, ON 2/15/94 WILL GET BACK TO DEC W/RESULT, CAN'T REACH SUSMIT

Material:

Site ID:	172647
Operable Unit ID:	995458
Operable Unit:	01
Material ID:	388798
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

C41 **COMMERCIAL BUILDING** **NY LTANKS** **S111012249**
SSE **500 WEST 52ND STREET** **N/A**
< 1/8 **MANHATTAN, NY**
0.049 mi.
258 ft. **Site 1 of 19 in cluster C**

Relative:
Higher

Actual:
25 ft.

LTANKS:

Site ID:	447753
Spill Number/Closed Date:	1100355 / Not Reported
Spill Date:	4/11/2011
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	4/11/2011
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	4/11/2011
Spill Record Last Update:	5/12/2011
Spiller Name:	Not reported
Spiller Company:	HOUSING PERSERVATION DEVELOPMENT
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	DEREK PARSONS
Spiller Phone:	(917) 559-4337
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	402345
DEC Memo:	"Modified" TTF letter e-mailed to HPD property manager -Derek Parsons.Director, Environmental Compliance NYC HPD - Office of Development100 Gold St, Rm 9V-5, NY, NY 10038(p) 212-863-7172; (f) 212-863-7988, (C) 917-559-4337parsonsd@hpd.nyc.gov e-mail message sent:Attn: Derrick Parsons, HPD Property ManagerThe following spill cases refer to two Tank Test Failures that both occurred on April 11, 2011.Spill #1100355 - 500 West 52nd St, Manhattan Spill #1100365 - 400 Grand St, ManhattanBelow is the standard text sent out to all property owners/managers after a tank test failure:On April 11, 2011 the New York State Department of Environmental Conservation (the Department) received notification of a tank system integrity failure at the above mentioned facility. You have been identified as either the owner of this tank or the owner's representative. Because the tank system was found not to be tight, a petroleum release may have occurred at this property, which is a violation of the New York State Environmental Conservation and Navigation Laws. Therefore, the Department requires that you take immediate action to prevent and stop any additional release of petroleum, determine the cause of the failure, and investigate/remediate any soil and/or groundwater contamination, if a petroleum release has occurred. The following

COMMERCIAL BUILDING (Continued) **S111012249**

steps are required by the Department: 1. Determine if the "wet" portion of the tank system failed. If so or if it is inconclusive as to which part of the system failed, then the tank's contents must be emptied immediately to ensure that no further release occurs.2. Determine the cause of the tank system integrity failure. This process may include, but is not limited to, excavation of a part of the tank system, isolation of the tank from the piping and separate retesting, or tank and/or piping repair/replacement with subsequent system retesting.3. Remove any contaminated soil found during the excavation of the tank or piping to the extent feasible and properly disposed of it under applicable regulations for petroleum contaminated soil. 4. Submit a letter or report to this office no later than one month from the date of this letter. The report must be prepared by a qualified professional. The report must reference the spill case number and the site address. The report must specify the cause of the tank system failure and the actions taken to stop, minimize, or remove the petroleum release and must also include conclusions and recommendations for further action. Specific mention must be made if any contamination was found, and how it was dealt with.**********
**********Mr. Parsons - As per our telephone conversation, it sounds as though your office is proceeding with the required isolation and retesting necessary to determine the location of the leaking problem. In terms of the NYSDEC, we are most concerned with the identification of any actual spill or soil contamination which may have resulted from a leak.Please get back in touch with our office as soon as this additional investigation is completed with any results you may be able to provide.Thank you,Steven SangeslandEnvironmental EngineerNYSDEC - Region 2 Spills Unit**********
**********5/12/2011
Sangesland spoke to Derrick Parsons at HPD. He had the environmental consultant in his office. He said the issue with 500 W 52nd St site was a dry leak from an old weld on the top of the tank. They tried to repair it, but it didn't work. (AST wrapped) Tank is being taken out of service and removed. Sangesland asked for a color photo of the tank area AFTER the tank was removed. If there is oil staining, a boring will be required.

Remarks: 1247 THE CALLER ADVISED DISPATCH THE SPILL AMOUNT IS UNKNOWN AT THIS TIME. THE TANK TEST REFLECTED A FAILURE IN THE SYSTEM. THE CLEAN UP IS PENDING UPON TANK REMOVAL. THE TANK IS ABOVE GROUND.

Material:

Site ID:	447753
Operable Unit ID:	1197962
Operable Unit:	01
Material ID:	2194233
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

COMMERCIAL BUILDING (Continued) **S111012249**

Tank Test:

B42
NNE
< 1/8
0.055 mi.
290 ft.

Relative:
Lower

Actual:
21 ft.

CENTRO MARIA **NY AST U003385480**
539 W 54 ST **NY HIST AST N/A**
NEW YORK, NY 10019

Site 4 of 8 in cluster B

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-109541
Program Type:	PBS
UTM X:	585182.96701000002
UTM Y:	4513473.9601699999
Expiration Date:	2017/06/05

Affiliation Records:

Site Id:	3303
Affiliation Type:	Facility Owner
Company Name:	CATHOLIC CHARITIES
Contact Type:	SUPERIOR
Contact Name:	HILDA RAMIREZ
Address1:	1011 FIRST AVE 11TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 371-1000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/24/2012

Site Id:	3303
Affiliation Type:	Mail Contact
Company Name:	CENTRO MARIA
Contact Type:	Not reported
Contact Name:	SUPER FACILITY MANAGER
Address1:	539 WEST 54TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 757-6989
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3303
Affiliation Type:	On-Site Operator
Company Name:	CENTRO MARIA
Contact Type:	Not reported

CENTRO MARIA (Continued) **U003385480**

Contact Name:	RELIGIOUS OF MARY IMMACULATE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 757-6989
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3303
Affiliation Type:	Emergency Contact
Company Name:	CATHOLIC CHARITIES
Contact Type:	Not reported
Contact Name:	SISTE MARIA DEL ROSARIO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 581-5273
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	003
Tank Id:	7840
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
I05 - Overfill - Vent Whistle
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1935

CENTRO MARIA (Continued) **U003385480**

Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	03/23/2007

HIST AST:

PBS Number:	2-109541
SWIS Code:	6201
Operator:	RELIGIOUS OF MARY IMMACULATE
Facility Phone:	(212) 757-6989
Facility Addr2:	539 W 54 ST
Facility Type:	OTHER
Emergency:	SISTE MARIA DEL ROSARIO
Emergency Tel:	(212) 581-5273
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CATHOLIC CHARITIES
Owner Address:	1011 FRIST AVE 11TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10022
Federal ID:	Not reported
Owner Tel:	(212) 371-1000
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	SUPER FACILITY MANAGER
Mailing Name:	CENTRO MARIA
Mailing Address:	539 WEST 54TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 757-6989
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	04/21/1998
Expiration:	06/05/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	003

CENTRO MARIA (Continued) **U003385480**

Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

D43 **EDR US Hist Auto Stat** **1015527796**
South **505 W 51ST ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.056 mi.
295 ft. **Site 1 of 2 in cluster D**

Relative:
Lower

Actual:
19 ft.

EDR Historical Auto Stations:

Name:	DAVES AUTO RADIATOR WKS SPECIALIZING IN RADIATORS
Year:	1999
Address:	505 W 51ST ST
Name:	DAVES AUTO RADIATOR WORKS
Year:	2000
Address:	505 W 51ST ST
Name:	DAVES AUTO RADIATOR WORKS
Year:	2001
Address:	505 W 51ST ST
Name:	DAVES COLLISION REPRS
Year:	2002
Address:	505 W 51ST ST
Name:	DAVES AUTO RADIATOR WORKS
Year:	2003
Address:	505 W 51ST ST
Name:	DAVES AUTO RADIATOR WORKS INC
Year:	2004
Address:	505 W 51ST ST
Name:	DAVES COLLISION REPAIR

(Continued) **1015527796**

Year: 2005
Address: 505 W 51ST ST

Name: DAVES AUTO BODY
Year: 2006
Address: 505 W 51ST ST

Name: DAVES AUTO BODY
Year: 2007
Address: 505 W 51ST ST

Name: DAVES AUTO BODY
Year: 2008
Address: 505 W 51ST ST

Name: DAVES AUTO RADIATOR WORKS
Year: 2010
Address: 505 W 51ST ST

D44 **APARTMENT BLDG** **NY Spills** **S104503946**
SW **535 W. 51ST ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.056 mi.
297 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
24 ft.

SPILLS:
Facility ID: 9709805
DER Facility ID: 153877
Facility Type: ER
Site ID: 183838
DEC Region: 2
Spill Date: 11/22/1997
Spill Number/Closed Date: 9709805 / 2/25/2003
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: KGHALE
Referred To: Not reported
Reported to Dept: 11/22/1997
CID: 370
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 11/22/1997
Spill Record Last Update: 2/25/2003
Spiller Name: GAE RICCI
Spiller Company: MB TRUCKING
Spiller Address: 1281 VIELE AV
Spiller City,St,Zip: BRONX, NY 10474-
Spiller Company: 001
Contact Name: ABOVE CALLER

APARTMENT BLDG (Continued) **S104503946**

Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HALE"2/25/2003 - Closed Due To The Nature / Extent Of The Spill Report
Remarks: fitting malfunction spill to sidewalk no sewer involved spill contained and cleaned

Material:
Site ID: 183838
Operable Unit ID: 1056070
Operable Unit: 01
Material ID: 328137
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 15
Units: Gallons
Recovered: 15
Resource Affected: Not reported
Oxygenate: False

Tank Test:

C45 **APARTMENT BUILDING** **NY Spills** **S109580947**
South **501 WEST 51ST ST** **N/A**
< 1/8 **MANHATTAN, NY 10019**
0.057 mi.
301 ft. **Site 2 of 19 in cluster C**

Relative:
Lower

Actual:
19 ft.

SPILLS:
Facility ID: 0813463
DER Facility ID: 360373
Facility Type: ER
Site ID: 411155
DEC Region: 2
Spill Date: 8/1/2008
Spill Number/Closed Date: 0813463 / 3/17/2009
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: rvketani
Referred To: Not reported
Reported to Dept: 3/13/2009
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/13/2009
Spill Record Last Update: 3/17/2009

APARTMENT BUILDING (Continued) **S109580947**

Spiller Name:	SAL
Spiller Company:	APARTMENT BUILDING
Spiller Address:	501 WEST 51ST ST
Spiller City,St,Zip:	MANHATTAN, NY 10019
Spiller Company:	999
Contact Name:	UNKNOWN
Contact Phone:	Not reported
DEC Memo:	3/13/09 - Raphael Ketani. The site is a 6 story apartment building that was turned into condominiums. The block and lot are 1080 and 25. The main address is listed in Property Shark as 753 10th Avenue. The alternate addresses are 755-765 10th Avenue, 507-515 West 51st Street, and 510-518 West 52nd Street. The owner, according to ACRIS, is Clinton Green South, LLC, c/o The Dermot Company, Inc., 320 West 57th Street, NY, 10019.According to Donna Vieni of ABC Tank (718) 272-2800, they were contracted by Lemi Construction (Sal is the contact; (646) 721-0019) back on 8/1/08 to remove a 275 gal. tank and the associated contaminated soil. She said that the soil and tank were removed and end point samples were taken. She has the results and they were at or below TAGM. She said that she has the whole remediation report and she will send it to DEC. I asked her why the spill wasn't reported until now. She said that she had no answer.3/17/09 - Raphael Ketani. Donna of ABC Tank sent me the FAXed soil analyticals for the site. I reviewed them and found the residual contamination to be non-detect for VOCs and generally well below the TAGM limits for SVOCs.As the analytical results indicate that the residual contaminant concentrations are very low and Donna told me that the tank and the contaminated soil were removed, I am closing the spill case.
Remarks:	Caller states soil sample results showed impacted soils.

Material:

Site ID:	411155
Operable Unit ID:	1167619
Operable Unit:	01
Material ID:	2159198
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

C46 **501 WEST 51ST STREET** **NY AST** **U003394979**
South **501 WEST 51ST STREET** **NY HIST AST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.057 mi.
301 ft. **Site 3 of 19 in cluster C**

Relative:
Lower

Actual:
19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-470600
Program Type:	PBS
UTM X:	585161.33409999998
UTM Y:	4513211.70316
Expiration Date:	2009/03/28

Affiliation Records:

Site Id:	20613
Affiliation Type:	Emergency Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	213/215 MOTT ST. H.D.F.C.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 613-0908
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/4/2008

Site Id:	20613
Affiliation Type:	Mail Contact
Company Name:	NYC/HPD/DAMP
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DAMP
Address1:	100 GOLD STREET
Address2:	#7Z5
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/19/2012

Site Id:	20613
Affiliation Type:	On-Site Operator
Company Name:	501 WEST 51ST STREET
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DAMP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

501 WEST 51ST STREET (Continued) **U003394979**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20613
Affiliation Type:	Facility Owner
Company Name:	NYC/HPD/DAMP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	100 GOLD ST #7Z5
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	37337
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

501 WEST 51ST STREET (Continued) **U003394979**

HIST AST:

PBS Number:	2-470600
SWIS Code:	6201
Operator:	ASST. COMMISSIONER/DPM
Facility Phone:	(212) 863-7087
Facility Addr2:	501 WEST 51ST STREET
Facility Type:	APARTMENT BUILDING
Emergency:	ASST. COMMISSIONER/DPM
Emergency Tel:	(212) 863-7087
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NYC/HPD/DPM
Owner Address:	100 GOLD ST #6Z1
Owner City,St,Zip:	NEW YORK, NY 10038
Federal ID:	Not reported
Owner Tel:	(212) 863-7087
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	ASST. COMMISSIONER/DPM
Mailing Name:	NYC/HPD/DPM
Mailing Address:	100 GOLD ST #6Z1
Mailing Address 2:	100 GOLD ST #6Z1
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Telephone:	(212) 863-7087
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/09/2001
Expiration:	03/28/2004
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground/Underground Combination

501 WEST 51ST STREET (Continued) **U003394979**

Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	6
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

C47 **CON EDISON** **NY MANIFEST** **S112210902**
ESE **OPP 777 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.060 mi.
318 ft. **Site 4 of 19 in cluster C**

Relative:
Higher

Actual:
29 ft.

NY MANIFEST:

EPA ID:	NYP004271045
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271045
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.

CON EDISON (Continued) **S112210902**

Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457236JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271045
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457236JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

E48 **MOBIL S/S** **NY UST** **U000404883**
East **783 TENTH AVE** **NY HIST UST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.060 mi.
319 ft. **Site 1 of 23 in cluster E**

Relative:
Higher

Actual:
30 ft.

UST:

Id/Status:	2-400602 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585147.17145000002
UTM Y:	4513180.6765999999

Affiliation Records:

Site Id:	19123
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19123
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19123
Affiliation Type:	On-Site Operator
Company Name:	MOBIL S/S
Contact Type:	Not reported
Contact Name:	VACANT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

MOBIL S/S (Continued) **U000404883**

Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19123
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	21711
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	03/26/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	03
Date Test:	10/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H04 - Tank Leak Detection - Groundwater Well
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping

MOBIL S/S (Continued) **U000404883**

Tank Number: 002
Tank ID: 21710
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: Not reported
Date Tank Closed: 03/26/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 05/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
H04 - Tank Leak Detection - Groundwater Well
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping

Tank Number: 003
Tank ID: 21706
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/26/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 05/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
H04 - Tank Leak Detection - Groundwater Well
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None

MOBIL S/S (Continued) **U000404883**

J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Number: 004
Tank ID: 21707
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/26/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 05/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H04 - Tank Leak Detection - Groundwater Well
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Number: 005
Tank ID: 21708
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/26/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 05/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

MOBIL S/S (Continued) **U000404883**

H04 - Tank Leak Detection - Groundwater Well
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Number: 006
Tank ID: 21709
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/26/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 05/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H04 - Tank Leak Detection - Groundwater Well
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Number: 007
Tank ID: 21704
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/26/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: 03
Date Test: 05/01/1994

MOBIL S/S (Continued) **U000404883**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H04 - Tank Leak Detection - Groundwater Well
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Number: 008
Tank ID: 21705
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/26/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: 03
Date Test: 05/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H04 - Tank Leak Detection - Groundwater Well
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

HIST UST:
PBS Number: 2-400602
SPDES Number: Not reported
Emergency Contact: N/A
Emergency Telephone: (000) 000-0000
Operator: VACANT
Operator Telephone: (000) 000-0000
Owner Name: NEW YORK CITY
Owner Address: 75 MAIDEN LANE

MOBIL S/S (Continued) **U000404883**

Owner City,St,Zip:	NEW YORK, NY 10038
Owner Telephone:	(212) 806-8400
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Name:	NEW YORK CITY
Mailing Address:	75 MAIDEN LANE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Contact:	Not reported
Mailing Telephone:	(212) 806-8400
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	783 10TH AVE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	04/06/1999
Expiration Date:	02/25/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	Diking
Leak Detection:	Groundwater Well
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Suction
Date Tested:	10/01/1996
Next Test Date:	Not reported

MOBIL S/S (Continued) **U000404883**

Missing Data for Tank: No Missing Data
Date Closed: 03/26/2001
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: NONE
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Float Vent Valve, Catch Basin
Dispenser: Suction
Date Tested: 05/01/1994
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 03/26/2001
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: NONE
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Float Vent Valve, Catch Basin
Dispenser: Suction
Date Tested: 05/01/1994
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 03/26/2001
Test Method: Horner EZ Check

MOBIL S/S (Continued) **U000404883**

Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	Groundwater Well
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Suction
Date Tested:	05/01/1994
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/26/2001
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	Groundwater Well
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Suction
Date Tested:	05/01/1994
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/26/2001
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

MOBIL S/S (Continued) **U000404883**

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	Groundwater Well
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Suction
Date Tested:	05/01/1994
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/26/2001
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	Groundwater Well
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Suction
Date Tested:	05/01/1994
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/26/2001
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

MOBIL S/S (Continued) **U000404883**

Install Date:	Not reported
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	Groundwater Well
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Suction
Date Tested:	05/01/1994
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/26/2001
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

E49 **EDR US Hist Auto Stat** **1015632831**
East **783 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.060 mi.
319 ft. **Site 2 of 23 in cluster E**

Relative:
Higher

Actual:
30 ft.

EDR Historical Auto Stations:

Name:	FIFTY THIRD ST SERVICE STATION
Year:	2001
Address:	783 10TH AVE
Name:	FIFTY THIRD ST SERVICE STATION
Year:	2002
Address:	783 10TH AVE

E50 **MOBIL SERVICE STATION HPD** **NY Spills** **S102146098**
East **783 10TH AVENUE** **N/A**
< 1/8 **NEW YORK, NY**
0.060 mi.
319 ft. **Site 3 of 23 in cluster E**

Relative:
Higher

Actual:
30 ft.

SPILLS:

Facility ID:	9803781
DER Facility ID:	131703
Facility Type:	ER
Site ID:	155478
DEC Region:	2
Spill Date:	6/24/1998
Spill Number/Closed Date:	9803781 / 7/7/1999
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101

MOBIL SERVICE STATION HPD (Continued) **S102146098**

Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	6/25/1998
CID:	246
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/25/1998
Spill Record Last Update:	2/18/2005
Spiller Name:	PAUL COOPER
Spiller Company:	MOBIL OIL
Spiller Address:	464 DOUGHTY BLVD
Spiller City,St,Zip:	INWOOD, NY 11096-
Spiller Company:	001
Contact Name:	PAUL COOPER
Contact Phone:	(516) 239-7792
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"CLEANED BY RP.SEE ALSO 93-08101 & SP93326.
Remarks:	driver delivered to wrong tank causing overfill. fire dept on scene - spill contained w/foam. cleanup crew enroute

Material:

Site ID:	155478
Operable Unit ID:	1061575
Operable Unit:	01
Material ID:	322102
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	6
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9712707
DER Facility ID:	131703
Facility Type:	ER
Site ID:	155477
DEC Region:	2
Spill Date:	2/13/1998
Spill Number/Closed Date:	9712707 / 2/13/1998
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMMARTIN

MOBIL SERVICE STATION HPD (Continued) **S102146098**

Referred To:	Not reported
Reported to Dept:	2/13/1998
CID:	270
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/13/1998
Spill Record Last Update:	11/14/2005
Spiller Name:	WALTER TULOWITZKI
Spiller Company:	MOBIL OIL
Spiller Address:	464 DOUGHTY BLVD
Spiller City,St,Zip:	INWOOD, NY 11096-
Spiller Company:	001
Contact Name:	WALTER TULOWITZKI
Contact Phone:	(516) 239-8200
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"(212)-664-9652 SPOKE TO MANGER ALFREDO FELISE. SUPERVISOR CAME FROM MOBIL. WATER IN CATCHBASIN BECAUSE OF RAIN. WAITING TO GET IT SUCKED OUT. NO GAS IN STREET. CLEANED PARKING LOT(3'X 3') WITH SPEDDY DRY. 5:30 AM WAS DELIVERY 4-550 REG UNL. 1689[2200]= 4K-2772=ORDERED 800 INV. MIXED UP THE ORDER.
Remarks:	ERROR BY DRIVER IN READING STICK

Material:

Site ID:	155477
Operable Unit ID:	1058916
Operable Unit:	01
Material ID:	327301
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	15
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9010289
DER Facility ID:	86209
Facility Type:	ER
Site ID:	96678
DEC Region:	2
Spill Date:	12/21/1990
Spill Number/Closed Date:	9010289 / 12/21/1990
Spill Cause:	Human Error
Spill Class:	Not reported
SWIS:	3101

MOBIL SERVICE STATION HPD (Continued) **S102146098**

Investigator:	FINGER
Referred To:	Not reported
Reported to Dept:	12/21/1990
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Affected Persons
Cleanup Ceased:	12/21/1990
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/8/1991
Spill Record Last Update:	12/24/2003
Spiller Name:	Not reported
Spiller Company:	ISLAND TRANSPORTATION
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	DRIVER WAS DELIVERING, STATION CUSTOMER STRUCK DELIVERY HOSE,NYCFD RESPONDED & DID CLEAN UP,DEC CHECKED WITH NYCDEP & CONFIRMED CLEAN UP. Not reported

Material:

Site ID:	96678
Operable Unit ID:	950709
Operable Unit:	01
Material ID:	564868
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9308101
DER Facility ID:	131703
Facility Type:	ER
Site ID:	290009
DEC Region:	2
Spill Date:	10/4/1993
Spill Number/Closed Date:	9308101 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	ADZHITOM

MOBIL SERVICE STATION HPD (Continued) **S102146098**

Referred To:	OFF SITE INVESTIGATION/REMEDIATION PENDING
Reported to Dept:	10/4/1993
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	5
Date Entered In Computer:	10/4/1993
Spill Record Last Update:	1/7/2013
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller City,St,Zip:	***UPDATE***, ZZ
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"10/10/95: This is additional information about material spilled from the translation of the old spill file: GASOLINE - WATER. Refer also to 98-03781 (783 Tenth Ave).TRANSFERED FROM TIBBE TO ZHITOMIRSKY ON 4/14/2003.PROJECT NOW BEING HANDLED UNDER NYC DDC CONSENT ORDER.04/27/04: This site is related to a former Mobil station and it is transferred to NYCDDC. - Alexander Zhitomirsky. This spill is related to adjacent AT&T building spill at lot # 811 on 10th Ave. according to AZ. -II (02/18/05)06/10/2005 Koon Tang received a letter dated June 8, 2005, from DDC stating that DDC/LiRo performed site investigation and proposed a remedial plan to NYSDEC in November 2001. The proposal was to perfrom ORC and monthly Vac-Truck recovery. The plan was approved by NYSDEC in 2002. DDC performed monthly Vac Truck product recovery through Noember of 2003. The site is currently under the jurisdiction of HPD, who is working closely witht heir developer (The Dermot Company/Archstone Smith Operation Trust) to continue the future excavation/construction/environmental cleanup of the site. NYCDDC is not continuing with the environmental cleanup of this site. The letter does not contain HPD contact information. I have discussed this site with Koon Tang and called Fatemah Ashkan (NYCDDC) and left a message for her requesting information regarding new contact's phone number, address and their plans for the site further remediation. AZ06/24/2005 I left a message for Carol Steinberg (HPD) 212-863-8362 regarding further site remediation. AZ6/27/2005 Conversation with Carol Steinberg (Attorney for HPD). HPD is selling the site. The new owner will remediate the site not HPD. Ms. Steinberg will get back to me with the additional info regarding the developer. AZ7/14/2005 Carol Steiberg (HPD) conveyed info regarding the new owner: Dermot Clinton LLC c/o 320 West 57th Street, NY, NY 10019. She will get back to me with a phone number and name.AZ11/14/2005 Conversation with Carol Steinberg (HPD). She promised to get back to me with a phone number for the new RP. AZ11/14/2005 Carol Steinberg left a phone number for Dermot Clinton - 212-262-1220. AZ11/14/2005 Conversation with Drew Spitler (Dermot Clinton Green -r/e firm)212-262-1220 new owner of the site. His

MOBIL SERVICE STATION HPD (Continued) **S102146098**

attorney is Linda Shaw (585)-546-8430). He asked me to call his attorney. I called L. Shaw. Conversation with Ms. Shaw. The site entered BCP program. Dale Desnoyers signed the agreement on 2/10/2005. DEC PM is John Durnin. Remdial Action Plan was submitted and approved. Remediation started around September 2005. Excavation has been completed. Post excavation samples were taken in the last few weeks. Consultants are Langan Engineering and Environmental Services. PM is Tarek Khouri 212-479-5450. AZ11/21/2005 Conversation with John Durnin (DEC Albany 518-402-9774). They have not excavated on the former Mobile Station yet. They will excavate the site to the bedrock within six months and take end point samples. They are going to build two 24-story residential towers on this site. Dermot Clinton is not responsible as per BCP agreement for the off site clean up. AZ4/4/2006 John Durnin (DEC Albany (518-402-9774). All the remedial work has been done on site. Contaminated soil was excavated to the bedrock. Approved backfill must be brought to the site. Remedial report will be submiteed in a month. As for off site investigation the case will be brought up to the enforcement division in Albany. AZ6/13/2006 Left a message for John Durnin - DEC Albany (518-402-9774). AZ6/16/2006 A memorandum is being drafted to the Division of Environmental Enforcement (DEE) requesting them to contact the Responsible Party (City of New York) regarding the documented off- site plume from this Former ExxonMobil Service Station. The BCP Program requires that NYSDEC pursue the Responsible Party to address and remediate the off-site contamination. AZ9/14/2006 An e-mail was sent from John Durnin (DEC Albany) to Maureen Schuk. The e-mail contained summary/update for this site. According to the e-mail, all the soil on the entire site was excavated to bedrock and disposed off-site in 2006. John Durnin stated that the off-site plume was not remediated by Dermot Clinton Green since they are not responsible for off-site contamination in the BCP program. As per the BCP Program, the NYSDEC is required to contact the responsible party (NYCHPD) to remediate the off-site contamination or do it through the State Superfund Program. New York City Housing, Preservation and Development is still the responsible party for open Spill No. 9308101 which now consists only of off-site petroleum contamination. John Durnin, as the NYSDEC Project Manager for this BCP Project, will send a memorandum referring this BCP site to the NYSDEC Project Attorney. The Attorney then contacts NYCHPD to get them to complete the off-site clean-up. John Durnin is drafting the memorandum right now. AZ12/19/2006 John Durnin (DEC Albany). This BCP site is done. A certificate of completion has been issued. The Health Department has been notified. John Durnin is preparing a memo for DEE (Dept. of Environmental Enforcement - Debbra Christian) requesting enforcement actions against the City of New York (HPD). The City of New York is responsible for the offsite clean up. AZ1/10/2007 An Enforcement Action Memorandum by John Durnin was sent to Deb Christian (Superfund and Brownfield Restoration Section DEE) regarding site on 1-4-2007. The memorandum was forwarded to DER program Attorney, Rosalie Rusinko. Rosalie has inquired about the HPD contact. I forwarded to John Durnin HPD contact information. All nine off-site wells have been filled with concrete. AZ11/5/2007 The City accepted the responsibility for the off-site investigation. They hired URS to follow-up with the off-site investigation. They will be soon setting up a teleconference with John Durnin and URS. Harvey Roberts is in charge of this project. J. Durnin observed that sidewalk in front of the ATT building was completely excavated to the

MOBIL SERVICE STATION HPD (Continued) **S102146098**

bedrock and they were poring concrete in the excavation. They will send me a copy of the report when it is completed. AZ 12-11-2008 A STIP Agreement and CAP for the off-site investigation was signed on 12/11/2008 via John Durnin (Central Office). 3-1-2010 Contacted John Durnin. The investigation has been done and they submitted the Investigation Report in July 2009. The field investigation has been approved. Consultants submitted Remedial Action Plan in August 2009 and it was approved by DEC in September 2009. Consultants proposed to install ORC socks in several wells. Two wells out of seven had BTEX. In mid October they installed ORC socks. The socks will stay for 6 months. Quarterly reports will be produced. I asked John D. to forward e-copies to me. He will do it or upload them to e-docs. AZ1-31-2012 At the meeting with URS and DDC on Jan. 31, 2012, URS stated that latest groundwater data shows two wells with total VOC of 49 ppb and 165 ppb. URS recommended removing the ORC socks to determine if concentrations remain low enough to petition for closure of the spill number. AZ1-7-2013 At the meeting with DDC and URS on Jan. 3, 2013, URS stated that the ORC socks were removed on March 2, 2012, and all wells were sampled in early April 2012. Two wells contained parameters at concentrations above groundwater quality criteria (169 ppb and 361 ppb). New ORC socks were installed in the wells. The October 2012 sampling data indicates that two of the four wells contained parameters at concentrations above the groundwater quality criteria. AZ

Remarks: SEEPING THRU WALL IN BASEMENT AREA. BEIN COLLECTED IN SUMP. WOULD LIKE CALL BACK - ATTEMPTING TO GET CLEAN UP CONTRACTOR.

Material:

Site ID:	290009
Operable Unit ID:	986771
Operable Unit:	01
Material ID:	2096708
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	290009
Operable Unit ID:	986771
Operable Unit:	01
Material ID:	394342
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F51
SW
< 1/8
0.061 mi.
322 ft.

CONSOLIDATED EDISON
557 51TH ST.
NEW YORK, NY 10022

Site 1 of 9 in cluster F

NY MANIFEST **S109825941**
N/A

Relative:
Higher

Actual:
27 ft.

NY MANIFEST:

EPA ID:	NYP004172649
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PL RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-11
Trans1 Recv Date:	2009-06-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172649
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2300.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003534457JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CONSOLIDATED EDISON (Continued) **S109825941**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-11
Trans1 Recv Date:	2009-06-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172649
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2300.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003534457JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-11
Trans1 Recv Date:	2009-06-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172649
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2300.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003534457JJK

CONSOLIDATED EDISON (Continued) **S109825941**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

E52 **CONSOLIDATED EDISON** **NY MANIFEST** **S110045883**
East **W 53 ST & 10 AVE** **N/A**
< 1/8 **NEW YORK, NY 10008**
0.061 mi.
323 ft. **Site 4 of 23 in cluster E**

Relative:
Higher

Actual:
31 ft.

NY MANIFEST:

EPA ID:	NYP004197174
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-09-28
Trans1 Recv Date:	2009-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004197174
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	5000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001085803GBF
Import Ind:	N
Export Ind:	N

CONSOLIDATED EDISON (Continued) **S110045883**

Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

E53 **CON EDISON** **NY MANIFEST** **S112210901**
East **53RD ST & 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.061 mi.
323 ft. **Site 5 of 23 in cluster E**

Relative:
Higher

Actual:
31 ft.

NY MANIFEST:

EPA ID:	NYP004271037
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271037
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457237JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

CON EDISON (Continued) **S112210901**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271037
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457237JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

E54 **CON EDISON - MANHOLE 10190** **RCRA-LQG** **1014397397**
East **W 53 ST & 10 AVE** **NYP004197174**
< 1/8 **NEW YORK, NY 10008**
0.061 mi.
323 ft. **Site 6 of 23 in cluster E**

Relative:
Higher

Actual:
31 ft.

RCRA-LQG:

Date form received by agency:	03/23/2010
Facility name:	CON EDISON - MANHOLE 10190
Facility address:	W 53 ST & 10 AVE NEW YORK, NY 10008
EPA ID:	NYP004197174
Mailing address:	4 IRVING PLACE NEW YORK, NY 10003

CON EDISON - MANHOLE 10190 (Continued) **1014397397**

Contact:	FRANKLYN MURRAY
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	(212) 460-2808
Contact email:	MURRAYFR@CONED.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE
	NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	09/28/2009
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE
	NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	09/28/2009
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

CON EDISON - MANHOLE 10190 (Continued) **1014397397**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/28/2009
Facility name: CON EDISON - MANHOLE 10190
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

C55 **CONSOLIDATED EDISON** **NY MANIFEST** **1009242260**
SE **W 52 ST & 10 AVE** **N/A**
< 1/8 **NEW YORK, NY 10027**
0.062 mi.
326 ft. **Site 5 of 19 in cluster C**

Relative:
Higher

Actual:
29 ft.

NY MANIFEST:
EPA ID: NYP004110870
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE1303155
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 05/08/2003
Trans1 Recv Date: 05/08/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/09/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004110870
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: 96590JE
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00050
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2003

CONSOLIDATED EDISON (Continued) **1009242260**

Document ID:	NYE1303209
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	05/14/2003
Trans1 Recv Date:	05/14/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/16/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004110870
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	96590JE
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00050
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2003

C56 **ON STREET** **NY Spills** **S106971214**
SE **WEST 52ND 10TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.062 mi.
327 ft. **Site 6 of 19 in cluster C**

Relative:
Higher

Actual:
29 ft.

SPILLS:

Facility ID:	0505561
DER Facility ID:	297073
Facility Type:	ER
Site ID:	350596
DEC Region:	2
Spill Date:	8/5/2005
Spill Number/Closed Date:	0505561 / 8/5/2005
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	8/5/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/5/2005
Spill Record Last Update:	8/5/2005
Spiller Name:	Not reported
Spiller Company:	Not reported

ON STREET (Continued) **S106971214**

Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	DISPATCHER #857
Contact Phone:	(212) 628-2900
DEC Memo:	Sangesland spoke to Dispatcher #857 - He said the spill was about 10 gallons from a valve on an oil delivery truck. Fire Dept on site. No oil got into a storm drain. Valve was fixed, oil was cleaned up.Closed Not reported
Remarks:	LEAKED ON ROAD, STILL INVESTIGATING AND FIRE DEPT. ARRIVING ON SCENE

Material:

Site ID:	350596
Operable Unit ID:	1108154
Operable Unit:	01
Material ID:	2098086
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

E57 **788 10TH AVE.** **NY LTANKS** **S102671947**
ESE **788 10TH AVE.** **N/A**
< 1/8 **MANHATTAN, NY**
0.062 mi.
327 ft. **Site 7 of 23 in cluster E**

Relative:
Higher

Actual:
30 ft.

LTANKS:

Site ID:	66331
Spill Number/Closed Date:	9207447 / 9/30/1992
Spill Date:	9/28/1992
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	9/30/1992
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	9/28/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/29/1992
Spill Record Last Update:	9/9/1993

788 10TH AVE. (Continued) **S102671947**

Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	63529
DEC Memo:	Not reported
Remarks:	GAS LEAKED OUT OF STICK-LINE ONTO PAVED AREA AND INTO STREET-NYCFD FLUSHED TO STORM DRAIN,LT. CUNNIGHAM -STATION OPERATOR TOLD ISL TRANSPDRIVER TANK WOULD HOLD AMT REQUESTED OVERFILL OCCURRED

Material:

Site ID:	66331
Operable Unit ID:	971088
Operable Unit:	01
Material ID:	408089
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

E58 **CBS BROADCASTING** **NY LTANKS S104278942**
ESE **857 10TH AV** **NY Spills N/A**
< 1/8 **MANHATTAN, NY**
0.062 mi.
327 ft. **Site 8 of 23 in cluster E**

Relative:
Higher

Actual:
30 ft.

LTANKS:

Site ID:	172155
Spill Number/Closed Date:	9910605 / 1/4/2000
Spill Date:	12/6/1999
Spill Cause:	Tank Overfill
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	12/6/1999
CID:	382
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported

CBS BROADCASTING (Continued) **S104278942**

Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/6/1999
Spill Record Last Update: 1/4/2000
Spiller Name: DON
Spiller Company: CBS INC
Spiller Address: 857 TENTH AVE
Spiller City,St,Zip: MANHATTAN, NY
Spiller County: 001
Spiller Contact: CBS INC
Spiller Phone: (212) 975-2811
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 134112
DEC Memo: Not reported
Remarks: ALARM ON TANK WAS BROKEN AND THE SPILL ENTERED A VAULT. CLEAN UP BEING DONE BY MILLER EVIROMENTAL

Material:
Site ID: 172155
Operable Unit ID: 1085352
Operable Unit: 01
Material ID: 296082
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:
Facility ID: 0403162
DER Facility ID: 134112
Facility Type: ER
Site ID: 158716
DEC Region: 2
Spill Date: 6/19/2004
Spill Number/Closed Date: 0403162 / Not Reported
Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: JAKOLLEE
Referred To: AWAIT PLAN FOR SOIL WASHING & BIOREM
Reported to Dept: 6/22/2004
CID: 404
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party

CBS BROADCASTING (Continued) **S104278942**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	5
Date Entered In Computer:	6/22/2004
Spill Record Last Update:	6/22/2012
Spiller Name:	ROGER ROMANCE
Spiller Company:	METRO GROUP
Spiller Address:	500 KINGSLAND AV
Spiller City,St,Zip:	BROOKLYN, NY 11222
Spiller Company:	001
Contact Name:	SAM OFSHINSKY
Contact Phone:	(212) 975-8143
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"6/22/04. J.Krimgold at site. According to delivery slip actual amount spilled ~6000 gal. Oil delivery Co. Metro Fuel Group delivered oil to wrong (1000 gal) tank instead of to 15,000-gal tank system. Oil released through top of tank, spilled in basement on concrete floor. Some oil went to drains in floor. Action Envt'l (contact Tod @973-896-6185) performing clean up.Ambient Group (Mike Borello cell # 917-376-4179) was hired by CBS as envt'l consuling firm.6/29/04. J.Krimgold met at site with Paul Puccio (CBS), Mike Borello (Ambient), and Tod (Active Env.). Inspected buildings' basements adjacent to 857 10th Ave and also owned by CBS. Found oil seepages into buildings ~50 and 100 ft respectively from place where release occurred. Oil and water accumulation in pits installed by contractor in basements floor. 12/22/05: This spill transferred from J. Krimgold to S. Kraszewski. Reviewed Remedial Action Monitoring Plan prepared by Ambient Group, Inc. dated 6/23/05. Report is conglomeration of remedial work performed at site from day spill occurred to above-mentioned date. Based on data, conclusions and recommendations are proposed for AOCs (Areas of Concern.) AOC #1: Basement of CBS building where spill occured. 3 feet of contaminated soil were removed immediately after spill for majority of basement floor; approx 200 tons soil removed. 22 soil borings were advanced in basement to delineate and monitor plume. Free product and GW measurements were taken to determine thickness of product and GW levels. Also, 3 monitoring wells were installed around building exterior to monitor possible free product migration. Borings in basement were converted to total Fluid Recovery wells and would eventually work in tandem with an enhanced fluid recovery system. Initial recovery system involved extracing GW + product from borings to an oil/water separator. Soon after this system was functional, an SVE system was installed to remediate soil. Both systems have been operational since late 2004. Data in report is given as Total Recovery Trend for both systems combined. Data start from Sept 2004 and end in Feb 2005. Overall trend is a decline in product recovery from contaminated wells. Only a handful of 22 wells are still recovering product or vapors, and even fewer recover significant amounts. Proposed action is quarterly monitoring.AOC #2: Adjacent building sub-basement had free product/water seeping through wall at approx 600 gallons/day. Series of wall drains connected to GW pump collect GW for treatment. Borings and MWs not possible in this location. Summary of system will be provided in separate rpt. AOC #3: Free product migration into sub-basement of nearby building (not

CBS BROADCASTING (Continued) **S104278942**

adjacent to original spill area.) Free product is migrating through preferential pathways between buildings. Walls are rubble-masonry foundations with a history of GW infiltration. 5 MWs have been installed and quarterly monitoring is recommended.Need: report for Recovery System at AOC #2, monitoring updates for AOCs #1 and #3 - SK12/22/05: Called Michael Borello at Ambient Group. He no longer works for them. I was transfered to Gloria, she would find out info about site and have someone contact me. - SK12/22/05: John Mascioli from Ambient Group called regarding spill. I requested any recent documents and monitoring reports he had. Also, Remedial Action Monitoring Plan from June 2005 is missing two figures dealing with MWs at AOC #3. He said they've been monitoring monthly since May for AOCs #1, #2 and #3. They are renewing permit for AOC #2 oil/water separator next week and he will send me document along with missing figures and recent monitoring report. John mentioned that monitoring data for AOC #1 is inconclusive for many wells. - SK01/09/06: Called John Mascioli at Ambient Group, asking about site update report supposedly due last week. John said he is waiting for lab to send him some final results before he can send out report. He expects it to be complete this week. - SK01/30/06: Joseph Holtzberg from Ambient called (917-861-7238) to inform me about site. He wanted to know what information I need to simplify scenario. I said I was still waiting for recovery system update and monitoring data I talked to Jon Mascioli about. They're almost finished with report and will send it very soon, he said. Also, he would like to have a meeting after I have reviewed report to hammer out a time frame for site activity. I told Joseph I would contact him after I had looked over report. - SK02/02/06: Received documents from Ambient Group. Reviewed Volatile BTEX Air Sampling Results for two SVE systems at 857 10th Ave. Influent and effluent samples since Sept are clean. It appears SVE systems have performed well for extracting petroleum. However, regarding liquid extraction for these wells, no data exists from Feb. 2005 to present. Must have MW and liquid phase extraction data for this system. Received document with latest oil/water separator effluent results for 513 West 56th St., adjacent to CBS basement. Three separate effluent removals show consistent amounts of oil and water, roughly 1/3 of liquid is oil, rest is water and silt. Attached is request for one-year extension of discharge permit. Permit is issued by DEP; DEC does not regulate discharge into sewer. Since amount of oil recovered is constant this seems like plausible request. Continue operation of system until discharge slows or oil is no longer present in effluent. Currently, no seepage is occuring for 518 West 56th St., 3rd area of concern determined in June 2005 Site Investigation Rpt. After in-wall drain tap collector at 513 was installed, seepage through 518 basically ceased. It seems that collector is taking care of both sites. I spoke with Joseph after reviewing documents. I asked for MW measurements and records for liquid phase extraction data. He said information will be sent out as soon as he can arrange it. - SK02/22/06: Reviewed Jan. 2006 Quarterly GW Monitoring Rpt submitted by Ambient Group. Static water level measurements were performed for 5 MWs, both on- and off-site. Also, static level measurements were taken in 24 soil vapor extraction wells. Results are as follows:1) Only MW-5 in CBS courtyard exhibited free product, 0.25" in depth. GW samples taken from each well revealed dissolved contamination exceeding GW standards for VOCs and SVOCs including BTEX and MTBE for MW-5 only. 2)Five of 24 recovery wells in CBS basement exhibited free product from 1 to 8 inches

CBS BROADCASTING (Continued) **S104278942**

thick. 3)Approx. 2 feet of silt is present in each recovery well, reducing efficiency significantly. Ambient recommends:a)Continued quarterly monitoring of 5 MWs.b)Removal of silt accumulations in recovery wells, purging of wells and then additional static water level measurements.c)Increase frequency of free product removal from recovery wells.d)Continued operation of wall drain tap and oil/water separator in adjacent building.e)Evaluate capacity loss from 24 vapor extraction wells.f)Perform a survey of GW flow to determine its direction.Site plan does not show locations of 5 MWs, only a CBS basement diagram is provided showing extraction wells. Also, report uses terms "extraction well" and "recovery well" synonymously. Ambient must clarify these issues. - SK02/23/06: S. Kraszewski spoke with John Mascioli from Ambient Group. CBS contact info: Alan Krupski CBS Braodcast Center 527 West 57th Street New York, NY 10019We clarified information regarding fluid extraction system and SVE system. Apparently, it's a dual-phase recovery system where a drop tube inside PVC recovers total fluids which are then pumped into an oil/water separator for collection and removal. Each of 22 SVE recovery wells contains a drop tube for fluid recovery. Also, in latest rpt it was observed that MW-5 contained product where it previously had none. Since updated site plan was not available with MW locations, it was possible that contamination was spreading. However, MW-5 is located next to adjacent basement where a wall drain tap is installed and already collecting fuel oil. Since contamination is known to be there, no cause for alarm is necessary. - SK 02/27/06: Two letters sent out, one addressing SVE systems and requesting addt'l air sampling & analysis of all petroleum-related VOCs, not just BTEX. This rpt is due by March 30. Other letter approves Ambient's recommendations for continued operation of fluid extraction system. They also will perform required maintenance on extraction wells and keep wall drain taps with oil/water separator in service. GW flow direction will be recalculated. Comprehensive site plan that includes all wells with 2 basement systems was requested in next quarterly rpt. - SK04/05/06: Spoke with Joe Holtzberg and John Mascioli. Within a week or two, more well readings and air sampling from two systems. By mid-April sampling and gauging work will be underway. Also, Joe and John stressed their client's concerns about how long this work could last because this persistent contamination may be migrating from off-site. I said it will be easier to make a determination after these results arrive at my desk, and the faster I receive them the faster they will have an answer. - SK 06/22/06: Received email from Sean Wallace at Ambient Group, new project manager for site. Email included influent and effluent air sample results from SVE system. Results are clean for both influent and effluent. I called Sean and asked if I could receive entire report, not just pieces. He will mail me a copy of report and fax me rest of results, i.e. GW analyticals, gauging and product thicknesses. GW results show some elevated SVOCs and VOCs in MW-5 as well as 0.4 feet of product. Several other wells exhibit 0.1 to 0.2 feet of free product. MW-5 is located next to adjacent building where a passive recovery system consisting of wall taps to drain oil is already installed. - SK06/26/06: Received & reviewed April 2006 Quarterly GW Monitoring Rpt from Ambient Group. Influent and effluent air sampling results from both SVE systems found no VOCs above detection limits. Since no VOCs were detected from extraction wells, system may have removed all it is capable of removing. 5 recovery wells exhibited 0.1 to 0.2 feet of remaining free product. MW-5 had 0.4 feet of free

CBS BROADCASTING (Continued) **S104278942**

product, but is next to wall drain tap, which is currently recovering product. Also, MW-5 detected MTBE, not found in diesel, slightly above TOGS standards. Samples from MWs 1 to 4 had no VOCs or SVOCs detected. MWs 1 to 3 are located outside along building perimeter. Ambient recommends continued monitoring and sampling of all wells and SVE emissions, free product removal and pulsing of multiphase system. - SK06/30/06: Spoke with Sean Wallace regarding report. I asked that they always include a site plan displaying entire site, with neighboring streets and other adjacent buildings, plus all MWs, borings and recovery systems. I asked about drain tap system in adjacent basement, and Sean said it is recovering less and less. I asked for manifests of recovered fluids and he said he would get them to me quickly. Also, I told Sean that since SVE system is not recovering any volatiles next course of action would be to shut it down rather than running it and monitoring. I discussed conversation and report with J. Kolleeny. He recommended asking Sean to shut down parts of system that are no longer recovering free product. I sent Sean an Email approval for recommendations in report. - SK08/07/06: SK met on-site with Sean Wallace from Ambient group (212-944-4615) and with Alan Krupski from CBS. Having never been on-site before, I wanted to inspect SVE systems and wall drain-tap system. Effluent from both SVE systems reveals no VOC consituents in air. Ambient is proposing to shut down only one system, SVE2. Ambient will pulse system to see if conditions change at equilibrium. This system runs vertically in each well located in basement. SVE1 will remain on for now in case any odors may appear. Several wells exhibit free product of an inch or less, so they will continue to recover from them. Wall drain tap is still recovering an oil/water mixture because it seems that bedrock forms a depression along basement wall where oil has settled. Only about 10% of mixture is actually oil. I requested that Ambient submit a recommendation for futher action regarding operation of systems, especially SVE2. Report is due by end of August. - SK08/31/06: Received July 2006 Quarterly GW Monitoring Report from Ambient Group. Influent and effluent samples from SVE2 show no VOCs or SVOCs detected. GW samples from perimeter MWs reveal no SVOCs or VOCs above TOGS levels. Several recovery wells still exhibit several inches of free product. Ambient recommends continued removal of free product, use of wall drain tap system and O&M of horizontal system SVE1. SVE2 will undergo a pulse test in conjunction with monitoring of all wells to see if system may have an impact on GW; monitoring and sampling of MWs may continue based on results of pulse test. SK sent out approval letter for all recommendations. - SK12/01/2006 - Sean Wallace (Ambient Group) called, asked that project be reassigned due to SK's departure from DEC. They believe remedy is done and are looking to turn system off. I (Vadim Brevdo) suggested they prepare & submit final remediation rpt, which should be consistent with DER-10, and we will review and decide whether remedy is completed or must go on. I committed to discussing this with my staff and having project re-assgined to other P.M.12/05/06: This spill case transferred from S. Kraszewski to J. Kolleeny. Spoke with Sean Wallace of Ambient Group. He said pulsing of SVE system has not increased recovery; also, several wells still have a little free product (0.01-0.02 ft.) that does not seem to be going away, they may consider other options including bioremediation. They are not asking for spill closure yet, but will submit rpt presenting current site status and asking for permanent shutdown of SVE system. - J. Kolleeny12/14/06: Received email from Sean Wallace (Ambient Grp.) with attached rpt summarizing

CBS BROADCASTING (Continued) **S104278942**

pulse test of SVE2 system (in eDocs, rpt has no title page, no Fig. 1). Email stated: "Here is latest rpt for project, concerning pulse test of SVE 2 system, which we call horizontal system. 22 basement wells are hooked up to SVE system. At start of project, most wells had some free product (8/2004). By 8/2006 only 3 wells (deepest wells) had any product, and after we pumped those out, levels never came back above 0.02 ft. This is when we did shutdown monitoring. Sep-Oct 2006. I'm still collating all previous quarterly rpts along with intial rpts on remediation. Jan 2007 is next scheduled Quarterly; we'd like to make it last one. We will be collecting GW samples, air samples from SVE1 (vapor control system - vertical piping system under new concrete floor) and water & free product levels to demonstrate current conditions are not health concern. We are suggesting that at this point, to attack remaining fuel, bioremediation will be most effective, if further action is called for." - J. Kolleeny12/28/07: Received email from Sean Wallace of Ambient Grp. stating: "We are planning shutdown test of vapor control system at 857 10th Ave (CBS Spill # 04-03162). Purpose is to determine if there will be detectable odor or measuarable VOCs in basement area or upper floors if this system is not operating. Plan is to monitor over a weekend. Thus, system would be off for 2-3 days. Would DEC require test to cover longer period of time? This is our main question at this point. As discussed previously, there is no more free product in observation wells. System in place now is installed under new concrete floor poured after excavation of top few feet of contaminated soil. There is gravel bed laying over plastic membrane. Horizontal piping leads to carbon bed filter. Inlet and outlet sampling of this system has come back non-detect since April 2006." I sent email reply: "It would be preferable to wait 5 to 7 days to see if odor problems or detectable levels of VOCs develop in building. Please let me know if this is acceptable. Also, is there any residual dissolved-phase GW contamination at site, since free product seems to have been taken care of? (Is GW sampling being performed on regular basis?)" Sean sent reply: "We will take your suggestion to CBS. They definitely want to do things in most acceptable manner, so we will plan for week-long monitoring event. Last GW sample was taken during July '06 Quarterly Monitoring. Method 8270 showed Acenaphthene and Fluorene at 2.5 ug/L and phenanthrene at 0.96 ug/L (D.L. 5.2 ug/L) in only one of monitoring wells in interior courtyard. Method 8260 showed MTBE at 5 ug/L (not additive in fuel #2) and n-butylbenzene and tert-butylbenzene around 2.5 ug/L (D.L. 1.0 ug/L). Perimeter wells were non-detect. We will take samples again for January event." - J. Kolleeny03/20/07: Reviewed January 2007 Quarterly Monitoring Report (in eDocs). Report shows no contam in monitoring wells MW-1 through MW-5 (perimeter & courtyard wells), but low levels of dissolved VOCs (highest are MTBE at 139 ppb and naphthalene at 51 ppb) in several basement wells located near 3 basement wells that still have small amounts of product (from 0.02 ft. to 0.1 ft.); also VOCs in oil/water separator influent, including 169 ppb naphthalene, 122 ppb 1,2,4-trimethylbenzene, and 47 ppb total xylenes, but effluent to sewer is within limits. Influent and effluent air samples for vapor control system SVE1 all ND. Report recommends pulsing SVE1 system to determine if vapor control is still necessary, reducing GW monitoring frequency from quarterly to semi-annual, and continuing to operate perimeter wall drain tap and oil/water separator system until inlet concentrations of target compounds allow direct discharge to sewer. I sent email approving

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these recommendations to Sean Wallace of Ambient Group on 3/20/07, with cc to Allan Krupski of CBS (212-975-2689, awkrupski@cbs.com), asking that basement wells be monitored in addition to perimeter/courtyard wells. Also asked that SVE1 pulse test include indoor air sampling for specific hydrocarbon compounds, that system influent sample be collected when system is re-started, and that scope of work for indoor air sampling be submitted to DEC when available. Changed spill status from P3 to P2. - J. Kolleeny04/24/07: Received email from Sean Wallace of Ambient Group on 4/19/07, with attached proposed protocol for shutdown test of SVE-1 system with concurrent indoor air monitoring for VOCs (in eDocs), to be performed week of 4/23-27/07. Sent Sean an email asking if this document was for me to review/approve before they do the test; he sent reply stating it was sent to me for information purposes only and that it addressed all concerns I expressed in our phone conversation several weeks ago. - J. Kolleeny07/09/07: Received June 2007 SVE1 Shutdown Test Results rpt by Ambient Group on 6/14/07 (in eDocs). Rpt presents results of indoor air monitoring for total VOCs during 10 days system was shut down, and results of vapor influent grab sample from when system was re-started. According to Ambient, TVOCs detected in indoor air were not above naturally varying background levels. Rpt lacks conclusions & recommendations sections. Spoke with Sean Wallace of Ambient on 7/9/07 and pointed out lack of Conclusions and Recs, and asked for clearer presentation of indoor air results. He said he would revise rpt and re-send. He also said no odors were detected in work spaces of bldg while system was shut down. - J. Kolleeny09/07/07: Received email from Sean Wallace of Ambient on 9/4/07, with attached SVE1 Shutdown Test Results report revised as of 9/4/07 (in eDocs): "Revised report on shutdown test of SVE system. Revisions include 2nd graph of real-time TVOC response with outside air monitoring point included. Site map with sampling locations noted (in pdf with comments). Conclusions section added to body of report. On side note, NYCDEP sewage discharge parameters do not include any SVOCs. As part of recent bi-annual monitoring required for this project, we took grab sample of GW coming into Oil Water Separator unit. This is untreated GW that after separation is discharged to sanitary sewer. There were no VOCs above detection limits. I am assuming that even if all parameters on list were passing quality, presence of SVOCs would still prohibit direct discharge to sewer? We will have monitoring report to you shortly." I spoke with Sean and said I don't think there are DEP discharge limits for specific SVOCs, but he should check with DEP. On 9/7/07, I completed review of revised report, which concluded that residual soil contamination poses no threat to human health via vapor migration into occupied spaces and recommended discontinuing operation of SVE1 system. I issued letter (in eDocs) to Alan Krupski of CBS (cc to Sean Wallace) approving this recommendation, and noting that sampling & gauging of monitoring wells for dissolved-phase contam and product, and operation of perimeter wall tap drains and oil/water separator should continue. - J. Kolleeny06/06/08: Reviewed Aug.'07 and Feb.'08 Semi-Annual Monitoring Rpts by Ambient Grp. (in eDocs). Aug.'07 rpt presents results of GW sampling done 8/16/07, showing low to moderate levels of VOCs in some wells (including MTBE up to 195 ug/L), and moderate levels of some SVOCs in influent to oil-water separator. Well gauging shows measurable product in only 1 well, B5, at 0.01 to 0.02 ft. Report recommends continuing operation of perimeter wall drain tap & oil-water separator system in basement of 513 W. 56th St.

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bldg until influent concentrations of target compounds allow direct discharge to sewer, and continuing semi-annual product level gauging and GW sampling of basement and perimeter wells. Feb. '08 rpt presents GW sample results for 2/8/08, showing some increases in dissolved contam levels in number of wells; product detected in 2 wells - B5 at 0.02 ft. and B9 at 0.1 ft. Sample of influent to oil-water separator showed almost no contaminants detected, with 11.35 ug/L total VOCs, and 4.84 mg/L TPH. Report recommends continuing semi-annual product gauging and GW sampling, and notes that continued operation of perimeter wall drain tap & oil-water separator system may not be necessary and may be able to be shutdown or replaced with an alternative device more appropriate for existing conditions. On April 28, 2008, Sean Wallace of Ambient Grp sent me an email asking for response to Feb. '08 report; I replied that report didn't actually make a proposal requiring approval/disapproval. Therefore, Ambient prepared and submitted report called: "Request for Cessation of Groundwater Treatment Portion of Remediation Activity at...[site address]," dated 5/7/08 (in eDocs). I reviewed report, noted that although influent to oil-water sep had no significant VOCs for last two samples, in Feb. and March '08, SVOCs were not analyzed in Mar.'08 sample and had only one event with no detections (in Feb.'08; SVOCs were also not analyzed in Nov. '07 sample, and Aug. '07 sample had SVOC exceedances). I sent email to Sean Wallace: "I've been reviewing Request for Cessation of GW Treatment...etc., dated 5/7/08 and I noticed in table presenting results of samples of untreated GW entering oil-water separator, that samples were not analyzed for SVOCs during Nov. '07 and Mar. '08 sampling events. Sample collected in Feb. '08 was analyzed for SVOCs, results were below detection limits. I request that another sample of system influent be collected & analyzed for VOCs and SVOCs, to provide another data point and confirm absence of contamination in GW collected by perimeter wall drain tap system, before issuing approval to discontinue operation of that system. Please let me know if this request can be accomodated." Sean sent reply saying they will collect sample next week. - J. Kolleeny06/30/08: Received pdf of Request for Cessation of Groundwater Treatment Portion of Remediation Activity report, revised June 25, 2008, from Sean Wallace of Ambient Group (212-944-4615) via email on 6/25/08 (in eDocs), got hard copy on 6/27/08. Report is same as May '08 report except now has data for influent sample to oil-water separator for 6/4/08 showing all VOCs and SVOCs below detection limits, with mentions of new data in text. I sent letter (in eDocs) approving request to discontinue operation of perimeter wall drain tap and oil-water separator system by email and regular mail to Thomas Guzzi (tjguzzi@cbs.com) of CBS (replaced Alan Krupski), with email cc to Sean Wallace. - J. Kolleeny11/10/08: Received hard copy of Sept. 2008 Semi-Annual Mon Rpt by Ambient Group, dated Oct. 23, 2008 (in eDocs). Rpt notes that Sept. '08 sampling event show some increases in dissolved-phase contam in basement wells, and states that compounds detected and their ratios are more indicative of gasoline than diesel/heating oil; however, I note that highest compound in each sample was naphthalene. Four basement wells had measurable free product, up to 0.18 ft. Rpt recommends continuing with semi-annual product gauging and GW sampling. - J. Kolleeny10/28/09: Completed review of April 2009 Semi-Annual Mon Rpt by Ambient Group, dated June 24, 2009, hard copy received on July 13, 2009 (in eDocs). Rpt recommends cutting back semi-annual GW and product monitoring schedule to annual, but I

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noticed that 0.6 ft. of product was detected an outdoor well (C2, aka MW5). I called Sean Wallace of Ambient on 10/27/09, said I'd like GW monitoring to continue semi-annually, and that I wanted free product removed by vac truck and wells gauged more often for product. Also asked that future rpts have historic GW and product thickness data (instead of only for most recent event as this rpt had). Sean agreed, and also sent table with historic and most recent product data (in eDocs). On 10/28/09 I sent email (in eDocs) to Thomas Guzzi of CBS, cc's to Bill Grieco of CBS and Sean Wallace of Ambient: "I have completed review of April '09 Semi-Annual Mon Rpt by Ambient Group dated June 24,'09, received by DEC on July 13, '09. Rpt recommends change in frequency of GW sampling at site from semi-annual (i.e., twice yearly) schedule to annual schedule. This recommendation cannot be approved at this time. Data in rpt indicate that one of outdoor monitoring wells, C2 (aka MW5), had 0.6 feet of free product when last gauged in April '09. Removal of free product at spill sites is considered high priority by DEC. We require that product be removed from this well, preferably by vac extraction to exert influence on area around well and encourage addt'l product to come into well, and that rate of product recharge into well after recovery event be monitored to determine appropriate schedule for ongoing gauging of well for product and for future product recovery events. Meanwhile, sampling of GW from indoor and outdoor wells for presence of dissolved-phase GW contam should continue on semi-annual basis; since last sampling event was on May 1, '09, next semi-annual sampling event should be performed first week of Nov. '09. Results of product recovery event and product recharge monitoring, as well as upcoming GW sampling round, should be presented in next semi-annual monitoring rpt, with appropriate recommendations for further action. Rpt should include tabulated historical GW and product thickness data, in addition to recently collected data. Please feel free to contact me if you have any questions." - J. Kolleeny11/09/09: Received email from Sean Wallace of Ambient: "To keep you up to date. We've scheduled remediation contractor for this week and should be able to have rpt ready prior to holiday. I also went to site (11/6/09) to check on conditions of well that had free product, C2, which was purged during April 2009 event. There was no free product detected, but there was noticeable odor in this well and one adjacent to it, B23. These two are deepest wells and are right next to foundation wall of building to west. But I just wanted to let you know that there is no free product accumulation in well since last measured April 30, 2009. Inside well B17 that had 0.05 ft reading on free product before being pumped in April also has no free product at this date. Our full rpt, as I say, should be available before holiday." - JK12/08/09: Reviewed Nov. 2009 Semi-Ann Mon Rpt by Ambient Grp, dated 12/2/09 (in eDocs). Rpt presents results of Nov. '09 GW sampling & well gauging. Two basement wells had relatively small amts of free product (B9 had 0.03 ft; B10 had 0.12 ft). Perimeter wells had no product or VOC exceedances. Courtyard & basement wells had moderate levels of total VOCs, mostly consistent with previous results; worst basement wells were B8 with 208 ug/L total VOCs, B10 with 202 ug/L TVOCs, and B21 with 201 ug/L TVOCs; worst courtyard well was C2 with 874 ug/L TVOCs (well had free product in April '09); other courtyard wells had much lower TVOCs, in 30-40 ug/L range. Ambient Grp recommended continuing semi-annual monitoring of all wells, with product recovery when detected; short-term (3-month) study of weekly vac truck pumping or other means of applying vacuum to basement wells

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to see if product recovery can be enhanced in this way; and development of enhanced bioremediation stragegy, possibly with targeted use of existing SVE (dual-phase?) system for hydraulic control. If this last strategy is adopted, short-term vac truck study will not be done. This will be discussed at upcoming meeting. - JK12/11/09: Attended meeting at CBS, with Sean Wallace of Ambient Grp, Chris Tomasello of Reliant Consulting Svcs., Inc., Thomas Guzzi and William Grieco of CBS. Chris Tomasello presented plan for addressing remaining contam, involving application of combo of bioremedial solutions and surfactant. I mentioned that bio may not be effective if there is remaining free product in subsurface; Chris said they would try to recover as much product as possible by vac truck before beginning. I asked how they would establish hydraulic control (necessary when surfactant is applied to ensure contam doesn't migrate); Chris suggested us of vac truck on down-gradient wells. I said I would have to check with other DEC to see if that's acceptable. Chris mentioned that he has used this approach successfully at other sites. I asked if they had info on screened interval of existing wells, and said it would be good in general if they had clear 3-D picture of subsurface beneath bldg, including shape of bedrock and thickness of aquifer, before implementing plan; Chris agreed that they needed to do some addt'l site characterization work. Sean said they already had some info re: depth to bedrock and aquifer thickness, and would sent it ASAP. Received email with subsurface profiles and aquifer info from Sean later in day (in eDocs). Meeting concluded that they would examine wells and put together plan for addt'l site characterization and submit. - J. Kolleeny04/07/10: Sent email inquiry to Sean Wallace of Ambient Grp: "Can you give me update on site? When we met in Dec. '09, we agreed that Chris Tomasello would put together a work plan for addt'l investig to delineate soil contam and determine subsurface bedrock configuration, so that he can design remedial plan. Any progress on that? Also, I was wondering if recent heavy rains have caused any unusual appearance (or disappearance) of free product from wells? Have wells been gauged for product recently? (How often are they checked?) If wells haven't been gauged for product since big rains of March, I'd like to request that they be checked." I got email reply from Sean: "Last week Chris and I went out with borescope and confirmed well construction type. Basement wells are slotted down to bottom. So both above and below water line. Two of courtyard wells are not slotted at all. These were historically part of first 5 monitoring wells established. All other wells that are labeled B are of slotted construction type. Chris is putting together statement of our findings. We took readings today also and found very little change since last monitoring event. Only one well had measureable free product at 0.05" and it was well that has almost always had small amount. Two of wells that are usually dry did have some water, but in general, and I'll have to put chart together, I didn't notice that water level was significantly different. Today we had vacuum truck suck out all wells and tomorrow we'll gauge recharge and then take water samples. After this we'll be in position to write rpt with recommendations either for further vacuum truck events or possibly a soil washing/bioremediation event." He then sent follow-up email: "I just compared water levels and there is an extra 0.5' to 1' of water in most wells. More soon!" - JK06/07/10: On 5/19/10, received email from Sean Wallace of Ambient Grp with pdf of April 2010 Semi-Annual Monitoring Rpt (in eDocs). On 6/4/10, received hard copy of rpt, plus

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pdf of lab data (in eDocs). On 6/7/10, sent email to Sean noting that rpt did not include product thickness data. Got email response from Sean with attached recent and historic product thickness data (in eDocs); email stated: "Here are water levels from May 26th visit on Page 1. Two wells with measureable free product in usual spot (B9 & B10) and B8 is showing some slight product, which it hasn't for awhile. But in Aug 2006 B8 had 1.7 ft (see Page 3 for historical summary of oil layer thickness detected in each well). Page 2 is a map of basement to show locations and also to correlate with graph on Page 4 where I attempt to represent graphically relation of water level to bedrock depth, as measured in each well. Note that lines of well are marked on diagram as A, B, C, D, and E. These are East West gradient. I took liberty of trying to show North-South gradient for Courtyard section and a slice through middle of basement that covers area where free product persists." Will review rpt. - JK07/09/10: Finished review of April 2010 Semi-Ann Rpt by Ambient (in eDocs). Sent email (in eDocs) to Thomas Guzzi of CBS, cc's to William Grieco of CBS and Sean Wallace of Ambient, approving rpt recommendations: "I have reviewed April 2010 Semi-Annual Monitoring Rpt for this spill site, by Ambient Group, Inc. Report recommends: 1. Continuing bi-annual (i.e., twice yearly) monitoring of all wells, with vacuum truck removal of any measurable free product;2. Performing short-term (3-month) study of free product development using vacuum truck pumping of basement and courtyard wells to influence areas around the wells and evaluate if free product recovery rates can be enhanced in this way.3. Presenting to CBS an enhanced remediation strategy to help move spill case toward closure, involving use of bioremediation in conjuction with soil washing to move residual oil from unsaturated zone soil to water table where it can be recovered by pumping. These recommendations are approved. Ambient Group should proceed to implement recommendations. Feel free to contact me if you have any questions." - J. Kolleeny12/20/10: Received email from Sean Wallace of Ambient Group, with attached pdf file: "Please find attached rpt [in eDocs] for 2nd monitoring event of 2010. Please let me know if you require anything else at this time. I am preparing rpt on effects of vacuum truck pumping (3 events, to be completed by end of year) under separate cover." - J. Kolleeny12/29/10: Reviewed Nov. 2010 Semi-Annual Mon Rpt by Ambient Group, dated 12/20/10 (in eDocs). Rpt summarizes Nov. 2010 GW sampling event, showing low to moderately low levels of dissolved VOCs in basement wells, very low VOCs in courtyard wells. Basement well B5 had "small but visible layer of oil in sample bailer." Rpt states that Ambient will continue bi-annual monitoring of wells, with removal of free product by vac truck when detected, and that Ambient will present an enhanced remediation strategy to help move spill toward closure; bioremediation will be discussed in conjunction with soil washing to mobilize potential residual product from vadose zone to water table where it can be recovered by pumping. - JK03/11/11: On 3/10/11, received email from Sean Wallace of Ambient Group with attached pdf file of Jan. 2011 Spill Monitoring Addt'l Rpt: Brief Rpt on Effects of Vacuum Truck Pumping for Enhancing Free Product Recovery (in eDocs). Email stated: "Please find attached our rpt on effects of vacuum truck pumping on enhancement of free product recovery at this site. Our next scheduled Monitoring event is in May. We plan on taking some water level measurements next month (April)." On 3/11/11, I sent email: Thanks for pdf file of rpt. I note that you are now recommending annual GW sampling and periodic product recovery as needed. What happened to

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idea of bioremediation plus soil washing to de-sorb residual oil from soil, as mentioned in Nov. 2010 Semi-Annual Rpt? Is that no longer being pursued as remedial approach? Please let me know about, and then I will respond to this rpt's recommendations." Sean Wallace sent reply: "Soil washing has been recommended, as you note. However, our client has many levels of decision makers and, as consultant, we are not made privy to mechanism they are using internally to consider further remediation. Our November recommendation was put forth as way to bring closure within a year and I will make that case to them again as we approach next scheduled monitoring event. In absence of remedial action, we feel it would still be acceptable to monitor dissolved concentrations on less frequent basis, as long as more frequent checks for free product were in place, as a precaution. If your dept recommends that we follow up on our Nov 2010 rpt suggestion of soil washing, based on lack of progress with vacuum truck method, then we would of course assist our client in moving forward with that remediation step. Main concern expressed is that there is no 100% guarantee of success and I believe this lack of certainty is cause for hesitation. One train of thought is if levels of dissolved hydrocarbons measured in wells remain consistent, client may wish to pursue a more passive approach. However, if DEC suggests more active remediation, that would carry weight." Rpt presents data on product thickness before & after vacuuming thru Dec. 2010; data show traces of product (up to 0.03 ft. in Dec. 2010, up to 0.07 ft in May 2010) in couple of wells. Rpt recommended reducing dissolved-phase GW sampling from semi-annual to annual, gauging wells for product quarterly and doing vacuum recovery as needed. - JK 4/22/11: I sent email to Sean Wallace of Ambient Group: "Sorry it's taken a while to get back to you about this site. Recommendation in your last rpt to change GW sampling schedule from semi-annual to annual is not approved. DEC's mission is to move spill cases toward closure in an expeditious manner. Semi-annual sampling is not onerous, in my opinion, and will do better job of establishing trends in contaminant levels than will annual sampling. Product recovery may be performed periodically on an as-needed basis, as recommended. However, I would still prefer that Responsible Party follow up on earlier suggestions about developing an enhanced remediation strategy to move this case more quickly toward closure." Received email reply from Sean Wallace: "Thank you. We will inform our client of decision and of preference to follow previous path, i.e., soil washing leading toward expeditious closure." - J. Kolleeny06/09/11: On 6/7/11, received email from Sean Wallace of Ambient Group, with attached pdf file of May 2011 Semi-Annual Mon Rpt dated 6/7/11 (in eDocs); email stated: "Here is rpt for first bi-annual monitoring event for 2011. We are preparing recommendation for an enhanced remediation strategy to present once more to our client, CBS." Will review mon rpt. - JK08/09/11: Reviewed May 2011 Semi-Annual Mon Rpt by Ambient Group dated 6/7/11. Rpt presents May 2011 well gauging & sampling data showing small amounts of product detected in basement wells B5 and B10 ("1 cm visible in 1/2-inch diameter bailer"), and for dissolved-phase, low concentrations of VOCs in several wells ranging up to 104 ug/L total VOCs in B8. Rpt states that basement wells continue to show oil impacts, and based on data, Ambient Grp recommends continued semi-annual monitoring, removal of product as needed by well purging, and they will present to CBS an enhanced remedial strategy involving bioremediation and soil washing to help make product recoverable and move spill toward closure in a timely

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manner. - J. Kolleeny03/07/12: Reviewed November 2011 Semi-Annual Mon Rpt by Ambient Group, dated 12/27/11 (in eDocs). Nov. 2011 well gauging & sampling data showed product detected in one basement well, B10 (amount not specified); dissolved-phase GW sampling showed low levels of total VOCS, ranging up to 85 ug/L tVOCs in well B5. Rpt states that basement wells continue to show oil impacts, and based on data, Ambient Grp recommends continued semi-annual monitoring, removal of product as needed by well purging, and that Ambient Grp will present to CBS two options to enhance remediation at site: (1) soil washing to help move residual product from soil to water table where it can be more readily recovered, and (2) bioremediation to degrade residual impacts in soil and GW. - J. Kolleeny06/05/12: Met with Sean Wallace of Ambient Group, Chris Tomasello of Reliant Consulting, and CBS reps - Tom Guzzi, Ching Li and Greg Marcy, to discuss potential remedial approach of using surfactant/soil washing to desorb product trapped in soil to expedite product recovery and bioremedial solutions with facultative bacteria to degrade residual hydrocarbons in soil and GW. CBS asked if DEC could guarantee spill closure if they proceed with this approach, Vadim Brevdo and I said we could not give a guarantee, however, we believe that this approach is likely to bring spill to closure more quickly than continuing with present approach of semi-annual monitoring and vacuuming of wells with product. I noted that any remedial work plan proposing soil washing & bioremediation would have to show that sufficient numbers and locations of injection points can be installed at site to adequately target area(s) of concern, and plan would have to show that there are sufficient numbers and distribution of potential product collection points to control and prevent any migration of mobilized product off-site. Tomasello indicated both conditions can be satisfied. Sean Wallace mentioned that another semi-annual sampling event was recently performed and a rpt will be coming soon. - JK06/22/12: Reviewed May 2012 Semi-Annual Mon Rpt by Ambient Grp, dated 6/10/12 (in eDocs). Rpt presents results of May 2012 gauging and sampling event. Prior to pumping with vac truck, basement well MW-10 had 0.05 ft of free product; after pumping, basement wells B5 and B10 had traces of free product (0.01 and 0.02 ft, resp.). Several wells continued to have low levels of dissolved VOCs: B11 had 92 ug/L total VOCs, B8 had 89 ug/L tVOCs, B9 had 47 ug/L tVOCs. VOC levels have generally decreased over time. Rpt recommends continuing bi-annual monitoring of wells, with removal of free product via well purging as needed, and states that Ambient Grp will present to CBS two options to enhance site remediation: (1) soil washing to help move residual product from soil to water table where it can be more readily recovered, and (2) bioremediation to degrade residual impacts in soil and GW. - J. Kolleeny

Remarks: Not reported

Material:

Site ID:	158716
Operable Unit ID:	886627
Operable Unit:	01
Material ID:	490757
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1000
Units:	Gallons

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Recovered: 1000
Resource Affected: Not reported
Oxygenate: False

Tank Test:

F59 **CLINTON MANOR** **NY UST** **U001831532**
WSW **535 WEST 51ST STREET** **NY HIST UST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.062 mi.
328 ft. **Site 2 of 9 in cluster F**

Relative:
Higher

Actual:
27 ft.

UST:
Id/Status: 2-055190 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2016/12/30
UTM X: 585034.24222000001
UTM Y: 4513282.0724299997

Affiliation Records:
Site Id: 815
Affiliation Type: Facility Owner
Company Name: CLINTON MANOR ASSOCIATES
Contact Type: PROPERTY MANAGER
Contact Name: JAVIER AYALA
Address1: 535 WEST 51ST STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 586-1888
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 6/25/2007

Site Id: 815
Affiliation Type: Mail Contact
Company Name: CLINTON MANOR ASSOCIATES
Contact Type: PROPERTY MANAGER
Contact Name: JAVIER AYALA
Address1: 535 WEST 51ST STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 586-1888
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 6/25/2007

Site Id: 815

CLINTON MANOR (Continued) **U001831532**

Affiliation Type:	On-Site Operator
Company Name:	CLINTON MANOR
Contact Type:	Not reported
Contact Name:	HAROLD OCHOA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 586-1888
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/7/2011

Site Id:	815
Affiliation Type:	Emergency Contact
Company Name:	CLINTON MANOR ASSOCIATES
Contact Type:	Not reported
Contact Name:	JAVIER AYALA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 693-9741
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/7/2011

Tank Info:

Tank Number:	004
Tank ID:	1759
Tank Status:	In Service
Capacity Gallons:	20000
Install Date:	07/01/1979
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	02/08/2012
Next Test Date:	02/08/2017
Pipe Model:	Not reported
Modified By:	BKFALVEY
Last Modified:	03/13/2012

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
F01 - Pipe External Protection - Painted/Asphalt Coating

CLINTON MANOR (Continued) **U001831532**

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
E02 - Piping Secondary Containment - Vault (with Access)
L00 - Piping Leak Detection - None

HIST UST:

PBS Number:	2-055190
SPDES Number:	Not reported
Emergency Contact:	SAMUEL POMPA OWNER PARTNER
Emergency Telephone:	(212) 288-9254
Operator:	SUPT A SANTIAGA
Operator Telephone:	(212) 586-1888
Owner Name:	CLINTON MANOR ASSOCIATES
Owner Address:	535 WEST 51ST ST
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 586-1888
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	CLINTON MANOR ASSOCIATES
Mailing Address:	535 WEST 51ST ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	Not reported
Mailing Telephone:	(212) 586-1888
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	535 WEST 51ST ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	01/05/2001
Expiration Date:	12/30/2001
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62

CLINTON MANOR (Continued) **U001831532**

Town or City:	01
Region:	2
Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19790701
Capacity (gals):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Sacrificial Anode
Second Containment:	Vault (w/o access)
Leak Detection:	In-tank System
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	10/24/2000
Next Test Date:	10/24/2005
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

E60 **783 10TH AVENUE** **NY LTANKS** **S101103158**
ESE **783 TENTH AVENUE** **N/A**
< 1/8 **MANHATTAN, NY**
0.062 mi.
329 ft. **Site 9 of 23 in cluster E**

Relative:
Higher

Actual:
31 ft.

LTANKS:

Site ID:	96679
Spill Number/Closed Date:	9402598 / 9/19/1998
Spill Date:	5/22/1994
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	5/23/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/25/1994
Spill Record Last Update:	12/24/2003

783 10TH AVENUE (Continued) **S101103158**

Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	284667
DEC Memo:	Not reported
Remarks:	EX. ISO - RETEST.

Material:

Site ID:	96679
Operable Unit ID:	999677
Operable Unit:	01
Material ID:	382779
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	96679
Spill Tank Test:	1542765
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

E61 **CONSOLIDATED EDISON** **NY MANIFEST** **1009241148**
ESE **W 53 ST & 10 AVE MH43367** **N/A**
< 1/8 **NEW YORK, NY 10027**
0.062 mi.
329 ft. **Site 10 of 23 in cluster E**

Relative:
Higher

Actual:
31 ft.

NY MANIFEST:

EPA ID:	NYP004095303
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003

CONSOLIDATED EDISON (Continued) **1009241148**

Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0744462
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/23/2002
Trans1 Recv Date:	01/23/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/24/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004095303
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	20854AD
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00773
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYE0744642
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/23/2002
Trans1 Recv Date:	01/23/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/24/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004095303
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	17741AV
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00081
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2002

C62 **CON EDISON** **NY MANIFEST** **S112210911**
SE **762 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.064 mi.
338 ft. **Site 7 of 19 in cluster C**

Relative:
Higher

Actual:
29 ft.

NY MANIFEST:

EPA ID:	NYP004271136
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271136
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457246JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210911**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271136
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457246JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

C63 **EDR US Hist Cleaners** **1015094350**
SE **762 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.064 mi.
338 ft. **Site 8 of 19 in cluster C**

Relative:
Higher

Actual:
29 ft.

EDR Historical Cleaners:

Name:	CLINIQUE CLEANERS ONE INC
Year:	2010
Address:	762 10TH AVE
Name:	CLINIQUE CLEANER ONE
Year:	2011
Address:	762 10TH AVE
Name:	CLINIQUE CLEANER ONE
Year:	2012
Address:	762 10TH AVE

F64 **CONSOLIDATED EDISON** **NY MANIFEST** **1009238679**
WSW **V0547-31 W 51ST ST** **N/A**
< 1/8 **NEW YORK, NY 10001**
0.066 mi.
349 ft. **Site 3 of 9 in cluster F**

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

EPA ID:	NYP004051660
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808
Document ID:	NYE0666099
Manifest Status:	Not reported
Trans1 State ID:	NYD006983259
Trans2 State ID:	Not reported
Generator Ship Date:	03/22/2000
Trans1 Recv Date:	03/22/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/22/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004051660
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	GX3216
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01933
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

E65 **800 10TH AVENUE** **NY UST** **U004129118**
East **460 WEST 54TH STREET** **NY AST** **N/A**
< 1/8 **NY, NY 10019**
0.067 mi.
356 ft. **Site 11 of 23 in cluster E**

Relative:
Higher

Actual:
32 ft.

UST:

Id/Status:	2-213322 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585372.82120999997
UTM Y:	4513355.6900599999

Affiliation Records:

800 10TH AVENUE (Continued) **U004129118**

Site Id:	7868
Affiliation Type:	On-Site Operator
Company Name:	800 10TH AVENUE
Contact Type:	Not reported
Contact Name:	KEN HORN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 683-0044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/14/2009

Site Id:	7868
Affiliation Type:	Emergency Contact
Company Name:	800 TENTH DEVELOPER LP % ALCHEMY PROPERTIES
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/14/2009

Site Id:	7868
Affiliation Type:	Facility Owner
Company Name:	800 TENTH DEVELOPER LP % ALCHEMY PROPERTIES
Contact Type:	MANAGING MEMBER
Contact Name:	KENNETH HORN
Address1:	200 MADISON AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(212) 683-0044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/14/2009

Site Id:	7868
Affiliation Type:	Mail Contact
Company Name:	800 TENTH DEVELOPER LP
Contact Type:	Not reported
Contact Name:	KENNETH HORN
Address1:	200 MADISON AVENUE, 20TH FL

800 10TH AVENUE (Continued) **U004129118**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(212) 683-0044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/14/2009

Tank Info:

Tank Number:	002
Tank ID:	226949
Tank Status:	Closed - Removed
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	09/26/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	01/14/2009

Equipment Records:

A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-213322
Program Type:	PBS
UTM X:	585372.82120999997
UTM Y:	4513355.6900599999
Expiration Date:	N/A

Affiliation Records:

Site Id:	7868
Affiliation Type:	On-Site Operator

800 10TH AVENUE (Continued) **U004129118**

Company Name:	800 10TH AVENUE
Contact Type:	Not reported
Contact Name:	KEN HORN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 683-0044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/14/2009

Site Id:	7868
Affiliation Type:	Emergency Contact
Company Name:	800 TENTH DEVELOPER LP % ALCHEMY PROPERTIES
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/14/2009

Site Id:	7868
Affiliation Type:	Facility Owner
Company Name:	800 TENTH DEVELOPER LP % ALCHEMY PROPERTIES
Contact Type:	MANAGING MEMBER
Contact Name:	KENNETH HORN
Address1:	200 MADISON AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(212) 683-0044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/14/2009

Site Id:	7868
Affiliation Type:	Mail Contact
Company Name:	800 TENTH DEVELOPER LP
Contact Type:	Not reported
Contact Name:	KENNETH HORN
Address1:	200 MADISON AVENUE, 20TH FL
Address2:	Not reported
City:	NEW YORK

800 10TH AVENUE (Continued) **U004129118**

State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(212) 683-0044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/14/2009

Tank Info:

Tank Number:	001
Tank Id:	18859
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I02 - Overfill - High Level Alarm
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/24/2008
Register:	True
Modified By:	dxliving
Last Modified:	01/14/2009

E66 **CON EDISION - V 5736** **RCRA NonGen / NLR 1007208417**
East **800 10 AVE 800 10 AVE** **NY MANIFEST NYP004089587**
< 1/8 **NEW YORK, NY 10003**
0.067 mi.
356 ft. **Site 12 of 23 in cluster E**

Relative:
Higher

Actual:
32 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/02/2002
Facility name:	CON EDISION - V 5736
Facility address:	800 10 AVE 800 10 AVE NEW YORK, NY 10003
EPA ID:	NYP004089587
Mailing address:	IRVING PLACE NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	IRVING PLACE NEW YORK, NY 10003

CON EDISION - V 5736 (Continued) **1007208417**

Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/01/2002
Facility name: CON EDISION - V 5736
Classification: Not a generator, verified

Date form received by agency: 05/31/2002
Facility name: CON EDISION - V 5736
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP004089587
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE0621576
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 10/11/2001
Trans1 Recv Date: 10/11/2001
Trans2 Recv Date: Not reported

CON EDISION - V 5736 (Continued) **1007208417**

TSD Site Recv Date:	10/11/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004089587
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	20856AD
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01100
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

C67 **APARTMENT** **NY Spills** **S102146339**
SSE **759 10TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.069 mi.
362 ft. **Site 9 of 19 in cluster C**

Relative:
Higher

Actual:
30 ft.

SPILLS:

Facility ID:	9300130
DER Facility ID:	225303
Facility Type:	ER
Site ID:	277164
DEC Region:	2
Spill Date:	4/2/1993
Spill Number/Closed Date:	9300130 / 4/2/1993
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
SWIS:	3101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	4/2/1993
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	4/2/1993
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/6/1993
Spill Record Last Update:	7/20/1993
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

APARTMENT (Continued) **S102146339**

Remarks: DRY SOL & SAND APPLIED PETRO TANK TO INVENT & POSSIBLE CLEANUP

Material:
Site ID: 277164
Operable Unit ID: 978781
Operable Unit: 01
Material ID: 400895
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

C68 **753 10 AVENUE** **NY UST** **U003835984**
SSE **753 TENTH AVENUE** **NY HIST UST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.074 mi.
389 ft. **Site 10 of 19 in cluster C**

Relative: Higher

Actual: 30 ft.

UST:
Id/Status: 2-606798 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2006/08/22
UTM X: 585094.97254999995
UTM Y: 4513136.2857900001

Affiliation Records:
Site Id: 28654
Affiliation Type: On-Site Operator
Company Name: 753 10 AVENUE
Contact Type: Not reported
Contact Name: ASST. COMMISSIONER/DAMP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (212) 863-7301
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/4/2008

Site Id: 28654
Affiliation Type: Mail Contact
Company Name: NYC/HPD/DAMP
Contact Type: Not reported
Contact Name: ASST. COMMISSIONER/DAMP

753 10 AVENUE (Continued) **U003835984**

Address1:	100 GOLD STREET
Address2:	#7Z5
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/19/2012

Site Id:	28654
Affiliation Type:	Facility Owner
Company Name:	NYC/HPD/DAMP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	100 GOLD ST., #7Z5
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/29/2011

Site Id:	28654
Affiliation Type:	Emergency Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	213/215 MOTT ST. H.D.F.C.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 613-0908
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/4/2008

Tank Info:

Tank Number:	001
Tank ID:	61888
Tank Status:	In Service
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

753 10 AVENUE (Continued) **U003835984**

Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 00
Date Test: Not reported
Next Test Date: 12/27/1987
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

HIST UST:

PBS Number: 2-606798
SPDES Number: Not reported
Emergency Contact: ASST. COMMISSIONER/DAMP
Emergency Telephone: (212) 863-7301
Operator: ASST. COMMISSIONER/DAMP
Operator Telephone: (212) 863-7301
Owner Name: NYC/HPD/DAMP
Owner Address: 100 GOLD ST., #7Z5
Owner City,St,Zip: NEW YORK, NY 10038
Owner Telephone: (212) 863-7301
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Name: NYC/HPD/DAMP
Mailing Address: 100 GOLD STREET
Mailing Address 2: #7Z5
Mailing City,St,Zip: NEW YORK, NY 10038
Mailing Contact: ASST. COMMISSIONER/DAMP
Mailing Telephone: (212) 863-7301
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 753 10TH AVE
SWIS ID: 6201
Old PBS Number: Not reported
Facility Type: APARTMENT BUILDING
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 08/24/2001
Expiration Date: 08/22/2006
Renew Flag: False
Renewal Date: Not reported

753 10 AVENUE (Continued) **U003835984**

Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	2000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Not reported
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	12/27/1987
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

E69 **ELKALM REALTY** **NY AST** **A100168869**
East **886 TENTH AVE** **N/A**
< 1/8 **NEW YORK, NY 10028**
0.075 mi.
395 ft. **Site 13 of 23 in cluster E**

Relative:
Higher

Actual:
35 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-279951
Program Type:	PBS
UTM X:	585269.61987000005
UTM Y:	4513381.9226700002
Expiration Date:	2010/08/29

Affiliation Records:

Site Id:	12209
Affiliation Type:	Facility Owner
Company Name:	ELKAM REALTY

ELKALM REALTY (Continued) **A100168869**

Contact Type:	MANAGER
Contact Name:	ELY SAMUELS
Address1:	425 EAST 61ST STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 750-8200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	7/12/2005

Site Id:	12209
Affiliation Type:	Mail Contact
Company Name:	ELKAM REALTY CO.
Contact Type:	Not reported
Contact Name:	ELY SAMUELS
Address1:	425 EAST 61ST STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 750-8200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12209
Affiliation Type:	On-Site Operator
Company Name:	ELKALM REALTY
Contact Type:	Not reported
Contact Name:	ELY SAMUELS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 750-8200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12209
Affiliation Type:	Emergency Contact
Company Name:	ELKAM REALTY
Contact Type:	Not reported
Contact Name:	ELY SAMUELS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

ELKALM REALTY (Continued) **A100168869**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 750-8200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	14542
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I02 - Overfill - High Level Alarm

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

B70 **EDR US Hist Auto Stat** **1015624062**
NW **748 11TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.075 mi.
398 ft. **Site 5 of 8 in cluster B**

Relative:
Higher

Actual:
26 ft.

EDR Historical Auto Stations:

Name:	MOBILE AUDIO SPECIALISTS INC
Year:	2010
Address:	748 11TH AVE

G71 **MANHOLE # 61725** **NY Spills** **S106468726**
WNW **11 TH AVE NEAR 52ND ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.077 mi.
407 ft. **Site 1 of 8 in cluster G**

Relative:
Higher

Actual:
25 ft.

SPILLS:

Facility ID:	0401214
DER Facility ID:	226892
Facility Type:	ER
Site ID:	279428
DEC Region:	2
Spill Date:	5/5/2004
Spill Number/Closed Date:	0401214 / 10/23/2006
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	5/5/2004
CID:	38
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/5/2004
Spill Record Last Update:	10/23/2006
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY 10003
Spiller Company:	001
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	10/23/06 - See e-docs for Con Ed report detailing cleanup and closure.e2mis 153204On 05-05-2004 At 02:20hr Transmission operator F. Severin #52700 reported a spill in mh #61725 of 8 gal. Of unknown oil and 500 gal of water to T.Haynes #82326mcc. Spill was discovered at 11av 104' N 52 St. Two samples were taken, one for oil id and one for PCB. No sewer/waterway were affected. Sewer connection, not verified.
Remarks:	8 gallons of unknown oil on top of 500 gallons of water. believed to be contained at this time. 11th ave 104 ft n of 52nd st.

Material:

Site ID:	279428
Operable Unit ID:	883070
Operable Unit:	01
Material ID:	492433
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	8
Units:	Gallons

MANHOLE # 61725 (Continued) **S106468726**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

E72
ENE
< 1/8
0.080 mi.
425 ft.

CON EDISON **RCRA NonGen / NLR** **1010326446**
500 W 54 ST **NY MANIFEST** **NYP004141214**
NEW YORK, NY 10019

Site 14 of 23 in cluster E

Relative:
Higher

Actual:
34 ft.

RCRA NonGen / NLR:
Date form received by agency: 07/05/2006
Facility name: CON EDISON
Facility address: 500 W 54 ST
NEW YORK, NY 10019
EPA ID: NYP004141214
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: MICHAEL DAUGHTREY
Contact address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact country: US
Contact telephone: (212) 580-8383
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/04/2006
Facility name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 07/03/2006
Facility name: CON EDISON
Classification: Unverified

CON EDISON (Continued) **1010326446**

Violation Status: No violations found

NY MANIFEST:

EPA ID: NYP004141214
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE1538721
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 03/30/2006
Trans1 Recv Date: 03/30/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/31/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004141214
Trans1 EPA ID: 12446JT
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00677
Units: K - Kilograms (2.2 pounds)
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2006

Document ID: NYE1538721
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 03/30/2006
Trans1 Recv Date: 03/30/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/31/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004141214
Trans1 EPA ID: 12446JT
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00677
Units: K - Kilograms (2.2 pounds)

CON EDISON (Continued) **1010326446**

Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2006

E73 **VAULT 5279** **NY Spills** **S110490533**
ENE **WEST 54TH ST AND 10TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.081 mi.
430 ft. **Site 15 of 23 in cluster E**

Relative:
Higher

Actual:
34 ft.

SPILLS:
Facility ID: 1005149
DER Facility ID: 393455
Facility Type: ER
Site ID: 438457
DEC Region: 2
Spill Date: 8/6/2010
Spill Number/Closed Date: 1005149 / 10/18/2010
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 8/6/2010
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 8/6/2010
Spill Record Last Update: 10/18/2010
Spiller Name: Not reported
Spiller Company: CON ED
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: ERT
Contact Phone: (212) 580-8383
DEC Memo: 10/18/10 - Austin - 1 pint leak from transformer in vault - Con Ed contained and cleaned up the release - see eDocs documents for more information - closed - end
Remarks: 1 drop per hour - cleanup pending

Material:
Site ID: 438457
Operable Unit ID: 1189113
Operable Unit: 01
Material ID: 2184062
Material Code: 0541A
Material Name: DIELECTRIC FLUID

VAULT 5279 (Continued) **S110490533**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0.01
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

E74 **CON EDISON** **RCRA NonGen / NLR** **1014398257**
ENE **54TH ST & 10TH AVE** **NYP004206084**
< 1/8 **NEW YORK, NY 10019**
0.082 mi.
431 ft. **Site 16 of 23 in cluster E**

Relative:
Higher

Actual:
34 ft.

RCRA NonGen / NLR:

Date form received by agency:	05/02/2010
Facility name:	CON EDISON
Facility address:	54TH ST & 10TH AVE NEW YORK, NY 10019
EPA ID:	NYP004206084
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	MICHAEL BETO
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(917) 337-5519
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

E75 **CONSTRUCTION** **NY Spills** **S104650110**
ENE **54TH ST AND 10TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.082 mi.
431 ft. **Site 17 of 23 in cluster E**

Relative:
Higher

Actual:
35 ft.

SPILLS:

Facility ID:	9911558
DER Facility ID:	171637
Facility Type:	ER
Site ID:	206757
DEC Region:	2
Spill Date:	1/4/2000
Spill Number/Closed Date:	9911558 / 1/24/2001
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1/4/2000
CID:	257
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/4/2000
Spill Record Last Update:	2/2/2005
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	BILL FISHER
Contact Phone:	(516) 369-4900
DEC Memo:	Not reported
Remarks:	DURING CONSTRUCTION CONTAMINATED DOIL WAS FOUND

Material:

Site ID:	206757
Operable Unit ID:	1090251
Operable Unit:	01
Material ID:	297017
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

C76 **HUDSONVIEW TERRACE APTS** **NY UST** **U001831331**
SSE **747 TENTH AVE** **NY HIST UST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.082 mi.
431 ft. **Site 11 of 19 in cluster C**

Relative:
Higher

Actual:
31 ft.

UST:

Id/Status:	2-040541 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2011/12/02
UTM X:	585118.74375999998
UTM Y:	4513127.5040199999

Affiliation Records:

Site Id:	348
Affiliation Type:	Mail Contact
Company Name:	HUDSONVIEW TERRACE APTS
Contact Type:	Not reported
Contact Name:	SUPER/FACILITY MANAGER
Address1:	747 TENTH AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 265-5868
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	10/11/2006

Site Id:	348
Affiliation Type:	Facility Owner
Company Name:	EMPIRE STATE MGMT.
Contact Type:	SUPERINTENDENT
Contact Name:	EMPIRE MGT
Address1:	107-129 E. 126TH ST.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10035
Country Code:	001
Phone:	(212) 996-0200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	10/11/2006

Site Id:	348
Affiliation Type:	On-Site Operator
Company Name:	HUDSONVIEW TERRACE APTS
Contact Type:	Not reported
Contact Name:	PHYLISS DEMASSI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

HUDSONVIEW TERRACE APTS (Continued) **U001831331**

Country Code:	001
Phone:	(212) 265-5868
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	10/11/2006

Site Id:	348
Affiliation Type:	Emergency Contact
Company Name:	EMPIRE STATE MGMT.
Contact Type:	Not reported
Contact Name:	FRANK ARIAS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 399-1286
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	10/11/2006

Tank Info:

Tank Number:	102
Tank ID:	1072
Tank Status:	In Service
Capacity Gallons:	40000
Install Date:	01/01/1974
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	msbaptis
Last Modified:	10/11/2006

Equipment Records:

B00 - Tank External Protection - None
G99 - Tank Secondary Containment - Other
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

HUDSONVIEW TERRACE APTS (Continued) **U001831331**

L09 - Piping Leak Detection - Exempt Suction Piping

HIST UST:

PBS Number:	2-040541
SPDES Number:	Not reported
Emergency Contact:	SAM RODRIQUEZ
Emergency Telephone:	(212) 974-8595
Operator:	CAROL BEHAR
Operator Telephone:	(212) 581-2777
Owner Name:	EMPIRE STATE MGMT.
Owner Address:	107-129 E. 126TH ST.
Owner City,St,Zip:	NEW YORK, NY 10035
Owner Telephone:	(212) 996-0200
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	HUDSONVIEW TERRACE APTS
Mailing Address:	747 TENTH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	SUPER/FACILITY MANAGER
Mailing Telephone:	(212) 581-2777
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	747 10TH AVE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/30/1997
Expiration Date:	12/02/2001
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	40000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	102
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	40000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel

HUDSONVIEW TERRACE APTS (Continued) **U001831331**

Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Other
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

C77 **EDR US Hist Cleaners** **1015093234**
SSE **747 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.082 mi.
431 ft. **Site 12 of 19 in cluster C**

Relative:
Higher

Actual:
31 ft.

EDR Historical Cleaners:

Name:	708 SPLASHING LAUNDROMAT II
Year:	2003
Address:	747 10TH AVE

E78 **VAULT #6326** **NY Spills** **S107657539**
ENE **500 W. 54 STREET** **N/A**
< 1/8 **MANHATTAN, NY**
0.083 mi.
437 ft. **Site 18 of 23 in cluster E**

Relative:
Higher

Actual:
35 ft.

SPILLS:

Facility ID:	0514118
DER Facility ID:	310950
Facility Type:	ER
Site ID:	360766
DEC Region:	2
Spill Date:	3/9/2006
Spill Number/Closed Date:	0514118 / 4/17/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	3/9/2006
CID:	406
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported

VAULT #6326 (Continued) **S107657539**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/9/2006
Spill Record Last Update:	6/12/2006
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	999
Contact Name:	ERT DESK'
Contact Phone:	(212) 580-8383
DEC Memo:	04/17/06 - See e-docs for Con Ed report detailing cleanup and closure.04/17/06 - See e-docs for Con Ed report detailing cleanup and closure.163268. see eDocs
Remarks:	One pint of transformer oil spilled due to a leak in the transformer. Unknown if material is PCB or non PCB. Doing testing to find out. Clean up pending transformer removal. ConEd#163268

Material:

Site ID:	360766
Operable Unit ID:	1117885
Operable Unit:	01
Material ID:	2108391
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

E79 **1 GAL XFMR OIL FOUND IN VAULT # 6339** **NY Spills** **S108637757**
ENE **WEST 54 STREET BET 9 & 10 AVENUES** **N/A**
< 1/8 **MANHATTAN, NY 11101**
0.083 mi.
437 ft. **Site 19 of 23 in cluster E**

Relative:
Higher

Actual:
35 ft.

SPILLS:

Facility ID:	0702610
DER Facility ID:	331790
Facility Type:	ER
Site ID:	382366
DEC Region:	2
Spill Date:	6/2/2007
Spill Number/Closed Date:	0702610 / 11/8/2007
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	gdbreen

1 GAL XFMR OIL FOUND IN VAULT # 6339 (Continued) **S108637757**

Referred To:	Not reported
Reported to Dept:	6/2/2007
CID:	76
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/2/2007
Spill Record Last Update:	11/8/2007
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	W 54ST / 9TH AVE
Spiller City,St,Zip:	MANHATTAN, NY 11101
Spiller Company:	999
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	11/08/07 - See eDocs for Con Ed report detailing cleanup and closure.206227. see eDocs
Remarks:	CALLER REPORTS SPILL OF 1 GALLON ON 100 GALLONS OF WATER. SUMP PUMP FOUND IN STRUCTURE. NO TO QUESTIONS 1-4; YES TO QUESTION 5. REF# 206227.

Material:

Site ID:	382366
Operable Unit ID:	1139765
Operable Unit:	01
Material ID:	2129807
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

C80 **EDR US Hist Auto Stat** **1015624803**
SSE **750 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.083 mi.
438 ft. **Site 13 of 19 in cluster C**

Relative:
Higher

Actual:
31 ft.

EDR Historical Auto Stations:

Name:	AUTO REPAIR 24 HOUR
Year:	2003
Address:	750 10TH AVE
Name:	AUTO REPAIR 24 HOUR
Year:	2004

(Continued) **1015624803**

Address: 750 10TH AVE

Name: AUTO REPAIR 24 HOUR
Year: 2010
Address: 750 10TH AVE

Name: AUTO REPAIR 24 HOUR
Year: 2011
Address: 750 10TH AVE

Name: AUTO REPAIR 24 HOUR
Year: 2012
Address: 750 10TH AVE

C81 **EDR US Hist Cleaners** **1015093442**
SSE **750 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.083 mi.
438 ft. **Site 14 of 19 in cluster C**

Relative:
Higher

Actual:
31 ft.

EDR Historical Cleaners:

Name: VIONETTE LAUNDROMAT
Year: 1999
Address: 750 10TH AVE

Name: VIONNETTE 750 LAUNDROMAT INCORPORATED
Year: 1999
Address: 750 10TH AVE

Name: VIONETTE LAUNDROMAT
Year: 2000
Address: 750 10TH AVE

Name: VIONNETTE 750 LAUNDROMAT INCORPORATED
Year: 2000
Address: 750 10TH AVE

Name: VIONETTES 750 LAUNDROMAT INC
Year: 2002
Address: 750 10TH AVE

Name: VIONETTE LAUNDROMAT
Year: 2003
Address: 750 10TH AVE

Name: VIONNETTES 750 LAUNDROMAT INC
Year: 2004
Address: 750 10TH AVE

Name: BERNARDOS DRY CLEANING & LAUNDROM
Year: 2008
Address: 750 10TH AVE

Name: BERNARDOS DRY CLEANING & LAUNDROM
Year: 2011
Address: 750 10TH AVE

Name: BERNARDOS DRY CLEANING & LAUNDROM

(Continued) **1015093442**

Year: 2012
Address: 750 10TH AVE

G82 **EDR US Hist Auto Stat** **1015617545**
West **726 11TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.083 mi.
439 ft. **Site 2 of 8 in cluster G**

Relative:
Higher

Actual:
25 ft.

EDR Historical Auto Stations:

Name: CYBERT TIRE CORPORATION
Year: 1999
Address: 726 11TH AVE

Name: CYBERT TIRE CORPORATION
Year: 2000
Address: 726 11TH AVE

Name: CYBERT TIRE CAR CARE
Year: 2004
Address: 726 11TH AVE

Name: CYBERT TIRE CORP
Year: 2005
Address: 726 11TH AVE

Name: CYBERT TIRE CORP
Year: 2008
Address: 726 11TH AVE

Name: CYBERT TIRE CORP
Year: 2009
Address: 726 11TH AVE

Name: A BETTER AUTO TOW
Year: 2010
Address: 726 11TH AVE

Name: CYBERT TIRE & CAR CARE
Year: 2011
Address: 726 11TH AVE

Name: A BETTER AUTO TOW
Year: 2012
Address: 726 11TH AVE

G83 **CYBERT TIRE CO.** **NY AST** **A100322473**
West **726 ELEVENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.083 mi.
439 ft. **Site 3 of 8 in cluster G**

Relative:
Higher

Actual:
25 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active

CYBERT TIRE CO. (Continued) **A100322473**

Facility Id: 2-610990
Program Type: PBS
UTM X: 584912.15104000003
UTM Y: 4513339.6773100002
Expiration Date: 2013/12/23

Affiliation Records:
Site Id: 408197
Affiliation Type: Facility Owner
Company Name: CYBERT TIRE CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 726 11TH AVE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (845) 279-4618
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 12/23/2008

Site Id: 408197
Affiliation Type: Mail Contact
Company Name: CYBERT TIRE CORP.
Contact Type: Not reported
Contact Name: JOHN EVERETT
Address1: 726 ELEVENTH AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 265-1177
EMail: INFO@CYBERTIRE.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 12/23/2008

Site Id: 408197
Affiliation Type: On-Site Operator
Company Name: CYBERT TIRE CO.
Contact Type: Not reported
Contact Name: JOHN EVERETT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 265-1177
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 12/23/2008

CYBERT TIRE CO. (Continued) **A100322473**

Site Id:	408197
Affiliation Type:	Emergency Contact
Company Name:	CYBERT TIRE CORP.
Contact Type:	Not reported
Contact Name:	JOHN EVERETT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 279-4618
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/23/2008

Tank Info:

Tank Number:	001
Tank Id:	226718
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/2004
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	12/23/2008

C84 **CON EDISON** **NY MANIFEST** **S112210906**
SSE **51 ST & 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.083 mi.
440 ft. **Site 15 of 19 in cluster C**

Relative:
Higher

Actual:
31 ft.

NY MANIFEST:

EPA ID:	NYP004271086
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271086
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457240JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210906**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271086
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457240JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

C85 **OFF-SITE CLINTON GREEN DEVELOPMENT PROJECT** **NY BROWNFIELDS** **S106906459**
SSE **51ST - 53RD ST. & 10TH AVE.** **N/A**
< 1/8 **NEW YORK, NY 10109**
0.083 mi.
440 ft. **Site 16 of 19 in cluster C**

Relative:
Higher

Actual:
31 ft.

BROWNFIELDS:

Program:	BCP
Site Code:	416811
Site Description:	Location: The Off-site Clinton Green Development Project Site, defined by a shallow off-site petroleum-contaminated groundwater plume, involves the intersection of West 53rd Street and 10th Avenue in Manhattan, New York City.Site Features: This location is an urban area of commercial/light industrial and residential use including multi-story buildings, sidewalks and open city streets. A paved elementary school playground is located on the southeast corner of this intersection and the Hudson River is approximately two blocks west of the Site. Zoning/Historical Use: The Site is in an Environmental Zone which is part of the Clinton Green Urban Renewal Area. This is an off-site remedial project associated with the now-completed Clinton Green Development Brownfield Cleanup Project.Site Geology and Hydrogeology: The depth to groundwater ranges between 12 to 20 feet below the surface. The soil, below the urban fill, is fine to coarse-grained sand. Bedrock is encountered between 11 feet and 15 feet below the surface.

OFF-SITE CLINTON GREEN DEVELOPMENT PROJECT (Continued) **S106906459**

Env Problem: Nature and Extent of Contamination: The on-site source area (Clinton Green Development BCP Site) was cleaned up by Dermot Clinton Green in 2006, and this project includes the remediation of the off-site petroleum-contaminated plume.Contaminants: Based upon investigations conducted to date, the primary contaminants are petroleum-related volatile organic compounds (VOCs) in a shallow off-site groundwater plume. Concentrations: Concentrations of benzene in the groundwater ranged from non-detect to 330 parts per billion (ppb), exceeding the groundwater standard of 1 ppb. Ten other VOCs also exceeded the groundwater standard. Naphthalene (290 ppb) was the only semi-volatile organic compound detected and it exceeded the groundwater standard of 5 ppb. This very localized plume has migrated off-site approximately 100 feet down-gradient. Significant Threat: The BCP site presented a significant environmental threat due to the off-site release of contaminants from source areas.

Health Problem: Direct contact with contaminated groundwater is not expected since contamination is located at depth and below pavement. Ingestion of contaminated groundwater is not expected since the area is served with public water. An evaluation of the potential for vapor intrusion to occur is part of the approved Remedial Action Workplan currently underway.

Program: BCP
Site Code: 57349
Site Description: The site consists of several parcels located on West 53rd Street between 10th Avenue and the Amtrak easement, on West 52nd Street adjacent to the east side of the Amtrak easement, and along the Amtrak easement between West 51st and 53rd Streets in the City of New York, Borough of Manhattan. Railroad tracks pass through the site. A former ExxonMobil gas station was present on this portion of the Site from approximately 1950 - 1992. By February 2006, all original buildings on-site were torn down and all on-site contaminated soil was excavated and removed off-site. The property is currently owned by Dermot Clinton Green LLC.The Site now consists of two residential towers, a mixed-use low-rise building, public park, and subsurface parking garage (all currently under construction).A Certificate of Completion was issued on October 20, 2006.

Env Problem: Past environmental investigations revealed that this BCP site had on-site and off-site petroleum impacted soil and groundwater as a result of petroleum spills from the former Exxon/Mobil Service Station at the corner of 53rd Street and 10th Avenue. Dissolved phase groundwater contamination (BTEX, lead and MTBE) has impacted the shallow groundwater table exceeding standards. An adjacent off-site building has experienced liquid petroleum in the basement. On-site and off-site remedial work occurred in early 2000. Although all on-site contamination has been removed through the BCP program in 2006, an off-site groundwater plume still exists and additional cleanup work is required to remediate the off-site contamination. The City of New York has accepted the responsibility for the off-site contamination and a final Site Investigation Work Plan was approved by NYSDEC on February 9, 2009. Field work will begin in the spring of 2009.

Health Problem: All on-site contamination has been remediated through remedial actions completed in 2005-2006. Remedial actions included demolition of all site buildings, removal of all soil to the top of bedrock, and associated dewatering of the site. No contamination is known to exist beneath the top of bedrock. Therefore, all on-site exposures have been

OFF-SITE CLINTON GREEN DEVELOPMENT PROJECT (Continued) **S106906459**

mitigated.A shallow off-site petroleum-contaminated groundwater plume was documented in 1993 (NYSDEC Spill No. 93-08101). Migration of the plume has been limited due to the geology of the area. NYSDEC is currently pursuing the responsible party (Clinton Green OU#2) to investigate and remediate any off-site contamination.

C86 **218249; 747 10TH AVE** **NY Spills** **S110307362**
SSE **747 10TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.084 mi.
441 ft. **Site 17 of 19 in cluster C**

Relative:
Higher

Actual:
31 ft.

SPILLS:

Facility ID:	1107827
DER Facility ID:	390640
Facility Type:	ER
Site ID:	455538
DEC Region:	2
Spill Date:	9/20/2011
Spill Number/Closed Date:	1107827 / 10/20/2011
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	9/20/2011
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/20/2011
Spill Record Last Update:	10/20/2011
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	PETE MIRABILE
Contact Phone:	Not reported
DEC Memo:	statewide oil customer. Unkown oil co pumped #2 oil into tank. Overfill out top of tank to tank room floor. A couple inches is present. Riteway responding with vac truck and 7 men to perform cleanup. Unsure if #2 oil in tank will be pumped or burned. DEC Patel to respond.09/20/11-Hiralkumar Patel.1:36 PM:- spoke with Pete at Riteway. he received call from Statewide oil as the subject site is Statewide Oil's customer. Pete was informed that an unknown oil company delivered about 9,000 gal oil into a 20,000 gal tank. as per super, oil spilled from manway inside the tank room only. no spill at the vent pipe. Pete was informed that there is about 2 inches of product in tank room.alternate addresses: 737-751 10th Ave, 501 W 50th Street, 517 W 50th Street, 525-545 W 50th Street, 500 W 51st

218249; 747 10TH AVE (Continued) **S110307362**

Street, 518 W 51st Street, 534 W 51st StreetPBS #: 2-040541, 2-353612as per PBS #: 2-040541, site has one 40,000 gal #6 oil UST. tank was installed in Jan. 1974. this tank system owned by Hudsonview Terrace Apartment.as per PBS #: 2-353612, site (525 W 50th Street) has two 20,000 gal #6 oil ASTs on legs/saddles. these tank systems owned by NYC Dept. of Education.other spills : 0914426, 1002582spill #: 0914426 was reported on 12/31/2009 by ConEd as 5 gal unknown oil found. case closed.spill #: 1002582 was reported on 06/07/2010 by ConEd as 10 gal unknown oil found in transformer vault. case closed.2:20 PM:- spoke with Frank Arias, building super. he mentioned that two buildings: 547 10th Ave and 525 W 50th Street were built at the same time, but both buildings owned by separate owners. there are some plumbing lines on each building that run into other building, but no connection between tank systems on both properties. Frank mentioned that they have two (2) 20,000 gal #6 oil ASTs on legs/saddles (not one 40,000 gal #6 oil UST as mentioned in PBS). this morning, he found 11,000 gal oil in south tank and now the south tank is full which means 9,000 gal #2 oil was delivered to the south tank. Frank mentioned that the spilled oil is completely contained inside the tank room and no odors in building other than basement. he also confirmed that no odors in adjacent school building. Frank mentioned that they will do necessary adjustment on boiler and will use the #2 oil delivered to the tank. asked him to stop further oil deliveries until the manway is fixed.2nd floor 10019Flora Buckley **property manager**Ph. (212) 265-5868 (O)email: fbuckley@bushterminal.comFrank Arias **building super**Ph. (212) 265-5868 (O) (917) 399-1286email: allpr4u@aol.com2:57 PM;- sent email to Ms. Buckley with copy of PBS form and asked her to correct PBS information. also informed her that PBS registration expires on 12/02/2011. email copied to Frank and DEC Brian.3:30 PM:- visited site. met Frank. inspected tank and boiler rooms for both apartment building and school building. two 20,000 #6 oil ASTs on saddles are located in enclosed tank room within the boiler room. its same design for both buildings. boiler rooms for both buildings have common wall with access into each others area. all four tanks are located along the northern foundation wall of the buildings, along W 51st street. fill ports and vent pipes for both buildings are located on southern sidewalk of W 51st Street. tanks and boilers for both buildings are located in sub-basement (lowest point in buildings).on street level, there is a private parking garage (ICON Parking) between the apartment building and school building. the school’s tank/boiler rooms are located right underneath the apartment building area, east of private parking garage. no odors noticed in apartment building or in parking garage. the main school building is more than 500 ft west of their tank/boiler room.both tank sets are located next to each other with a block wall in between. Frank mentioned that they are only using south tank and the north tank is completely empty, but not abandoned. north tank is ready to be used at any time. mixture of #2 and #6 oil spilled from a manway on top of south tank. as there is block wall on west and south side of tank room, oil seeped through block wall into apartment building’s boiler room and into school’s tank room. there is a sump located in northwest corner of the apartment’s boiler room and minor oil found into this sump. there is another sump right across the wall from apartment’s boiler room sump, in the northeast corner of the school’s boiler room. no oil found in shcool’s boiler room sump.90% of the shcool’s tank room is within the apartment’s boiler room footprint. and that could be the reason for

218249; 747 10TH AVE (Continued) **S110307362**

not having any oil in school's boiler room sump. Frank mentioned that the floor underneath the both tank/boiler rooms is more than 1 ft thick (the main floor for 38 floor apartment building).Riteway crew was on site pumping oil from tank rooms. inspected remote fill port/vent pipe for both apartment building and school. no sign of any release at any fill port or vent pipe. asked Frank either to fix manway immediately or seal the fill port for south tank. Frank mentioned that Riteway will replace manway cover before leaving the site today.during inspection of the school's tanks, found leak from manway of the north tank.all the lines to and from both tank sets runs aboveground except part of remote fill line runs under sidewalk.Frank mentioned that due to sidewalk shed along W 51st Street, no one from aprtment building noticed truck delivering oil to the tank.based on available ACRIS record, entire site (including apartment building, parking garage and school) owned by NYC Dept. of Education and then the apartment building portion was leased to Hudsonview Terrace Apartment.09/21/11-Hiralkumar Patel.9:13 AM:- spoke with Frank. he confirmed that oil in apartment's tank and boiler room was cleaned yesterday and Riteway tank is on-site now to cleanup oil in school's tank room.09/23/11-Hiralkumar Patel.3:58 PM:- spoke with Pete at Riteway. he mentioned that spill in school's tank room is cleaned. but they are still cleaning up contaminated material (mostly dirt) in the building's tank room.09/26/11-Hiralkumar Patel.3:00 PM:- visited site. met Frank. inspected both tank rooms and boiler rooms. found mostly water inside the school's tank room and some minor oil droplets. found some oil in apartment building's tank and boiler room. no odors noticed in any area. oil found in basement could be oil left in block walls. asked Frank to have all oil cleaned up. he will talk to Riteway.09/27/11-Hiralkumar Patel.1:35 PM:- spoke with Pete at Riteway. he mentioned that Riteway crew is on site cleaning up the remaining oil.10/20/11-Hiralkumar Patel.1:12 PM:- spoke with Pete at Riteway who confirmed that cleanup was completed.based on available information and observations during site visits, case closed.

Remarks: over fill at apt. complex/vac truck and crew en route/spill contained to tank room

Material:

Site ID:	455538
Operable Unit ID:	1205688
Operable Unit:	01
Material ID:	2202620
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0914426
DER Facility ID:	388717

218249; 747 10TH AVE (Continued) **S110307362**

Facility Type:	ER
Site ID:	433838
DEC Region:	2
Spill Date:	8/31/2009
Spill Number/Closed Date:	0914426 / 9/3/2009
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	DMPOKRZY
Referred To:	Not reported
Reported to Dept:	12/31/2009
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/27/2010
Spill Record Last Update:	4/27/2010
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	5030 BROADWAY
Spiller City,St,Zip:	New York, NY
Spiller Company:	001
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	Not reported
Remarks:	Not reported

Material:

Site ID:	433838
Operable Unit ID:	1184687
Operable Unit:	01
Material ID:	2178989
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	1002582
DER Facility ID:	390640
Facility Type:	ER
Site ID:	435743

218249; 747 10TH AVE (Continued) **S110307362**

DEC Region:	2
Spill Date:	6/7/2010
Spill Number/Closed Date:	1002582 / 6/17/2010
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	6/7/2010
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/7/2010
Spill Record Last Update:	6/17/2010
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	6/17/10 - Austin - Leaking vault transformer drained and removed - Spill contained and cleaned up by Con Edison - see eDocs for more information - Spill closed - end
Remarks:	10 gallons of unk oil in transformer vault

Material:

Tank Test:

C87 **MANHOLE #62183** **NY Spills** **S103485136**
SSE **WEST 51ST ST & 10TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.084 mi.
441 ft. **Site 18 of 19 in cluster C**

Relative:
Higher

Actual:
31 ft.

SPILLS:

Facility ID:	9808452
DER Facility ID:	193785
Facility Type:	ER
Site ID:	235275
DEC Region:	2
Spill Date:	10/8/1998
Spill Number/Closed Date:	9808452 / 11/4/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	CAENGELH

MANHOLE #62183 (Continued) **S103485136**

Referred To:	Not reported
Reported to Dept:	10/8/1998
CID:	366
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/8/1998
Spill Record Last Update:	11/12/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	JOE DEVOTI
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"e2mis 120402Logger: Louis Cook (15851)Date 10/8/98Description: On 10/8/98 C. Keohane (12318) Senior Elec. Tech and I. Martinez (54385) Sr. Elec. Tech. found 5 gallons of oil on top 5000 gallons of watercontained inside mh 62183 for feeder 38M75L&M.. Cathodic protection testing was performed. No oil entered the sewers or waterways. REFERRED TO S&TOTHROUGH EMAIL NOTIFICATION"SMALL OIL SPILL Con Edison Incident No. _120402_____CLEANUP CHECKLIST NYSDEC Spill No. _____Name of person completing checklist: R TREMBERGER, SPLICER, 52045, H WATSON, SUPERVISOR, 10161Con Edison Operating Department responsible for spill cleanup:(1) A small oil spill is a spill of oil containing less than 50 ppm PCBs that does not meet the criteria for a de minimis spill and satisfies either of the followingconditions:? It is totally contained in an impervious structure, such as a manhole, vault, or moat, or? It meets all of the following criteria:- No sewer or waterway is affected, and- No private property is affected, and- No personal injuries are involved, and- Cleanup is completed within 72 hours of the spill discovery, and- Less than 50 gallons of oil, petroleum product of any kind, or dielectric fluid is spilled.(2) Material spilled/discovered:0 Oil (type); PCB concentration: less than 50 ppm; known / unknown.X Dielectric fluid; PCB concentration: less than 50 ppm; known / unknown.If unknown PCB concentration, was sample collected? X Yes 0 NoEnvironmental Detailed Incident Report(3) Sample submitted for analysis? X Yes Sample ID No. 98-10824 0 NoFor what parameters? X PCB 0 Benzene 0 Other ParametersCopy of chain of custody form attached? 0 Yes 0 No(4) Amount spilled/discovered: 5 GALLONS If leak/spill is continuing, rate N/A(5) When was spill discovered? Date: 10/08/98 Time 11:05(6) Location of spill. (Be as precise as possible. Include cross streets, manhole numbers, equipment box numbers, etc., as appropriate.)MANHOLE 62183W 51ST 400' N/N/C 10TH AVE0 Sketch attached(7) Source/cause of spill. (Be as precise as possible. Include equipment numbers, if possible.)N/A SHEENX Unknown(8) Description of area affected by spill (include dimensions as appropriate)(9) Containment/Cleanup Activities (per GEI 2.11, 2.13, 2.16, 3.2, or 3.3) 0 Sketches attached.0 Tightened valve.0 Placed

MANHOLE #62183 (Continued) **S103485136**

drip plan.0 Sealed leak.0 Blocked nearby sewers/drains with spill kits.0 Removed/recovered liquid/solids.0 Used absorbents to remove residual fluids.0 Removed contaminated vegetation.X Removed visible traces of oil.X Washed stained areas.0 Excavated contaminated soil, bluestone.0 Other0 See attached contractor report.(10) Identify who performed cleanup:0 Con Edison personnel/department?X Name of contractor: CLEAN HARBORS, INC.0 Contractor report attached.(11) Cleanup completed on Date: 10/09/98 Time*: 13:00*Note: If the cleanup is completed more than 72 hours after the spill was discovered, the spill is a large oil spill.(12) Con Edison personnel directing cleanup: H WATSON, SUPERVISOR,10161ENTERED BY: E MCQUEEN, 45223, 11/05/98

Remarks: CALLER REPORTING THAT WORKERS FOUND UNKNOWN PETROLEUM IN MANHOLE. ESTIMATE OIL TO BE APPROX 5 GALS IN 5000 GALS OF WATER.CON ED #120402.

Not reported

Material:

Site ID:	235275
Operable Unit ID:	1069645
Operable Unit:	01
Material ID:	315960
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

B88 **BELL ATLANTIC** **NY HIST UST** **U003074750**
NNW **766-770 11TH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.084 mi.
442 ft. **Site 6 of 8 in cluster B**

Relative:
Higher

Actual:
26 ft.

HIST UST:

PBS Number:	2-344710
SPDES Number:	Not reported
Emergency Contact:	BELL ATLANTIC
Emergency Telephone:	(800) 386-9639
Operator:	BELL ATLANTIC
Operator Telephone:	(800) 696-3973
Owner Name:	BELL ATLANTIC
Owner Address:	221 EAST 37TH STREET, 4TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10016
Owner Telephone:	(800) 386-9639
Owner Type:	Corporate/Commercial
Owner Subtype:	New York Telephone
Mailing Name:	BELL ATLANTIC
Mailing Address:	221 EAST 37TH STREET, 4TH FLOOR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10016
Mailing Contact:	MS. KATHLEEN TOBIN

BELL ATLANTIC (Continued) **U003074750**

Mailing Telephone:	(212) 338-6731
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	766 11TH AVENUE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	UTILITY
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999
Expiration Date:	12/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	12280
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	08/01/1987
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	05/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

BELL ATLANTIC (Continued) **U003074750**

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	11/01/1987
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	05/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	08/01/1987
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	05/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	In Service

BELL ATLANTIC (Continued) **U003074750**

Install Date:	19930701
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	High Level Alarm, Automatic Shut-Off
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19930801
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	High Level Alarm, Automatic Shut-Off
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

C89
SSE
< 1/8
0.084 mi.
446 ft.

CONSTRUCTION SITE
51ST AND 52ND ON 10TH AVE
NEW YORK, NY

Site 19 of 19 in cluster C

NY Spills **S106866984**
N/A

Relative:
Higher

Actual:
31 ft.

SPILLS:

Facility ID:	0412733
DER Facility ID:	273655
Facility Type:	ER
Site ID:	338314
DEC Region:	2
Spill Date:	3/4/2005
Spill Number/Closed Date:	0412733 / 5/5/2005
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	3/4/2005
CID:	409
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/4/2005
Spill Record Last Update:	7/5/2006
Spiller Name:	STEVEN TING
Spiller Company:	ENCORE WEST RESIDENCE
Spiller Address:	UNKNOWN
Spiller City,St,Zip:	UNKNOWN, ZZ
Spiller Company:	001
Contact Name:	DAVID WINSLOW
Contact Phone:	(212) 594-8140
DEC Memo:	3/9/05analyticals came back clean , excavation continuing...05/05/05 tipple reviewed report, GZA, supplied digital color photos via e-mail to supliment black and white photos in report showing ash and coal debris in excavation. No further action necessary//
Remarks:	DETECTED ODORS DURING EXCAVATION OF FOUNDATION.

Material:

Site ID:	338314
Operable Unit ID:	1100263
Operable Unit:	01
Material ID:	580539
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

CONSTRUCTION SITE (Continued) **S106866984**

Oxygenate: False

Tank Test:

H90 **11TH AVE BETWEEN 53 AND** **NY Spills** **S103827567**
NW **11TH AVE BET 53RD,54TH ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.085 mi.
450 ft. **Site 1 of 6 in cluster H**

Relative:
Higher

Actual:
26 ft.

SPILLS:

Facility ID:	9813102
DER Facility ID:	138705
Facility Type:	ER
Site ID:	164515
DEC Region:	2
Spill Date:	1/25/1999
Spill Number/Closed Date:	9813102 / 2/13/2003
Spill Cause:	Abandoned Drums
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. (Highly Improbable)
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1/25/1999
CID:	282
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/25/1999
Spill Record Last Update:	11/5/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	SAME
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	MR FATIMILEHIN
Contact Phone:	(718) 595-4799
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"02/13/2003-Closed Due To The Nature / Extent Of The Spill Report.
Remarks:	55 GALLON DRUM WAS ABANDONED IN THE SIDEWALK IN THE AREA.ABOUT 10 GALLONS OF A SUBSTANCE REMAIN IN THE BARREL.ON THE SIDE OF THE BARREL THERE IS CORROSIVE MARKER.FIRE DEPT IS NOT ON THE SCENE .DRUM IS NOT LEAKING**********

Material:

Site ID:	164515
Operable Unit ID:	1073552
Operable Unit:	01
Material ID:	313379

11TH AVE BETWEEN 53 AND (Continued) **S103827567**

Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

B91 **NEW YORK TELEPHONE CO** **RCRA-CESQG 1000791567**
NNW **770 11TH AVE** **FINDS NYD987030806**
< 1/8 **NEW YORK, NY 10019** **NY MANIFEST**
0.086 mi.
455 ft. **Site 7 of 8 in cluster B**

Relative:
Higher

Actual:
26 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	NEW YORK TELEPHONE CO
Facility address:	770 11TH AVE NEW YORK, NY 10019
EPA ID:	NYD987030806
Mailing address:	11TH AVE NEW YORK, NY 10019
Contact:	KENNY JAMES
Contact address:	11TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	(212) 767-8120
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NEW YORK TELEPHONE CO
Owner/operator address:	770 11TH AVE NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private

NEW YORK TELEPHONE CO (Continued) **1000791567**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NEW YORK TELEPHONE CO
Owner/operator address: 770 11TH AVE
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NEW YORK TELEPHONE CO
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/15/1993
Facility name: NEW YORK TELEPHONE CO
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004502574

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

NEW YORK TELEPHONE CO (Continued) **1000791567**

EPA ID:	NYD987030806
Country:	USA
Mailing Name:	NEW YORK TELEPHONE
Mailing Contact:	KENNY JAMES
Mailing Address:	770 111TH AVE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-767-8120

Document ID:	NJA3192783
Manifest Status:	Not reported
Trans1 State ID:	NYD980761191
Trans2 State ID:	Not reported
Generator Ship Date:	05/25/2001
Trans1 Recv Date:	05/25/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/01/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987030806
Trans1 EPA ID:	NJD002200046
Trans2 EPA ID:	Not reported
TSDF ID:	S50060
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2001

Document ID:	NJA2849677
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	Not reported
Generator Ship Date:	01/08/1998
Trans1 Recv Date:	01/08/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/08/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987030806
Trans1 EPA ID:	NJD000768093
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)

NEW YORK TELEPHONE CO (Continued) **1000791567**

Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00007
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	98

Document ID:	NJA2704163
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	970813
Trans1 Recv Date:	970813
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970814
Part A Recv Date:	Not reported
Part B Recv Date:	970829
Generator EPA ID:	NYD987030806
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00007
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	97

Document ID:	NYG1626975
Manifest Status:	Not reported
Trans1 State ID:	42720AC
Trans2 State ID:	Not reported
Generator Ship Date:	04/09/2004
Trans1 Recv Date:	04/09/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/12/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987030806
Trans1 EPA ID:	NYD064743263
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785

NEW YORK TELEPHONE CO (Continued) **1000791567**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00530
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01650
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

B92 **FORMER VERIZON FACILITY** **NY TANKS** **S108639889**
NNW **770 11TH AVE** **NY Spills** **N/A**
< 1/8 **NEW YORK, NY**
0.086 mi.
455 ft. **Site 8 of 8 in cluster B**

Relative:
Higher

Actual:
26 ft.

TANKS:

Facility Id:	2-344710
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2016/04/01
UTM X:	584969.07585000002
UTM Y:	4513492.6090399995

SPILLS:

Facility ID:	0703518
DER Facility ID:	332931
Facility Type:	ER
Site ID:	383476
DEC Region:	2
Spill Date:	6/26/2007
Spill Number/Closed Date:	0703518 / 6/20/2008
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	6/26/2007
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0

FORMER VERIZON FACILITY (Continued) **S108639889**

Date Entered In Computer:	6/26/2007
Spill Record Last Update:	6/20/2008
Spiller Name:	JEFF BOHLEN
Spiller Company:	FORMER VERIZON FACILITY
Spiller Address:	770 11TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	JEFF BOHLEN
Contact Phone:	(631) 924-3001
DEC Memo:	Sangesland played "phone tag" with Jeff Bohlen of Envirotrac. He said they removed a buried tank from the basement of the building and found contaminated soil. He said the contamination was confined by a historical subfloor/foundation structure from an old previous building on the site. Unknown if end point samples were taken (Sangesland did tell Mr. Bohlen that end points would be required). Sangesland asked Jeff Bohlen to contact Jeff Vought at the DEC directly for specific instructions to close out the case.A CSL Letter was NOT sent.06/20/08-Hiralkumar Patel. duplicate spill. case closed. refer to spill #: 0706546.
Remarks:	FOUND CONTAMINATED SOIL UNDER DISPENSERS

Material:

Site ID:	383476
Operable Unit ID:	1140820
Operable Unit:	01
Material ID:	2130924
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	383476
Operable Unit ID:	1140820
Operable Unit:	01
Material ID:	2130925
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

E93 **CON EDISON** **NY MANIFEST** **S112210912**
ESE **450 W 53 ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.086 mi.
456 ft. **Site 20 of 23 in cluster E**

Relative:
Higher

Actual:
37 ft.

NY MANIFEST:

EPA ID:	NYP004271144
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-02
Trans1 Recv Date:	2012-10-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271144
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457279JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

G94 **CON EDISON** **NY MANIFEST** **S112210903**
West **727 11TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.089 mi.
471 ft. **Site 4 of 8 in cluster G**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:

EPA ID:	NYP004271052
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271052
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457235JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210903**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271052
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457235JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

F95 **MOBIL S/S #17-JWN** **NY Spills** **S111318672**
WSW **718 11TH AVENUE** **N/A**
< 1/8 **MANHATTAN, NY**
0.091 mi.
483 ft. **Site 4 of 9 in cluster F**

Relative:
Higher

Actual:
26 ft.

SPILLS:

Facility ID:	0206262
DER Facility ID:	292438
Facility Type:	ER
Site ID:	233469
DEC Region:	2
Spill Date:	9/17/2002
Spill Number/Closed Date:	0206262 / 7/11/2003
Spill Cause:	Unknown
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	9/17/2002
CID:	270
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons

MOBIL S/S #17-JWN (Continued) **S111318672**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/17/2002
Spill Record Last Update:	9/10/2003
Spiller Name:	JOANN WALLACH
Spiller Company:	EXXON MOBIL
Spiller Address:	1900 EAST LINDEN AV
Spiller City,St,Zip:	LINDEN, NJ 11590
Spiller Company:	001
Contact Name:	CALLER
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"Reassigned from DEC Sigona on August 4, 2003, as per Letter fromP. David Smith, Bureau Director, Remedial Bureau B.This spill has been consolidated under spill No. 8904939Spill Investigation Nos. 8904939, 9009654, 9400944, 9505594, 0007323 & 0206262, Mobil S/S, 718 11th Avenue, New York, N.Y. - Petroleum Bulk Storage (PBS) facility No. 2-157899.A written notice was issued to ExxonMobil by Anthony Sigona on Sept 17, 2002, regarding required actions.
Remarks:	Caller detected vapors at location. anthony sagona notified and advised caller to call hot line. venting w/fans Vacuuming wells and collecting summa canisters

Material:

Site ID:	233469
Operable Unit ID:	857743
Operable Unit:	01
Material ID:	516878
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0405537
DER Facility ID:	292438
Facility Type:	ER
Site ID:	154666
DEC Region:	2
Spill Date:	8/20/2004
Spill Number/Closed Date:	0405537 / 12/22/2006
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101

MOBIL S/S #17-JWN (Continued) **S111318672**

Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	8/20/2004
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/20/2004
Spill Record Last Update:	12/22/2006
Spiller Name:	FRANK MESSINA
Spiller Company:	MOBILE # 17JN
Spiller Address:	718 11TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	FRANK MESSINA
Contact Phone:	(908) 730-2055
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"12/22/2006: Consolidated with spill no. 89-04939. (Harrington)
Remarks:	GROUND WATER SAMPLING, FOUND FREE PRODUCT IN TANK FIELD WELL: GOING TO INCLUDE TANK FIELD WELL, SPOKE WITH DAVE HARRINGTON FROM DEC ALREADY:

Material:

Site ID:	154666
Operable Unit ID:	889091
Operable Unit:	01
Material ID:	489773
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	154666
Operable Unit ID:	889091
Operable Unit:	01
Material ID:	489772
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

MOBIL S/S #17-JWN (Continued) **S111318672**

Tank Test:

Facility ID:	0501922
DER Facility ID:	292438
Facility Type:	ER
Site ID:	346182
DEC Region:	2
Spill Date:	5/17/2005
Spill Number/Closed Date:	0501922 / 10/31/2005
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	5/17/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/17/2005
Spill Record Last Update:	10/31/2005
Spiller Name:	FRANK MESSINA
Spiller Company:	EXXON MOBIL CORPORATION
Spiller Address:	1545 ROUTE 22 EAST
Spiller City,St,Zip:	ANNANDALE, NJ 08801
Spiller Company:	001
Contact Name:	RALPH
Contact Phone:	(845) 561-9890
DEC Memo:	10/31/2005: Received October 2005 "Station Upgrade Activity Report" from GSC|Kleinfelder. Contamination remediated as part of station regrade activities. Overall site remediation is being tracked under spill no. 89-04939. (Harrington)
Remarks:	FOUND WHILE EXCAVATING AT THIS SITE

Material:

Site ID:	346182
Operable Unit ID:	1103917
Operable Unit:	01
Material ID:	584121
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

MOBIL S/S #17-JWN (Continued) **S111318672**

Tank Test:

Facility ID:	1109808
DER Facility ID:	412073
Facility Type:	ER
Site ID:	457592
DEC Region:	2
Spill Date:	11/4/2011
Spill Number/Closed Date:	1109808 / 11/8/2011
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	11/4/2011
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/4/2011
Spill Record Last Update:	11/8/2011
Spiller Name:	TOM COLLIGAN
Spiller Company:	SAFETY CLEAN
Spiller Address:	718 11TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	999
Contact Name:	TOM COLLIGAN
Contact Phone:	(908) 791-9600
DEC Memo:	Spill cleaned up by contractor. Spill closed.
Remarks:	Waste oil service spilled during while on loading into truck. Spilled onto blacktop. Enviornmental service company enroute for cleanup. No sewers involved/contained.

Material:

Site ID:	457592
Operable Unit ID:	1207720
Operable Unit:	01
Material ID:	2205015
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

MOBIL S/S #17-JWN (Continued) **S111318672**

Tank Test:

G96 **725 11TH AVENUE** **NY AST** **A100178313**
West **725 11 TH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.092 mi.
485 ft. **Site 5 of 8 in cluster G**

Relative:
Higher

Actual:
24 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606097
Program Type:	PBS
UTM X:	584889.00905999995
UTM Y:	4513334.76088
Expiration Date:	2016/06/26

Affiliation Records:

Site Id:	27962
Affiliation Type:	Facility Owner
Company Name:	VINCENT DOWNING C/O AJ CLARKE RE CORP
Contact Type:	AGENT
Contact Name:	STEPHEN DENARDO
Address1:	1881 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 541-4477
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	4/5/2011

Site Id:	27962
Affiliation Type:	On-Site Operator
Company Name:	725 11TH AVENUE
Contact Type:	Not reported
Contact Name:	SAL MOLINARO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 496-0839
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27962
Affiliation Type:	Emergency Contact
Company Name:	VINCENT DOWNING C/O THE KINSEY CORP.
Contact Type:	Not reported

725 11TH AVENUE (Continued) **A100178313**

Contact Name:	SAL MOLINARO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 451-2595
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27962
Affiliation Type:	Mail Contact
Company Name:	AJ CLARKE RE CORP
Contact Type:	Not reported
Contact Name:	STEPHEN DENARDO
Address1:	1881 BROADWAY
Address2:	4TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 541-4477
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	4/5/2011

Tank Info:

Tank Number:	001
Tank Id:	60956
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I05 - Overfill - Vent Whistle
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/23/1953
Capacity Gallons:	1500
Tightness Test Method:	NN

725 11TH AVENUE (Continued) **A100178313**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	03/24/2011

E97 **CON EDISON** **NY MANIFEST** **S112210913**
ESE **448 W 53RD ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.092 mi.
487 ft. **Site 21 of 23 in cluster E**

Relative:
Higher

Actual:
38 ft.

NY MANIFEST:

EPA ID:	NYP004271151
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271151
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457312JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N

CON EDISON (Continued) **S112210913**

Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271151
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457312JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

F98 **LOT 61,TAXBLOCK 1079** **NY E DESIGNATION** **S111072980**
WSW **720 11 AVENUE** **N/A**
< 1/8 **MANHATTAN, NY 10019**
0.092 mi.
487 ft. **Site 5 of 9 in cluster F**

Relative:
Higher

Actual:
25 ft.

E DESIGNATION:

Tax Lot(s):	61
E-No:	E-268
Effective Date:	6/14/2011
Satisfaction Date:	Not reported
Ceqr Number:	11DCP068M
Ulurp Number:	110177ZMM
Zoning Map No:	8c
Description:	Air Quality - HVAC fuel limited to natural gas
Borough Code:	MN
Community District:	104

LOT 61,TAXBLOCK 1079 (Continued) **S111072980**

Census Tract:	135
Census Block:	2005
School District:	02
City Council District:	03
Fire Company:	E054
Health Area:	15
Police Precinct:	018
Zone District 1:	M1-5
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	CL
Special Purpose District2:	Not reported
All Components1:	M1-5/CL
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G5
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	MOBIL OIL CORPORATIO
Lot Area:	000004014
Total Building Floor Area:	00000001280
Commercial Floor Area:	00000001280
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001280
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.17
Lot Depth:	0080.00
Building Frontage:	0037.00
Building Depth:	0046.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000168750
Total Assessed Value:	00000244125
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1958
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.32
Maximum Allowable Far:	5.00
Borough Code:	1
Borough Tax Block And Lot:	1010790061

LOT 61,TAXBLOCK 1079 (Continued) **S111072980**

Condominium Number:	00000
Census Tract 2:	0135
X Coordinate:	0985907
Y Coordinate:	0218436
Zoning Map:	08C
Sanborn Map:	105N052
Tax Map:	10405
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	61
E-No:	E-268
Effective Date:	6/14/2011
Satisfaction Date:	Not reported
Ceqr Number:	11DCP068M
Ulurp Number:	110177ZMM
Zoning Map No:	8c
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	MN
Community District:	104
Census Tract:	135
Census Block:	2005
School District:	02
City Council District:	03
Fire Company:	E054
Health Area:	15
Police Precinct:	018
Zone District 1:	M1-5
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	CL
Special Purpose District2:	Not reported
All Components1:	M1-5/CL
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G5
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	MOBIL OIL CORPORATIO
Lot Area:	000004014
Total Building Floor Area:	00000001280
Commercial Floor Area:	00000001280
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001280
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000

LOT 61,TAXBLOCK 1079 (Continued) **S111072980**

Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.17
Lot Depth:	0080.00
Building Frontage:	0037.00
Building Depth:	0046.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000168750
Total Assessed Value:	00000244125
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1958
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.32
Maximum Allowable Far:	5.00
Borough Code:	1
Borough Tax Block And Lot:	1010790061
Condominium Number:	00000
Census Tract 2:	0135
X Coordinate:	0985907
Y Coordinate:	0218436
Zoning Map:	08C
Sanborn Map:	105N052
Tax Map:	10405
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	61
E-No:	E-268
Effective Date:	6/14/2011
Satisfaction Date:	Not reported
Ceqr Number:	11DCP068M
Ulurp Number:	110177ZMM
Zoning Map No:	8c
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	MN
Community District:	104
Census Tract:	135

LOT 61,TAXBLOCK 1079 (Continued) **S111072980**

Census Block:	2005
School District:	02
City Council District:	03
Fire Company:	E054
Health Area:	15
Police Precinct:	018
Zone District 1:	M1-5
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	CL
Special Purpose District2:	Not reported
All Components1:	M1-5/CL
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G5
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	MOBIL OIL CORPORATIO
Lot Area:	000004014
Total Building Floor Area:	00000001280
Commercial Floor Area:	00000001280
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001280
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.17
Lot Depth:	0080.00
Building Frontage:	0037.00
Building Depth:	0046.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000168750
Total Assessed Value:	00000244125
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1958
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.32
Maximum Allowable Far:	5.00
Borough Code:	1
Borough Tax Block And Lot:	1010790061
Condominium Number:	00000

LOT 61,TAXBLOCK 1079 (Continued) **S111072980**

Census Tract 2:	0135
X Coordinate:	0985907
Y Coordinate:	0218436
Zoning Map:	08C
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E Designation No:	Not reported
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Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

I99 **AT&T WEB HOSTING & COMM OPERATIONS** **RCRA-CESQG** **1000392652**
ENE **811 10TH AVE** **FINDS** **NYD980645832**
< 1/8 **NEW YORK, NY 10019** **NY MANIFEST**
0.094 mi. **NY Spills**
496 ft. **Site 1 of 24 in cluster I** **US AIRS**

Relative:
Higher

Actual:
35 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	A T & T CORP
Facility address:	811 10TH AVE NEW YORK, NY 100195042
EPA ID:	NYD980645832
Mailing address:	W MONROE SUITE 2240 CHICAGO, NY 60606
Contact:	Not reported
Contact address:	W MONROE SUITE 2240 CHICAGO, NY 60606
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	A T & T CORP

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Owner/operator address: 295 MAPLE AVE
BASKING RIDGE, NJ 07920
Owner/operator country: US
Owner/operator telephone: (201) 645-4113
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: A T & T CORP
Owner/operator address: 295 MAPLE AVE
BASKING RIDGE, NJ 07920
Owner/operator country: US
Owner/operator telephone: (201) 645-4113
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: A T & T CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/02/1998
Facility name: A T & T CORP
Site name: AT&T CORP
Classification: Large Quantity Generator

Date form received by agency: 01/15/1998
Facility name: A T & T CORP
Classification: Small Quantity Generator

Date form received by agency: 01/15/1998
Facility name: A T & T CORP
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Area of violation: Generators - General
Date violation determined: 09/08/2000
Date achieved compliance: 10/10/2001
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/19/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/30/1993
Date achieved compliance: 01/25/1996
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 08/04/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1200
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/30/1993
Date achieved compliance: 01/25/1996
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 01/25/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 600
Paid penalty amount: 600

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/03/1984
Date achieved compliance: 08/24/1984
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/03/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/08/2000

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/10/2001
Evaluation lead agency: EPA

Evaluation date: 04/30/1993
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 01/25/1996
Evaluation lead agency: State

Evaluation date: 02/03/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/24/1984
Evaluation lead agency: State

FINDS:

Registry ID: 110000874509

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include;

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NY MANIFEST:

EPA ID:	NYD980645832
Country:	USA
Mailing Name:	AMERICAN TELEPHONE & TELEGRAPH
Mailing Contact:	R J HEARN
Mailing Address:	440 HAMILTON AVE
Mailing Address 2:	Not reported
Mailing City:	WHITE PLAINS
Mailing State:	NY
Mailing Zip:	10601
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	201-388-7933

Document ID:	ARA9562710
Manifest Status:	Not reported
Trans1 State ID:	OHD009865825
Trans2 State ID:	Not reported
Generator Ship Date:	06/23/1998
Trans1 Recv Date:	06/24/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/24/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	ARD069748192
Trans2 EPA ID:	Not reported
TSDF ID:	H0902205
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01204
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	PAE8331831
Manifest Status:	Completed copy
Trans1 State ID:	PAAH0315
Trans2 State ID:	Not reported
Generator Ship Date:	971027
Trans1 Recv Date:	971027
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971029
Part A Recv Date:	980603
Part B Recv Date:	971113
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	PAD987367216
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Quantity:	00343
Units:	P - Pounds
Number of Containers:	013
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	97

Document ID:	NJA2783059
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	12/11/1998
Trans1 Recv Date:	12/11/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/11/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00050
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	U075 - DICHLORODIFLUOROMETHANE
Quantity:	00060
Units:	P - Pounds
Number of Containers:	002
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00600
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00030
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	NJA2783059
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Trans2 State ID:	Not reported
Generator Ship Date:	12/11/1998
Trans1 Recv Date:	12/11/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/11/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	U226 - 1,1,1-TRICHLOROETHANE
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	98

Document ID:	PAG0344805
Manifest Status:	Not reported
Trans1 State ID:	PAD014146179
Trans2 State ID:	Not reported
Generator Ship Date:	12/20/1999
Trans1 Recv Date:	12/20/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/21/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	PAD987367216
Trans2 EPA ID:	Not reported
TSDF ID:	PAAH0056
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Quantity: 00400
Units: P - Pounds
Number of Containers: 039
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 99

Document ID: MAH4435180
Manifest Status: Completed copy
Trans1 State ID: CTD983896
Trans2 State ID: 45069MR
Generator Ship Date: 960427
Trans1 Recv Date: 960427
Trans2 Recv Date: 960429
TSD Site Recv Date: 960502
Part A Recv Date: Not reported
Part B Recv Date: 960515
Generator EPA ID: NYD980645832
Trans1 EPA ID: CTD983896341
Trans2 EPA ID: MAD019371079
TSDF ID: MAD019371079
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00600
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 96

Document ID: NYG5015151
Manifest Status: Not reported
Trans1 State ID: IND058484114
Trans2 State ID: Not reported
Generator Ship Date: 12/05/2005
Trans1 Recv Date: 12/05/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/17/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980645832
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: OHD980613541
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00300
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00050
Units: P - Pounds

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	NJA1882810
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPE632
Trans2 State ID:	Not reported
Generator Ship Date:	940623
Trans1 Recv Date:	940623
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940623
Part A Recv Date:	940714
Part B Recv Date:	940713
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	NJD991291584
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00280
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94

Document ID:	NJA1255621
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS632
Trans2 State ID:	Not reported
Generator Ship Date:	920313
Trans1 Recv Date:	920313
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920313
Part A Recv Date:	920323
Part B Recv Date:	920406
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	NJD991291584
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00960
Units:	P - Pounds
Number of Containers:	024
Container Type:	CF - Fiber or plastic boxes, cartons

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01600
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA2562099
Manifest Status:	Completed copy
Trans1 State ID:	S10342
Trans2 State ID:	Not reported
Generator Ship Date:	970214
Trans1 Recv Date:	970214
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970214
Part A Recv Date:	970310
Part B Recv Date:	970227
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	NJD000813477
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002454544
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00015
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00025
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Document ID:	NJA2562100
Manifest Status:	Completed copy
Trans1 State ID:	S10342
Trans2 State ID:	Not reported
Generator Ship Date:	970214
Trans1 Recv Date:	970214
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970214
Part A Recv Date:	970310
Part B Recv Date:	970227
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	NJD000813477
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002454544
Waste Code:	F005 - UNKNOWN
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00030
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	PAE8710365
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	PAAH0414
Trans2 State ID:	PAAH0414
Generator Ship Date:	970708
Trans1 Recv Date:	970708
Trans2 Recv Date:	970711
TSD Site Recv Date:	970722
Part A Recv Date:	970805
Part B Recv Date:	970811
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	CTD982191942
Trans2 EPA ID:	CTD982191942
TSDF ID:	PAD010154045
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00240
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Handling Method: L Landfill.
Specific Gravity: 100
Year: 97

Document ID: PAC7984502
Manifest Status: Not reported
Trans1 State ID: PAD014146179
Trans2 State ID: Not reported
Generator Ship Date: 04/16/1998
Trans1 Recv Date: 04/16/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980645832
Trans1 EPA ID: PAD987367216
Trans2 EPA ID: Not reported
TSDF ID: PAAH0056
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00240
Units: P - Pounds
Number of Containers: 024
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 98

Document ID: PAE8333555
Manifest Status: Not reported
Trans1 State ID: PAD014146179
Trans2 State ID: Not reported
Generator Ship Date: 01/28/1998
Trans1 Recv Date: 01/28/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/30/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980645832
Trans1 EPA ID: PAD987367216
Trans2 EPA ID: Not reported
TSDF ID: PAAH0056
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00400
Units: P - Pounds
Number of Containers: 018
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: PAE9447826
Manifest Status: Not reported
Trans1 State ID: PAD014146179
Trans2 State ID: Not reported

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Generator Ship Date:	06/25/1998
Trans1 Recv Date:	06/25/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/26/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	PAD987367216
Trans2 EPA ID:	Not reported
TSDF ID:	PAAH0056
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00306
Units:	P - Pounds
Number of Containers:	017
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	98

Document ID:	PAG0340270
Manifest Status:	Not reported
Trans1 State ID:	PAD014146179
Trans2 State ID:	Not reported
Generator Ship Date:	11/30/1998
Trans1 Recv Date:	11/30/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/01/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	PAD987367216
Trans2 EPA ID:	Not reported
TSDF ID:	PAAH0056
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00100
Units:	P - Pounds
Number of Containers:	021
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	98

Document ID:	NYG5015151
Manifest Status:	Not reported
Trans1 State ID:	IND058484114
Trans2 State ID:	Not reported
Generator Ship Date:	12/05/2005
Trans1 Recv Date:	12/05/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/17/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

TSDF ID:	OHD980613541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00300
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00050
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	Not reported
Year:	2005

Document ID:	ARA7340240
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	0902205
Trans2 State ID:	Not reported
Generator Ship Date:	970617
Trans1 Recv Date:	970617
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970629
Part A Recv Date:	Not reported
Part B Recv Date:	970725
Generator EPA ID:	NYD980645832
Trans1 EPA ID:	OHD009865825
Trans2 EPA ID:	Not reported
TSDF ID:	ARD069748192
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	02808
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

SPILLS:

Facility ID:	0912497
DER Facility ID:	374285
Facility Type:	ER
Site ID:	425387
DEC Region:	2
Spill Date:	3/1/2010
Spill Number/Closed Date:	0912497 / 4/1/2010
Spill Cause:	Unknown

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	Con Ed Unassigned
Referred To:	Not reported
Reported to Dept:	3/1/2010
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/1/2010
Spill Record Last Update:	4/1/2010
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Company:	Not reported
Contact Name:	ERT
Contact Phone:	(212) 580-8383
DEC Memo:	04/01/10 - See eDocs for Con Ed report detailing cleanup and closure.
Remarks:	mix with water,contained; clean up and testing pending

Material:

Site ID:	425387
Operable Unit ID:	1181109
Operable Unit:	01
Material ID:	2175171
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.5
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID:	110015306863
Plant name:	AT&T WEB HOSTING & COMM OPERATIONS
Plant address:	811 10TH AVE NEW YORK, NY 10019
County:	NEW YORK
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Sic code:	4813
Sic code desc:	TELEPHONE COMMUNICATIONS, EXCEPT RADIO (1987)
North Am. industrial classf:	Not reported
NAIC code description:	Not reported
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS.
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	021017
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	021017
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	030130
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	030730
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	040130
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	040730
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	050130
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	050730
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	060130

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060202
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 060207
Penalty amount: Not reported

Air program: NSR
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060208
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060208
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060208
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060208
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 060417
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 060724
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 060808
Penalty amount: 000018500

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 070125
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 070725
Penalty amount: Not reported

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 080131
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 080728
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 090129
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 090818
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 100322
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 100804
Penalty amount: Not reported

Air program: NSPS
National action type: PCE/OFF-SITE
Date achieved: 100804
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 110329
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 110329
Penalty amount: Not reported

Air program: NSR
National action type: PCE/OFF-SITE
Date achieved: 110329
Penalty amount: Not reported

Air program: NSR
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110719
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Date achieved: 110719
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110719
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110804
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110804
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110804
Penalty amount: Not reported

Air program: NSR
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110804
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 110830
Penalty amount: Not reported

Air program: NSPS
National action type: PCE/OFF-SITE
Date achieved: 110830
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 120302
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 120302
Penalty amount: Not reported

Air program: NSR
National action type: PCE/OFF-SITE
Date achieved: 120302
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 9

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 9

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 7

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 9

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 7

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 9

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 7

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 9

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 7

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 9

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 7

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 9

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 7

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204

AT&T WEB HOSTING & COMM OPERATIONS (Continued) **1000392652**

Air prog code hist file: 9

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0

I100 **AT&T** **NY AST** **A100343913**
ENE **811 TENTH AVENUE (NY4960)** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.094 mi.
496 ft. **Site 2 of 24 in cluster I**

Relative:
Higher

Actual:
35 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-341657
Program Type: PBS
UTM X: 585174.94392999995
UTM Y: 4513232.06544
Expiration Date: 2017/11/16

Affiliation Records:
Site Id: 16548
Affiliation Type: Mail Contact
Company Name: AT&T CORP.
Contact Type: Not reported
Contact Name: RAYSHELL WAMSLEY
Address1: 308 S. AKARD STREET
Address2: ROOM 1700
City: DALLAS
State: TX
Zip Code: 75202
Country Code: 001
Phone: (214) 464-2744
EMail: RW8416@ATT.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/8/2010

Site Id: 16548
Affiliation Type: Emergency Contact
Company Name: AT&T CORP.
Contact Type: Not reported
Contact Name: E.H.&S.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (800) 566-9347
EMail: Not reported

AT&T (Continued) **A100343913**

Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/8/2010

Site Id: 16548
Affiliation Type: Facility Owner
Company Name: AT&T CORP.
Contact Type: AGENT
Contact Name: AT&T
Address1: 308 S. AKARD ST. RM 1700
Address2: Not reported
City: DALLAS
State: TX
Zip Code: 75202
Country Code: 001
Phone: (214) 464-2744
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 1/16/2013

Site Id: 16548
Affiliation Type: On-Site Operator
Company Name: AT&T
Contact Type: Not reported
Contact Name: RICH DEGI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 903-6804
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/8/2010

Tank Info:

Tank Number: 001
Tank Id: 31784
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None

AT&T (Continued) **A100343913**

I03 - Overfill - Automatic Shut-Off
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1963
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	01/08/2010

Tank Number:	002
Tank Id:	31785
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1963
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	01/08/2010

Tank Number:	003
Tank Id:	31786
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

AT&T (Continued) **A100343913**

Equipment Records:
H99 - Tank Leak Detection - Other
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 06/01/1963
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 08/01/1999
Register: True
Modified By: NRLOMBAR
Last Modified: 04/30/2009

Tank Number: 004
Tank Id: 31787
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A01 - Tank Internal Protection - Epoxy Liner
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1963
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

AT&T (Continued) **A100343913**

Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 01/08/2010

Tank Number: 005
Tank Id: 31788
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A01 - Tank Internal Protection - Epoxy Liner
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1983
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 01/08/2010

Tank Number: 006
Tank Id: 31789
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A01 - Tank Internal Protection - Epoxy Liner
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B00 - Tank External Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off

AT&T (Continued) **A100343913**

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1963
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	01/08/2010

Tank Number:	007
Tank Id:	31790
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	008
Tank Id:	66079
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None

AT&T (Continued) **A100343913**

G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A01 - Tank Internal Protection - Epoxy Liner
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/01/1997
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	01/16/2013

Tank Number:	008
Tank Id:	31791
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	009

AT&T (Continued) **A100343913**

Tank Id: 52793
Material Code: 0000
Common Name of Substance: Empty

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/1997
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 010
Tank Id: 52794
Material Code: 0000
Common Name of Substance: Empty

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/1997

AT&T (Continued) **A100343913**

Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 011
Tank Id: 52795
Material Code: 0000
Common Name of Substance: Empty

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/1997
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 012
Tank Id: 52796
Material Code: 0000
Common Name of Substance: Empty

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported

AT&T (Continued) **A100343913**

Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/1997
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 013
Tank Id: 52797
Material Code: 0000
Common Name of Substance: Empty

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/1997
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 014
Tank Id: 81275
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
E01 - Piping Secondary Containment - Diking (Aboveground)
I02 - Overfill - High Level Alarm
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

AT&T (Continued) **A100343913**

F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I03 - Overfill - Automatic Shut-Off

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/01/1997
Capacity Gallons: 540
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 01/08/2010

Tank Number: 014-A
Tank Id: 81276
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H99 - Tank Leak Detection - Other
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I03 - Overfill - Automatic Shut-Off

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 04/01/1997
Capacity Gallons: 540
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/1997
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 015
Tank Id: 81277
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None

AT&T (Continued) **A100343913**

K00 - Spill Prevention - None
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I02 - Overfill - High Level Alarm
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/01/1997
Capacity Gallons:	540
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	01/08/2010

Tank Number:	015-A
Tank Id:	81280
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I02 - Overfill - High Level Alarm
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I03 - Overfill - Automatic Shut-Off

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	04/01/1997
Capacity Gallons:	540
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

AT&T (Continued) **A100343913**

Tank Number: 016
Tank Id: 228208
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/01/1997
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 01/16/2013

Tank Number: 07
Tank Id: 66078
Material Code: 0000
Common Name of Substance: Empty

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I03 - Overfill - Automatic Shut-Off

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 20000
Tightness Test Method: NN

AT&T (Continued) **A100343913**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

I101 **LUCENT TECHNOLOGIES INC** **RCRA NonGen / NLR** **1004761027**
ENE **811 10TH AVE - 19TH FLOOR** **FINDS** **NYR000070680**
< 1/8 **NEW YORK, NY 10007** **NY MANIFEST**
0.094 mi.
496 ft. **Site 3 of 24 in cluster I**

Relative:
Higher

Actual:
35 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	LUCENT TECHNOLOGIES INC
Facility address:	811 10TH AVE - 19TH FLOOR NEW YORK, NY 100071866
EPA ID:	NYR000070680
Mailing address:	SOUTH ST ROOM 2S075 MORRISTOWN, NY 079621976
Contact:	ANNETTE RUSSO
Contact address:	SOUTH ST ROOM 2S075 MORRISTOWN, NY 079621976
Contact country:	US
Contact telephone:	(973) 606-2893
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	A T & T CORP
Owner/operator address:	295 N MAPLE AVE BASKING RIDGE, NJ 07920
Owner/operator country:	US
Owner/operator telephone:	(908) 221-2000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	A T & T CORP
Owner/operator address:	295 N MAPLE AVE BASKING RIDGE, NJ 07920
Owner/operator country:	US
Owner/operator telephone:	(908) 221-2000
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

LUCENT TECHNOLOGIES INC (Continued) **1004761027**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	LUCENT TECHNOLOGIES INC
Classification:	Not a generator, verified

Date form received by agency:	04/28/1999
Facility name:	LUCENT TECHNOLOGIES INC
Classification:	Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004552742

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYR000070680
Country:	USA
Mailing Name:	LUCENT TECHNOLOGIES
Mailing Contact:	HARVEY SALZMAN
Mailing Address:	611 10TH AVE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-903-7801

Document ID:	INA1398315
Manifest Status:	Not reported
Trans1 State ID:	IND058484114
Trans2 State ID:	Not reported
Generator Ship Date:	07/21/1999
Trans1 Recv Date:	07/21/1999

LUCENT TECHNOLOGIES INC (Continued) **1004761027**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/27/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000070680
Trans1 EPA ID:	IND093219012
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	U075 - DICHLORODIFLUOROMETHANE
Quantity:	00025
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

I102 **BELL ATLANTIC** **RCRA NonGen / NLR** **1004761589**
ENE **811 10TH AVE - 1ST FLOOR** **FINDS** **NYR000088393**
< 1/8 **NEW YORK, NY 10019**
0.094 mi.
496 ft. **Site 4 of 24 in cluster I**

Relative:
Higher

Actual:
35 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	BELL ATLANTIC
Facility address:	811 10TH AVE - 1ST FLOOR NEW YORK, NY 10019
EPA ID:	NYR000088393
Mailing address:	E 37TH ST 4TH FLOOR NEW YORK, NY 10016
Contact:	LEO BUSINELLI
Contact address:	E 37TH ST 4TH FLOOR NEW YORK, NY 10016
Contact country:	US
Contact telephone:	(212) 338-7675
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BELL ATLANTIC
Owner/operator address:	811 10TH AVE 1ST FLOOR NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	(212) 338-7675
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	BELL ATLANTIC
Owner/operator address:	811 10TH AVE 1ST FLOOR NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	(212) 338-7675

BELL ATLANTIC (Continued) **1004761589**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: BELL ATLANTIC
Classification: Not a generator, verified

Date form received by agency: 08/01/2000
Facility name: BELL ATLANTIC
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004563623

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

J103 **MOBIL SERVICE STATION** **RCRA NonGen / NLR** **1001171399**
SSE **783 10TH AVE & W 53RD ST** **FINDS** **NY0001492313**
< 1/8 **NEW YORK, NY 10019** **NY MANIFEST**
0.095 mi.
500 ft. **Site 1 of 11 in cluster J**

Relative:
Higher

Actual:
33 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: MOBIL SERVICE STATION
Facility address: 783 10TH AVE & W 53RD ST
NEW YORK, NY 10019

MOBIL SERVICE STATION (Continued) **1001171399**

EPA ID: NY0001492313
Mailing address: 10TH AVE & W 53RD ST
NEW YORK, NY 10019
Contact: STEVEN TRIFFELETTI
Contact address: 10TH AVE & W 53RD ST
NEW YORK, NY 10019
Contact country: US
Contact telephone: (516) 239-5232
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MOBIL OIL CORP
Owner/operator address: 3225 GALLOWS RD
FAIRFAX, VA 22037
Owner/operator country: US
Owner/operator telephone: (516) 239-5232
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MOBIL OIL CORP
Owner/operator address: 3225 GALLOWS RD
FAIRFAX, VA 22037
Owner/operator country: US
Owner/operator telephone: (516) 239-5232
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MOBIL SERVICE STATION
Classification: Not a generator, verified

MOBIL SERVICE STATION (Continued) **1001171399**

Date form received by agency: 03/05/1998
Facility name: MOBIL SERVICE STATION
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110007990558

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NY0001492313
Country: USA
Mailing Name: MOBIL OIL CORP
Mailing Contact: ALFREDO FELIZ
Mailing Address: 461 DOUGHTY BLVD
Mailing Address 2: Not reported
Mailing City: INWOOD
Mailing State: NY
Mailing Zip: 11696
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 516-454-6100

Document ID: NYG0582687
Manifest Status: Not reported
Trans1 State ID: NYD077444263
Trans2 State ID: Not reported
Generator Ship Date: 03/09/1998
Trans1 Recv Date: 03/09/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/09/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0001492313
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: NYPD1010
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 98

MOBIL SERVICE STATION (Continued) **1001171399**

Document ID:	NYG2901681
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	04/19/2001
Trans1 Recv Date:	04/19/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/20/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0001492313
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	NYPD1010
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	06300
Units:	P - Pounds
Number of Containers:	009
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2001

H104 **W 54TH ST & 11TH AVE** **NY Spills** **S102141959**
NNW **W 54TH ST / 11TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.095 mi.
501 ft. **Site 2 of 6 in cluster H**

Relative:
Higher

Actual:
25 ft.

SPILLS:

Facility ID:	8905000
DER Facility ID:	90849
Facility Type:	ER
Site ID:	102591
DEC Region:	2
Spill Date:	8/20/1989
Spill Number/Closed Date:	8905000 / Not Reported
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JMOCONNE
Referred To:	7/12 SIWP REVIEW LETTER
Reported to Dept:	8/20/1989
CID:	Not reported
Water Affected:	HUDSON RIVER
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	8/29/1989
Spill Record Last Update:	7/20/2012
Spiller Name:	Not reported
Spiller Company:	CON EDISON

W 54TH ST & 11TH AVE (Continued) **S102141959**

Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"08/20/89: AAA HIRED & PUT SWEEP INTO SEWER. 11/15/94: REASSIGNED FROM SIGONA TO ENGELHARDT. APPENDIX B SITE NO. 28. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.7/3/12 - file contains: Western Union mailgram notice of spill at 54th street and 11th avenue by Jack Edelstein for Con Edison; a property access form given to 57th Street Conrete Inc, NY, NY signed by Anthony Sigona for the Department and by Richard Marsh dated 8/20/89 for the property owner; two polaroid photographs with handwritten notes on back - 8/20/89 Con Ed - 55 11th Ave and 8/20/89 Con Ed 55th & 11 Ave; 11 photographs of various locations around 11th avenue and 54th and 55th Streets all dated 8/20/89. Changed system 'potential spiller' from empty to Con Edison (JOC)7/20/12 - sent 7/12/12 SIWP review letter (JOC)
Remarks:	NYCPD & NYCFD ON SCENE, OIL GOING INTO SEWER SYSTEM.

Material:

Site ID:	102591
Operable Unit ID:	932762
Operable Unit:	01
Material ID:	445434
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	400
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

H105 **BUS** **NY Spills** **S108295557**
NNW **54TH & 11TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.095 mi.
501 ft. **Site 3 of 6 in cluster H**

Relative:
Higher

Actual:
25 ft.

SPILLS:

Facility ID:	0608731
DER Facility ID:	322457
Facility Type:	ER
Site ID:	372725
DEC Region:	2
Spill Date:	10/30/2006
Spill Number/Closed Date:	0608731 / 11/1/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported

BUS (Continued) **S108295557**

Reported to Dept:	10/30/2006
CID:	444
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/30/2006
Spill Record Last Update:	11/1/2006
Spiller Name:	SHERRY BULKLEY
Spiller Company:	BUS
Spiller Address:	54TH & 11TH AVE
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	SHERRY BULKLEY
Contact Phone:	(646) 252-5777
DEC Memo:	minor street spill
Remarks:	HOSE BROKE AND WENT INTO SEWER

Material:

Site ID:	372725
Operable Unit ID:	1130461
Operable Unit:	01
Material ID:	2120133
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

H106 **INFINITY OF MANHATTEN** **NY Spills** **S108981054**
NNW **11TH AVE & 54TH STREET** **N/A**
< 1/8 **MANHATTEN, NY**
0.095 mi.
501 ft. **Site 4 of 6 in cluster H**

Relative:
Higher

Actual:
25 ft.

SPILLS:

Facility ID:	0709710
DER Facility ID:	340438
Facility Type:	ER
Site ID:	390826
DEC Region:	2
Spill Date:	12/10/2007
Spill Number/Closed Date:	0709710 / 12/10/2007
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	3101

INFINITY OF MANHATTEN (Continued) **S108981054**

Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	12/10/2007
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/10/2007
Spill Record Last Update:	12/10/2007
Spiller Name:	TOM CULLIGAN
Spiller Company:	INFINITY OF MANHATTEN
Spiller Address:	11TH AVE & 54TH STREET
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	TOM CULLIGAN
Contact Phone:	(646) 943-2469
DEC Memo:	12/10/07-Hiralkumar Patel. spoke with Tom. oil leaked from truck on-site, possibly from leaking valve. oil spilled on tile area on property, then ran towards street. FDNY doing cleanup on street. cleaning contractor doing cleanup inside.no soil affected. some oil reached to sewer, but FDNY removed initially and cleanup contractor will do detail cleaning.case closed.
Remarks:	INVESTIGATING WHAT HAPPENED: SPILL IS CONTAINED AND SOME DID GET INTO THE STREET, NO DRAINS EFFECTED

Material:

Site ID:	390826
Operable Unit ID:	1147920
Operable Unit:	01
Material ID:	2138402
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

G107 **FIVE GAL GASOLINE IN EXCAVATION** **NY Spills** **S109063281**
West **WEST 51 STREET & 11 AVENUE, SEC** **N/A**
< 1/8 **MANHATTAN, NY**
0.095 mi.
502 ft. **Site 6 of 8 in cluster G**

Relative:
Higher

Actual:
25 ft.

SPILLS:

Facility ID:	0802247
DER Facility ID:	347717
Facility Type:	ER
Site ID:	398354
DEC Region:	2
Spill Date:	5/20/2008
Spill Number/Closed Date:	0802247 / 6/2/2008
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	5/28/2008
CID:	404
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/28/2008
Spill Record Last Update:	2/26/2009
Spiller Name:	Not reported
Spiller Company:	NOT CON EDISON
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	999
Contact Name:	ERTSDESK
Contact Phone:	(212) 580-8383
DEC Memo:	211563. see eDocsSpills notified. See spill 8904939.closed
Remarks:	spilled onto soil during excavation; clean up is pending. 211563

Material:

Site ID:	398354
Operable Unit ID:	1155241
Operable Unit:	01
Material ID:	2146105
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

G108 **CONSOLIDATED EDISON** **NY MANIFEST** **S109064868**
West **W. 51ST ST. & 11TH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.095 mi.
502 ft. **Site 7 of 8 in cluster G**

Relative:
Higher

Actual:
25 ft.

NY MANIFEST:

EPA ID:	NYP004157392
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-03-19
Trans1 Recv Date:	2008-03-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-03-20
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004157392
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001437467FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported

CONSOLIDATED EDISON (Continued) **S109064868**

Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-03-19
Trans1 Recv Date:	2008-03-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-03-20
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004157392
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001437467FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-03-19
Trans1 Recv Date:	2008-03-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-03-20
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004157392
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001437467FLE

CONSOLIDATED EDISON (Continued) **S109064868**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

G109 **CON EDISON** **RCRA-CESQG** **1012184972**
West **51ST ST & 11TH AVE** **NYP004157392**
< 1/8 **NEW YORK, NY 10019**
0.095 mi.
502 ft. **Site 8 of 8 in cluster G**

Relative:
Higher

Actual:
25 ft.

RCRA-CESQG:

Date form received by agency:	03/19/2008
Facility name:	CON EDISON
Facility address:	51ST ST & 11TH AVE NEW YORK, NY 10019
EPA ID:	NYP004157392
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	ANTHONY BUDA
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(718) 267-3852
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

CON EDISON (Continued) **1012184972**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

H110 **54TH ST** **NY Spills** **S103937032**
NNW **54TH ST & 11TH AV** **N/A**
< 1/8 **MANHATTAN, NY**
0.095 mi.
503 ft. **Site 5 of 6 in cluster H**

Relative:
Higher

Actual:
25 ft.

SPILLS:

Facility ID:	9901462
DER Facility ID:	249660
Facility Type:	ER
Site ID:	309128
DEC Region:	2
Spill Date:	5/7/1999
Spill Number/Closed Date:	9901462 / 6/22/1999
Spill Cause:	Abandoned Drums
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	5/7/1999
CID:	211
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/7/1999
Spill Record Last Update:	4/5/2002
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"NYC-DEP REMOVED THIS DRUM - NO DEC ACTION
Remarks:	ABANDONED 55 GAL DRUM LEFT AT ABOVE LOCATION - APPRX 1/2 FULL OF UNKNOWN PETROLEUM PRODUCT

Material:

Site ID:	309128
Operable Unit ID:	1080230

54TH ST (Continued) **S103937032**

Operable Unit:	01
Material ID:	305006
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

I111 **IN FRONT OF** **NY Spills** **S104650549**
ENE **811 10TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.095 mi.
503 ft. **Site 5 of 24 in cluster I**

Relative:
Higher

Actual:
36 ft.

SPILLS:

Facility ID:	0000276
DER Facility ID:	123160
Facility Type:	ER
Site ID:	144496
DEC Region:	2
Spill Date:	4/6/2000
Spill Number/Closed Date:	0000276 / 4/7/2000
Spill Cause:	Traffic Accident
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	4/6/2000
CID:	207
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/6/2000
Spill Record Last Update:	5/26/2009
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	JIM MCPARTLIN
Contact Phone:	(212) 541-7520
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

IN FRONT OF (Continued) **S104650549**

Remarks: waste fluids from vehicles are all over the sidewalkcaller states there is an ongoing spill investigationfor this area - the AT&T spill site

Material:

Site ID:	144496
Operable Unit ID:	821997
Operable Unit:	01
Material ID:	288530
Material Code:	0005A
Material Name:	AUTO WASTE FLUIDS
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0910510
DER Facility ID:	372167
Facility Type:	ER
Site ID:	423271
DEC Region:	2
Spill Date:	12/25/2009
Spill Number/Closed Date:	0910510 / 2/16/2010
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	12/25/2009
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/25/2009
Spill Record Last Update:	2/16/2010
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	ERT
Contact Phone:	Not reported
DEC Memo:	Austin - 2/16/10 - Con Ed responded to smoking transformer - 45 gals. of oil had leaked out of unit - Spill contained and cleaned up by Con

IN FRONT OF (Continued) **S104650549**

Ed analysis came back as 3 ppm PCBs - see eDocs for more info - spill closed - end.

Remarks: 20 gallons went into transformer vault; contained; clean up will be scheduled; leak is ongoing; leaking at 1 gallon per minute

Material:

Site ID:	423271
Operable Unit ID:	1179084
Operable Unit:	01
Material ID:	2172652
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F112 **MOBIL R/S #11375** **NY UST** **U004063594**
WSW **718 ELEVENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.095 mi.
503 ft. **Site 6 of 9 in cluster F**

Relative:
Higher

Actual:
25 ft.

UST:

Id/Status:	2-157899 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2015/11/18
UTM X:	584925.79888000002
UTM Y:	4513323.7924499996

Affiliation Records:

Site Id:	5253
Affiliation Type:	On-Site Operator
Company Name:	MOBIL R/S #11375
Contact Type:	Not reported
Contact Name:	STATION MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 974-0243
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	10/11/2007

Site Id:	5253
Affiliation Type:	Emergency Contact

MOBIL R/S #11375 (Continued) **U004063594**

Company Name:	EXXONMOBIL OIL CORPORATION
Contact Type:	Not reported
Contact Name:	FMS SPILL RESPONSE HOTLINE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(800) 997-7725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	5/11/2010

Site Id:	5253
Affiliation Type:	Mail Contact
Company Name:	LIBERTY PETROLEUM REALTY, LLC
Contact Type:	Not reported
Contact Name:	MEGAN TINGLEY
Address1:	6820-B COMMERCIAL DRIVE
Address2:	Not reported
City:	SPRINGFIELD
State:	VA
Zip Code:	22151
Country Code:	001
Phone:	(703) 750-6810
EMail:	MTINGLEY@CAPITOLPETRO.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/7/2013

Site Id:	5253
Affiliation Type:	Facility Owner
Company Name:	LIBERTY PETROLEUM REALTY, LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	6820-B COMMERCIAL DRIVE
Address2:	Not reported
City:	SPRINGFIELD
State:	VA
Zip Code:	22151
Country Code:	001
Phone:	(703) 750-6810
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/7/2013

Tank Info:

Tank Number:	001
Tank ID:	30252
Tank Status:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	12/01/1973
Date Tank Closed:	Not reported

MOBIL R/S #11375 (Continued) **U004063594**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number: 002
Tank ID: 30253
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1944
Date Tank Closed: 11/01/1987
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/23/2005

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number: 003
Tank ID: 30254
Tank Status: Closed - Removed

MOBIL R/S #11375 (Continued) **U004063594**

Capacity Gallons:	550
Install Date:	12/01/1944
Date Tank Closed:	11/01/1987
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	05/23/2005

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number:	004
Tank ID:	30255
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1932
Date Tank Closed:	11/01/1987
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	05/23/2005

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

MOBIL R/S #11375 (Continued) **U004063594**

Tank Number: 005
Tank ID: 30256
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1932
Date Tank Closed: 11/01/1987
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/23/2005

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number: 006
Tank ID: 30257
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1927
Date Tank Closed: 11/01/1987
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/23/2005

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

MOBIL R/S #11375 (Continued) **U004063594**

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number: 007
Tank ID: 30258
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1927
Date Tank Closed: 11/01/1987
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/23/2005

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number: 008
Tank ID: 30259
Tank Status: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1927
Date Tank Closed: 04/01/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/23/2005

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

MOBIL R/S #11375 (Continued) **U004063594**

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number:	009
Tank ID:	30260
Tank Status:	Closed - In Place
Capacity Gallons:	550
Install Date:	12/01/1927
Date Tank Closed:	04/01/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	05/23/2005

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number:	010
Tank ID:	30261
Tank Status:	Closed - In Place
Capacity Gallons:	550
Install Date:	12/01/1927
Date Tank Closed:	04/01/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	05/23/2005

MOBIL R/S #11375 (Continued) **U004063594**

Equipment Records:
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number: 011
Tank ID: 30262
Tank Status: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1927
Date Tank Closed: 04/01/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/23/2005

Equipment Records:
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number: 012
Tank ID: 30263
Tank Status: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1927
Date Tank Closed: 04/01/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

MOBIL R/S #11375 (Continued) **U004063594**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/23/2005

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number: 013
Tank ID: 30264
Tank Status: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1927
Date Tank Closed: 04/01/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/23/2005

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number: 014
Tank ID: 196394
Tank Status: In Service
Capacity Gallons: 12000
Install Date: 05/01/2005
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712

MOBIL R/S #11375 (Continued) **U004063594**

Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 08/25/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/07/2013

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D11 - Pipe Type - Flexible Piping
B04 - Tank External Protection - Fiberglass
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 015
Tank ID: 196395
Tank Status: In Service
Capacity Gallons: 8000
Install Date: 05/01/2005
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 08/25/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/07/2013

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D11 - Pipe Type - Flexible Piping
B04 - Tank External Protection - Fiberglass
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double-Walled (Underground)

MOBIL R/S #11375 (Continued) **U004063594**

Tank Number: 101
Tank ID: 30265
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 02/01/1988
Date Tank Closed: 10/01/2002
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 19
Date Test: 08/01/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F03 - Pipe External Protection - Original Impressed Current
I01 - Overfill - Float Vent Valve

Tank Number: 102
Tank ID: 30266
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 02/01/1988
Date Tank Closed: 03/21/2005
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 06/30/2004
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 03/31/2005

Equipment Records:

K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

MOBIL R/S #11375 (Continued) **U004063594**

D00 - Pipe Type - No Piping
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F03 - Pipe External Protection - Original Impressed Current
I01 - Overfill - Float Vent Valve

Tank Number:	103
Tank ID:	30267
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	02/01/1988
Date Tank Closed:	03/21/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	21
Date Test:	06/30/2004
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	03/29/2005

Equipment Records:

B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F03 - Pipe External Protection - Original Impressed Current
I01 - Overfill - Float Vent Valve

Tank Number:	104
Tank ID:	30268
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	02/01/1988
Date Tank Closed:	03/21/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	21
Date Test:	06/30/2004
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	03/29/2005

MOBIL R/S #11375 (Continued) **U004063594**

Equipment Records:

B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
D00 - Pipe Type - No Piping
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F03 - Pipe External Protection - Original Impressed Current
I01 - Overfill - Float Vent Valve

Tank Number:	107
Tank ID:	30269
Tank Status:	Tank Converted to Non-Regulated Use
Capacity Gallons:	1000
Install Date:	12/01/1989
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None

Tank Number:	108
Tank ID:	30270
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	02/01/1988
Date Tank Closed:	03/21/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	21

MOBIL R/S #11375 (Continued) **U004063594**

Date Test: 06/30/2004
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 03/29/2005

Equipment Records:

B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
F03 - Pipe External Protection - Original Impressed Current
I01 - Overfill - Float Vent Valve

Tank Number: 109
Tank ID: 30271
Tank Status: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1989
Date Tank Closed: 03/21/2005
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 03/29/2005

Equipment Records:

K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F03 - Pipe External Protection - Original Impressed Current
I01 - Overfill - Float Vent Valve

Tank Number: 110
Tank ID: 50644
Tank Status: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1989

MOBIL R/S #11375 (Continued) **U004063594**

Date Tank Closed:	03/21/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	03/29/2005

Equipment Records:

B04 - Tank External Protection - Fiberglass
I01 - Overfill - Float Vent Valve
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

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F113 **MOBIL OIL-#17-JWN MOBIL** **RCRA NonGen / NLR** **1000553810**
WSW **718 11TH AVE** **FINDS** **NYD986962447**
< 1/8 **NEW YORK, NY 10019** **NY LTANKS**
0.095 mi. **NY HIST UST**
503 ft. **Site 7 of 9 in cluster F** **NY Spills**
US AIRS

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/06/2011
Facility name:	MOBIL OIL CORP SS #JWN
Facility address:	718 11TH AVE NEW YORK, NY 100195047
EPA ID:	NYD986962447
Mailing address:	GALLOWS RD - MKTG ENVIRON FAIRFAX, NY 220370001
Contact:	DONNA HYMES
Contact address:	E WASHINGTON ST WEST CHESTER, PA 19380
Contact country:	US
Contact telephone:	(610) 430-8151
Contact email:	WWW.JD2ENV.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2007
Facility name: MOBIL OIL CORP SS #JWN
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Facility name: MOBIL OIL CORP SS #JWN
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MOBIL OIL CORP SS #JWN
Classification: Not a generator, verified

Date form received by agency: 04/10/1991
Facility name: MOBIL OIL CORP SS #JWN
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004472384

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

LTANKS:

Site ID:	59259
Spill Number/Closed Date:	9505594 / 11/22/1996
Spill Date:	8/5/1995
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	8/5/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/14/1995
Spill Record Last Update:	9/10/2003
Spiller Name:	Not reported
Spiller Company:	MOBIL OIL CORP
Spiller Address:	464 DOUGHTY BLVD
Spiller City,St,Zip:	INWOOD, NY 11096
Spiller County:	001
Spiller Contact:	MIKE MEOLA
Spiller Phone:	(516) 371-1527
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	56199
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"Reassigned from DEC Sigona on August 4, 2003, as per Letter fromP. David Smith, Bureau Director, Remedial Bureau B.CLEANED BY RP (COPY TO KERRI). This spill was reassigned to DEC Sigona on Sept 2000. Also see spill nos. 0007323, 9009654, 9400944, and 8904939.
	Not reported
Remarks:	OVERFILLED UNDER GROUND TANK - CLEANUP CREW RESPONDING

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Material:

Site ID:	59259
Operable Unit ID:	1016481
Operable Unit:	01
Material ID:	363586
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	154664
Spill Number/Closed Date:	0207671 / 10/9/2003
Spill Date:	10/24/2002
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	10/24/2002
CID:	405
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/24/2002
Spill Record Last Update:	10/9/2003
Spiller Name:	JOANN WALLACH
Spiller Company:	EXXONMOBIL
Spiller Address:	3225 GALLOWS ROAD
Spiller City,St,Zip:	FAIRFAX, VA 22037
Spiller County:	001
Spiller Contact:	JOANN WALLACH
Spiller Phone:	(908) 474-2745
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	131114
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"Reassigned from DEC Sigona on August 4, 2003, as per Letter fromP. David Smith, Bureau Director, Remedial Bureau B.This spill has been consolidated under spill No. 8904939DEC Sigona performed field inspections on 10/22/2002 and 10/23/2002 and observed 4,000 gallon steel tank removal activities. There were low levels of

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petroleum contamination on the tank top and overburden. When the tank was removed at approximately 11:30 A.M. on 10/23/2002 there was petroleum contamination and free product sheen on the water table visible in the tank excvataion. The concrete pad was removed underneath the tank.The DEC Sigona requested that the excavation be backfilled with pea gravel to enhance the vapor recovery effort. The tank was located immediately adjacent to the foundation wall for the Bull McCabe Restaurant located downgradient of the site. GSC indicated that monitoring wells and pea gravel will be installed at the former 4K tank location. AJS 10/24/2002.

Remarks: Elevated Photo-ionization detector readings found in soil samples collected from tank pit following tank removal - The site has an active remediation case on-going

Material:

Site ID:	154664
Operable Unit ID:	860486
Operable Unit:	01
Material ID:	572013
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	154664
Operable Unit ID:	860486
Operable Unit:	01
Material ID:	514683
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	True

Tank Test:

Site ID:	59256
Spill Number/Closed Date:	8904939 / Not Reported
Spill Date:	8/17/1989
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MJHAGGER

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Referred To:	Not reported
Reported to Dept:	8/18/1989
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	5
Date Entered In Computer:	8/29/1989
Spill Record Last Update:	12/26/2012
Spiller Name:	FRANK MESSINA
Spiller Company:	EXXONMOBIL CORPORATION
Spiller Address:	1545 ROUTE 22 EAST
Spiller City,St,Zip:	ANNANDALE, NJ 08801
Spiller County:	001
Spiller Contact:	DON ENGLERT
Spiller Phone:	(516) 371-1527
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	355500
DEC Memo:	This spill has been consolidated under Spill No. 89-04939. See also Spill Nos. 90-09654, 94-00944, 95-05594, 00-07323, 04-03447, 04-05537, 04-13534, 04-13552, and 05-01922.8/10/2003: Project transferred from Sigona to Harrington (central office) for management. (Sigona)10/12/2004: Consent order and Corrective Action Plan were executed by the Regional Director. (Harrington)3/29/2005: Building at 714 11th Avenue was evacuated by FDNY due to elevated levels of gasoline vapor in basement (~11% LEL). Vapor intrusion caused by air rotary drilling at Mobil site as part of station regrade activities. (Harrington)3/31/2005: Site visit conducted. Met with representatives of Exxon Mobil, Salomone Brothers, Trammell Crow, and the Bull McCabe restaurant. Contacted Chief John Belnavus (FDNY Batallion 9) to discuss the stop work order issued. He lifted the order after our conversation, as Exxon Mobil had presented a satisfactory plan to avoid any further vapor issues in the adjacent building. (Harrington)6/2/08- DEC Piper. SPill staff recieved notifaction that approx 5 gallons of gasoline was discovered in soil in an excavation adjacent to site. Spill 0802247. This spill has bee nclosed and referred to this spill.4/4/2005: Approved RAP amendment during on-site meeting. (Harrington)4/7/2005: Approved RAP amendment #2 during on-site meeting. (Harrington)4/19/2005: Approved RAP amendment #3 during on-site meeting. (Harrington)5/2/2005: Approved CAMP amendment during on-site meeting. (Harrington)5/6/2005: Security guard was murdered on-site. NYPD believes the motive was robbery. (Harrington)9/19/2005: Upgrade activities are complete, and station is now operational. Sent letter to Exxon Mobil approving the monitoring well replacement work plan, as all on-site wells were destroyed during the station upgrade. SVE and GWPT systems are on-line. (Harrington)10/31/2005: Received station upgrade activity report. Sent Exxon Mobil a letter closing spill nos. 04-13534 and 05-01922. (Harrington)6/8/2006: Approved Well Replacement Report documenting installation of two new recovery wells and an additional SVE well. (Harrington)6/13/2006: Approved request to shutdown the groundwater recovery system in an e-mail to Exxon Mobil. Stipulated that the upgrade work to the electrical panel shall be completed so that the system can be re-started with minimal delay should the need

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arise. (Harrington)8/17/2006: Sent an e-mail to Exxon Mobil approving the hydraulic lift removal report. (Harrington)8/29/2006: Sent an e-mail to Exxon Mobil approving the sensitive receptor survey report. (Harrington)2/6/2007: Project transferred from Harrington to Smith (central office) for management. (Smith)4/19/2007: Approved the installation of two additional remedial wells to expand the Soil Vapor Extraction system. Performed site visit on April 18, 2007. (Smith)6/22/2007: Two additional wells installed to expand SVE system. (Smith)7/24/2007: Project transferred from Smith to Harrington (central office) for management. (Harrington)8/3/2007: PM visited the site with Kleinfelder Personnel (Mooney, Meyerhoefer). O & M of SVE system is on-going. Kleinfelder will soon be proposing the abandonment of several off-site monitoring wells. (Harrington)2/18/2008: PM sent e-mail to Exxon Mobil regarding the SVE system expansion. Based on increased BTEX concentrations in groundwater (wells RW-2 and VP-MW-9), a revised groundwater remedial strategy shall be proposed by Exxon Mobil. (Harrington)12/4/08 - Haggerty: Assumed management from Dave Harrington3/2/09 - Haggerty: Approved Reporting Reduction Request. Sampling will remain quarterly, SVE/AS system maintanence will remain on 2 week schedule, reporting will now be bi-annually. System has been operating since 2001 and functioning well. 7500ibs of mass recovered at this point6/11/09 - Haggerty: Approved Hydraulic Lift Removal Report. Some SVOC detection above soil guidance but not high enough to warrant further excavation. Hydraulic fliud analyzed for the presence of PCB's, no detections. No spill # was called inMay 2010 - PM approved Subsurface Investigation and Biological Enhancement/ Chemical Oxidation Work Plan. New Spill (0909441) called in because of EM Phase II workJune 2010 - 70,000ppb dissolved BTEX in groundwater encountered along the western boundary of the site. PM required additional delineation including bedrock monitoring well August 2010 - approved SI workplan. Includes delineation of the upppermost aquifer and bedrock aguifer. Bedrock wells will be cored to inspect for fracturing and evidence of flowing groundwater such as oxidation (rust) of metals within the rock. Bedrock wells will isolate the bedrock aquifer - screened portion of PVC in bedrock with bentonite seal above and below bedrock interfaceNovember 2010 - EM has handed the project over to Liberty Petroleum Realty LLC. See 11/18/10 letter from Liberty. (sd)February 2011 - Supplemental SIR under reivewMarch 2011 - Reviewed SIR. Required additional delineation west of the site along West 51st Street also to provide report on the effectiveness of ISCO injectionsMay 2011 - approved work plan for additional off-site delineationAugust 2011 - the 2 additional wells couldn't be installed. They couldn't reach the Arcadis minimum pre-clear depth of 6.5ft plus utilities are very tight in that area. Arcadis will have to design an alternate way of providing the dataNovember 2011 - approved shutting down the system immediately to allow for the site to reach static conditions before the VTE events -Proceed with the VTE Pilot test as soon as possible (within 30 days). -The RAP is due is 75 days from today's date (10/26/11).December 2011 - VTE Pilot test could not be performed in December due to the DOT Holiday embargo. Moved to January 2012February 2012 - Based on the proposed geochemical sampling/ IRM results, the Remedial Action Work Plan is due by April 30, 2012May 2012 - Arcadis submitted a RAP which is approved contingent upon minor alterations. The issue now is getting the new RP, Liberty, to sign a CO with oversight costs. EM already has a site-specific CO for this property from 2005, but since they

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	are switching remedial technology, we are justified in asking for additional oversight costsJune 2012 - Consent Order executed with Liberty PetroleumAugust 2012 - TPE wells and one delineation well will be installed in early Sept. I granted Arcadis a short extension. They inquired as to whether they need a Amtrak permit (the track was over 500ft away) and that slowed down the process.December 2012 - Dual-phase extraction wells have been installed and trenching completed. Sewer connection possibly completed (unable to speak with the Arcadis PM but it should be). Also, the SVE system was shutdown indefinitely
Remarks:	TANK FAILED PETRO TITE TEST, IN PROCESS OF EXCAVATING TANK TOP, WILL ISOLATE & RETEST,RETESTED ON 1/5/91 & .

Material:

Site ID:	59256
Operable Unit ID:	932692
Operable Unit:	01
Material ID:	2106612
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	59256
Operable Unit ID:	932692
Operable Unit:	01
Material ID:	448962
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	True

Tank Test:

Site ID:	59256
Spill Tank Test:	1535872
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	59257
Spill Number/Closed Date:	9009654 / 1/29/1991

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Spill Date:	12/5/1990
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Not reported
Cleanup Ceased:	1/29/1991
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	12/5/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	12/12/1990
Spill Record Last Update:	9/10/2003
Spiller Name:	MIKE MEOLA
Spiller Company:	EXXONMOBIL
Spiller Address:	464 DOUGHTY BLVD
Spiller City,St,Zip:	INWOOD, NY 11096
Spiller County:	001
Spiller Contact:	MIKE MEOLA
Spiller Phone:	(516) 371-1527
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	56199
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"Reassigned from DEC Sigona on August 4, 2003, as per Letter fromP. David Smith, Bureau Director, Remedial Bureau B.DEC Sullivan was originally assigned to the spill, and transferred to DEC Sigona on Sept. 2000. Also, See spill nos. 0007323, 9400944, 9505594, 8904939.
Remarks:	LINE TEST, FAILED PETRO TITE, SUPER & REGULAR NO LEAD, (SUPER)-.017GPH& (REGULAR NO LEAD) -.21GPH, TYREE TO REPAIR & RETEST, TONY KHOURY (FIELD ENGINEER) 516-239-0266,1/5 RETESTED,PASSED,PETROTITE.

Material:

Site ID:	59257
Operable Unit ID:	950015
Operable Unit:	01
Material ID:	429856
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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Site ID:	59257
Spill Tank Test:	1537995
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	59258
Spill Number/Closed Date:	9400944 / 3/29/1995
Spill Date:	4/19/1994
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	3/29/1995
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	4/20/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	4/29/1994
Spill Record Last Update:	9/10/2003
Spiller Name:	MIKE MEOLA
Spiller Company:	EXXONMOBIL
Spiller Address:	464 DOUGHTY BLVD
Spiller City,St,Zip:	INWOOD, NY 11096
Spiller County:	001
Spiller Contact:	MIKE MEOLA
Spiller Phone:	(516) 371-1527
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	56199
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"Reassigned from DEC Sigona on August 4, 2003, as per Letter fromP. David Smith, Bureau Director, Remedial Bureau B.03/29/95: SEE SPILL NUMBER 8904939. 10/10/95: This is additional information about material spilled from the translation of the old spill file: WATER IN TANK.This spill was reassigned to DEC Sigona from O'Dowd on Sept 2000.Also see spill nos. 0007323, 9009654, 9400944, 9505594, and 8904939.
Remarks:	CALLER REPORTED 2 INCHES OF WATER IN GAGE TANK. NO OTHER AGENCIES NO SET ON DATE. NO CALL.

Material:

Site ID:	59258

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Operable Unit ID:	998342
Operable Unit:	01
Material ID:	384718
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	154663
Spill Number/Closed Date:	0205676 / 10/9/2003
Spill Date:	8/31/2002
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	8/31/2002
CID:	196
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	8/31/2002
Spill Record Last Update:	10/9/2003
Spiller Name:	JOANNE WALLACH
Spiller Company:	EXXONMOBIL CORP
Spiller Address:	3225 GALLOWS ROAD
Spiller City,St,Zip:	FAIRFAX, VA 22037-
Spiller County:	001
Spiller Contact:	DENNIS SHIN
Spiller Phone:	(631) 285-6684
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	131114
DEC Memo:	Not reported
Remarks:	Caller states his company was doing soil borings samples next door to the gas station when they hit vapors.

Material:

Site ID:	154663
Operable Unit ID:	857108
Operable Unit:	01

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Material ID:	519874
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

HIST UST:

PBS Number:	2-157899
SPDES Number:	Not reported
Emergency Contact:	ENVIRONMENTAL HELP DESK
Emergency Telephone:	(800) 662-4567
Operator:	KENNY KHAN
Operator Telephone:	(212) 974-0243
Owner Name:	EXXONMOBIL OIL CORP
Owner Address:	3225 GALLOWS RD., 6W307
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-6252
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP C/O NDE ENVIRONMENTAL
Mailing Address:	P. O. BOX 142667
Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	EMILY MILLER
Mailing Telephone:	(800) 800-4633
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	718 11TH AVE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1999
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	22000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False

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CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 62
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19731201
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19441201
Capacity (gals): 550
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19441201
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19321201
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19321201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19271201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Install Date:	19271201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19271201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	009
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19271201
Capacity (gals):	550
Product Stored:	LEADED GASOLINE

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19271201
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	011
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19271201
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	012
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19271201
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	013
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19271201
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	101
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19880201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Impressed Current
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	08/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	102
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19880201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	Fiberglass
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Electronic

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Overfill Prot:	Float Vent Valve
Dispenser:	Submersible
Date Tested:	08/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	103
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19880201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	30
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	08/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	104
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19880201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	Fiberglass
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve
Dispenser:	Submersible
Date Tested:	08/01/1999

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	107
Tank Location:	UNDERGROUND
Tank Status:	Tank Converted To Non-Regulated Use
Install Date:	19891201
Capacity (gals):	1000
Product Stored:	UNKNOWN
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Vault (w/access)
Leak Detection:	Not reported
Overfill Prot:	Not reported
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	108
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19880501
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Impressed Current
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	08/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	109
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19891201
Capacity (gals):	1000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Not reported
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Vault (w/access)
Leak Detection:	13
Overfill Prot:	Float Vent Valve
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	110
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19891201
Capacity (gals):	1000
Product Stored:	USED OIL
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	Fiberglass
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Lat/long: Not reported

SPILLS:

Facility ID:	0403447
DER Facility ID:	131114
Facility Type:	ER
Site ID:	154665
DEC Region:	2
Spill Date:	6/30/2004
Spill Number/Closed Date:	0403447 / 12/22/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	6/30/2004
CID:	405
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	6/30/2004
Spill Record Last Update:	12/22/2006
Spiller Name:	JAY HOFFICKER
Spiller Company:	MOBIL
Spiller Address:	718 11TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	JAY HOFFICKER
Contact Phone:	(908) 272-6579
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"12/22/2006: Consolidated with spill no. 89-04939. (Harrington)
Remarks:	LINE TEST FAILURE, A MINOR AMOUNT SPILLED OUT, LINE HAS BEEN TAKEN OUT OF SERVIE, REPAIRED AND RETESTED

Material:

Site ID:	154665
Operable Unit ID:	885696
Operable Unit:	01
Material ID:	491032
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Tank Test:

Facility ID:	0413534
DER Facility ID:	56199
Facility Type:	ER
Site ID:	342665
DEC Region:	2
Spill Date:	3/29/2005
Spill Number/Closed Date:	0413534 / 10/31/2005
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	3/29/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/29/2005
Spill Record Last Update:	10/31/2005
Spiller Name:	FRANK MESSINA
Spiller Company:	EXXON MOBIL CORPORATION
Spiller Address:	1545 ROUTE 22 EAST
Spiller City,St,Zip:	ANNANDALE, NJ 08801
Spiller Company:	001
Contact Name:	FRANK MESSINA
Contact Phone:	(908) 730-2055
DEC Memo:	3/29/2005: Station being rebuilt by Salomone. Air rotary drill being used to install structural shoring. 1,000 ppm VOCs detected in basement of Bull McCabe restaurant @ 714 11th Avenue (immediately south of station). GSC ventilated, reduced volatiles in basement to less than 15 ppm, and first floor less than 10ppm. GSC to continue to monitor. (Tibbe)10/31/2005: Received October 2005 "Station Upgrade Activity Report" from GSC|Kleinfelder. Contamination remediated as part of station regrade activities. Overall site remediation is being tracked under spill no. 89-04939. (Harrington)
Remarks:	DURING CONSTRUCTION ACTIVITIES VAPORS WERE REPORTED IN NIEGHBORING BUILDING: FIRE DEPT. WAS ON SCENE, BUILDING WAS EVACTUATED AND VENTILATED:

Material:

Site ID:	342665
Operable Unit ID:	1101387
Operable Unit:	01
Material ID:	581549
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0909441
DER Facility ID:	131114
Facility Type:	ER
Site ID:	422147
DEC Region:	2
Spill Date:	11/3/2009
Spill Number/Closed Date:	0909441 / 6/11/2010
Spill Cause:	Other
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	MJHAGGER
Referred To:	Not reported
Reported to Dept:	11/23/2009
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/23/2009
Spill Record Last Update:	6/11/2010
Spiller Name:	RICHARD SWEDBORG
Spiller Company:	EXXON MOBIL
Spiller Address:	718 11TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	999
Contact Name:	RICHARD SWEDBORG
Contact Phone:	(631) 218-0612
DEC Memo:	Consolidated into long-term remediation Spill #8904939.
Remarks:	Former tank had been removed and replaced. Investigation revealed soil impact. The tank was an underground tank. Mike Haggerty is the DEC Spill Rep for this site

Material:

Site ID:	422147
Operable Unit ID:	1177997
Operable Unit:	01
Material ID:	2170862
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AIRS (AFS):

Airs Minor Details:
EPA plant ID: 110004472384
Plant name: MOBIL OIL-#17-JWN MOBIL
Plant address: 718 11TH AVE
NEW YORK, NY 10019
County: NEW YORK
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043
Sic code: 5541
Sic code desc: GASOLINE SERVICE STATIONS
North Am. industrial classf: Not reported
NAIC code description: Not reported
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

MOBIL OIL-#17-JWN MOBIL (Continued) **1000553810**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0

Compliance & Violation Data by Minor Sources:
Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: Not reported
Repeat violator date: Not reported
Turnover compliance: Not reported

F114 **MOBIL R/S #11375** **NY AST** **A100295120**
WSW **718 ELEVENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.095 mi.
503 ft. **Site 8 of 9 in cluster F**

Relative:
Higher

Actual:
25 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-157899
Program Type: PBS
UTM X: 584925.79888000002
UTM Y: 4513323.7924499996
Expiration Date: 2015/11/18

MOBIL R/S #11375 (Continued) **A100295120**

Affiliation Records:

Site Id:	5253
Affiliation Type:	On-Site Operator
Company Name:	MOBIL R/S #11375
Contact Type:	Not reported
Contact Name:	STATION MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 974-0243
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	10/11/2007

Site Id:	5253
Affiliation Type:	Emergency Contact
Company Name:	EXXONMOBIL OIL CORPORATION
Contact Type:	Not reported
Contact Name:	FMS SPILL RESPONSE HOTLINE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(800) 997-7725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	5/11/2010

Site Id:	5253
Affiliation Type:	Mail Contact
Company Name:	LIBERTY PETROLEUM REALTY, LLC
Contact Type:	Not reported
Contact Name:	MEGAN TINGLEY
Address1:	6820-B COMMERCIAL DRIVE
Address2:	Not reported
City:	SPRINGFIELD
State:	VA
Zip Code:	22151
Country Code:	001
Phone:	(703) 750-6810
EMail:	MTINGLEY@CAPITOLPETRO.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/7/2013

Site Id:	5253
Affiliation Type:	Facility Owner
Company Name:	LIBERTY PETROLEUM REALTY, LLC
Contact Type:	Not reported
Contact Name:	Not reported

MOBIL R/S #11375 (Continued) **A100295120**

Address1:	6820-B COMMERCIAL DRIVE
Address2:	Not reported
City:	SPRINGFIELD
State:	VA
Zip Code:	22151
Country Code:	001
Phone:	(703) 750-6810
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/7/2013

Tank Info:

Tank Number:	016
Tank Id:	196396
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping
J00 - Dispenser - None
A00 - Tank Internal Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I99 - Overfill - Other
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/2005
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CGFREEDM
Last Modified:	01/19/2011

F115 **EDR US Hist Auto Stat** **1015614044**
WSW **718 11TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.095 mi.
503 ft. **Site 9 of 9 in cluster F**

Relative:
Higher

Actual:
25 ft.

EDR Historical Auto Stations:

Name:	MOBIL SVCE CENTER
Year:	1999
Address:	718 11TH AVE

(Continued) **1015614044**

Name: MOBIL SVCE CENTER
Year: 2000
Address: 718 11TH AVE

Name: MOBIL SERVICE CTR
Year: 2001
Address: 718 11TH AVE

Name: MOBIL SERVICE CTR
Year: 2002
Address: 718 11TH AVE

Name: MOBILE SERVICE CTR
Year: 2003
Address: 718 11TH AVE

Name: 11 AV SERVICE STA INC
Year: 2004
Address: 718 11TH AVE

Name: 11 AV SERVICE STA INC
Year: 2005
Address: 718 11TH AVE

Name: 11TH AVE SERVICE STATION INC
Year: 2006
Address: 718 11TH AVE

Name: MOBILE SERVICE CENTER CORP
Year: 2007
Address: 718 11TH AVE

Name: 11 AV SERVICE STA INC
Year: 2008
Address: 718 11TH AVE

Name: EXXON BISMA MOBIL
Year: 2009
Address: 718 11TH AVE

Name: MOBIL
Year: 2010
Address: 718 11TH AVE

Name: BISMA MOBIL SERVICE CENTER
Year: 2011
Address: 718 11TH AVE

Name: 11 AV SVCE STA INC
Year: 2012
Address: 718 11TH AVE

E116 **MANHOLE # 10190** **NY Spills** **S109373485**
East **447 - 55 WEST 53RD ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.096 mi.
509 ft. **Site 22 of 23 in cluster E**

Relative:
Higher

Actual:
40 ft.

SPILLS:

Facility ID:	0808990
DER Facility ID:	355677
Facility Type:	ER
Site ID:	406422
DEC Region:	2
Spill Date:	11/10/2008
Spill Number/Closed Date:	0808990 / 10/19/2009
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	asnagi
Referred To:	Not reported
Reported to Dept:	11/10/2008
CID:	Not reported
Water Affected:	SEWER CATCH BASIN
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/10/2008
Spill Record Last Update:	10/19/2009
Spiller Name:	NA
Spiller Company:	CON ED
Spiller Address:	447 - 55 WEST 53RD ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	999
Contact Name:	ERT
Contact Phone:	(212) 580-8383
DEC Memo:	10/19/09 - See eDocs for Con Ed report detailing cleanup and closure.
Remarks:	In process of pumping out manhole; spilled into sewer catch basin and on ground. ERT en route. no to ? 2-5, yes to question #1. NRC number is 889594

Material:

Site ID:	406422
Operable Unit ID:	1163011
Operable Unit:	01
Material ID:	2154310
Material Code:	9999
Material Name:	Other - Liquid ashfalt
Case No.:	Not reported
Material FA:	Other
Quantity:	2
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

MANHOLE # 10190 (Continued) **S109373485**

Tank Test:

J117 **CON EDISON** **NY MANIFEST** **S112210907**
SSE **746 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.098 mi.
515 ft. **Site 2 of 11 in cluster J**

Relative:
Higher

Actual:
36 ft.

NY MANIFEST:

EPA ID:	NYP004271094
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271094
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457241JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CON EDISON (Continued) **S112210907**

Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-09-28
Trans1 Recv Date: 2012-09-28
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-09-28
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004271094
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 010457241JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

K118 **SACRED HEART SCHOOL** **NY Spills** **S104278716**
SE **456 WEST 52ND ST** **N/A**
< 1/8 **NEW YORK, NY**
0.099 mi.
521 ft. **Site 1 of 3 in cluster K**

Relative:
Higher

Actual:
38 ft.

SPILLS:
Facility ID: 9909800
DER Facility ID: 231101
Facility Type: ER
Site ID: 284978
DEC Region: 2
Spill Date: 11/12/1999
Spill Number/Closed Date: 9909800 / 7/28/2005
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: LNKLAAS
Referred To: Not reported

SACRED HEART SCHOOL (Continued) **S104278716**

Reported to Dept:	11/12/1999
CID:	211
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Tank Tester
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/12/1999
Spill Record Last Update:	8/16/2005
Spiller Name:	FR NEYLAND
Spiller Company:	SACRED HEART SCHOOL
Spiller Address:	456 WEST 52ND ST
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	FR NEYLAND
Contact Phone:	(212) 265-5020
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"1/3/99Spoke to Nick. He is working for the Arch Diocese. When they uncovered the tank to isolate and retest, they found a hole in the top of the tank - there was no soil contamination noted. They are proposing to close the tank in place with foam, but due to restricted acess (in a courtyard) they are unable to remove the 5000 gallon tank. They are proposing to cut throught the bottom of the tank in two locations to collect soil samples. He will forward a summary of the exposure and the analytical (8021 and 8270) to my attention. JMR2/25/00 REPORT RECEIVED.01/26/04REassinged from Rommel to Austin02/17/04: Reassigned from AUSTIN to KRIMGOLD.07/28/05 Tank Closure Report indicates tank was filled with Polyurethane Flowable Foam and closed in place 01/06/00. PBS #2-285722. No soil contamination noted. Closed. LNK.
Remarks:	Not reported

Material:

Site ID:	284978
Operable Unit ID:	1088491
Operable Unit:	01
Material ID:	298869
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	284978
Spill Tank Test:	1547839
Tank Number:	1
Tank Size:	5000
Test Method:	03

SACRED HEART SCHOOL (Continued) **S104278716**

Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

H119 **604 WEST 54TH STREET** **NY Spills** **S104502019**
NNW **604 WEST 54TH STREET** **N/A**
< 1/8 **MANHATTAN, NY**
0.099 mi.
522 ft. **Site 6 of 6 in cluster H**

Relative:
Higher

Actual:
24 ft.

SPILLS:

Facility ID:	9605385
DER Facility ID:	72214
Facility Type:	ER
Site ID:	77369
DEC Region:	2
Spill Date:	7/25/1996
Spill Number/Closed Date:	9605385 / 7/29/1996
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	7/26/1996
CID:	266
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/26/1996
Spill Record Last Update:	9/4/1996
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	LOCATION IS A NEW FORD DEALERSHIP UNDER CONSTRUCTION. DEMOLITION WORKERS RUPTURED 275 GALLON ABOVE GROUND TANK. SPILL CONTAINED WITHIN VAULT. BEING CLEANED UP BY NOTIFIER.

Material:

Site ID:	77369
Operable Unit ID:	1032913
Operable Unit:	01
Material ID:	348130
Material Code:	0015

604 WEST 54TH STREET (Continued) **S104502019**

Material Name:	Motor Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100
Units:	Gallons
Recovered:	100
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

J120 **COLUMBUS LIBRARY** **NY AST** **U004046422**
SSE **742 10TH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10029**
0.099 mi.
523 ft. **Site 3 of 11 in cluster J**

Relative:
Higher

Actual:
34 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-609688
Program Type:	PBS
UTM X:	585120.95736
UTM Y:	4513159.5660199998
Expiration Date:	N/A

Affiliation Records:

Site Id:	59096
Affiliation Type:	Facility Owner
Company Name:	NYC DDC
Contact Type:	CONTRACTOR
Contact Name:	BORO ATANNSOSKI
Address1:	3030 THOMSON AVENUE
Address2:	Not reported
City:	L. I. C.
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 391-2288
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/25/2004

Site Id:	59096
Affiliation Type:	Mail Contact
Company Name:	NYC DDC
Contact Type:	Not reported
Contact Name:	FLORA TASBIHI
Address1:	3030 THOMSON AVENUE
Address2:	Not reported
City:	L.I.C.
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 391-2288

COLUMBUS LIBRARY (Continued) **U004046422**

EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 8/25/2004

Site Id: 59096
Affiliation Type: On-Site Operator
Company Name: COLUMBUS LIBRARY
Contact Type: Not reported
Contact Name: SANDY ESER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 930-0522
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 8/25/2004

Site Id: 59096
Affiliation Type: Emergency Contact
Company Name: NYC DDC
Contact Type: Not reported
Contact Name: SANY ESER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 930-0522
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 8/25/2004

Tank Info:

Tank Number: 001
Tank Id: 179914
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
J00 - Dispenser - None
E01 - Piping Secondary Containment - Diking (Aboveground)
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
H00 - Tank Leak Detection - None

COLUMBUS LIBRARY (Continued) **U004046422**

B05 - Tank External Protection - Jacketed
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/12/2004
Register:	True
Modified By:	KXTANG
Last Modified:	08/25/2004

L121 **EXXON MOBIL** **NY LTANKS S104789814**
WSW **714 11TH AVE** **NY Spills N/A**
< 1/8 **NEW YORK CITY, NY**
0.102 mi.
537 ft. **Site 1 of 33 in cluster L**

Relative:
Higher

Actual:
25 ft.

LTANKS:

Site ID:	342683
Spill Number/Closed Date:	0413552 / 12/14/2006
Spill Date:	3/29/2005
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	3/29/2005
CID:	408
Water Affected:	Not reported
Spill Notifier:	Police Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	3/30/2005
Spill Record Last Update:	12/14/2006
Spiller Name:	Not reported
Spiller Company:	CONSTRUCTION COMPANY
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	SEAN DONOHUE
Spiller Phone:	(212) 689-1520
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	289021
DEC Memo:	3/30/05-Vought-Calledbeing tracked under spill 89-04939
Remarks:	Due to tank failure. Product has not been cleaned up yet. Tank was removed by construction company. Ground is drenched with gasoline.

EXXON MOBIL (Continued) **S104789814**

Material:

Site ID:	342683
Operable Unit ID:	1101404
Operable Unit:	01
Material ID:	581570
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	0007323
DER Facility ID:	81242
Facility Type:	ER
Site ID:	88873
DEC Region:	2
Spill Date:	9/21/2000
Spill Number/Closed Date:	0007323 / 7/11/2003
Spill Cause:	Human Error
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	9/22/2000
CID:	389
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/22/2000
Spill Record Last Update:	7/11/2003
Spiller Name:	MIKE MEOLA
Spiller Company:	EXXONMOBIL
Spiller Address:	718 11TH AVENUE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	GAS VAPORS IN THE BULL MCCABE RESTRUANT AND BAR BECAME INTENSE NYC FIRE DEPT RESPONDED ATTEMPTING TO VENT BASEMENT FROM FROM VAPORSTHESE VAPORS HAVE BEEN ON GOING DURING HEAVY RAIN EVENTS.

EXXON MOBIL (Continued) **S104789814**

Material:

Site ID:	88873
Operable Unit ID:	830002
Operable Unit:	01
Material ID:	548416
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

M122 **CON EDISON** **NY MANIFEST** **S112210931**
NNE **526 W 55 ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.103 mi.
544 ft. **Site 1 of 4 in cluster M**

Relative:
Lower

Actual:
19 ft.

NY MANIFEST:

EPA ID:	NYP004271359
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271359
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0

CON EDISON (Continued) **S112210931**

Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457306JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

I123 **CON EDISON** **NY MANIFEST** **S112210929**
NE **510 W 55 ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.104 mi.
550 ft. **Site 6 of 24 in cluster I**

Relative:
Higher

Actual:
32 ft.

NY MANIFEST:

EPA ID:	NYP004271334
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271334
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.

CON EDISON (Continued) **S112210929**

Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457307JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

M124 **HARBORVIEW HOUSES -NYCHA** **NY LTANKS S104275582**
NE **525 WEST 55TH ST** **NY Spills N/A**
< 1/8 **MANHATTAN, NY**
0.104 mi.
551 ft. **Site 2 of 4 in cluster M**

Relative:
Higher

Actual:
25 ft.

LTANKS:

Site ID:	69515
Spill Number/Closed Date:	9806616 / 10/24/2005
Spill Date:	8/28/1998
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	8/28/1998
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/28/1998
Spill Record Last Update:	10/24/2005
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY 10007-
Spiller County:	001
Spiller Contact:	FRANK OCELLO
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	277380
DEC Memo:	10/24/05: This spill closed to consolidate with open spill #0206086. S.Kraszewski
Remarks:	tank will be emptied and retested

HARBORVIEW HOUSES -NYCHA (Continued) **S104275582**

Material:

Site ID:	69515
Operable Unit ID:	1064225
Operable Unit:	01
Material ID:	317767
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	69515
Spill Tank Test:	1546204
Tank Number:	1
Tank Size:	30225
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

Site ID:	60214
Spill Number/Closed Date:	9002419 / 6/22/1995
Spill Date:	6/1/1990
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	6/22/1995
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	6/1/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/5/1990
Spill Record Last Update:	11/7/2005
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported

HARBORVIEW HOUSES -NYCHA (Continued) **S104275582**

Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	277380
DEC Memo:	Not reported
Remarks:	30K TANK FAILED HORNER EZY CHECK, VISUAL GROSS LEAK, WILL REPAIR LEAK & RETEST. UPDATE-SITE INVESTIGATION FOUND NO SIGNIF. ENVIRONMENTAL IMPACTS.

Material:

Site ID:	60214
Operable Unit ID:	942271
Operable Unit:	01
Material ID:	437160
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	60214
Spill Tank Test:	1537146
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

SPILLS:

Facility ID:	0206086
DER Facility ID:	277380
Facility Type:	ER
Site ID:	69514
DEC Region:	2
Spill Date:	9/12/2002
Spill Number/Closed Date:	0206086 / 3/22/2011
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	9/12/2002
CID:	198
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Affected Persons

HARBORVIEW HOUSES -NYCHA (Continued) **S104275582**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/12/2002
Spill Record Last Update:	3/22/2011
Spiller Name:	CHARLES MCINNIS
Spiller Company:	HARBORVIEW HOUSES
Spiller Address:	525 WEST 55TH ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	CHARLES MCINNIS
Contact Phone:	(718) 707-5725
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"11/07/05: This spill transferred from J.Kolleeny to S.Kraszewski.11/30/05: Reviewed Post-Excavation Site Assessment Report prepared by Emipre Environmental Services, submitted December 2002. 650 tons of contaminated soil was removed and disposed of by Allied Waste. Six end point samples were taken from excavation area and analyzed. Two samples show 5 SVOCs above RSCO standards. Only one sample had a PID reading: 0.4ppm. No VOCs were detected. However, depth of the soil borings are not given for any samples taken. Nor is it mentioned if GW was encountered during borings or during tank excavation. Also, no fill port labeled on the diagram and no sample taken at fill port. Must call about fill port and samples. - SK01/04/06: Only contact number available is for Derek Martin, Heating Coordinator for NYCHA. Several unsucessful attempts to contact him thus far. Will continue to try and reach him. - SK01/09/06: Frank Inoa from NYCHA called with additional information about the assessment report. The report contains information about the piping: the vent and fill lines were capped and the suction and return lines were removed. Soil excavated during removal of these lines was also disposed of properly. It is not likely that GW was encountered during the excavation. Frank called the consultant for more information and is waiting for their call. - SK01/13/06: Frank Inoa from NYCHA called with additional information for the site assessment. Soil along the fill lines and near the fill port was removed but samples were not taken. Talked with Jon about this situation and we decided that the site assessment was incomplete without the sampling of the fill port area and along the fill lines. I will email Frank a notification of remaining work to be done at the site:Sampling of the fill port areaSampling of the vent, fill, suction and return line area for every 20 feet of pipingA Work Action Plan for review by the Department - SK03/17/06: Sent out Email to Chris Sawyer mentioning additional soil borings along the fuel lines and next to the fill port. - SK11/28/06 - JKann - report submitted on 11/14. DEC lead transferred from S.Kraszewski to J. Kann.07/03/09 - J.Kann - work plan for investigation submitted in March 2009. Additional work proposed around the old fill port and lines. Email sent on July 3 include the following : "- The June 2006 report identifies an area of concern due to shallow contamination (SB-04). The focus of the 2009 work plan should be on this area. Based on the 2006 report, boring logs and the report indicate no petroleum odors or PID readings in the shallow samples of SB-6 and SB-5. Why are additional borings proposed in this area?"09/15/09: J.Kann - GF's

HARBORVIEW HOUSES -NYCHA (Continued) **S104275582**

response was "As for Harborview Houses, the borings are in a very limited space.Since SB-04 was the boring area of concern, a couple of the newdelineation borings surrounding the new boring proposed in the same areaof SB-04 are at the same locations of SB-05 and SB-06. The analyticalsamples collected from SB-05 and SB-06 in 2006 were collected from 16-20feet below ground surface. There is no shallow analytical to confirmthat these areas around the fill lines and fill port are not impacted.Since that data is three years old and it was unclear where impacts werecoming from the first time, borings in the area of SB-05 and SB-06 willhelp delineate the shallow impacts."WP was approved on 07/10/09.07/22/10: J.Kann - spoke with Gordon of Clean Ventures (908)878-9043. He said that one boring included in the plan by the fill line was not able to be advanced because of a scaffold being present. He asked if it could be completed with hand auger. I said that would be fine and to collect two samples one at 2 feet and one at 5 feet because previous reports showed some shallow exceedences.10/18/10: J.Kann - SAR received on 10/5/10.11/23/10: J.Kann - comments sent to NYCHA on SAR.3/22/11: Revised report sent on 11/30/10. Minor exceedences of SVOCs in fill area along fill pipe. Boring logs describe the area as "fill material: brown m.sand, trace brick, anthracite". A qualitative exposure assessment was included in the report. NFA.

Remarks: TANK REMOVAL FROM LOCATION AND GROUND CONTAMINATION FOUND. SOIL IS STOCKPILED AWAITING TEST RESULTS.

Material:

Site ID:	69514
Operable Unit ID:	858570
Operable Unit:	01
Material ID:	516696
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9111844
DER Facility ID:	277380
Facility Type:	ER
Site ID:	144066
DEC Region:	2
Spill Date:	2/14/1992
Spill Number/Closed Date:	9111844 / 11/29/1994
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	2/18/1992

HARBORVIEW HOUSES -NYCHA (Continued) **S104275582**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	11/29/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/20/1992
Spill Record Last Update:	11/30/2005
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	BROKEN FUEL TRANSFER PUMP SHAFT-ON CONCRETE FLOOR IN BOILER ROOM & SUMP PIT. WINSTON CLEANED UP.

Material:

Site ID:	144066
Operable Unit ID:	965507
Operable Unit:	01
Material ID:	416852
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	144066
Spill Tank Test:	1539630
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

L125 **THE BULL MCCABE** **NY LTANKS** **S105998617**
WSW **714 11TH AVE** **NY Spills** **N/A**
< 1/8 **MANHATTAN, NY**
0.105 mi.
552 ft. **Site 2 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

LTANKS:

Site ID:	88875
Spill Number/Closed Date:	0300184 / 7/11/2003
Spill Date:	4/5/2003
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	4/5/2003
CID:	282
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	4/5/2003
Spill Record Last Update:	7/11/2003
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	DAN CANAVAN
Spiller Phone:	(631) 285-6684
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	275385
DEC Memo:	Not reported
Remarks:	THERE ARE PETROLEUM VAPORS IN THE BASEMENT OF THE BUSINESS.

Material:

Site ID:	88875
Operable Unit ID:	868500
Operable Unit:	01
Material ID:	508266
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

THE BULL MCCABE (Continued) **S105998617**

SPILLS:

Facility ID:	0206844
DER Facility ID:	275385
Facility Type:	ER
Site ID:	88874
DEC Region:	2
Spill Date:	10/2/2002
Spill Number/Closed Date:	0206844 / 10/2/2002
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	10/2/2002
CID:	257
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/2/2002
Spill Record Last Update:	3/30/2005
Spiller Name:	JOANN WALLACH
Spiller Company:	THE BULL MCCABE
Spiller Address:	714 11TH AVE
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	JOANN WALLACH
Contact Phone:	(908) 474-2745
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"10/02/2002-VOUGHT-Spoke with Dan Caravan. Mobil station remediation going on next door to above address. Remediation system is a SVE system. Above address has a fresh air injection system for basement. Truck used to pump out SVE system had released vapors into fresh air injection system which then pumped vapors into above address. Dan Caravan took PID into above address and found non-detect levels. Caravan also installed a carbon filter at intake of fresh air injection sytem to prevent reoccurence of problem. Spill closed by Vought,
Remarks:	fumes from a truck that was cleaing out a groundwater storage tank

Material:

Site ID:	88874
Operable Unit ID:	859496
Operable Unit:	01
Material ID:	517436
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons

THE BULL MCCABE (Continued) **S105998617**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

M126 **EDR US Hist Auto Stat** **1015540133**
NE **525 W 55TH ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.105 mi.
553 ft. **Site 3 of 4 in cluster M**

Relative:
Higher

Actual:
26 ft.

EDR Historical Auto Stations:

Name: GERMAN TRANSMISSIONS
Year: 2003
Address: 525 W 55TH ST

Name: GERMAN TRANSMISSIONS
Year: 2008
Address: 525 W 55TH ST

Name: GERMAN TRANSMISSIONS
Year: 2009
Address: 525 W 55TH ST

Name: GERMAN TRANSMISSIONS
Year: 2010
Address: 525 W 55TH ST

N127 **PARK WEST H S - M535** **NY AST** **U003394188**
SSW **525 W 50 ST** **NY HIST AST** **N/A**
< 1/8 **N Y C, NY 10019**
0.105 mi.
554 ft. **Site 1 of 9 in cluster N**

Relative:
Higher

Actual:
22 ft.

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-353612
Program Type: PBS
UTM X: 585000.81808999996
UTM Y: 4513208.1931400001
Expiration Date: 2013/06/28

Affiliation Records:

Site Id: 17550
Affiliation Type: Mail Contact
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: JAMES A. MERLO
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY

PARK WEST H S - M535 (Continued) **U003394188**

Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
EMail:	JMERLO@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/2/2008

Site Id:	17550
Affiliation Type:	On-Site Operator
Company Name:	PARK WEST HS
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17550
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	JAMES A. MERLO
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
EMail:	Not reported
Fax Number:	Not reported
Modified By:	GDBREEN
Date Last Modified:	1/2/2013

Site Id:	17550
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG

PARK WEST H S - M535 (Continued) **U003394188**

Date Last Modified: 4/1/2013

Tank Info:

Tank Number: 001
Tank Id: 34427
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

L00 - Piping Leak Detection - None
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1977
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 04/22/2008

Tank Number: 002
Tank Id: 34428
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

L00 - Piping Leak Detection - None
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 3

PARK WEST H S - M535 (Continued) **U003394188**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1977
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	04/22/2008

HIST AST:

PBS Number:	2-353612
SWIS Code:	6201
Operator:	PLANT OPERATION
Facility Phone:	(718) 391-6000
Facility Addr2:	525 W 50 ST
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(212) 979-3300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK C/O BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CARDELLO NTROL
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5 FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/29/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	40000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62

PARK WEST H S - M535 (Continued) **U003394188**

Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 20000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 002
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 20000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

N128 **X** **NY LTANKS** **S105997526**
SSW **520 WEST 50TH ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.106 mi.
558 ft. **Site 2 of 9 in cluster N**

Relative:
Higher

Actual:
22 ft.

LTANKS:

Site ID:	69513
Spill Number/Closed Date:	0209190 / 1/24/2006
Spill Date:	12/6/2002
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	12/6/2002
CID:	199
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/6/2002
Spill Record Last Update:	1/24/2006
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	MARIA AILIVA
Spiller Phone:	(212) 362-9298
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	66082
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"ARAKHAN 12/09/2002 TANK TEST FAILURE LETTER SENT ON 12/09.02/04/04Transferred from Vought to Sawyer12/1/05- DEC Piper spoke w/ property manger Marcia Trainor, at Merlot Mangement. TTF Letter faxed and mailed to her attention F 212.362.1036She will start pulling file.1/24/06- DEC Piper revieved info provided by Merlot Mgmt., replaced vent line and passed test on 2/26/03. Spill closed.
Remarks:	vent line is leaking - line will be repaired and retested

Material:

Site ID:	69513
Operable Unit ID:	862359
Operable Unit:	01
Material ID:	516168
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons

X (Continued) **S105997526**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 69513
Spill Tank Test: 1527798
Tank Number: 1
Tank Size: 2000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

I129 **EDR US Hist Auto Stat** **1015529395**
NE **508 W 55TH ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.106 mi.
559 ft. **Site 7 of 24 in cluster I**

Relative:
Higher

Actual:
34 ft.

EDR Historical Auto Stations:
Name: FIRESTONE MAGNUM AUTO WORKS
Year: 1999
Address: 508 W 55TH ST

Name: FIRESTONE MAGNUM AUTO WORKS
Year: 2000
Address: 508 W 55TH ST

I130 **55TH ST TAXI GARAGE INCTHE FOUNDRY** **NY UST** **U000396717**
NE **508 W 55 ST** **NY HIST UST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.106 mi.
559 ft. **Site 8 of 24 in cluster I**

Relative:
Higher

Actual:
34 ft.

UST:
Id/Status: 2-153451 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585295.16324000002
UTM Y: 4513487.4643299999

Affiliation Records:
Site Id: 4860
Affiliation Type: Mail Contact
Company Name: CLINTON 54 LLC C/O GOTHAN ORG.
Contact Type: Not reported
Contact Name: KENNETH MILLER
Address1: 1010 AVENUE OF THE AMERICAS, 4TH FL.
Address2: Not reported
City: NEW YORK

55TH ST TAXI GARAGE INCTHE FOUNDRY (Continued) **U000396717**

State: NY
Zip Code: 10018
Country Code: 001
Phone: (212) 599-0520
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 5/20/2005

Site Id: 4860
Affiliation Type: On-Site Operator
Company Name: 55TH ST TAXI GARAGE INCTHE FOUNDRY
Contact Type: Not reported
Contact Name: CHRIS KRUZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 706-7276
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 5/20/2005

Site Id: 4860
Affiliation Type: Emergency Contact
Company Name: CLINTON 54 LLC
Contact Type: Not reported
Contact Name: KATHERINE SABROFF
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 599-0520
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 5/20/2005

Site Id: 4860
Affiliation Type: Facility Owner
Company Name: CLINTON 54 LLC
Contact Type: VICE PRESIDENT FOR DEVELOPMENT
Contact Name: KENNETH MILLER
Address1: 1010 AVENUE OF THE AMERICAS 4TH FL.
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10018
Country Code: 001
Phone: (212) 599-0520
EMail: Not reported
Fax Number: Not reported

55TH ST TAXI GARAGE INCTHE FOUNDRY (Continued) **U000396717**

Modified By: KXTANG
Date Last Modified: 5/20/2005

Tank Info:

Tank Number: 005
Tank ID: 8130
Tank Status: Closed - Removed
Capacity Gallons: 1100
Install Date: 03/01/1970
Date Tank Closed: 12/01/1999
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: C
Modified By: KXTANG
Last Modified: 05/20/2005

Equipment Records:

E00 - Piping Secondary Containment - None
F04 - Pipe External Protection - Fiberglass
I04 - Overfill - Product Level Gauge (A/G)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K00 - Spill Prevention - None
B04 - Tank External Protection - Fiberglass
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 006
Tank ID: 206466
Tank Status: Closed - Removed
Capacity Gallons: 1100
Install Date: Not reported
Date Tank Closed: 12/01/1999
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: C
Modified By: KXTANG
Last Modified: 05/20/2005

55TH ST TAXI GARAGE INCTHE FOUNDRY (Continued) **U000396717**

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F04 - Pipe External Protection - Fiberglass
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None

HIST UST:

PBS Number:	2-153451
SPDES Number:	Not reported
Emergency Contact:	THE CITY OF NEW YORK
Emergency Telephone:	(212) 333-5929
Operator:	THE CITY OF NEW YORK
Operator Telephone:	(212) 246-9424
Owner Name:	THE CITY OF NEW YORK
Owner Address:	75 MAIDEN LANE
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Telephone:	(212) 806-8619
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Name:	55TH ST. TAXI GARAGE INC.
Mailing Address:	508 WEST 55TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	JERRY NAZARI
Mailing Telephone:	(212) 246-9424
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	508 W 55 ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	TRUCKING/TRANSPORTATION
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/12/1993
Expiration Date:	06/05/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	2200
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False

55TH ST TAXI GARAGE INCTHE FOUNDRY (Continued) **U000396717**

CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19700301
Capacity (gals):	2200
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	Other
Leak Detection:	Other
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	12/27/1987
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

N131 **514 WEST 50TH STREET HDFC** **NY AST** **A100183482**
SSW **514 WEST 50TH STREET** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.107 mi.
564 ft. **Site 3 of 9 in cluster N**

Relative:
Lower

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606913
Program Type:	PBS
UTM X:	585044.49037000001
UTM Y:	4513143.9215000002
Expiration Date:	2016/09/07

Affiliation Records:

Site Id:	28768
Affiliation Type:	Facility Owner
Company Name:	514 WEST 50TH STREET HDFC
Contact Type:	MANAGING AGENT
Contact Name:	JOHN COCO
Address1:	28-60 31ST STREET
Address2:	Not reported
City:	ASTORIA
State:	NY

514 WEST 50TH STREET HDFC (Continued) **A100183482**

Zip Code:	11102
Country Code:	001
Phone:	(718) 626-8833
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	8/22/2007

Site Id:	28768
Affiliation Type:	On-Site Operator
Company Name:	514 WEST 50TH STREET HDFC
Contact Type:	Not reported
Contact Name:	CAIUS FILIMON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 495-9773
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	8/22/2007

Site Id:	28768
Affiliation Type:	Emergency Contact
Company Name:	514 WEST 50TH STREET HDFC
Contact Type:	Not reported
Contact Name:	J.C. MANAGEMENT SERVICES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 626-8833
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/23/2011

Site Id:	28768
Affiliation Type:	Mail Contact
Company Name:	J.C. MANAGEMENT SERVICES
Contact Type:	Not reported
Contact Name:	JOHN COCO
Address1:	28-60 31ST STREET
Address2:	Not reported
City:	ASTORIA
State:	NY
Zip Code:	11102
Country Code:	001
Phone:	(718) 626-8833
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS

514 WEST 50TH STREET HDFC (Continued) **A100183482**

Date Last Modified: 6/23/2011

Tank Info:

Tank Number: 001
Tank Id: 62030
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/10/1976
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DXLIVING
Last Modified: 08/22/2007

N132 **520 WEST 50TH STREET INC.** **NY UST** **U003790883**
SSW **520-522 WEST 50TH STREET** **NY HIST UST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.107 mi.
564 ft. **Site 4 of 9 in cluster N**

Relative:
Higher

Actual:
22 ft.

UST:
Id/Status: 2-606177 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2016/07/05
UTM X: 585020.45559000003
UTM Y: 4513156.6350999996

Affiliation Records:
Site Id: 28041
Affiliation Type: Facility Owner
Company Name: 520 WEST 50TH ST INC
Contact Type: MANAGING AGENT
Contact Name: BETH MARKOWITZ
Address1: 201 WEST 91ST , SUITE 1D
Address2: Not reported
City: NEW YORK
State: NY

520 WEST 50TH STREET INC. (Continued) **U003790883**

Zip Code:	10024
Country Code:	001
Phone:	(212) 362-9298
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/2/2011

Site Id:	28041
Affiliation Type:	Mail Contact
Company Name:	MERLOT MGMT
Contact Type:	Not reported
Contact Name:	BETH MARKOWITZ
Address1:	201 WEST 91ST , SUITE 1D
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10024
Country Code:	001
Phone:	(212) 362-9298
EMail:	MERLOTMGMT@AOL.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/2/2011

Site Id:	28041
Affiliation Type:	On-Site Operator
Company Name:	520 WEST 50TH STREET INC.
Contact Type:	Not reported
Contact Name:	JOHN FITZPATRICK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 315-1396
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/16/2008

Site Id:	28041
Affiliation Type:	Emergency Contact
Company Name:	520 WEST 50TH ST INC
Contact Type:	Not reported
Contact Name:	BETH MARKOWITZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 362-9298
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR

520 WEST 50TH STREET INC. (Continued) **U003790883**

Date Last Modified: 4/16/2008

Tank Info:

Tank Number:	001
Tank ID:	61067
Tank Status:	In Service
Capacity Gallons:	2000
Install Date:	03/31/1987
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	01/16/2013
Next Test Date:	01/16/2018
Pipe Model:	Not reported
Modified By:	BKFALVEY
Last Modified:	02/06/2013

Equipment Records:

I00 - Overfill - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

HIST UST:

PBS Number:	2-606177
SPDES Number:	Not reported
Emergency Contact:	BETH MARKOWITZ
Emergency Telephone:	(212) 362-9298
Operator:	JOHN FITZPATRICK
Operator Telephone:	(212) 315-1396
Owner Name:	520 WEST 50 STREET INC.
Owner Address:	520-522 WEST 50TH STREET
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 362-9298
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Name:	MERLOT MANAGEMENT
Mailing Address:	2190 BROADWAY
Mailing Address 2:	SUITE 300
Mailing City,St,Zip:	NEW YORK, NY 10024
Mailing Contact:	BETH MARKOWITZ
Mailing Telephone:	(212) 362-9298
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist

520 WEST 50TH STREET INC. (Continued) **U003790883**

	or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/06/2001
Expiration Date:	07/05/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Not reported
Leak Detection:	Double Bottom
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	12/27/1987
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

N133 **530-32 W 50 ST** **NY AST** **U004045630**
SSW **530-32 WEST 50 ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.107 mi.
564 ft. **Site 5 of 9 in cluster N**

Relative:
Higher

Actual:
24 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-112720
Program Type:	PBS
UTM X:	585011.66264999995
UTM Y:	4513160.64224
Expiration Date:	N/A

Affiliation Records:

Site Id:	3586
Affiliation Type:	Facility Owner
Company Name:	DOUBLE B REALTY ASSOCIATES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	C/O LAB PLUMBING & HEATING CO INC
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(718) 273-2138
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3586
Affiliation Type:	Mail Contact
Company Name:	DOUBLE B REALTY ASSOCIATES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	C/O LAB PLUMBING & HEATING CO., INC
Address2:	530 WEST 50TH STREET
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 246-9690
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3586
Affiliation Type:	On-Site Operator
Company Name:	530-32 W 50 ST
Contact Type:	Not reported
Contact Name:	MULLEN & WOODS INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

530-32 W 50 ST (Continued) **U004045630**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 265-5790
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3586
Affiliation Type:	Emergency Contact
Company Name:	DOUBLE B REALTY ASSOCIATES
Contact Type:	Not reported
Contact Name:	MIKE CAMERICUL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 265-5790
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	5540
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/01/1989
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

M134 **CON EDISON** **NY MANIFEST** **S112210944**
NNE **559 W 55 ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.107 mi.
564 ft. **Site 4 of 4 in cluster M**

Relative:
Higher

Actual:
26 ft.

NY MANIFEST:

EPA ID:	NYP004271482
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-02
Trans1 Recv Date:	2012-10-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271482
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457284JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

N135
SW
< 1/8
0.108 mi.
568 ft.

540 W 50TH ST
NEW YORK, NY 10019

Site 6 of 9 in cluster N

EDR US Hist Auto Stat **1015546081**
N/A

Relative:
Higher

Actual:
26 ft.

EDR Historical Auto Stations:

Name:	JB COLLISION INC
Year:	2001
Address:	540 W 50TH ST
Name:	AUTO CARE WEST INC
Year:	2002
Address:	540 W 50TH ST
Name:	AUTO CARE WEST INC
Year:	2008
Address:	540 W 50TH ST

J136
South
< 1/8
0.108 mi.
568 ft.

WEST SIDE CLEANERS
734 10TH AVE
NEW YORK, NY 10019

Site 4 of 11 in cluster J

RCRA-CESQG **1000694312**
FINDS **NYD987006178**
NY MANIFEST
US AIRS

Relative:
Higher

Actual:
36 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	JOHNS VALET
Facility address:	734 10TH AVE NEW YORK, NY 10019
EPA ID:	NYD987006178
Mailing address:	10TH AVE NEW YORK, NY 10019
Contact:	JOHN RAMIREZ
Contact address:	10TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	(212) 489-0010
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOHN RAMIREZ
Owner/operator address:	NOT REQUIRED

WEST SIDE CLEANERS (Continued) **1000694312**

NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JOHN RAMIREZ
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: JOHNS VALET
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/12/1992
Facility name: JOHNS VALET
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001616029

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants.

WEST SIDE CLEANERS (Continued) **1000694312**

AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

NY MANIFEST:

EPA ID:	NYD987006178
Country:	USA
Mailing Name:	JOHNS VALET
Mailing Contact:	JOHNS VALET
Mailing Address:	734 10TH AVE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-489-0010

Document ID:	NJA1359124
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921231
Trans1 Recv Date:	921231
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921231
Part A Recv Date:	930108
Part B Recv Date:	930120
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00180
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

WEST SIDE CLEANERS (Continued) **1000694312**

Document ID:	NJA2157079
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950718
Trans1 Recv Date:	950718
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950718
Part A Recv Date:	950726
Part B Recv Date:	950802
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2681315
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	970528
Trans1 Recv Date:	970528
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970528
Part A Recv Date:	970606
Part B Recv Date:	970620
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYC6878046
Manifest Status:	Not reported

WEST SIDE CLEANERS (Continued) **1000694312**

Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	10/10/2002
Trans1 Recv Date:	10/10/2002
Trans2 Recv Date:	10/17/2002
TSD Site Recv Date:	10/18/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NY94886JE
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00380
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2002

Document ID:	NJA2096967
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950421
Trans1 Recv Date:	950421
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950421
Part A Recv Date:	950428
Part B Recv Date:	950505
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA1613844
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported

WEST SIDE CLEANERS (Continued) **1000694312**

Generator Ship Date:	930614
Trans1 Recv Date:	930614
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930614
Part A Recv Date:	930624
Part B Recv Date:	930628
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NJA2041892
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950112
Trans1 Recv Date:	950112
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950112
Part A Recv Date:	950123
Part B Recv Date:	950126
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2093541
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950920
Trans1 Recv Date:	950920
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950920
Part A Recv Date:	950928
Part B Recv Date:	951003
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported

WEST SIDE CLEANERS (Continued) **1000694312**

TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2253779
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	951213
Trans1 Recv Date:	951213
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951213
Part A Recv Date:	951220
Part B Recv Date:	951222
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NYC4892758
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	11590PNY
Generator Ship Date:	971124
Trans1 Recv Date:	971124
Trans2 Recv Date:	971205
TSD Site Recv Date:	971208
Part A Recv Date:	971211
Part B Recv Date:	980115
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	NYD980769947
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported

WEST SIDE CLEANERS (Continued) **1000694312**

Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NYC4582462
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: MOD095038998
Generator Ship Date: 12/07/1998
Trans1 Recv Date: 12/07/1998
Trans2 Recv Date: 12/09/1998
TSD Site Recv Date: 12/10/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987006178
Trans1 EPA ID: OHD980587364
Trans2 EPA ID: Not reported
TSDF ID: NJDEP0869
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00180
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NYC5758762
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: NJD071629976
Generator Ship Date: 01/13/2003
Trans1 Recv Date: 01/13/2003
Trans2 Recv Date: 01/17/2003
TSD Site Recv Date: 01/20/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987006178
Trans1 EPA ID: OHD980587364
Trans2 EPA ID: Not reported
TSDF ID: NY94886JE
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00380
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2003

WEST SIDE CLEANERS (Continued) **1000694312**

Document ID:	NYC7006983
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	04/03/2003
Trans1 Recv Date:	04/03/2003
Trans2 Recv Date:	04/11/2003
TSD Site Recv Date:	04/14/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NY94885JE
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2003

Document ID:	NYC7075800
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	MOR000505347
Generator Ship Date:	08/28/2003
Trans1 Recv Date:	08/28/2003
Trans2 Recv Date:	09/04/2003
TSD Site Recv Date:	09/05/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NY55817JL
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2003

Document ID:	NYC4996686
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	Not reported
Generator Ship Date:	03/27/1998
Trans1 Recv Date:	03/27/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/07/1998
Part A Recv Date:	Not reported

WEST SIDE CLEANERS (Continued) **1000694312**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	85587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00180
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	Not reported
Generator Ship Date:	10/12/2007
Trans1 Recv Date:	10/12/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/19/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	60
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	003366247JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	Not reported
Generator Ship Date:	10/12/2007
Trans1 Recv Date:	10/12/2007

WEST SIDE CLEANERS (Continued) **1000694312**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/19/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	80
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	003366247JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	Not reported
Generator Ship Date:	10/12/2007
Trans1 Recv Date:	10/12/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/19/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987006178
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	130
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	003366247JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

WEST SIDE CLEANERS (Continued) **1000694312**

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: NYC6342772
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 01/09/2001
Trans1 Recv Date: 01/09/2001
Trans2 Recv Date: 01/11/2001
TSD Site Recv Date: 01/17/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987006178
Trans1 EPA ID: OHD980587364
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00280
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NYC6479774
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: NJD071629976
Generator Ship Date: 05/02/2001
Trans1 Recv Date: 05/02/2001
Trans2 Recv Date: 05/07/2001
TSD Site Recv Date: 05/08/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987006178
Trans1 EPA ID: OHD980587364
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00420
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

WEST SIDE CLEANERS (Continued) **1000694312**

Click this hyperlink while viewing on your computer to access
79 additional NY_MANIFEST: record(s) in the EDR Site Report.

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110004355368
Plant name:	WEST SIDE CLEANERS
Plant address:	734 10TH AVE NEW YORK, NY 100197019
County:	NEW YORK
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043
Sic code:	7216
Sic code desc:	DRYCLEANING PLANTS, EXCEPT RUG
North Am. industrial classf:	812320
NAIC code description:	Drycleaning and Laundry Services (except Coin-Operated)
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1001

WEST SIDE CLEANERS (Continued) **1000694312**

Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

WEST SIDE CLEANERS (Continued) **1000694312**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: M

Compliance & Violation Data by Minor Sources:
Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: NESHAP
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

WEST SIDE CLEANERS (Continued) **1000694312**

Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: UNCLASSIFIED
Repeat violator date: Not reported
Turnover compliance: Not reported

J137 **WEST SIDE CLNRS/JOHN'S VALET** **NY DRYCLEANERS** **S110248312**
South **734 TENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.108 mi.
568 ft. **Site 5 of 11 in cluster J**

Relative:
Higher

Actual:
36 ft.

DRYCLEANERS:
Facility ID: 2-6202-01570
Phone Number: 212-489-0010
Region: Not reported
Registration Effective Date: 10/9/2001 10:40:20:853
Inspection Date: 12AUG27
Install Date: 99/12
Drop Shop: Not reported
Shutdown: Y
Alternate Solvent: Not reported
Current Business: Not reported

L138 **I P I USA CORP** **RCRA NonGen / NLR** **1001961442**
West **609 W 51ST ST** **FINDS** **NYR000079186**
< 1/8 **NEW YORK, NY 10019** **NY MANIFEST**
0.108 mi.
570 ft. **Site 3 of 33 in cluster L**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: I P I USA CORP
Facility address: 609 W 51ST ST
NEW YORK, NY 100195008
EPA ID: NYR000079186
Mailing address: W 57TH ST SUITE 12A
NEW YORK, NY 10019
Contact: THOMAS MCGUIRE
Contact address: W 57TH ST SUITE 12A
NEW YORK, NY 10019
Contact country: US

I P I USA CORP (Continued) **1001961442**

Contact telephone: (718) 994-2000
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: IPI USA CORP
Owner/operator address: 50 W 57TH ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 307-9300
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: IPI USA CORP
Owner/operator address: 50 W 57TH ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 307-9300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: I P I USA CORP
Classification: Not a generator, verified

Date form received by agency: 12/10/1999
Facility name: I P I USA CORP
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

I P I USA CORP (Continued) **1001961442**

Registry ID: 110004558005

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYR000079186
Country:	USA
Mailing Name:	ITI USA CORP
Mailing Contact:	JAN WOLKOWICZ
Mailing Address:	609 W 51ST ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10101
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-994-2000

Document ID:	NYG1709838
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	12/13/1999
Trans1 Recv Date:	12/13/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/14/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000079186
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	NYPP5193
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	07500
Units:	P - Pounds
Number of Containers:	026
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

I139 **SITE FIVE, H.D.F.C.** **NY AST** **A100139038**
NE **504 WEST 55TH STREET** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.109 mi.
574 ft. **Site 9 of 24 in cluster I**

Relative:
Higher

Actual:
35 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-603955
Program Type:	PBS
UTM X:	585300.34233999997
UTM Y:	4513484.8595200004
Expiration Date:	2014/03/04

Affiliation Records:

Site Id:	25846
Affiliation Type:	Facility Owner
Company Name:	SITE FIVE, H.D.F.C.
Contact Type:	AGENT
Contact Name:	JOSH KOPPEL
Address1:	500 W 55TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 581-4408
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/19/2009

Site Id:	25846
Affiliation Type:	Mail Contact
Company Name:	SITE FIVE, H.D.F.C.
Contact Type:	Not reported
Contact Name:	JOSH KOPPEL
Address1:	850 BRONX RIVER RD
Address2:	SUITE 108
City:	YONKERS
State:	NY
Zip Code:	10708
Country Code:	001
Phone:	(914) 237-1600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/23/2009

Site Id:	25846
Affiliation Type:	On-Site Operator
Company Name:	SITE FIVE, H.D.F.C.
Contact Type:	Not reported
Contact Name:	ELDON BULLOCK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

SITE FIVE, H.D.F.C. (Continued) **A100139038**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 581-4408
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25846
Affiliation Type:	Emergency Contact
Company Name:	SITE FIVE, H.D.F.C.
Contact Type:	Not reported
Contact Name:	JOSH KOPPEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(914) 237-1600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/19/2009

Tank Info:

Tank Number:	001
Tank Id:	56143
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F06 - Pipe External Protection - Wrapped
B01 - Tank External Protection - Painted/Asphalt Coating
A99 - Tank Internal Protection - Other
F01 - Pipe External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
H03 - Tank Leak Detection - Vapor Well

Tank Location:	1
Tank Type:	Concrete
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1918
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS

SITE FIVE, H.D.F.C. (Continued) **A100139038**

Last Modified: 02/19/2009

J140 **EDR US Hist Auto Stat** **1015508635**
SSE **465 W 51ST ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.109 mi.
575 ft. **Site 6 of 11 in cluster J**

Relative:
Higher

Actual:
40 ft.

EDR Historical Auto Stations:

Name:	TOWING AND REPAIR
Year:	1999
Address:	465 W 51ST ST
Name:	TOWING AND REPAIR
Year:	2000
Address:	465 W 51ST ST
Name:	24 HOURS AUTO TOWING
Year:	2010
Address:	465 W 51ST ST

E141 **CON EDISON** **NY MANIFEST** **S112210904**
ESE **442 W 53RD ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.109 mi.
577 ft. **Site 23 of 23 in cluster E**

Relative:
Higher

Actual:
42 ft.

NY MANIFEST:

EPA ID:	NYP004271060
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046

CON EDISON (Continued) **S112210904**

Waste Code:	Not reported
Quantity:	1500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457234JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457234JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

N142 **534 WEST 50TH ST** **NY AST** **U003387792**
SW **534 WEST 50TH ST** **NY HIST AST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.109 mi.
578 ft. **Site 7 of 9 in cluster N**

Relative:
Higher

Actual:
25 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-234648
Program Type:	PBS
UTM X:	584981.86300000001
UTM Y:	4513204.8669600002
Expiration Date:	2012/07/10

Affiliation Records:

Site Id:	8602
Affiliation Type:	On-Site Operator
Company Name:	534 WEST 50TH ST
Contact Type:	Not reported
Contact Name:	CHARLES BARRIOS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 579-0318
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8602
Affiliation Type:	Emergency Contact
Company Name:	RONALD DEMILT
Contact Type:	Not reported
Contact Name:	CHARLES BARRIOS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 579-0318
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8602
Affiliation Type:	Facility Owner
Company Name:	RONALD DEMILT
Contact Type:	OWNER
Contact Name:	RONALD DEMILT
Address1:	P.O. BOX 862, PLANETARIUM STATION
Address2:	Not reported
City:	NEW YORK
State:	NY

534 WEST 50TH ST (Continued) **U003387792**

Zip Code:	10024
Country Code:	001
Phone:	(212) 579-0318
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2/14/2008

Site Id:	8602
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	RONALD DEMILT
Address1:	P.O. BOX 862
Address2:	PLANETARIUM STATION
City:	NEW YORK
State:	NY
Zip Code:	10024
Country Code:	001
Phone:	(212) 579-0318
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	3/28/2007

Tank Info:

Tank Number:	001
Tank Id:	12592
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1969
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	03/28/2007

534 WEST 50TH ST (Continued) **U003387792**

HIST AST:

PBS Number:	2-234648
SWIS Code:	6201
Operator:	CHARLES BARRIOS
Facility Phone:	(212) 579-0318
Facility Addr2:	534 WEST 50TH ST
Facility Type:	APARTMENT BUILDING
Emergency:	CHARLES BARRIOS
Emergency Tel:	(212) 579-0318
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	RONALD DEMILT
Owner Address:	P.O. BOX 862 PLANETARIUM STATION
Owner City,St,Zip:	NEW YORK, NY 10024
Federal ID:	Not reported
Owner Tel:	(212) 579-0318
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	RONALD DEMILT
Mailing Address:	P.O. BOX 862
Mailing Address 2:	PLANETARIUM STATION
Mailing City,St,Zip:	NEW YORK, NY 10024
Mailing Telephone:	(212) 579-0318
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	04/21/1998
Expiration:	07/10/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	01
Pipe Location:	Aboveground

534 WEST 50TH ST (Continued) **U003387792**

Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	01
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

I143 **CON EDISON** **NY MANIFEST** **S112210930**
NE **511 W 55TH ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.110 mi.
580 ft. **Site 10 of 24 in cluster I**

Relative:
Higher

Actual:
35 ft.

NY MANIFEST:

EPA ID:	NYP004271342
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271342
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.

CON EDISON (Continued) **S112210930**

Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457308JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

I144 **LOT 25,TAXBLOCK 1084** **NY E DESIGNATION** **S108075235**
NE **511 WEST 55 STREET** **N/A**
< 1/8 **MANHATTAN, NY 10019**
0.110 mi.
580 ft. **Site 11 of 24 in cluster I**

Relative:
Higher

Actual:
35 ft.

E DESIGNATION:

Tax Lot(s):	25
E-No:	E-106
Effective Date:	11/20/2001
Satisfaction Date:	Not reported
Ceqr Number:	01DCP024M
Ulurp Number:	010689 ZMM
Zoning Map No:	8c
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	MN
Community District:	104
Census Tract:	135
Census Block:	1006
School District:	02
City Council District:	06
Fire Company:	E040
Health Area:	15
Police Precinct:	018
Zone District 1:	R8
Zone District 2:	C2-7
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	CL
Special Purpose District2:	Not reported
All Components1:	R8/CL
All Components2:	C2-7
Split Boundary Indicator:	Y
Building Class:	D8
Land Use Category:	03
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	WEST 55-56 STREET HOL
Lot Area:	000040166
Total Building Floor Area:	00000390953
Commercial Floor Area:	00000037790
Office Floor Area:	00000000000
Retail Floor Area:	00000016290

LOT 25,TAXBLOCK 1084 (Continued) **S108075235**

Garage Floor Area:	00000021500
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	024.00
Residential Units:	00371
Non and Residential Units:	00375
Lot Frontage:	0200.83
Lot Depth:	0200.00
Building Frontage:	0200.00
Building Depth:	0150.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00004500000
Total Assessed Value:	00034830000
Land Exempt Value:	00001738128
Total Exempt Value:	00032068128
Year Built:	2002
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0009.73
Maximum Allowable Far:	6.02
Borough Code:	1
Borough Tax Block And Lot:	1010840025
Condominium Number:	00000
Census Tract 2:	0135
X Coordinate:	0987101
Y Coordinate:	0219131
Zoning Map:	08C
Sanborn Map:	106W008
Tax Map:	10405
E Designation No:	E-106
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

I145
NE
< 1/8
0.110 mi.
580 ft.

511 W 55TH ST
NEW YORK, NY 10019

Site 12 of 24 in cluster I

EDR US Hist Auto Stat **1015531883**
N/A

Relative:
Higher

Actual:
35 ft.

EDR Historical Auto Stations:

Name:	ACC CAR CARE CTR
Year:	2004
Address:	511 W 55TH ST
Name:	MILAGROS AUTO REPAIR TECH
Year:	2010
Address:	511 W 55TH ST
Name:	MILAGROS AUTO REPAIR TECHNICIANS
Year:	2011
Address:	511 W 55TH ST
Name:	MILAGROS AUTO REPAIR TECHNICIANS
Year:	2012
Address:	511 W 55TH ST

L146
WSW
< 1/8
0.110 mi.
580 ft.

LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC
711 ELEVENTH AVENUE
NEW YORK, NY 10019

Site 4 of 33 in cluster L

NY AST **A100354075**
N/A

Relative:
Higher

Actual:
24 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-611425
Program Type:	PBS
UTM X:	Not reported
UTM Y:	Not reported
Expiration Date:	N/A

Affiliation Records:

Site Id:	440580
Affiliation Type:	Facility Owner
Company Name:	LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC
Contact Type:	MEMBER
Contact Name:	BARBARA SERIL
Address1:	30 EAST 76TH STREET, 4TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 327-0011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/1/2010
Site Id:	440580
Affiliation Type:	Mail Contact
Company Name:	LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC

LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC (Continued) **A100354075**

Contact Type:	Not reported
Contact Name:	BARBARA SERIL, PEARL SERIL
Address1:	30 EAST 76TH STREET
Address2:	4TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 327-0011
EMail:	BSSERIL@AOL.COM
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	10/8/2010

Site Id:	440580
Affiliation Type:	On-Site Operator
Company Name:	LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/1/2010

Site Id:	440580
Affiliation Type:	Emergency Contact
Company Name:	LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC
Contact Type:	Not reported
Contact Name:	BARBAR SERIL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 327-0011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/1/2010

Tank Info:

Tank Number:	001
Tank Id:	236167
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC (Continued) **A100354075**

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
I00 - Overfill - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 01/01/1950
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/21/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 12/01/2010

Tank Number: 002
Tank Id: 236168
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
I00 - Overfill - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 01/01/1950
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/21/2010
Register: True
Modified By: NRLOMBAR

LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC (Continued) **A100354075**

Last Modified: 12/01/2010

Tank Number: 004
Tank Id: 236170
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
I00 - Overfill - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 01/01/1950
Capacity Gallons: 6000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/25/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 12/01/2010

Tank Number: 005
Tank Id: 237060
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
I00 - Overfill - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron

LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC (Continued) **A100354075**

Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/21/2010
Register:	True
Modified By:	NRLOMBAR
Last Modified:	12/01/2010

Tank Number:	006
Tank Id:	237061
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
I00 - Overfill - None

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/21/2010
Register:	True
Modified By:	NRLOMBAR
Last Modified:	12/01/2010

L147 **EDR US Hist Auto Stat** **1015611240**
WSW **711 11TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.110 mi.
580 ft. **Site 5 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

EDR Historical Auto Stations:

Name:	ACA CAR FIX 24 HOUR
Year:	2010
Address:	711 11TH AVE
Name:	A C A CAR FIX 24 HOUR

(Continued) **1015611240**

Year: 2011
Address: 711 11TH AVE

Name: A C A CAR FIX 24 HOUR
Year: 2012
Address: 711 11TH AVE

L148 **MANHATTAN JEEP CHRYSLER DODGE, INC.** **NY AST** **A100294941**
WSW **711 ELEVENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.110 mi.
580 ft. **Site 6 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609192
Program Type: PBS
UTM X: 584865.80044000002
UTM Y: 4513290.1970199998
Expiration Date: 2013/08/11

Affiliation Records:
Site Id: 31037
Affiliation Type: Facility Owner
Company Name: LTS 711 11TH AVE LLC;BSS 711 11TH AVE LLC
Contact Type: MEMBER
Contact Name: BARBARA SERIL
Address1: 30 EAST 76TH ST 4TH FLR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10021
Country Code: 001
Phone: (212) 327-0011
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 11/16/2010

Site Id: 31037
Affiliation Type: Mail Contact
Company Name: LTS 711 11TH AVE LLC;BSS 711 11TH AVE LLC
Contact Type: Not reported
Contact Name: BARBARA & PEARL SERIL
Address1: 30 EAST 76TH ST 4TH FLR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10021
Country Code: 001
Phone: (212) 327-0011
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 11/16/2010

MANHATTAN JEEP CHRYSLER DODGE, INC. (Continued) **A100294941**

Site Id:	31037
Affiliation Type:	On-Site Operator
Company Name:	MANHATTAN JEEP CHRYSLER DODGE, INC.
Contact Type:	Not reported
Contact Name:	ROBERT SAMPOGNE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 765-6634
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/16/2010

Site Id:	31037
Affiliation Type:	Emergency Contact
Company Name:	LTS 711 11TH AVE LLC;BSS 711 11TH AVE LLC
Contact Type:	Not reported
Contact Name:	BARBARA SERIL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 327-0011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/16/2010

Tank Info:

Tank Number:	001
Tank Id:	66719
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported

MANHATTAN JEEP CHRYSLER DODGE, INC. (Continued) **A100294941**

Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/07/2007
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/16/2010

Tank Number:	002
Tank Id:	66720
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/07/2007
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/16/2010

Tank Number:	003
Tank Id:	66721
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

MANHATTAN JEEP CHRYSLER DODGE, INC. (Continued) **A100294941**

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/07/2007
Register: True
Modified By: MSBAPTIS
Last Modified: 11/16/2010

Tank Number: 004
Tank Id: 66722
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/07/2007
Register: True
Modified By: MSBAPTIS
Last Modified: 11/16/2010

Tank Number: 005
Tank Id: 66723
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle

MANHATTAN JEEP CHRYSLER DODGE, INC. (Continued) **A100294941**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/07/2007
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/16/2010

Tank Number:	006
Tank Id:	66724
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/07/2007
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/16/2010

Tank Number:	007
Tank Id:	236873
Material Code:	0022

MANHATTAN JEEP CHRYSLER DODGE, INC. (Continued) **A100294941**

Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

J00 - Dispenser - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
H05 - Tank Leak Detection - In-Tank System (ATG)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/2007
Capacity Gallons: 980
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 11/16/2010

Tank Number: 008
Tank Id: 236874
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:

J00 - Dispenser - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
H05 - Tank Leak Detection - In-Tank System (ATG)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/2007
Capacity Gallons: 275

MANHATTAN JEEP CHRYSLER DODGE, INC. (Continued) **A100294941**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 11/16/2010

Tank Number: 009
Tank Id: 236875
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/07/2007
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 11/16/2010

Tank Number: 010
Tank Id: 236876
Material Code: 0021
Common Name of Substance: Transmission Fluid

Equipment Records:
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None

MANHATTAN JEEP CHRYSLER DODGE, INC. (Continued) **A100294941**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/07/2007
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/16/2010

L149 **MANHATTAN JEEP EAGLE INC** **RCRA-SQG** **1004757000**
WSW **711 11TH AVE** **FINDS** **NYD982741274**
< 1/8 **NEW YORK, NY 10019** **NY MANIFEST**
0.110 mi.
580 ft. **Site 7 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

RCRA-SQG:

Date form received by agency:	01/01/2007
Facility name:	MANHATTAN JEEP EAGLE INC
Facility address:	711 11TH AVE NEW YORK, NY 10019
EPA ID:	NYD982741274
Mailing address:	11TH AVE NEW YORK, NY 10019
Contact:	Not reported
Contact address:	11TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	JOHN MONNINGER
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JOHN MONNINGER
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MANHATTAN JEEP EAGLE INC
Classification: Small Quantity Generator

Date form received by agency: 05/02/1995
Facility name: MANHATTAN JEEP EAGLE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/30/1989
Facility name: MANHATTAN JEEP EAGLE INC
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/13/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004431892

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYD982741274
Country:	USA
Mailing Name:	MANHATTAN AMC JEEP INC
Mailing Contact:	MANHATTAN AMC JEEP INC
Mailing Address:	711 11TH AVE AT 51ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	5052
Mailing Country:	USA
Mailing Phone:	212-765-6633

Document ID:	NJA1437695
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920428
Trans1 Recv Date:	920428
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920428
Part A Recv Date:	Not reported
Part B Recv Date:	920608
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00176
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1452707
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920522
Trans1 Recv Date:	920522
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920522
Part A Recv Date:	Not reported

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Part B Recv Date: 920609
Generator EPA ID: NYD982741274
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00176
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00036
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1422021
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920811
Trans1 Recv Date: 920811
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920811
Part A Recv Date: Not reported
Part B Recv Date: 920824
Generator EPA ID: NYD982741274
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00176
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00036
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1612301
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Generator Ship Date: 921217
Trans1 Recv Date: 921217
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921217
Part A Recv Date: 930106
Part B Recv Date: 921231
Generator EPA ID: NYD982741274
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00176
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1434287
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920831
Trans1 Recv Date: 920831
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920831
Part A Recv Date: 920918
Part B Recv Date: 920909
Generator EPA ID: NYD982741274
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00176
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1375510
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920925
Trans1 Recv Date: 920925
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920925
Part A Recv Date: 921104
Part B Recv Date: 921007
Generator EPA ID: NYD982741274
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00176
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA2045907
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 950103
Trans1 Recv Date: 950103
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950103
Part A Recv Date: 950203
Part B Recv Date: 950118
Generator EPA ID: NYD982741274
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00015
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00015
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00008
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NJA2089881

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950727
Trans1 Recv Date:	950727
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950727
Part A Recv Date:	950809
Part B Recv Date:	951011
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2670300
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	970401
Trans1 Recv Date:	970401
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970401
Part A Recv Date:	970422
Part B Recv Date:	970418
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00015
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00014
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Specific Gravity: 100
Year: 97

Document ID: NJA2579970
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 970926
Trans1 Recv Date: 970926
Trans2 Recv Date: Not reported
TSD Site Recv Date: 971009
Part A Recv Date: 971014
Part B Recv Date: 971223
Generator EPA ID: NYD982741274
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: SCD077995488
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00040
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA0712810
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 900130
Trans1 Recv Date: 900130
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900130
Part A Recv Date: 900228
Part B Recv Date: 900214
Generator EPA ID: NYD982741274
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00176
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0703295
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900319

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Trans1 Recv Date:	900319
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900319
Part A Recv Date:	900411
Part B Recv Date:	900329
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00176
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0732282
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900130
Trans1 Recv Date:	900130
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900130
Part A Recv Date:	900227
Part B Recv Date:	900214
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NJA0721122
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	891109
Trans1 Recv Date:	891109
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891109
Part A Recv Date:	891228
Part B Recv Date:	891121
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA0713471
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	891107
Trans1 Recv Date:	891107
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891107
Part A Recv Date:	891116
Part B Recv Date:	891121
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00176
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA0714751
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	891011
Trans1 Recv Date:	891011
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891011
Part A Recv Date:	891116
Part B Recv Date:	891018
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00176
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	89

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Document ID:	NJA2848292
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	971120
Trans1 Recv Date:	971120
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971120
Part A Recv Date:	971210
Part B Recv Date:	971218
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00016
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00032
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	97

Document ID:	NJA2850394
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	971216
Trans1 Recv Date:	971216
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971216
Part A Recv Date:	980106
Part B Recv Date:	980120
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00016
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00032
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels

MANHATTAN JEEP EAGLE INC (Continued) **1004757000**

Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	97

Document ID:	ILA9855197
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	Not reported
Generator Ship Date:	11/15/2001
Trans1 Recv Date:	11/15/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/30/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD980613913
Trans2 EPA ID:	Not reported
TSDF ID:	UPW151288
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00006
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2001

Document ID:	ILA9832905
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	Not reported
Generator Ship Date:	09/26/2001
Trans1 Recv Date:	09/26/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/02/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982741274
Trans1 EPA ID:	ILD980613913
Trans2 EPA ID:	Not reported
TSDF ID:	UPW151288
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2001

Click this hyperlink while viewing on your computer to access
286 additional NY_MANIFEST: record(s) in the EDR Site Report.

L150 **LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC** **NY UST** **U004159781**
WSW **711 ELEVENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.110 mi.
580 ft. **Site 8 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

UST:

Id/Status:	2-611425 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	Not reported
UTM Y:	Not reported

Affiliation Records:

Site Id:	440580
Affiliation Type:	Facility Owner
Company Name:	LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC
Contact Type:	MEMBER
Contact Name:	BARBARA SERIL
Address1:	30 EAST 76TH STREET, 4TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 327-0011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/1/2010

Site Id:	440580
Affiliation Type:	Mail Contact
Company Name:	LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC
Contact Type:	Not reported
Contact Name:	BARBARA SERIL, PEARL SERIL
Address1:	30 EAST 76TH STREET
Address2:	4TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 327-0011
EMail:	BSSERIL@AOL.COM
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	10/8/2010

Site Id:	440580
Affiliation Type:	On-Site Operator
Company Name:	LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC (Continued) **U004159781**

Country Code:	001
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/1/2010

Site Id:	440580
Affiliation Type:	Emergency Contact
Company Name:	LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC
Contact Type:	Not reported
Contact Name:	BARBAR SERIL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 327-0011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/1/2010

Tank Info:

Tank Number:	003
Tank ID:	236169
Tank Status:	Closed - In Place
Capacity Gallons:	6000
Install Date:	01/01/1950
Date Tank Closed:	10/25/2010
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	12/01/2010

Equipment Records:

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

LTS 711 11TH AVE LLC/BSS 711 11TH AVE LLC (Continued) **U004159781**

I00 - Overfill - None

L151 **CMJ CHRYSLER JEEP** **NY Spills** **S106719138**
WSW **711 11TH AV** **N/A**
< 1/8 **NEW YORK, NY**
0.110 mi.
580 ft. **Site 9 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

SPILLS:

Facility ID:	0304103
DER Facility ID:	213665
Facility Type:	ER
Site ID:	261641
DEC Region:	2
Spill Date:	7/18/2003
Spill Number/Closed Date:	0304103 / 3/24/2008
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	7/18/2003
CID:	365
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/18/2003
Spill Record Last Update:	3/26/2008
Spiller Name:	MELISSA MICHAELS
Spiller Company:	CMJ CHRYSLER JEEP
Spiller Address:	711 11TH AV
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	MELISSA MICHAELS
Contact Phone:	(248) 512-3152
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"Sangesland DDOProblem with longterm bad practice with waste oil dumping. Six used oil tanks in a pit. Tanks fill up and the tanks tend to over fill and flow over into a containment pit. Long term, this oil has flowed through the cinderblock containment wall and gone down into the building basement.Chrysler Corporate office is taking lead to pay for cleanup. Building will under go a total renovation. There will be a showroom on the ground floor and service will be on the 2nd and 3rd floors. Repair of this spill is a small part of this renovation.7/21/2003-Vought-Called Kevin McGrath and left message. Vought called Chrysler and spoke with Bob Sampogne (212-765-6633) and clean up crew is working all day. Vought will perform site visit on 7/21/2003.7/22/2003-Vought-Site visit performed on 7/21. Visit summary: Waste oil spill on concrete from approximately seven manifolded 275 AST's. Concrete in good condition with no visible pathways to subsurface. Building scheduled for complete demolition in

CMJ CHRYSLER JEEP (Continued) **S106719138**

three weeks. No sewers or drains affected. Spill cleaned using speedy dry. PBS search indicated no waste oil tank registration. Vought called Sampogne and he will return call with registration information. Vought spoke to Kevin McGrath who is designing new waste oil containment room with secondary containment. According to McGrath their is another room under the AST area which is heavily impacted. No mention of the room was made by Sampogne. Site visit by Vought on 7/22 to inspect basement room. Speedy dry on basement floor with large area of oil staining over three rooms with small puddles of free product. Waste oil also found on floor of sprinkler room. Oil possibly entrapped in walls from second floor sink connected to ASTs on first floor. NYSDEC requires (in addition to above requirements) soil borings through three rooms and one in sprinkler room (a total of four borings). Vought sent letter with requirements to Melissa.7/23/2003-Vought-Spoke with Melissa who will be performing site visit on 7/30. Melissa stated that she will send email to Vought with responsible party information.7/24/03-Vought-Received call from Steven Boutin (Action Environmental 518-437-0337 (off) 518-441-7130 (cell)). Vought returned call.8/7/2003-Vought-Letter to DEC from Daimler Chrysler-Floors and walls in AST area were pressure washed and preliminary soil samples were collected from below basement floor.8/21/20003-Vought-Site visit by Vought on 8/21. Met with Kevin McGrath (EarthTec Enviro). Soil contamination found in soil boring along west wall of basement. Inspection of boiler room yielded two USTs (unknown product status) and a sump pit filled with free product. NYSDEC requires immediate 1)removal of impacted debris 2)emptying of tanks and sump pit 3)registration of USTs and waste oil tanks 4)site plan with boring locations and tank features 5)product recovery amounts 6)delineation of soil and groundwater contamination under UST room and/or endpoint sample analysis 7)disposal manifests 8)borings through base of waste oil impacted wall.8/25/2003-Vought-Received call from Steve Shoiniere (518-951-2262) from Earthtec in Albany who just spoke with Melissa Michaels. Hauler want PCB analyticals on product before disposal. Results will not be in until Wed or Thurs. Pickup is scheduled for Friday and Vought will receive call back upon pickup.8/26/2003-Vought-sent letter with requirements of 8/21 and Stipulation Agreement.8/29/03-Vought-Email from Melissa-Vac truck on site and all product from ASTs and sump pit was removed.9/4/03-Vought-Signed stipulation agreement received by DEC.9/16/03-Vought-Stipulation Agreement signed by Regional Director. 9/19/03-Vought-Spoke to Steve (Earthtec) and conference call is scheduled for 9/22 to duscuss updates.9/22/2003-Vought-Spoke with Melissa and Steve. Dealer sent in PBS registration, Vought will check with PBS. All product was removed. Fingerprint analysis was performed on product. Workplan will be submitted to DEC.1/7/04-Vought-Spill transferred from Vought to Austin.01/27/04 - Sawyer - Spill transferred from Austin to Sawyer.5/20/2004- Sangesland- Spill number 0401882 was called in. This spill number comes from a "hit" found on a monitoring well associated with an ExxonMobil Station at the corner of West 51st St & 11th Ave. The specific well with the "hit" is actually closer to the Chrysler/jeep building. ExxonMobil consultant (Dan Canavan 631-285-6684) said they will run a fingerprint on the sample and may try to disassociate the "hit" from the Exxon Mobil Station. 12/21/05 Sharif/ Case was transferred to Koon Tang for reassignment.3/1/06 - project manager info. (KST)Melissa M. Michaels, P.G., CHMMDaimlerChrysler800 Chrysler DriveCIMS 482-00-51Auburn

CMJ CHRYSLER JEEP (Continued) **S106719138**

Hills, MI 48326phone: 248-512-3152Fax: 248-576-7369Reviewed case file. Only slight exceedance of a few benzo compounds in soil, e.g 300 - 500 ppb of benzo(a)antracene, and 1200 ppb Chrysene. No VOCs or CVOCs in perched water, only slight detection of SVOCs - 77 ppb Pyrene. Site is closed. - KST11/29/07-Vought-Received call from Kevin McGrath (EarthTech 518-951-2251) who called and inquired why spill was closed and also indicated that oil staining will be pressure washed from floors and water from second floor drop sink into basement. Cleaning will begin monday(11/3) and on wed(11/5), 6(250-gallon) waste oil ASTs will be removed. ASTs will be replaced with lubecubes. Two (10,000-gallon) above ground ASTs for fuel oil are not piped but floor area around vault had free product in it. Vault had free product which was removed and floors were cleaned. Vault has not been inspected in two years and unsure if product present. Consent order signed for original investigation and unsure if tanks in basement are registered.12/5/07-Vought-After review of PBS database no registration found for site. DEC requires: 1)submission of PBS registration. Site inspection scheduled for 12/7 at 1:30pm. 12/7/07-Vought-Site visit by Vought. Earth Tech onsite installing new waste oil ASTs. Vought also met with Bob Sampogne (ph:212-765-6633 fax:212-399-7449). No signs of spill from second floor sink however USTs still present in boiler room and no investigation was done of subsurface as per 8/21/03 notes above which requires delineation of soil and groundwater under UST room. Since soil and groundwater was never investigated in boiler room and since free product found in sump, Spill 0751290 was opened due to possibility of heavy soil and or groundwater contamination beneath the boiler room floor. See spill 0751290 for further info on basement spill. This spill remains closed by Vought as separate and distinct spill.

Remarks: in excess of 100 gal - contained inside of the bldg but floor is not sealed - speedy dry & pads were put down

Material:

Site ID:	261641
Operable Unit ID:	871053
Operable Unit:	01
Material ID:	504968
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

L152 **MANHATTAN CHRYSLER JEEP DODGE** **NY Spills** **S108982853**
WSW **711 11TH AVENUE** **N/A**
< 1/8 **MANHATTAN, NY 10019**
0.110 mi.
580 ft. **Site 10 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

SPILLS:

Facility ID:	0751290
DER Facility ID:	341394
Facility Type:	ER
Site ID:	391791
DEC Region:	2
Spill Date:	12/7/2007
Spill Number/Closed Date:	0751290 / 11/29/2010
Spill Cause:	Housekeeping
Spill Class:	Not reported
SWIS:	3101
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	12/7/2007
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/4/2008
Spill Record Last Update:	11/29/2010
Spiller Name:	JOE FRANCAMONA
Spiller Company:	CHRYSLER FINANCIAL
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	JOE FRANCAMONA
Contact Phone:	(914) 645-6159
DEC Memo:	01/04/08-Vought-Site visit by Vought on 12/7/07 due to inquiry from Kevin McGrath (Earth Tech) who stated that a site visit was suggested to confirm cleanup for spill #0304103. Vought did confirm that this spill was cleaned (spill originally from second floor waste oil sink that ran down wall). Vought inspected basement of building (note that building owned by Chrysler Financial and not be Chrylser Jeep who owned waste oil sink and hence hired EarthTech. Due to new RP for basement spill and observed staining in utility pit, lack of PBS registration (tanks in boiler room are USTs in concrete coffins) and presence of free product under floor in adjacent rooms (see spill 0304103) this spill was opened.DEC requires: 1)PBS registration 2)TTF of both tank systems 3)removal of all impacted soil and debris from boiler room utility pit and sump pits 4)submission of condition of concrete in sump and utility pits 6)cc to Francamona and Bob Sampogne (Chrysler Jeep ph:212-765-6633 fax:212-399-7449).owner as per ACRIS:LTS 711 11th Avenue330 West 58th StreetSuite 513New York, NY 10019Vought called and spoke to Francamona who indicated that he also represented the tenant and that the owner was LTS 711 11th Avenue. Francomona requested that Vought send him email with preliminary info and he will return email with new updated address of LTS. Vought sent

MANHATTAN CHRYSLER JEEP DODGE (Continued) **S108982853**

email to Francamona.03/17/08-Vought-Received call from EarthTech McGrath and Francamona no longer working at Chrysler and Vought will contact Larry Jordan (Chyrsler Financial). Walter Howard at EarthTech will have info (518-951-2200). As Vought never received updated address from Francamona, CSL was not sent out. Vought called Walter Howard for current address and contact and Howard will return call to DEC with contact name and phone number.04/23/08-Vought-Received call on 3/19/08 from Walter Howard (EarthTech Ph:518-951-2300 Fax:518-951-2387) who requested a copy of DEC Letter. 04/26/08-Vought-Called Walter Howard and explained that original letter was never sent by DEC and requested address so that letter with the below requirements could be sent out. Howard will return call with contact for property owner for CSLNYSDEC requires immediate 1)removal of impacted debris 2)emptying of tanks and sump pit 3)registration of USTs and waste oil tanks 4)submission of PBS registration 5)delineation of soil and groundwater contamination 6)submission of inventory records if #2 or #4 fuel oil stored 7)tightness testing of tanks. 6/11/10-Vought-Spill transferred from DEC Vought to DEC Patel as per DEC Austin and Vought transfer to Section A.07/23/10-Hiralkumar Patel.alternate addresses: 711-717 11th Ave, 600-612 W 51st Streetno PBS record found.other spill #: 0304103.review of old documents:*-*-*-

MANHATTAN CHRYSLER JEEP DODGE (Continued) **S108982853**

paint or solvent- found oil in manhole, which was 2 ft north of sump location- oil sample was collected for fingerprint analysis (SUMP)- two large inactive boilers found in tank room- no evidence of oil was observed in elevator pit area- found oily-water in sump in fire pump room; a pipe entering the sump pit was oriented in such a manner suggesting that it may be connected to the sump in the former boiler room- oil-water was sampled from sump in fire pump room (SUMP2)- fingerprint results indicated that the sample SUMP contained 24% motor oil, 18% diesel and trace of gasoline- results for SUMP2 indicated that the sample contained 26% motor oil, 24% diesel and trace of gasoline- the DRO/ORO ratios in the sump samples are comparable to those in soil samples SB01 and SB02- on 08/29/03, Earth Tech removed product using vacuum truck- approx. 10 gal of oily water was removed from sump in fire pump room; sump pit was 2 ft by 2 ft and 3 ft deep; a 3 inch pipe located approx. 1 ft below floor grade on the east wall of the sump- approx. 100 gal of oily waste was removed from sump in former boiler room- approx. 40 gal of oily waste was removed from a manhole located 2 ft north of sump in boiler room; this manhole was 3 ft by 3 ft and 3 ft deep- no pipes found entering or existing this manhole in boiler room, but found another manhole at the bottom of this surface manhole; approx. 700 gal of water was removed from this second manhole; dimension of this second manhole was undertermined; water level in the second (deeper) manhole dropped approx. 2 ft before stabilizing; as continued pumping produced no additional drawdown, pumping was discontinued (could be strom sewer)- second manhole found which was located approx. 2 ft south of sump location; could not check this as lid appeared to be welded with rim- tanks appeared to be dry as gauged through 2 inch access port- found minor VOCs in all four samples (SB01, SB02, SUMP and SUMP2)GRO/DRO/ORO
results:
----------SB01----------SB02----------SUMP----------SU
MP2 1-2 ft 1-2
ftGRO----------19,
000----------17,000DRO----------29,000,000-------60,000------180,
000,000------240,000,000Motor
Oil-------28,000,000-------66,000------240,000,000------260,000,00006/
15/04: letter from Chrysler indicating release in tank/boiler room was fuel oil:- it was determined that free product in sump/manholes in boiler room is not motor oil as it is missing certain additives normally contained in motor oil- the next most likely material the free product would be fuel oil, possibly #4 or #6 oil (based on presence of fuel oil boilers in room)03/31/05: Additional Site Investigation Report:- former boiler room contains four sumps with manhole entrances (initially only two manholes and a sump was found during investigation plan), a pipe trench containing free product (which was called sump in investigation plan), a gear pump, two ASTs, two pressure tanks and two boilers- one of the four manholes (West) was welded shut (this was called manhole 2 ft south of sump, in previous investigation plan); after opening this West manhole, found sump full of free product- the north manhole also contained oily liquid- east and southern manholes were both empty of liquid; however, the manholes contained a small amount of oily debris- subsequent to fingerprint analysis of the oil, it is assumed the oil was either #4 or #6 oil- two ASTs were approx. 8,000 gal- the ASTs are located in an area of the basement that is lower than the remainder of the basement- on 02/09/05, installed nine borings

MANHATTAN CHRYSLER JEEP DODGE (Continued) **S108982853**

(ST-SB-05 through ST-SB-13)- total of nine borings and one temporary groundwater sampling point was attempted; however, due to shallow bedrock there was insufficient soil to sample in borings ST-SB-09 and ST-SB-10- there was insufficient soil to sample ST-SB-05 because an abundance of construction debris was encountered- no groundwater was encountered in any of the borings; however, perched water was encountered within the debris in ST-SB-05 and was sampled <---------- property lies at an elevation of approx. 20 ft above mean sea level- bedrock was encountered in all boring attempts, at depths ranging from 1 to 7.5 ft bg- minor VOC and SVOC (only few compounds) contamination found in soil and perched water sample03/01/06: case closed and NFA letter issued.Chrysler Realty Corporation1000 Chrysler DriveCIMS 485-04-25Auburn Hills, MI 48326PH. (248) 512-2119Fax (248) 512-2083Melissa Michaels **project remediation specialist**DaimlerChrysler Corporation800 Chrysler DriveCIMS 482-00-51Auburn Hills, MI 48326Ph. (248) 512-3152Fax (248) 576-7369email: mm330@daimlerchrysler.com- on 05/20/04, spill #: 0401882 was reported due to contmaination in groundwater in monitoring well MW-9S. as per spill notes, near this "hot" well are two sites with spill numbers: 711 11th Ave (spill #: 0304103) and 601 W 50th Street (multiple spills reported at this site. see below.). spill notes indicates that sample was collected for fingerprint analysis. DEC Harrington closed the spill # 0401882. DEC Harrington noted that documentation (which are not on e-docs) indicates that the product is not gasoline, but rather diesel or fuel oil, so he referred case to spill # 0304103.*-*-*-

MANHATTAN CHRYSLER JEEP DODGE (Continued) **S108982853**

remebers that there were some drums stored in tank room by Chrysler and those were for motor/waste oil. as per Ms. Seril, due to improper use by Chrysler, Chrysler took responsibility for cleanup in 2007. Ms. Seril also mentioned that waste oil tanks owned by Chrysler.3:20 PM:- spoke with Ms. Michaels at Chrysler Group. Ms. Michaels mentioned that Chrysler group has leased property from property owner and they sub-leased to private dealer. so on-site operation and maintenance of building is dealer's responsibility. she also mentioned that waste oil tanks on the site onwed by dealer and they were told to register these waste oil tanks in 2005 during cleanup of waste oil spill. Ms. Michaels mentioned that John Monninger is the business owner.Chrysler Realty Group LLC. **company leased property from owner**800 Chrysler DriveCIMS 482-00-51Auburn Hills, MI 48326Attn.: Melissa Michaels **project remediation specialist**Ph. (248) 512-3152Fax (248) 576-7369email: mm330@chrysler.com3:34 PM:- called chrysler shop at the site. lady at the front desk mentioned that Mr. Monninger is not in office and she asked to talk to Bob Muscollino tomorrow morning after 9 AM.07/29/10-Hiralkumar Patel.9:19 AM:- spoke with Mr. Muscolino at dealer. Mr. Muscolino mentioned that Chrysler Realty replaced waste oil tanks at their expense and they owns these waste oil tanks. as per Mr. Muscolino, Chrysler dealership is in operation since 1984 and they never used fuel oil tanks on property.Manhattan Jeep Chrysler Dodge Inc. **company owns dealership**678 11th AvenueNew York, NY 10019Attn.: John Monninger **president**Robert Muscolino **controller at dealer**Ph. (212) 765-6633email: rmuscolino@manhjcd.com9:27 AM:- left message for Ms. Michaels.1:08 PM:- received call from Ms. Michaels. she mentioned that Chrysler Realty and Chrysler Group is the same company. she also mentioned that waste oil tanks at the site were replaced by Chrysler Realty Group LLC. as dealer could not afford and refused to do so.07/30/10-Hiralkumar Patel.11:50 AM:- sent letter to Ms. Seril, Ms. Michaels and Mr. Monninger requiring registration of used/fuel oil tanks (application form due on 08/16/10), cleaning/determination of discharge point/sampling of all sumps/manholes in basement (document due on 08/31/10), delineation of possible soil contamination under fuel oil tanks (investigation report due on 09/30/10) and proper closure of fuel oil tanks (document due on 09/30/10). informed that each required document must be submitted by its due date or else case will be referred to legal. letter emailed to Ms. Seril, Ms. Michaels and Mr. Muscolino.08/03/10-Hiralkumar Patel.1:55 PM:- spoke with Ms. Michaels. due to product found in well MW-9S, asked Ms. Michaels to do Phase I investigation also to find out property's past use. Ms. Michaels mentioned that they have Phase I done in 2005. asked her to submit copy of Phase I report.2:23 PM:- received email from Ms. Michaels with copy of Phase I for chrysler property. - property was generally undeveloped on the 1890 and 1899 sanborn maps- according to 1911 sanborn maps, site was occupied by several building and a lumber yard, all part of Kohler and Campbell Piano Factory; 18,000 gal tank is idetified on map- the 1930-1968 maps indicate the current building was built in 1930- on the 1930 map, the building is occupied by Gottfried Baking company, with ovens located on 2nd and 4th floors- on 1968 map, the building contained multiple businesses, including bakery, a paint shop and other unidentified businesses; one 25,000 gal tank is identified in the building; however, the type of tank or its contents were not noted- no USTs on the property were noted on any maps2:28 PM:- received email from Ms. Michaels. she mentioned that Chrysler Realty did own or lease property located at 706 11th

MANHATTAN CHRYSLER JEEP DODGE (Continued) **S108982853**

Ave (which is Potamkin now) and had two spills reported in 1992/1993 (refer to spill #: 0401882 for further details on these cases).3:15 PM:- spoke with Mr. Muscolino at Chrysler dealer. he mentioned that they have electric lifts on second and third floor and never used hydraulic oil lifts.08/09/10-Hiralkumar Patel.4:47 PM:- received message from John Gavras from Langan. Langan engineering has been hired by property owner for required investigation.John GavrasLangan EngineeringPH. (212) 479-5406email: jgavras@langan.com08/10/10-Hiralkumar Patel.9:43 AM:- left message for John at Langan.2:36 PM:- received call from John. he requested time extension to submit tank registration and investigation of sumps/manholes. informed John that the department can't approve any time extension for waste oil tank registration (which is due on 08/16/10) and investigation of sumps/manholes (which is due on 08/31/10), but can approve fuel oil tank registration until Sep. 17, 2010. asked John to send email with extension request.08/11/10-Hiralkumar Patel. received email from John (at 5:42 PM on 08/10/10) requesting time extension until 09/17/10 for submission of PBS form for two fuel oil tanks in basement. John also asked copy of notice regarding waste oil tank registration that was issued in 2007.2:50 PM:- received call from John. informed him that Chrysler Realty and dealer both were informed verbally by DEC Vought about unregistered waste oil tanks and required to registered those tanks.during review of papers under spill #: 0304103, found old letter dated 08/27/03 requiring registration of waste and heating oil tanks. letter was addressed to Chrysler Realty Corp.4:03 PM:- sent email to John with copy of letter dated 08/27/03.4:04 PM:- sent eamil to John approving extension for submitted PBS form for two heating oil tanks to 09/17/10. email copied to Pearl Seril and Barbara Seril.08/30/10-Hiralkumar Patel.4:59 PM:- received email from Ms. Michaels including response to letter dated 07/30/10. she mentioned that dealer had submitted PBS application for their waste oil tanks, but Albany office returned that stating that landowner has to register tanks. so they have notified property owner. on 08/19/10, GZA environmental (Chrysler's consultant) and Langan (owner's consultant) responded to site to clean sumps. during inspection, they found liquid in three of the four sumps. fourth sump was full of debris. GZA environmental and Langan collected liquid samples from sumps and pump out three sumps. after liquid removed from sumps, they found another manhole cover at the bottom of sumps. GZA removed second manhole cover and found more liquid. the depth to the bottom of newly-discovered liquid was measured to be about 8 ft from the basement floor, or 5 ft from top of second manhole. Chrysler believes that these sumps are actually access ports for two old USTs under basement floor. contractor removed approx. 7,500 gal of oil water mix from sumps and UST. GZA returned on 08/26/10 to check water level in northwest man-way of UST. in one week time the level in tank did not vary significantly. the suspect USTs and sumps are not connected to the municipal sewers. Chrysler has informed property owner about these old USTs. Chrysler also informed property owner about registration of all tanks and close out of old USTs and fuel oil ASTs. Chrysler will submit results of liquid samples collected from sumps, once available.08/31/10-Hiralkumar Patel.11:16 AM:- sent email to Barbara Seril and Pearl Seril including response from Chrysler and asked them to call to discuss their findings. email copied to John at Langan.3:11 PM:- received call from Dorit Ungar, attorney representing property owner. she requested another three months

MANHATTAN CHRYSLER JEEP DODGE (Continued) **S108982853**

extension to complete tasks listed in letter dated 07/30/10. based on available information, informed Ms. Ungar that the Department approves only one month extension to finish required work. as such, on-site tanks registration must be done by end of Sep. 2010 and cleanup of sumps/determination of sumps' discharge point/delineation of soil contamination under fuel oil ASTs/closure of fuel oil tanks must be done by end of Oct. 2010. informed Ms. Ungar that the Department will not approve anymore time extension due to legal battle between the property owner and the crysler.Dorit UngarKasowitz, Benson, Torres & Friedman LLP1633 BroadwayNew York, New York 10019Ph. (212) 506-1992Fax (212) 500-3492email: DUngar@kasowitz.com10/26/10-Hiralkumar Patel.3:10 PM:- left message for Ms. Ungar.3:12 PM:- spoke with Barbara Pearl. Ms. Pearl mentioned that Langan is doing work. Ms. Pearl also mentioned that fuel oil tanks have been registered (2-611425) and Chrysler will register their waste oil tanks. Ms. Pearl mentioned that there are total of four 2,500 gal fuel oil tanks: two aboveground in contact with surface and two underground. Ms. Pearl will ask John at Langan to send cleanup updates and will ask Chrysler to send updates regarding waste oil tank registration.3:25 PM:- left message for Mr. Muscolino at Chrysler.10/27/10-Hiralkumar Patel.11:34 AM:- received message from John from Langan.12:34 PM:- left message for John.1:55 PM:- received call from John. he mentioned that they found total of six tanks in building basement: - two 2,500 gal ASTs (not 8,000 or 10,000 gal tank as previously estimated) encased in concrete in boiler room. these tanks were observed by DEC during site visits. John mentioned that these tanks were completely aboveground sitting on saddles inside concrete wrap. they cleaned and filled tanks with foam- two 2,500 gal USTs underneath boiler room floor. these two tanks were found running perpendicular to the trench in boiler room where oil was found. John mentioned that after further investigation, they found that the four sumps in boiler room were actually manways to these two USTs. also, the trench in boiler room is for piping for these USTs and this trench had no discharge point. Langan cleaned both USTs and trench and filled with concrete- one 550 gal AST (probably for gasoline or diesel) encased in concrete. tank was cleaned and filled with foam.- one 1,500 gal AST (probably for #2 oil) encased in concrete. tank was cleaned and filled with foam.John mentioned that the 550 gal and 1,500 gal tanks were found in other part of basement. they are in process of registering these tanks also. John also mentioned that the waste oil tanks (old and new) are owned by Chrysler but the old tanks were registered by property owner in past. so when Chrysler sent PBS application to close old tanks and to register new tanks, DEC Albany has rejected the application stating that tank owner's information doesn't match with the old record. as per John, Chrysler hasn't responded yet. asked John to send old PBS number and related documents for review. John will send spill cleanup report by end of 11/30/10.2:17 PM:- left message for Mr. Muscolino. asked him to return call by end of 10/29/10 with PBS number for waste oil tank or else case will be referred to legal.2:20 PM:- left message for Ms. Michaels.during further review of PBS record, found PBS number associated with waste oil tanks. now the property has two PBS numbers assinged:1. 2-611425: for old heating oil tanks in basement2. 2-609192: for lube and waste oil tanks owned/operated by Chrysler.as per PBS record (2-609192), Chrysler submitted PBS application to register waste oil tanks on 08/06/2010. and this application was rejected (on 08/09/10) as previous record

MANHATTAN CHRYSLER JEEP DODGE (Continued) **S108982853**

shows property owner as the tank owner and tank info doesn't match with old record. as per old record, site has two 275 gal tanks for lube oil, three 275 gal tanks for waste oil and one 275 gal tank for other. while as per the submitted application, site has one 980 gal tank for waste oil, one 275 gal tank for transmission fluid and two 275 gal tanks for motor oil. DEC Albany required submission of proof of change of ownership and correct info about tanks on property.2:39 PM:- received call from Mr. Muscolino. he mentioned that as per DEC Albany, property owner is responsible for tank registration. so now Chrysler's attorney is dealing with property owner's attorney.2:51 PM:- received call from Ms. Michaels. she mentioned that she spoke with Cynthia Freedman in DEC Albany office who confirmed that property owner is responsible for registration of tanks on property.3:00 PM:- spoke with Cynthia Freedman (518-402-9737) in DEC Albany. she mentioned that as per new law, property owner is responsible for tanks registration. asked her to send copy of the law.3:10 PM:- received email from DEC Cynthia with copy of Article 17, Title 10 of the Environmental Conservation Law. Cynthia mentioned that formerly, facility meant the tanks and owner meant the owner of the tanks, but as per new definition in law, facility means property and owner means owner of the property. as such property owner is responsible for registration of tanks on the property.3:28 PM:- spoke with Barbara Seril and informed her about change in PBS law. she agreed to register tanks but worried about maintenance of tanks. she will talk to her attorney about including tank maintenance issue in a lease agreement with Chrysler. informed her that i will send email with copy of law to all involved parties and asked her to reply back by end of 11/15/10 regarding waste oil tank registration. suggested her to close one of the PBS record and register all tanks on property under the other PBS number.3:43 PM:- sent email to Barbara Seril, Pearl Seril, John, Ms. Michaels, Ms. Unger, Mr. Muscolino including copy of PBS law.10/28/10-Hiralkumar Patel. received email from John (at 5:15 PM on 10/27/10) including site map showing former tanks in basement.10/29/10-Hiralkumar Patel.3:54 PM:- sent email to Barbara Seril, Pearl Seril, Ms. Michaels and Mr. Muscolino. informed that one of the tank owners has to register waste oil tank. asked them to provide info about who is going to register waste oil tanks, by the end of 11/15/10. also, asked to register waste oil tanks by the end of 11/30/10 or else a notice of violation will be issued. email copied to John and Ms. Unger.11/24/10-Hiralkumar Patel. received report from John (at 5:24 PM on 11/23/10). abstract:- four ASTs and two USTs were closed-in-place- two approx. 6,000 gal #6 oil USTs located in former boiler room (under the trench where product observed)- two approx. 2,000 gal concrete encased #2 oil ASTs located in the former boiler room- one approx. 550 gal concrete entombed #2 oil AST located in teh fire pump control room- one approx. 1,500 gal concrete entombed #2 oil AST located in a vault under the sidewalk along West 51st Street- trench was associated with the USTs and not a separate utility trench- fuel lines to the two 6,000 gal USTs ran within the 20 ft trench and at the end of the trench had a 90 degree bend and turned up to apparently supply fuel to either the former boilers and/or the former ovens- based on visual inspection, the trench was self-contained and did not have any discharge points- during removal of associated piping from trench, approx. 2.5 vertical ft of petroleum-impacted fill material was encountered and removed from the base of the trench- apparently, the fill material had been emplaced in teh base of the trench on which the fuel lines rested-

MANHATTAN CHRYSLER JEEP DODGE (Continued) **S108982853**

two USTs were installed within bedrock and were subsequently completely entombed in concrete (no soil was encountered around the 6,000 gal USTs)- dimensions of 6,000 gal USTs were roughly 21 ft long by 7 ft in diameter- no evidence of degradation was observed in either of the USTs- concrete floor below the two 2,000 gal ASTs was found in good condition- approx. 275 gal of #2 oil was removed from 550 gal AST and approx. 1,216 gal of #2 oil was removed from the 1,500 gal AST- 550 gal tank was entombed with approx. 8 inches of concrete and 1,500 gal tank was entombed with approx. 10 inches of concrete- no impacts were observed withtin either of two concrete vaults- ASTs were abandoned via filling with foam and USTs and trench were abandoned via filling with concrete11/29/10-Hiralkumar Patel. checked PBS record and found that waste oil tanks have been registered by Barbara Seril.based on available information/documents, case closed.11:25 AM:- sent spill closure letter to Barbara Seril/Pearl Seril. letter emailed to Barbara/Pearl Seril, Ms. Michaels, Mr. Muscolino and John.

Remarks: During site visit by DEC Vought. Impacted soil present in boiler room pit, tanks are also USTs with no tightness testing data and free product previously found under basement floor (see also spill #0304103)

Material:

Site ID:	391791
Operable Unit ID:	1148825
Operable Unit:	01
Material ID:	2139321
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

I153 **500 W. 56TH STREET** **NY UST** **U000397948**
NE **509-511 WEST 55TH STREET** **NY HIST UST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.112 mi.
589 ft. **Site 13 of 24 in cluster I**

Relative:
Higher

Actual:
35 ft.

UST:

Id/Status:	2-242209 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585247.87025000004
UTM Y:	4513480.1341599999

Affiliation Records:

Site Id:	9265
Affiliation Type:	Facility Owner

500 W. 56TH STREET (Continued) **U000397948**

Company Name:	55TH CLINTON ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	625 MADISON AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 588-2196
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9265
Affiliation Type:	Mail Contact
Company Name:	THE RELATED COMPANIES, L.P.
Contact Type:	Not reported
Contact Name:	THOMAS MCCLOSKEY
Address1:	625 MADISON AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 588-2196
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9265
Affiliation Type:	On-Site Operator
Company Name:	500 W. 56TH STREET
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9265
Affiliation Type:	Emergency Contact
Company Name:	55TH CLINTON ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	THOMAS MCCLOSKEY
Address1:	Not reported
Address2:	Not reported
City:	Not reported

500 W. 56TH STREET (Continued) **U000397948**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 588-2196
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	10034
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	01/01/1976
Date Tank Closed:	09/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number:	002
Tank ID:	10035
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	01/01/1976
Date Tank Closed:	09/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

500 W. 56TH STREET (Continued) **U000397948**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 003
Tank ID: 10036
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1976
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 004
Tank ID: 10037
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1976
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

500 W. 56TH STREET (Continued) **U000397948**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 005
Tank ID: 10038
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1976
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 006
Tank ID: 10039
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1976
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground

500 W. 56TH STREET (Continued) **U000397948**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 007
Tank ID: 10040
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1976
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 008
Tank ID: 10041
Tank Status: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550

500 W. 56TH STREET (Continued) **U000397948**

Install Date:	01/01/1976
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number:	009
Tank ID:	60416
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	03/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Concrete
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

I00 - Overfill - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

500 W. 56TH STREET (Continued) **U000397948**

Tank Number: 010
Tank ID: 63182
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/12/2002
Registered: True
Tank Location: Underground
Tank Type: Z
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

Tank Number: 011
Tank ID: 63183
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/12/2002
Registered: True
Tank Location: Underground
Tank Type: Z
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

500 W. 56TH STREET (Continued) **U000397948**

F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

HIST UST:

PBS Number:	2-242209
SPDES Number:	Not reported
Emergency Contact:	GREG GUSHEE
Emergency Telephone:	(212) 588-2196
Operator:	NO OPERATOR
Operator Telephone:	(000) 000-0000
Owner Name:	JEROME & STANLEY CIRKER DBA 501 REALTY
Owner Address:	444 WEST 55TH ST
Owner City,St,Zip:	NY, NY 10019
Owner Telephone:	(212) 484-0200
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	JEROME & STANLEY CIRKER
Mailing Address:	444 WEST 55TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10019
Mailing Contact:	DOUGLAS J. CANOVA
Mailing Telephone:	(212) 484-0200
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	509-511 W 55TH ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/10/1997
Expiration Date:	06/30/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19760101
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel

500 W. 56TH STREET (Continued) **U000397948**

Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	09/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19760101
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	09/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19760101
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported

500 W. 56TH STREET (Continued) **U000397948**

Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	09/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19760101
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	09/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19760101
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported

500 W. 56TH STREET (Continued) **U000397948**

Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 09/01/1998
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 006
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19760101
Capacity (gals): 550
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 09/01/1998
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 007
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19760101
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported

500 W. 56TH STREET (Continued) **U000397948**

Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	09/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19760101
Capacity (gals):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	009
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Stainless steel alloy
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported

500 W. 56TH STREET (Continued) **U000397948**

Missing Data for Tank:	Minor Data Missing
Date Closed:	03/01/2001
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

I154 **55TH CLINTON ASSOCIATES LLC** **RCRA NonGen / NLR** **1001233085**
NE **509-511 W 55TH ST** **FINDS** **NYR000061721**
< 1/8 **NEW YORK, NY 10019** **NY MANIFEST**
0.112 mi.
589 ft. **Site 14 of 24 in cluster I**

Relative:
Higher

Actual:
35 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	55TH CLINTON ASSOCIATES LLC
Facility address:	509-511 W 55TH ST NEW YORK, NY 100193505
EPA ID:	NYR000061721
Mailing address:	MADISON AVE NEW YORK, NY 100221801
Contact:	THOMAS MCCLOSKEY
Contact address:	MADISON AVE NEW YORK, NY 100221801
Contact country:	US
Contact telephone:	(212) 588-2196
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	55TH CLINTON ASSOCIATES LLC
Owner/operator address:	625 MADISON AVE NEW YORK, NY 10022
Owner/operator country:	US
Owner/operator telephone:	(212) 588-2196
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

Owner/operator name:	55TH CLINTON ASSOCIATES LLC
Owner/operator address:	625 MADISON AVE NEW YORK, NY 10022
Owner/operator country:	US
Owner/operator telephone:	(212) 588-2196
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

55TH CLINTON ASSOCIATES LLC (Continued) **1001233085**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: 55TH CLINTON ASSOCIATES LLC
Classification: Not a generator, verified

Date form received by agency: 11/23/2001
Facility name: 55TH CLINTON ASSOCIATES LLC
Classification: Large Quantity Generator

Date form received by agency: 10/23/2001
Facility name: 55TH CLINTON ASSOCIATES LLC
Classification: Large Quantity Generator

Date form received by agency: 10/09/1998
Facility name: 55TH CLINTON ASSOCIATES LLC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004547535

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYR000061721
Country: USA
Mailing Name: 55TH CLINTON ASSOCIATES
Mailing Contact: MIMI SOTIRIOU
Mailing Address: 509-511 W 55TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-588-2196

55TH CLINTON ASSOCIATES LLC (Continued) **1001233085**

Document ID:	NYG3163041
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	10/29/2001
Trans1 Recv Date:	10/29/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/02/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000061721
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	NYPD1010
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	011
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2001

I155 **NY LTANKS** **S104950706**
NE **500 WEST 56TH ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.112 mi.
589 ft. **Site 15 of 24 in cluster I**

Relative:
Higher

Actual:
35 ft.

LTANKS:

Site ID:	171208
Spill Number/Closed Date:	0100152 / 2/14/2003
Spill Date:	4/5/2001
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	4/5/2001
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	4/5/2001
Spill Record Last Update:	2/19/2003
Spiller Name:	CALLER
Spiller Company:	ABANDONED GAS PUMP
Spiller Address:	509-511 WEST 55TH ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	CALLER

(Continued) **S104950706**

Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 144075
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"On June 13, 2001, DEC Sigona received a tank closure report from AKRF, dated June 13, 2001.Spill was reassigned to Steve Sangesland on Feb 7, 2002 as per request. 3/25/2002 - Sangesland reviewed the AKRF Closure Report dated June 2001. The report outlines the removal of a 550 tank and the excavation of contaminated soil down to a depth of 18 feet (ground water level). Four sidewall samples were taken. All were clean for VOC's, Three were clean for SVOC's. One side wall sample had SVOC levels over STARS, AKRF suggested that these levels were within "typical background fill" levels.The report was missing a scaled site plan showing the location of the former tank and the subject excavation. The report also did not identify if any groundwater sampling had been conducted.3/28/2002 - Sangesland spoke with Arnold Fleming of AKRF (212- 696-0670) and requested a resubmittal with both a site plan and ground water VOC/SVOC test results. 4/10/2002 - Julie Foley of AKRF called to say more contaminated soil was found around two additional tanks on this site. A new spill number was called in (0110824) and assigned to Tim DeMeo.The site is a huge excavation site now and the new building going up on this site will be "500 West 56th St". **********Actions Taken**********1) Sangesland changes the listed address for this spill to 500 West 56th Street.2) Sangesland closed out the new spill number (0110824) and referenced that spill number back to this spill number.3) Sangesland directed AKRF to write a single closure report for the property referencing the new address (500 W 56th)and including both tank/spill locations.4) AKRF requested the DEC to return the copy of the June 2001 AKRF report sent in previously.********** Notes rolled over from Spill #0110824 ********2/14/02 Plaza Construction and its subcontractors struck 2 abandoned UST's while excavating for a new building foundation at construction site. Tanks removed from site prior to DEC inspectin. Approximately 20 cu. yds. of contaminated soil was stockpiled on site for disposal.DEC Spills requested from AKRF Inc. (environmental consultant) copies of analytical data from stockpiled soils, disposal manifests and scaled site drawing depicting former tank locations.Ray Ranami - Plaza Construction
917-577-4656**********
*7/2/2002 - Sangesland reviewed a "Closure Report" dated June 28, 2002 and submitted by AKRF (Sarah Lopas 646-459-3525). The report basically brings together the data for 3 seperate tank pulls from the property over a 1 year period. Two of the three locations had "End Point Soil Samples" which exceeded TAGM SVOC levels. AKRF states that this is common for background levels, but there is no "back up data" to prove the point.Sangesland spoke with Sarah Lopas at AKRF about the issue and she'll check it out and get back to the DEC soon. 7/15/2002 - Sangesland spoke with Andy Rudko of AKRF concerning the high SVOC levels at two of the tank pull areas. Andy said the SVOC levels were from historical fill, he also said that at this point the site has been over excavated to clear for the new building. Instead of putting together an exposure report based on historical fill all around the area, Sangesland requested a letter and photographs to document the fact that the area had been excavated further and that AKRF believes the contaminated soil is gone.2/14/2003 - Sangesland

(Continued) **S104950706**

reviewed an AKRF submittal dated January 16, 2003 which contains photographs of the site. These photos clearly show the over excavation of the site down to a "sub-basement" depth. Design drawings were also submitted which showed a deep basement area was to be dug out. Clearly the contaminated soil areas are gone from this site.Spill Closed

Remarks: caller removing old tank and found contamination.

Material:

Site ID:	171208
Operable Unit ID:	837223
Operable Unit:	01
Material ID:	539425
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

J156 **468 WEST 51 ST** **NY AST** **U003395207**
SSE **468 WEST 51 ST** **NY HIST AST** **N/A**
< 1/8 **NYC, NY 10019**
0.113 mi.
597 ft. **Site 7 of 11 in cluster J**

Relative:
Higher

Actual:
40 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-479489
Program Type:	PBS
UTM X:	585239.89622
UTM Y:	4513155.4318000004
Expiration Date:	1995/01/12

Affiliation Records:

Site Id:	21354
Affiliation Type:	Emergency Contact
Company Name:	NYC HPD
Contact Type:	Not reported
Contact Name:	JUANITA ARSENEC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 360-7900
EMail:	Not reported
Fax Number:	Not reported

468 WEST 51 ST (Continued) **U003395207**

Modified By:	TRANSLAT
Date Last Modified:	3/4/2004
Site Id:	21354
Affiliation Type:	On-Site Operator
Company Name:	468 WEST 51 ST
Contact Type:	Not reported
Contact Name:	NYC HPD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 806-8565
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004
Site Id:	21354
Affiliation Type:	Facility Owner
Company Name:	NYC HPD
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8565
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	12/16/2004
Site Id:	21354
Affiliation Type:	Mail Contact
Company Name:	NYC HPD
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8565
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	12/16/2004

Tank Info:

Tank Number:	001

468 WEST 51 ST (Continued) **U003395207**

Tank Id: 38713
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

HIST AST:
PBS Number: 2-479489
SWIS Code: 6201
Operator: NYC HPD
Facility Phone: (212) 806-8565
Facility Addr2: 468 WEST 51 ST
Facility Type: Not reported
Emergency: JUANITA ARSENEC
Emergency Tel: (212) 360-7900
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: NYC HPD
Owner Address: 75 MAIDEN LANE
Owner City,St,Zip: NYC, NY 10038
Federal ID: Not reported
Owner Tel: (212) 806-8565
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: NYC HPD
Mailing Address: 75 MAIDEN LANE
Mailing Address 2: Not reported
Mailing City,St,Zip: NYC, NY 10038
Mailing Telephone: (212) 806-8565
Owner Mark: First Owner

468 WEST 51 ST (Continued) **U003395207**

Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/26/1990
Expiration:	01/12/1995
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

O157 **VACANT LOT** **NY Spills** **S106006576**
NNW **789 11TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.114 mi.
601 ft. **Site 1 of 21 in cluster O**

Relative:
Higher

Actual:
24 ft.

SPILLS:

Facility ID:	0205140
DER Facility ID:	108777
Facility Type:	ER
Site ID:	125769

VACANT LOT (Continued) **S106006576**

DEC Region:	2
Spill Date:	8/15/2002
Spill Number/Closed Date:	0205140 / 11/21/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	8/15/2002
CID:	257
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	8/15/2002
Spill Record Last Update:	9/19/2006
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	SHARIMA RYAN
Contact Phone:	(845) 348-6355
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"12/30/02 TJDClosure report from RND services Inc., dated 10/7/02 reviewed.Total of ten 550 gallon gasoline UST's removed from site. Total of 62.5 tons of contaminated soils were identified and removed for disposal from site (manifests provided). Total of (9) endpoint samples collected from excavation. All laboratory analysis of samples were below TAGM 4046 guidance values.No water sampling data provided in report. RND services contacted to determine if water sampling was performed, it was not. At the request of RND services (Sharima Ryan) an e-mail was sent today identifing deficiencies and requiring additional work.10/29/03 TJDDemeo contacted by RND Services (Sharima Ryan) regarding status of proposed work/sampling plan for above referenced site. Plan is dated October 2003 was received @R2 on October 17, 2003. Work plan outlines proposed well location. Well location verbally approved on this date.11/21/03 TJDAs directed RND attempted to install one well in an effort to obtain a water sample. Refusal encountered. Well location moved and reattempted, again refusal due to competent bedrock. Screening of the drill cuttings did not exhibit any evidence of contamination. No further action required. Spill closed.
Remarks:	during a tank removal caller found contaminted soil

Material:

Site ID:	125769
Operable Unit ID:	857910
Operable Unit:	01
Material ID:	519349
Material Code:	0009
Material Name:	Gasoline

VACANT LOT (Continued) **S106006576**

Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

O158 **CLINTON TOWERS** **NY UST** **U004131312**
North **790 ELEVENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.114 mi.
604 ft. **Site 2 of 21 in cluster O**

Relative:
Higher

Actual:
25 ft.

UST:
Id/Status: 2-611011 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2016/12/27
UTM X: 585036.75173000002
UTM Y: 4513569.6748799998

Affiliation Records:
Site Id: 409447
Affiliation Type: Facility Owner
Company Name: CLINTON TOWERS HOUSING COMPANY
Contact Type: PRESIDENT
Contact Name: MARY D'ELIA
Address1: 790 ELEVENTH AVE.
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 247-3033
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 3/12/2009

Site Id: 409447
Affiliation Type: Mail Contact
Company Name: CLINTON TOWERS HOUSING CO.
Contact Type: Not reported
Contact Name: MICHAEL PIANTADOSI
Address1: C/O P & L MANAGEMENT
Address2: PO BOX 9
City: BREWSTER
State: NY
Zip Code: 10509
Country Code: 001
Phone: (845) 277-4430
EMail: Not reported
Fax Number: Not reported

CLINTON TOWERS (Continued) **U004131312**

Modified By:	dxliving
Date Last Modified:	3/5/2009
Site Id:	409447
Affiliation Type:	On-Site Operator
Company Name:	CLINTON TOWERS
Contact Type:	Not reported
Contact Name:	JAMES MORAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 247-3033
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/30/2009
Site Id:	409447
Affiliation Type:	Emergency Contact
Company Name:	CLINTON TOWERS HOUSING COMPANY
Contact Type:	Not reported
Contact Name:	ALEKS KECI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 687-3907
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/1/2012

Tank Info:

Tank Number:	001
Tank ID:	227142
Tank Status:	In Service
Capacity Gallons:	15000
Install Date:	01/01/1973
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	12/16/2008
Next Test Date:	12/16/2013
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	03/05/2009

CLINTON TOWERS (Continued) **U004131312**

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I05 - Overfill - Vent Whistle
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
L00 - Piping Leak Detection - None

O159 **EDR US Hist Cleaners** **1015095822**
North **790 11TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.114 mi.
604 ft. **Site 3 of 21 in cluster O**

Relative:
Higher

Actual:
25 ft.

EDR Historical Cleaners:

Name:	OASIS CLEANERS
Year:	2003
Address:	790 11TH AVE
Name:	OASIS CLEANERS
Year:	2005
Address:	790 11TH AVE
Name:	OASIS CLEANERS
Year:	2010
Address:	790 11TH AVE

P160 **CONSOLIDATED EDISON** **NY MANIFEST** **S109825530**
ESE **440 WEST 53RD ST** **N/A**
< 1/8 **NEW YORK, NY 10020**
0.115 mi.
606 ft. **Site 1 of 16 in cluster P**

Relative:
Higher

Actual:
43 ft.

NY MANIFEST:

EPA ID:	NYP004172615
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808
Document ID:	Not reported
Manifest Status:	Not reported

CONSOLIDATED EDISON (Continued) **S109825530**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-10
Trans1 Recv Date:	2009-06-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172615
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532408JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-10
Trans1 Recv Date:	2009-06-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172615
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532408JJK

CONSOLIDATED EDISON (Continued) **S109825530**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-10
Trans1 Recv Date:	2009-06-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172615
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532408JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

P161 **P S 111** **NY AST** **U003394169**
ESE **440 W 53 ST** **NY HIST AST** **N/A**
< 1/8 **N Y C, NY 10019**
0.115 mi.
606 ft. **Site 2 of 16 in cluster P**

Relative:
Higher

Actual:
43 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-353493
Program Type:	PBS
UTM X:	585382.02292000002
UTM Y:	4513260.4296000004
Expiration Date:	N/A

Affiliation Records:

Site Id:	17539
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	4/1/2013

Site Id:	17539
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/23/2013

Site Id:	17539
Affiliation Type:	On-Site Operator
Company Name:	PUBLIC SCHOOL 111 - MANHATTAN
Contact Type:	Not reported
Contact Name:	PLANT UPGRADE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

P S 111 (Continued) **U003394169**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/27/2010

Site Id:	17539
Affiliation Type:	Mail Contact
Company Name:	NYC SCHOOL CONSTRUCTION AUTHORITY
Contact Type:	Not reported
Contact Name:	JOSEP BOVA
Address1:	PROJECT MANAGEMENT
Address2:	30-30 THOMPSON AVENUE
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 472-8306
EMail:	JBOVA@NYCSCA.ORG
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/27/2010

Tank Info:

Tank Number:	001
Tank Id:	34386
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1997
Capacity Gallons:	9500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/05/2010
Register:	True
Modified By:	NRLOMBAR

P S 111 (Continued) **U003394169**

Last Modified: 09/27/2010

HIST AST:

PBS Number:	2-353493
SWIS Code:	6201
Operator:	PLANT OPERATION
Facility Phone:	(718) 391-6000
Facility Addr2:	440 W 53 ST
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(212) 979-3300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK C/O BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CARDELLO NTROL
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5 FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/29/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	9500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	9500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported

P S 111 (Continued) **U003394169**

Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

L162 **LOT 42,TAXBLOCK 1098** **NY E DESIGNATION** **S111072883**
West **614 WEST 51 STREET** **N/A**
< 1/8 **MANHATTAN, NY 10019**
0.115 mi.
607 ft. **Site 11 of 33 in cluster L**

Relative:
Lower

Actual:
21 ft.

E DESIGNATION:

Tax Lot(s):	42
E-No:	E-268
Effective Date:	6/14/2011
Satisfaction Date:	Not reported
Ceqr Number:	11DCP068M
Ulurp Number:	110177ZMM
Zoning Map No:	8c
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	MN
Community District:	104
Census Tract:	135
Census Block:	2004
School District:	02
City Council District:	03
Fire Company:	E054
Health Area:	15
Police Precinct:	018
Zone District 1:	M2-3
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	CL
Special Purpose District2:	Not reported
All Components1:	M2-3/CL
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	JOSSELYN ESTATES LTD
Lot Area:	000009998

LOT 42,TAXBLOCK 1098 (Continued) **S111072883**

Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0099.50
Lot Depth:	0100.42
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000382500
Total Assessed Value:	00000382500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	2.00
Borough Code:	1
Borough Tax Block And Lot:	1010980042
Condominium Number:	00000
Census Tract 2:	0135
X Coordinate:	0985537
Y Coordinate:	0218616
Zoning Map:	08C
Sanborn Map:	105N050
Tax Map:	10405
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

J163 **EDR US Hist Auto Stat** **1015508954**
SSE **466 W 51ST ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.115 mi.
607 ft. **Site 8 of 11 in cluster J**

Relative:
Higher

Actual:
41 ft.

EDR Historical Auto Stations:
Name: ACC CAR CARE CTR
Year: 2004
Address: 466 W 51ST ST

I164 **EDR US Hist Auto Stat** **1015522981**
ENE **500 W 55TH ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.115 mi.
607 ft. **Site 16 of 24 in cluster I**

Relative:
Higher

Actual:
36 ft.

EDR Historical Auto Stations:
Name: D & S RADIATOR BODY & FENDER WORKS
Year: 1999
Address: 500 W 55TH ST

Name: D & S RADIATOR BODY & FENDER WORKS
Year: 2000
Address: 500 W 55TH ST

I165 **827 10TH AVENUE** **NY AST** **U004045776**
ENE **827 TENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.115 mi.
609 ft. **Site 17 of 24 in cluster I**

Relative:
Higher

Actual:
36 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Administratively Closed
Facility Id: 2-470309
Program Type: PBS
UTM X: 585191.80851
UTM Y: 4513263.0121299997
Expiration Date: N/A

Affiliation Records:
Site Id: 20587
Affiliation Type: Emergency Contact
Company Name: CITY OF NEW YORK H.P.D.
Contact Type: Not reported
Contact Name: MILTON MASTER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 806-8213
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

827 10TH AVENUE (Continued) **U004045776**

Site Id:	20587
Affiliation Type:	On-Site Operator
Company Name:	827 10TH AVENUE
Contact Type:	Not reported
Contact Name:	PIJUSH LODH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 806-8091
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20587
Affiliation Type:	Facility Owner
Company Name:	CITY OF NEW YORK H.P.D.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8565
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20587
Affiliation Type:	Mail Contact
Company Name:	CITY OF NEW YORK H.P.D.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8565
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	37335
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

827 10TH AVENUE (Continued) **U004045776**

Equipment Records:

	G03 - Tank Secondary Containment - Vault (w/o access)
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	I04 - Overfill - Product Level Gauge (A/G)
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction Dispenser
	L09 - Piping Leak Detection - Exempt Suction Piping
	H00 - Tank Leak Detection - None
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	09/28/2004

I166 **EDR US Hist Cleaners** **1015099569**
ENE **827 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.115 mi.
609 ft. **Site 18 of 24 in cluster I**

Relative:
Higher

Actual:
36 ft.

EDR Historical Cleaners:

Name:	JAY CLEANERS
Year:	2005
Address:	827 10TH AVE
Name:	JAY CLEANERS
Year:	2006
Address:	827 10TH AVE
Name:	LA MODE CLEANERS
Year:	2007
Address:	827 10TH AVE
Name:	JAY CLEANERS
Year:	2008
Address:	827 10TH AVE
Name:	JAY CLEANERS
Year:	2010
Address:	827 10TH AVE
Name:	JAY CLEANERS
Year:	2011
Address:	827 10TH AVE

I167 **SITE FIVE H.D.F.C.** **NY AST** **A100147063**
ENE **827 10TH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.115 mi.
609 ft. **Site 19 of 24 in cluster I**

Relative:
Higher

Actual:
36 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-603954
Program Type:	PBS
UTM X:	585191.80851
UTM Y:	4513263.0121299997
Expiration Date:	2009/03/04

Affiliation Records:

Site Id:	25845
Affiliation Type:	Facility Owner
Company Name:	SITE FIVE H.D.F.C.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	827 10TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 581-4408
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25845
Affiliation Type:	Mail Contact
Company Name:	SITE FIVE H.D.F.C.
Contact Type:	Not reported
Contact Name:	ELDON BULLOCK
Address1:	827 10TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 581-4408
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25845
Affiliation Type:	On-Site Operator
Company Name:	SITE FIVE H.D.F.C.
Contact Type:	Not reported
Contact Name:	ELDON BULLOCK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

SITE FIVE H.D.F.C. (Continued) **A100147063**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 581-4408
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25845
Affiliation Type:	Emergency Contact
Company Name:	SITE FIVE H.D.F.C.
Contact Type:	Not reported
Contact Name:	ELDON BULLOCK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 581-4408
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	56142
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
B01 - Tank External Protection - Painted/Asphalt Coating
F04 - Pipe External Protection - Fiberglass
I01 - Overfill - Float Vent Valve
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
H03 - Tank Leak Detection - Vapor Well
B05 - Tank External Protection - Jacketed

Tank Location:	1
Tank Type:	Concrete
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT

SITE FIVE H.D.F.C. (Continued) **A100147063**

Last Modified: 03/04/2004

L168 **POTAMKIN CHRYSLER CORP** **RCRA NonGen / NLR** **1000149842**
WSW **705 11TH AVE** **FINDS** **NYD981481765**
< 1/8 **NEW YORK, NY 10019** **NY HIST UST**
0.116 mi. **NY MANIFEST**
615 ft. **Site 12 of 33 in cluster L**

Relative: Higher

Actual: 25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	POTAMKIN CHRYSLER CORP
Facility address:	705 11TH AVE NEW YORK, NY 100197077
EPA ID:	NYD981481765
Mailing address:	11TH AVE NEW YORK, NY 10019
Contact:	Not reported
Contact address:	11TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	VICTOR POTAMKIN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	VICTOR POTAMKIN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: POTAMKIN CHRYSLER CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: POTAMKIN CHRYSLER CORP
Classification: Not a generator, verified

Date form received by agency: 04/29/1986
Facility name: POTAMKIN CHRYSLER CORP
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110004403690

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HIST UST:
PBS Number: 2-342297
SPDES Number: Not reported
Emergency Contact: MR. SAUL JERICHO
Emergency Telephone: (212) 433-1700
Operator: POTAMKIN MITSUBISHI
Operator Telephone: (212) 603-7200
Owner Name: POTAMKIN MITSUBISHI
Owner Address: 706 11TH AVENUE
Owner City,St,Zip: NEW YORK, NY 10019
Owner Telephone: (212) 433-1700
Owner Type: Corporate/Commercial
Owner Subtype: Not reported

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Mailing Name:	POTAMKIN MITSUBISHI
Mailing Address:	706 11TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	MR. SAUL JERICHO
Mailing Telephone:	(212) 433-1700
Owner Mark:	Second Owner
Facility Status:	4 - Subpart 360-14 only (active)
Facility Addr2:	706 11TH AVENUE
SWIS ID:	6201
Old PBS Number:	064270
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	11/23/2001
Expiration Date:	11/16/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	1375
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	1000
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	11/01/2001
Test Method:	Not reported
Deleted:	False
Updated:	True

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19621201
Capacity (gals): 1000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 11/01/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 20011101
Capacity (gals): 275
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

NY MANIFEST:

EPA ID:	NYD981481765
Country:	USA
Mailing Name:	POTAMKIN CHRYSLER CORPORATION
Mailing Contact:	POTAMKIN CHRYSLER CORPORATION
Mailing Address:	706-11TH AVENUE & WEST 50TH
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-603-0800

Document ID:	NJA1423479
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920729
Trans1 Recv Date:	920729
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920729
Part A Recv Date:	Not reported
Part B Recv Date:	920812
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00036
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA2090149
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950628
Trans1 Recv Date:	950628
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950628
Part A Recv Date:	Not reported
Part B Recv Date:	950711
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00006
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA9626207
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890717
Trans1 Recv Date:	890717
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890717
Part A Recv Date:	890804
Part B Recv Date:	890726
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00602
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA0715869
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	891117
Trans1 Recv Date:	891117
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891117
Part A Recv Date:	900110
Part B Recv Date:	891130
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00688
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA0709685
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Trans2 State ID:	Not reported
Generator Ship Date:	891025
Trans1 Recv Date:	891025
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891025
Part A Recv Date:	891212
Part B Recv Date:	891102
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00602
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA1417828
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920720
Trans1 Recv Date:	920720
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920720
Part A Recv Date:	Not reported
Part B Recv Date:	920730
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00516
Units:	P - Pounds
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1356015
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921020

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Trans1 Recv Date:	921020
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921020
Part A Recv Date:	Not reported
Part B Recv Date:	921109
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00036
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1361918
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920914
Trans1 Recv Date:	920914
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920914
Part A Recv Date:	Not reported
Part B Recv Date:	920928
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00344
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1357322
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921117
Trans1 Recv Date:	921117
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921117
Part A Recv Date:	Not reported
Part B Recv Date:	921203
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1616696
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930208
Trans1 Recv Date:	930208
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930208
Part A Recv Date:	Not reported
Part B Recv Date:	930223
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00047
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Document ID:	NJA1543280
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930308
Trans1 Recv Date:	930308
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930308
Part A Recv Date:	Not reported
Part B Recv Date:	930317
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00054
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Document ID:	NJA0229154
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS-86
Trans2 State ID:	Not reported
Generator Ship Date:	860826
Trans1 Recv Date:	860826
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860826
Part A Recv Date:	860903
Part B Recv Date:	860903
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00400
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0718418
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890918
Trans1 Recv Date:	890918
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890918
Part A Recv Date:	891031
Part B Recv Date:	890926
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00582
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA0725574
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891214
Trans1 Recv Date:	891214
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891214
Part A Recv Date:	900315

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Part B Recv Date:	891227
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00688
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA0811710
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900501
Trans1 Recv Date:	900501
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900501
Part A Recv Date:	900613
Part B Recv Date:	900618
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00688
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0707573
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900116
Trans1 Recv Date:	900116
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900116
Part A Recv Date:	900315
Part B Recv Date:	900123
Generator EPA ID:	NYD981481765
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00688
Units:	P - Pounds
Number of Containers:	008

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Document ID: NJA0911181
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 900628
Trans1 Recv Date: 900628
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900628
Part A Recv Date: 900802
Part B Recv Date: 900809
Generator EPA ID: NYD981481765
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00688
Units: P - Pounds
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0203560
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 860603
Trans1 Recv Date: 860603
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860603
Part A Recv Date: 860731
Part B Recv Date: 860717
Generator EPA ID: NYD981481765
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Specific Gravity: 100
Year: 86

Document ID: NJA0203652
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS-86
Trans2 State ID: Not reported
Generator Ship Date: 860703
Trans1 Recv Date: 860703
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860703
Part A Recv Date: 860801
Part B Recv Date: 860717
Generator EPA ID: NYD981481765
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NJA0223254
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 860731
Trans1 Recv Date: 860731
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860731
Part A Recv Date: 860805
Part B Recv Date: 860814
Generator EPA ID: NYD981481765
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

POTAMKIN CHRYSLER CORP (Continued) **1000149842**

Click this hyperlink while viewing on your computer to access
125 additional NY_MANIFEST: record(s) in the EDR Site Report.

L169 **POTAMKIN MITSUBISHI** **NY UST** **U004078256**
WSW **706 ELEVENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.116 mi.
615 ft. **Site 13 of 33 in cluster L**

Relative:
Higher

Actual:
25 ft.

UST:

Id/Status:	2-342297 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2017/11/16
UTM X:	584895.03873999999
UTM Y:	4513267.8184799999

Affiliation Records:

Site Id:	16604
Affiliation Type:	Facility Owner
Company Name:	POTAMKIN MITSUBISHI
Contact Type:	MANAGER
Contact Name:	GEORGE SPALLINO
Address1:	706 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 433-1700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/9/2010

Site Id:	16604
Affiliation Type:	Mail Contact
Company Name:	POTAMKIN MITSUBISHI
Contact Type:	Not reported
Contact Name:	MR. SAUL JERICHO
Address1:	706 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 433-1700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16604
Affiliation Type:	On-Site Operator
Company Name:	POTAMKIN MISTSUBISHI
Contact Type:	Not reported

POTAMKIN MITSUBISHI (Continued) **U004078256**

Contact Name:	POTAMKIN MITSUBISHI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 603-7200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/9/2010

Site Id:	16604
Affiliation Type:	Emergency Contact
Company Name:	POTAMKIN MITSUBISHI
Contact Type:	Not reported
Contact Name:	MR. SAUL JERICHO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 433-1700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	32040
Tank Status:	Closed - Removed
Capacity Gallons:	1000
Install Date:	12/01/1962
Date Tank Closed:	11/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating

POTAMKIN MITSUBISHI (Continued) **U004078256**

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 002
Tank ID: 32041
Tank Status: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1962
Date Tank Closed: 11/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

L170 **POTAMKIN MITSUBISHI** **NY AST** **A100353008**
WSW **706 ELEVENTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.116 mi.
615 ft. **Site 14 of 33 in cluster L**

Relative:
Higher

Actual:
25 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-342297
Program Type: PBS
UTM X: 584895.03873999999
UTM Y: 4513267.8184799999
Expiration Date: 2017/11/16

Affiliation Records:
Site Id: 16604
Affiliation Type: Facility Owner
Company Name: POTAMKIN MITSUBISHI
Contact Type: MANAGER
Contact Name: GEORGE SPALLINO
Address1: 706 11TH AVENUE

POTAMKIN MITSUBISHI (Continued) **A100353008**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 433-1700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/9/2010

Site Id:	16604
Affiliation Type:	Mail Contact
Company Name:	POTAMKIN MITSUBISHI
Contact Type:	Not reported
Contact Name:	MR. SAUL JERICHO
Address1:	706 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 433-1700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16604
Affiliation Type:	On-Site Operator
Company Name:	POTAMKIN MISTSUBISHI
Contact Type:	Not reported
Contact Name:	POTAMKIN MITSUBISHI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 603-7200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/9/2010

Site Id:	16604
Affiliation Type:	Emergency Contact
Company Name:	POTAMKIN MITSUBISHI
Contact Type:	Not reported
Contact Name:	MR. SAUL JERICHO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 433-1700

POTAMKIN MITSUBISHI (Continued) **A100353008**

EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 003
Tank Id: 62461
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 11/01/2001
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/01/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 09/21/2010

Tank Number: 004
Tank Id: 62462
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 11/01/2001
Capacity Gallons: 275

POTAMKIN MITSUBISHI (Continued) **A100353008**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/01/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 09/21/2010

Tank Number: 005
Tank Id: 62463
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
G03 - Tank Secondary Containment - Vault (w/o access)
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 11/01/2001
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/01/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 09/21/2010

Tank Number: 006
Tank Id: 62464
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
G03 - Tank Secondary Containment - Vault (w/o access)
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported

POTAMKIN MITSUBISHI (Continued) **A100353008**

Install Date:	11/01/2001
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/01/2010
Register:	True
Modified By:	NRLOMBAR
Last Modified:	09/21/2010

Tank Number:	007
Tank Id:	62465
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	11/01/2001
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/01/2010
Register:	True
Modified By:	NRLOMBAR
Last Modified:	09/21/2010

Tank Number:	008
Tank Id:	236025
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
G09 - Tank Secondary Containment - Modified Double-Walled

POTAMKIN MITSUBISHI (Continued) **A100353008**

(Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/2010
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	12/07/2012

Tank Number:	009
Tank Id:	236026
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

J00 - Dispenser - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/2010
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	12/07/2012

L171 **LOT 3,TAXBLOCK 1079** **NY E DESIGNATION** **S111072800**
WSW **706 11 AVENUE** **N/A**
< 1/8 **MANHATTAN, NY 10019**
0.116 mi.
615 ft. **Site 15 of 33 in cluster L**

Relative:
Higher

Actual:
25 ft.

E DESIGNATION:

Tax Lot(s):	3
E-No:	E-268
Effective Date:	6/14/2011
Satisfaction Date:	Not reported
Ceqr Number:	11DCP068M
Ulurp Number:	110177ZMM
Zoning Map No:	8c
Description:	Air Quality - HVAC fuel limited to natural gas
Borough Code:	MN
Community District:	104
Census Tract:	135
Census Block:	2005
School District:	02
City Council District:	03
Fire Company:	E054
Health Area:	15
Police Precinct:	018
Zone District 1:	M1-5
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	CL
Special Purpose District2:	Not reported
All Components1:	M1-5/CL
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G8
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	706 MANHATTAN LLC
Lot Area:	000029125
Total Building Floor Area:	00000065625
Commercial Floor Area:	00000065625
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000065625
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0125.50
Lot Depth:	0175.00
Building Frontage:	0125.50
Building Depth:	0175.83
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3

LOT 3,TAXBLOCK 1079 (Continued) **S111072800**

Basement Type Grade:	5
Land Assessed Value:	00001575000
Total Assessed Value:	00003001500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.25
Maximum Allowable Far:	5.00
Borough Code:	1
Borough Tax Block And Lot:	1010790003
Condominium Number:	00000
Census Tract 2:	0135
X Coordinate:	0985912
Y Coordinate:	0218330
Zoning Map:	08C
Sanborn Map:	105N052
Tax Map:	10405
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	3
E-No:	E-268
Effective Date:	6/14/2011
Satisfaction Date:	Not reported
Ceqr Number:	11DCP068M
Ulurp Number:	110177ZMM
Zoning Map No:	8c
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	MN
Community District:	104
Census Tract:	135
Census Block:	2005
School District:	02
City Council District:	03
Fire Company:	E054
Health Area:	15
Police Precinct:	018
Zone District 1:	M1-5
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	CL
Special Purpose District2:	Not reported
All Components1:	M1-5/CL

LOT 3,TAXBLOCK 1079 (Continued) **S111072800**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G8
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	706 MANHATTAN LLC
Lot Area:	000029125
Total Building Floor Area:	00000065625
Commercial Floor Area:	00000065625
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000065625
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0125.50
Lot Depth:	0175.00
Building Frontage:	0125.50
Building Depth:	0175.83
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00001575000
Total Assessed Value:	00003001500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.25
Maximum Allowable Far:	5.00
Borough Code:	1
Borough Tax Block And Lot:	1010790003
Condominium Number:	00000
Census Tract 2:	0135
X Coordinate:	0985912
Y Coordinate:	0218330
Zoning Map:	08C
Sanborn Map:	105N052
Tax Map:	10405
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 3,TAXBLOCK 1079 (Continued) **S111072800**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	3
E-No:	E-268
Effective Date:	6/14/2011
Satisfaction Date:	Not reported
Ceqr Number:	11DCP068M
Ulurp Number:	110177ZMM
Zoning Map No:	8c
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	MN
Community District:	104
Census Tract:	135
Census Block:	2005
School District:	02
City Council District:	03
Fire Company:	E054
Health Area:	15
Police Precinct:	018
Zone District 1:	M1-5
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	CL
Special Purpose District2:	Not reported
All Components1:	M1-5/CL
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G8
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	706 MANHATTAN LLC
Lot Area:	000029125
Total Building Floor Area:	00000065625
Commercial Floor Area:	00000065625
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000065625
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0125.50
Lot Depth:	0175.00
Building Frontage:	0125.50
Building Depth:	0175.83
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5

LOT 3,TAXBLOCK 1079 (Continued) **S111072800**

Land Assessed Value:	00001575000
Total Assessed Value:	00003001500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.25
Maximum Allowable Far:	5.00
Borough Code:	1
Borough Tax Block And Lot:	1010790003
Condominium Number:	00000
Census Tract 2:	0135
X Coordinate:	0985912
Y Coordinate:	0218330
Zoning Map:	08C
Sanborn Map:	105N052
Tax Map:	10405
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

L172 **CHRYSLER REALTY CORP** **RCRA NonGen / NLR** **1001028378**
WSW **706 11TH AVE** **FINDS** **NYR000006106**
< 1/8 **NEW YORK, NY 10019**
0.116 mi.
615 ft. **Site 16 of 33 in cluster L**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	CHRYSLER REALTY CORP
Facility address:	706 11TH AVE NEW YORK, NY 100195047
EPA ID:	NYR000006106
Mailing address:	11TH AVE NEW YORK, NY 10019
Contact:	Not reported
Contact address:	11TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

CHRYSLER REALTY CORP (Continued) **1001028378**

Owner/operator name: CHRYSLER REALTY CORP
Owner/operator address: 1450 W LONG LAKE RD
TROY, MI 48098
Owner/operator country: US
Owner/operator telephone: (810) 952-1200
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CHRYSLER REALTY CORP
Owner/operator address: 1450 W LONG LAKE RD
TROY, MI 48098
Owner/operator country: US
Owner/operator telephone: (810) 952-1200
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: CHRYSLER REALTY CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: CHRYSLER REALTY CORP
Classification: Not a generator, verified

Date form received by agency: 06/08/1995
Facility name: CHRYSLER REALTY CORP
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004514320

Environmental Interest/Information System

CHRYSLER REALTY CORP (Continued) **1001028378**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L173 **CHRYSLER REALTY CORP** **NY MANIFEST** **S102672056**
WSW **706 11TH AVE** **NY Spills** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.116 mi.
615 ft. **Site 17 of 33 in cluster L**

Relative:
Higher

Actual:
25 ft.

NY MANIFEST:

EPA ID:	NYR000006106
Country:	USA
Mailing Name:	CHRYSLER REALTY CORP
Mailing Contact:	JOSEPH FRANCOMANO
Mailing Address:	706 11TH AVE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	914-639-7387

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID:	9306238
DER Facility ID:	260099
Facility Type:	ER
Site ID:	322885
DEC Region:	2
Spill Date:	7/22/1993
Spill Number/Closed Date:	9306238 / 11/9/2000
Spill Cause:	Housekeeping
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	8/20/1993
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Non Major Facility > 1,100 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/24/1993

CHRYSLER REALTY CORP (Continued) **S102672056**

Spill Record Last Update:	11/9/2000
Spiller Name:	SAUL JERICHO
Spiller Company:	POTAMKIN CHRYSLER PLYMOUT
Spiller Address:	706 11TH AVENUE
Spiller City,St,Zip:	NEW YORK, NY 10019-
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	SPILLAGE POSSIBLE CAME FROM OLD LINE AREA - OIL WATER SEPARATOR AREA. PROPERTY FOR SALE. BORINGS DALE AND CONTAINED SOIL DISCOVERED.

Material:

Site ID:	322885
Operable Unit ID:	984386
Operable Unit:	01
Material ID:	396124
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9211268
DER Facility ID:	89014
Facility Type:	ER
Site ID:	100216
DEC Region:	2
Spill Date:	12/30/1992
Spill Number/Closed Date:	9211268 / 5/4/1993
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	12/30/1992
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	5/4/1993
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/7/1993
Spill Record Last Update:	3/11/2003
Spiller Name:	SAUL JERICHO

CHRYSLER REALTY CORP (Continued) **S102672056**

Spiller Company:	POTAMKIN CHRISTLER PLYMOU
Spiller Address:	706 11TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	DOING ENV TESTING-FOUND TANK HAD A LEAK . NOT SURE WHEN OCCURED-WILL EVACUATE

Material:

Site ID:	100216
Operable Unit ID:	978230
Operable Unit:	01
Material ID:	404681
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

J174 **464 WEST 51ST STREET** **NY TANKS** **S110771926**
SSE **464 WEST 51ST STREET** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.117 mi.
618 ft. **Site 9 of 11 in cluster J**

Relative:
Higher

Actual:
41 ft.

TANKS:

Facility Id:	2-470848
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/02/11
UTM X:	585249.15501999995
UTM Y:	4513150.4314700002

P175 **EDR US Hist Auto Stat** **1015504529**
ESE **455 W 53RD ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.117 mi.
620 ft. **Site 3 of 16 in cluster P**

Relative:
Higher

Actual:
43 ft.

EDR Historical Auto Stations:

Name:	MIDAS MUFFLER & BRAKE SHOPS
Year:	1999
Address:	455 W 53RD ST
Name:	MIDAS MUFFLER & BRAKE SHOPS

(Continued) **1015504529**

Year: 2000
Address: 455 W 53RD ST

Name: MIDAS MUFFLER & BRAKE SHOPS
Year: 2001
Address: 455 W 53RD ST

Name: MIDAS AUTO SYSTEMS EXPERTS
Year: 2002
Address: 455 W 53RD ST

Name: MIDAS AUTO SYSTEMS EXPERTS
Year: 2003
Address: 455 W 53RD ST

P176 **23-24 ASSOC., LLC** **NY UST** **U004122425**
ESE **455 WEST 53RD STREET** **NY AST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.117 mi.
620 ft. **Site 4 of 16 in cluster P**

Relative:
Higher

Actual:
43 ft.

UST:
Id/Status: 2-605581 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585353.83230000001
UTM Y: 4513289.4139200002

Affiliation Records:
Site Id: 27448
Affiliation Type: On-Site Operator
Company Name: 23-24 ASSOCLLC
Contact Type: Not reported
Contact Name: PETER FANDAROS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 722-2020
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/10/2008

Site Id: 27448
Affiliation Type: Emergency Contact
Company Name: 23-24 ASSOC, LLC
Contact Type: Not reported
Contact Name: GARY SPINDLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

23-24 ASSOC., LLC (Continued) **U004122425**

Country Code:	999
Phone:	(212) 929-9404
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	4/10/2008

Site Id:	27448
Affiliation Type:	Facility Owner
Company Name:	23-24 ASSOCIATES, LLC
Contact Type:	MANAGER
Contact Name:	GARY SPINDLER
Address1:	C/O PARK-IT 250 W 26TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10001
Country Code:	001
Phone:	(212) 929-9404
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/23/2008

Site Id:	27448
Affiliation Type:	Mail Contact
Company Name:	HYDROTECH ENVIRONMENTAL CORP.
Contact Type:	Not reported
Contact Name:	PAUL I. MATLI
Address1:	1111 FULTON STREET
Address2:	2ND FLOOR
City:	BROOKLYN
State:	NY
Zip Code:	11238
Country Code:	001
Phone:	(718) 636-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/17/2009

Tank Info:

Tank Number:	2
Tank ID:	222390
Tank Status:	Closed - In Place
Capacity Gallons:	550
Install Date:	01/01/2005
Date Tank Closed:	01/01/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported

23-24 ASSOC., LLC (Continued) **U004122425**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/26/2009

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None

Tank Number: 3
Tank ID: 222391
Tank Status: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/2005
Date Tank Closed: 01/01/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/26/2009

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 4
Tank ID: 222392
Tank Status: Closed - In Place
Capacity Gallons: 550

23-24 ASSOC., LLC (Continued) **U004122425**

Install Date: 01/01/2005
Date Tank Closed: 01/01/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/26/2009

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None

Tank Number: 5
Tank ID: 222393
Tank Status: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/2005
Date Tank Closed: 01/01/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/26/2009

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
I00 - Overfill - None

23-24 ASSOC., LLC (Continued) **U004122425**

L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 6
Tank ID: 222394
Tank Status: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/2005
Date Tank Closed: 01/01/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/26/2009

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None

Tank Number: 7
Tank ID: 222395
Tank Status: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/2005
Date Tank Closed: 01/01/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/26/2009

23-24 ASSOC., LLC (Continued) **U004122425**

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground

Tank Number:	8
Tank ID:	222396
Tank Status:	Closed - In Place
Capacity Gallons:	550
Install Date:	01/01/2005
Date Tank Closed:	01/01/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	02/26/2009

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

Tank Number:	9
Tank ID:	222397
Tank Status:	Closed - In Place
Capacity Gallons:	550
Install Date:	01/01/2005
Date Tank Closed:	01/01/2008
Registered:	True
Tank Location:	Underground

23-24 ASSOC., LLC (Continued) **U004122425**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/26/2009

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-605581
Program Type: PBS
UTM X: 585353.83230000001
UTM Y: 4513289.4139200002
Expiration Date: N/A

Affiliation Records:
Site Id: 27448
Affiliation Type: On-Site Operator
Company Name: 23-24 ASSOCLLC
Contact Type: Not reported
Contact Name: PETER FANDAROS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 722-2020
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/10/2008

Site Id: 27448
Affiliation Type: Emergency Contact
Company Name: 23-24 ASSOC, LLC
Contact Type: Not reported
Contact Name: GARY SPINDLER

23-24 ASSOC., LLC (Continued) **U004122425**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 929-9404
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	4/10/2008

Site Id:	27448
Affiliation Type:	Facility Owner
Company Name:	23-24 ASSOCIATES, LLC
Contact Type:	MANAGER
Contact Name:	GARY SPINDLER
Address1:	C/O PARK-IT 250 W 26TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10001
Country Code:	001
Phone:	(212) 929-9404
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/23/2008

Site Id:	27448
Affiliation Type:	Mail Contact
Company Name:	HYDROTECH ENVIRONMENTAL CORP.
Contact Type:	Not reported
Contact Name:	PAUL I. MATLI
Address1:	1111 FULTON STREET
Address2:	2ND FLOOR
City:	BROOKLYN
State:	NY
Zip Code:	11238
Country Code:	001
Phone:	(718) 636-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/17/2009

Tank Info:

Tank Number:	P232162
Tank Id:	60079
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

23-24 ASSOC., LLC (Continued) **U004122425**

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/01/2008
Register:	True
Modified By:	NRLOMBAR
Last Modified:	05/18/2009

I177 **AMSTERDAM** **NY Spills** **S102145689**
ENE **W 55TH STREET** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.120 mi.
634 ft. **Site 20 of 24 in cluster I**

Relative:
Higher

Actual:
37 ft.

SPILLS:

Facility ID:	8911321
DER Facility ID:	193207
Facility Type:	ER
Site ID:	234553
DEC Region:	2
Spill Date:	2/28/1990
Spill Number/Closed Date:	8911321 / 2/28/1990
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	3101
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	2/28/1990
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	2/28/1990
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/11/1990
Spill Record Last Update:	11/14/1994
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ

AMSTERDAM (Continued) **S102145689**

Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: VALVE NOT HOLDING, LEAKING, NYCFD, NYCPD & NYCDEP WAS AT SITE, STORING FUEL OIL IN BUCKETS UNTIL PLUMBER REPAIRS VALVE, WILL TRANSFER OIL IN MORNING, CREW TO CLEAN UP SPILL.

Material:
Site ID: 234553
Operable Unit ID: 936998
Operable Unit: 01
Material ID: 440845
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 234553
Spill Tank Test: 1536808
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

J178 **EDR US Hist Cleaners** **1015092319**
South **734 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.120 mi.
635 ft. **Site 10 of 11 in cluster J**

Relative:
Higher

Actual:
40 ft.

EDR Historical Cleaners:
Name: J VALET CLEANERS
Year: 1999
Address: 734 10TH AVE

Name: J VALET CLEANERS
Year: 2000
Address: 734 10TH AVE

Name: WJ VALFT CLEANERS
Year: 2001
Address: 734 10TH AVE

Name: WEST SIDE CLEANERS CORP
Year: 2004
Address: 734 10TH AVE

(Continued) **1015092319**

Name: 734 CLEANERS
Year: 2010
Address: 734 10TH AVE

Name: 734 CLEANERS
Year: 2011
Address: 734 10TH AVE

Name: 734 CLEANERS
Year: 2012
Address: 734 10TH AVE

O179 **787 11TH AVE/MANHATTAN** **NY Spills** **S102142118**
NNW **787 11TH AVENUE** **N/A**
< 1/8 **MANHATTAN, NY**
0.121 mi.
638 ft. **Site 4 of 21 in cluster O**

Relative:
Higher

Actual:
23 ft.

SPILLS:

Facility ID:	8909795
DER Facility ID:	247488
Facility Type:	ER
Site ID:	306435
DEC Region:	2
Spill Date:	1/11/1990
Spill Number/Closed Date:	8909795 / 12/8/1992
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1/11/1990
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	12/8/1992
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/23/1990
Spill Record Last Update:	10/14/2008
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	TANK OVERFILL DUE TO FAULTY GAUGE, HESS SPILL TEAM EN ROUTE, WILL CLEAN UP & DISPOSE.

Material:

Site ID:	306435

787 11TH AVE/MANHATTAN (Continued) **S102142118**

Operable Unit ID:	936841
Operable Unit:	01
Material ID:	442944
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	70
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

O180 **POTAMKIN CADILLAC** **NY Spills** **S101658330**
NNW **787 11TH AVE-1600 W. 55TH** **N/A**
< 1/8 **MANHATTAN, NY**
0.121 mi.
638 ft. **Site 5 of 21 in cluster O**

Relative:
Higher

Actual:
23 ft.

SPILLS:

Facility ID:	9502418
DER Facility ID:	180619
Facility Type:	ER
Site ID:	218315
DEC Region:	2
Spill Date:	5/26/1995
Spill Number/Closed Date:	9502418 / 5/26/1995
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	5/26/1995
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	5/26/1995
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/9/1995
Spill Record Last Update:	10/14/2008
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported

POTAMKIN CADILLAC (Continued) **S101658330**

Remarks: ABANDONED TANK - NOT USED FOR PAST 30 YRS. - TANK BEING CLOSE - HOLES FOUND IN TANK - TANK IS 1,000 GALLONS - WHEN CONTRACTOR CLEANED TANK, FOUND CORRISION HOLES AT THE BOTTOM.

Material:

Site ID:	218315
Operable Unit ID:	1016847
Operable Unit:	01
Material ID:	367469
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

O181 **619 W 54 ST** **NY UST** **U000411366**
NNW **619 WEST 54TH STREET** **NY HIST UST** **N/A**
< 1/8 **NEW YORK, NY 10019** **NY AST**
0.121 mi. **NY HIST AST**
641 ft. **Site 6 of 21 in cluster O** **NY MANIFEST**

Relative:
Lower

Actual:
21 ft.

UST:

Id/Status:	2-248177 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2017/03/28
UTM X:	585005.20105999999
UTM Y:	4513569.1705600005

Affiliation Records:

Site Id:	9792
Affiliation Type:	Mail Contact
Company Name:	JONES LANG LASALLE INC.
Contact Type:	Not reported
Contact Name:	RICHARD MOLFESE
Address1:	619 WEST 54TH STREET
Address2:	10TH FLOOR BUILDING OFFICE
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 247-2670
EMail:	RICHARD.MOLFESE@AM.JLL.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/12/2012

Site Id:	9792
Affiliation Type:	On-Site Operator
Company Name:	619 W 54 ST

619 W 54 ST (Continued) **U000411366**

Contact Type:	Not reported
Contact Name:	SERGINIO FAROUL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 247-2670
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/5/2011

Site Id:	9792
Affiliation Type:	Emergency Contact
Company Name:	SM111 619 W54 LLC
Contact Type:	Not reported
Contact Name:	RICHARD MOLFESE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(845) 492-1795
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/12/2012

Site Id:	9792
Affiliation Type:	Facility Owner
Company Name:	SM111 619 W54 LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	619 WEST 54TH ST, 10TH FL BLDG OFFICE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 247-2670
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/12/2012

Tank Info:

Tank Number:	004
Tank ID:	241840
Tank Status:	Closed - In Place
Capacity Gallons:	2500
Install Date:	Not reported
Date Tank Closed:	11/15/2011
Registered:	True

619 W 54 ST (Continued) **U000411366**

Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	12/05/2011

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
K00 - Spill Prevention - None
I00 - Overfill - None

HIST UST:

PBS Number:	2-481890
SPDES Number:	Not reported
Emergency Contact:	CHARLES GRANICK
Emergency Telephone:	(212) 354-3181
Operator:	NEWMARK & CO. REAL ESTATE
Operator Telephone:	(212) 247-2626
Owner Name:	619 OWNER'S CORPORATION, %NEWMARK & COMPANY REALES
Owner Address:	125 PARK AVENUE
Owner City,St,Zip:	NEW YORK, NY 10017
Owner Telephone:	(212) 354-3181
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	619 OWNER'S CORPORATION, %NEWMARK & COMPANY REALES
Mailing Address:	125 PARK AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10017
Mailing Contact:	CHARLES GRANICK
Mailing Telephone:	(212) 354-3181
Owner Mark:	First Owner
Facility Status:	3 - Administratively closed (reasons include business is closed and/or mail is undeliverable, and staff cannot check if tanks were removed; or a duplicate registration was generated).
Facility Addr2:	619 WEST 54TH ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported

619 W 54 ST (Continued) **U000411366**

Certification Flag: False
Certification Date: 06/23/1995
Expiration Date: 09/11/2000
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 62
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: Undefined
Install Date: Not reported
Capacity (gals): 5000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 08/02/2000
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-248177
Program Type: PBS
UTM X: 585005.20105999999
UTM Y: 4513569.1705600005
Expiration Date: 2017/03/28

Affiliation Records:
Site Id: 9792
Affiliation Type: Mail Contact
Company Name: JONES LANG LASALLE INC.

619 W 54 ST (Continued) **U000411366**

Contact Type:	Not reported
Contact Name:	RICHARD MOLFESE
Address1:	619 WEST 54TH STREET
Address2:	10TH FLOOR BUILDING OFFICE
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 247-2670
EMail:	RICHARD.MOLFESE@AM.JLL.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/12/2012

Site Id:	9792
Affiliation Type:	On-Site Operator
Company Name:	619 W 54 ST
Contact Type:	Not reported
Contact Name:	SERGINIO FAROUL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 247-2670
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/5/2011

Site Id:	9792
Affiliation Type:	Emergency Contact
Company Name:	SM111 619 W54 LLC
Contact Type:	Not reported
Contact Name:	RICHARD MOLFESE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(845) 492-1795
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/12/2012

Site Id:	9792
Affiliation Type:	Facility Owner
Company Name:	SM111 619 W54 LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	619 WEST 54TH ST, 10TH FL BLDG OFFICE
Address2:	Not reported
City:	NEW YORK
State:	NY

619 W 54 ST (Continued) **U000411366**

Zip Code:	10019
Country Code:	001
Phone:	(212) 247-2670
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/12/2012

Tank Info:

Tank Number:	001
Tank Id:	39227
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/02/2000
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	001
Tank Id:	10695
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

619 W 54 ST (Continued) **U000411366**

L09 - Piping Leak Detection - Exempt Suction Piping
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/06/2005
Register: True
Modified By: NRLOMBAR
Last Modified: 10/03/2005

Tank Number: 002
Tank Id: 10696
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
B00 - Tank External Protection - None
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/01/2004
Register: True
Modified By: NRLOMBAR
Last Modified: 01/31/2005

Tank Number: 003
Tank Id: 208182
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground

619 W 54 ST (Continued) **U000411366**

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/25/2005
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	01/10/2012

Affiliation Records:

Site Id:	21569
Affiliation Type:	Facility Owner
Company Name:	619 OWNERS CORPORATION, %NEWMARK & COMPANY REALES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	125 PARK AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(212) 354-3181
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21569
Affiliation Type:	Mail Contact
Company Name:	619 OWNERS CORPORATION, %NEWMARK & COMPANY REALES
Contact Type:	Not reported
Contact Name:	CHARLES GRANICK
Address1:	125 PARK AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(212) 354-3181
EMail:	Not reported
Fax Number:	Not reported

619 W 54 ST (Continued) **U000411366**

Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21569
Affiliation Type:	On-Site Operator
Company Name:	619 WEST 54TH ST
Contact Type:	Not reported
Contact Name:	NEWMARK & CO. REAL ESTATE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 247-2626
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21569
Affiliation Type:	Emergency Contact
Company Name:	619 OWNERS CORPORATION, %NEWMARK & COMPANY REALES
Contact Type:	Not reported
Contact Name:	CHARLES GRANICK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 354-3181
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	39227
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron

619 W 54 ST (Continued) **U000411366**

Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/02/2000
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	001
Tank Id:	10695
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/06/2005
Register:	True
Modified By:	NRLOMBAR
Last Modified:	10/03/2005

Tank Number:	002
Tank Id:	10696
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

619 W 54 ST (Continued) **U000411366**

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/01/2004
Register:	True
Modified By:	NRLOMBAR
Last Modified:	01/31/2005

Tank Number:	003
Tank Id:	208182
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/25/2005
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	01/10/2012

HIST AST:
PBS Number: 2-248177

619 W 54 ST (Continued) **U000411366**

SWIS Code:	6201
Operator:	BILL BLAIR
Facility Phone:	(212) 757-7158
Facility Addr2:	619 W 54TH ST
Facility Type:	OTHER
Emergency:	BILL BLAIR
Emergency Tel:	(212) 512-9536
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	619 OWNERS CORPORATION % NEWMARK & CO. REAL ESTATE
Owner Address:	125 PARK AVENUE
Owner City,St,Zip:	NEW YORK, NY 10017
Federal ID:	Not reported
Owner Tel:	(212) 512-9536
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	CHARLES GRANICK
Mailing Name:	619 OWNERS CORPORATION
Mailing Address:	% NEWMARK & CO. REAL ESTATE
Mailing Address 2:	125 PARK AVENUE
Mailing City,St,Zip:	NEW YORK, NY 10017
Mailing Telephone:	(212) 512-9536
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/25/1997
Expiration:	09/19/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	10000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported

619 W 54 ST (Continued) **U000411366**

Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND
Tank Status:	Tank Converted To Non-Regulated Use
Install Date:	Not reported
Capacity (Gal):	1000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

NY MANIFEST:

EPA ID:	NYD076445204
Country:	USA
Mailing Name:	MOVIE LABS
Mailing Contact:	MOVIE LABS
Mailing Address:	619 WEST 54TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-956-3900

619 W 54 ST (Continued) **U000411366**

NY MANIFEST:
No Manifest Records Available

O182 **MOVIELAB VIDEO INC** **RCRA NonGen / NLR** **1000249187**
NNW **619 W 54TH ST** **FINDS** **NYD076445204**
< 1/8 **NEW YORK, NY 10019**
0.121 mi.
641 ft. **Site 7 of 21 in cluster O**

Relative:
Lower

Actual:
21 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: MOVIELAB VIDEO INC
Facility address: 619 W 54TH ST
NEW YORK, NY 10019
EPA ID: NYD076445204
Mailing address: W 54TH ST
NEW YORK, NY 10019
Contact: Not reported
Contact address: W 54TH ST
NEW YORK, NY 10019
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MOVIELAB INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MOVIELAB INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

MOVIELAB VIDEO INC (Continued) **1000249187**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MOVIELAB VIDEO INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MOVIELAB VIDEO INC
Classification: Not a generator, verified

Date form received by agency: 02/14/1986
Facility name: MOVIELAB VIDEO INC
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/17/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004369184

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I183 **CON ED - V 2586** **RCRA NonGen / NLR** **1007206152**
ENE **834 10TH AVE** **NY MANIFEST** **NYP004004578**
< 1/8 **NEW YORK, NY 10019**
0.122 mi.
642 ft. **Site 21 of 24 in cluster I**

Relative:
Higher

Actual:
37 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/28/1998
Facility name: CON ED - V 2586
Facility address: 834 10TH AVE
NEW YORK, NY 100190000
EPA ID: NYP004004578

CON ED - V 2586 (Continued) **1007206152**

Mailing address: CONSOLIDATED EDISON INC
4 IRVING PL RM 300
NEW YORK, NY 100030000
Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC
NEW YORK, NY 100030000
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/27/1998
Facility name: CON ED - V 2586
Classification: Not a generator, verified

Date form received by agency: 02/26/1998
Facility name: CON ED - V 2586
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP004004578
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYB8467362

CON ED - V 2586 (Continued) **1007206152**

Manifest Status:	Completed copy
Trans1 State ID:	GX3216
Trans2 State ID:	Not reported
Generator Ship Date:	970130
Trans1 Recv Date:	970130
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970130
Part A Recv Date:	970219
Part B Recv Date:	970211
Generator EPA ID:	NYP004004578
Trans1 EPA ID:	NYD006982359
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity:	01340
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

I184 **CONSOLIDATED EDISON** **NY MANIFEST** **S109825642**
ENE **834 10 AVE AND W 55 ST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.122 mi.
642 ft. **Site 22 of 24 in cluster I**

Relative:
Higher

Actual:
37 ft.

NY MANIFEST:

EPA ID:	NYP004176376
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10020
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-24
Trans1 Recv Date:	2009-06-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176376
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported

CONSOLIDATED EDISON (Continued) **S109825642**

Quantity:	7500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532163JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-24
Trans1 Recv Date:	2009-06-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176376
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	7500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532163JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

CONSOLIDATED EDISON (Continued) **S109825642**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-24
Trans1 Recv Date:	2009-06-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176376
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	7500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532163JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

I185 **CON EDISON - MANHOLE 56252** **RCRA-LQG** **1014395881**
ENE **834 10 AVE AND W 55 ST** **NYP004176376**
< 1/8 **NEW YORK, NY 10019**
0.122 mi.
642 ft. **Site 23 of 24 in cluster I**

Relative:
Higher

Actual:
37 ft.

RCRA-LQG:

Date form received by agency:	03/23/2010
Facility name:	CON EDISON - MANHOLE 56252
Facility address:	834 10 AVE AND W 55 ST NEW YORK, NY 10019
EPA ID:	NYP004176376
Mailing address:	4 IRVING PLACE NEW YORK, NY 10003
Contact:	FRANKLYN MURRAY
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(212) 460-2808
Contact email:	MURRAYFR@CONED.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any

CON EDISON - MANHOLE 56252 (Continued) **1014395881**

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/21/2009
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/21/2009
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

Waste code:	D008
Waste name:	LEAD

Violation Status: No violations found

I186 **NY LTANKS** **S104620901**
ENE **WEST 55TH S T& 10TH AV** **N/A**
< 1/8 **MANHATTAN, NY**
0.122 mi.
643 ft. **Site 24 of 24 in cluster I**

Relative:
Higher

Actual:
37 ft.

LTANKS:

Site ID:	229965
Spill Number/Closed Date:	9913880 / 1/24/2001
Spill Date:	3/9/2000
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JMROMMEL
Referred To:	Not reported
Reported to Dept:	3/9/2000
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/9/2000
Spill Record Last Update:	1/31/2001
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	WEST 55TH S T& 10TH AV
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	GEORGE VASSILEV
Spiller Phone:	(631) 369-4900
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	189536
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"3/9/00Left message for George at Miller to perform site assessment and submit report to my attention.3/16/00On site, met George and representatives from Gotham Construction.They demolished an old building that had two large bay areas, a total of 6 USTs - 4 gasoline in northeast corner of property and a fuel oil tanks in the northwest corner and in the southeast corner. There were also two floor drains that discharged directly in the ground. They are constructing a 6 story residential building. Miller performed preclass borings and contamination was encountered to a depth of 15 feet. Refusal was hit at 17'. '93 borings were performed by Soil Mechanics along 55th Street. Bedrock (schist) encountered at approximately 40 bg. Water was encountered above the bedrock at Miller will collect endpoint samples at the terminus of excavation. Miller will also submit the analytical from the borings and from the samples collected around the gas tanks for disposal.
Remarks:	during tank removal caller found contaminared soil

Material:

Site ID:	229965

(Continued) **S104620901**

Operable Unit ID:	1092233
Operable Unit:	01
Material ID:	292166
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	229965
Operable Unit ID:	1092233
Operable Unit:	01
Material ID:	292167
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

J187 **CHURCH SACRED HEART OF JESUS** **NY UST** **U000402444**
SSE **457 WEST 51 ST** **NY HIST UST** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.122 mi.
645 ft. **Site 11 of 11 in cluster J**

Relative:
Higher

Actual:
42 ft.

UST:

Id/Status:	2-285722 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585272.44032000005
UTM Y:	4513151.5877999999

Affiliation Records:

Site Id:	12714
Affiliation Type:	Facility Owner
Company Name:	CHURCH SACRED HEART OF JESUS
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	457 WEST 51 ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019-6389
Country Code:	001
Phone:	(212) 265-5020
EMail:	Not reported

CHURCH SACRED HEART OF JESUS (Continued) **U000402444**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12714
Affiliation Type:	Mail Contact
Company Name:	CHURCH SACRED HEART OF JESUS
Contact Type:	Not reported
Contact Name:	FATHER NIELAN
Address1:	457 WEST 51 ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019-6389
Country Code:	001
Phone:	(212) 265-5020
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12714
Affiliation Type:	On-Site Operator
Company Name:	CHURCH SACRED HEART OF JESUS
Contact Type:	Not reported
Contact Name:	FATHER NIELAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 265-5020
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12714
Affiliation Type:	Emergency Contact
Company Name:	CHURCH SACRED HEART OF JESUS
Contact Type:	Not reported
Contact Name:	CASTLE COAL AND OIL CO INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 823-8800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

CHURCH SACRED HEART OF JESUS (Continued) **U000402444**

Tank Number: 001
Tank ID: 17592
Tank Status: Closed - In Place
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 01/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 09/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

HIST UST:
PBS Number: 2-285722
SPDES Number: Not reported
Emergency Contact: CASTLE COAL AND OIL CO INC
Emergency Telephone: (212) 823-8800
Operator: FATHER NIELAN
Operator Telephone: (212) 265-5020
Owner Name: CHURCH SACRED HEART OF JESUS
Owner Address: 457 WEST 51 ST
Owner City,St,Zip: NEW YORK, NY 10019-6389
Owner Telephone: (212) 265-5020
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: CHURCH SACRED HEART OF JESUS
Mailing Address: 457 WEST 51 ST
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10019-6389
Mailing Contact: FATHER NIELAN
Mailing Telephone: (212) 265-5020
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: 457 WEST 51 ST
SWIS ID: 6201
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported

CHURCH SACRED HEART OF JESUS (Continued) **U000402444**

Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/01/1997
Expiration Date:	07/20/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	01/01/2000
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

L188 **ODOR OF GASOLINE IN EXCAVATION** **NY Spills** **S108295994**
WSW **704 11 AVENUE** **N/A**
< 1/8 **MANHATTAN, NY**
0.122 mi.
645 ft. **Site 18 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

SPILLS:

Facility ID:	0609328
DER Facility ID:	323242
Facility Type:	ER
Site ID:	373516
DEC Region:	2

ODOR OF GASOLINE IN EXCAVATION (Continued) **S108295994**

Spill Date:	11/14/2006
Spill Number/Closed Date:	0609328 / 3/19/2007
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	11/14/2006
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/14/2006
Spill Record Last Update:	3/19/2007
Spiller Name:	ERTS
Spiller Company:	CON EDISON
Spiller Address:	704 11TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	999
Contact Name:	ERTS
Contact Phone:	(212) 580-8383
DEC Memo:	03/19/07 - See e-docs for Con Ed report detailing cleanup and closure.203306. see eDocscross-reference spill # 0103148.
Remarks:	WHILE DIGGING SMELL GASOLINE: THERE WAS AN OLD STATION THERE AT ONE TIME: NO TO 5 QUESTIONS: COED # 203306

Material:

Site ID:	373516
Operable Unit ID:	1131216
Operable Unit:	01
Material ID:	2120909
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

O189 **MANHATTAN FORD, LINCOLN MERCURY, INC.** **NY AST** **A100300617**
NNW **787 11TH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.124 mi.
655 ft. **Site 8 of 21 in cluster O**

Relative:
Higher

Actual:
24 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-153192
Program Type:	PBS
UTM X:	585062.19603999995
UTM Y:	4513604.3526299996
Expiration Date:	2017/10/14

Affiliation Records:

Site Id:	4837
Affiliation Type:	Mail Contact
Company Name:	MANHATTAN FORD, LINCOLN-MERCURY, INC.
Contact Type:	Not reported
Contact Name:	JOE DIVITA
Address1:	787 ELEVENTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 581-7800
EMail:	BEN.LAKICEVIC@FORDNYC.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/8/2013

Site Id:	4837
Affiliation Type:	On-Site Operator
Company Name:	MANHATTAN FORD, LINCOLN MERCURY, INC.
Contact Type:	Not reported
Contact Name:	GARY B. FLOM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 549-2400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/28/2007

Site Id:	4837
Affiliation Type:	Emergency Contact
Company Name:	MANHATTAN FORD, LINCOLN-MERCURY, INC.
Contact Type:	Not reported
Contact Name:	/BEN LAKICEVIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

MANHATTAN FORD, LINCOLN MERCURY, INC. (Continued) **A100300617**

Zip Code:	Not reported
Country Code:	999
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/8/2013

Site Id:	4837
Affiliation Type:	Facility Owner
Company Name:	MANHATTAN FORD, LINCOLN-MERCURY, INC.
Contact Type:	FACILITIES MANAGER
Contact Name:	BEN LAKICEVIC
Address1:	787 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 581-7800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/28/2007

Tank Info:

Tank Number:	001
Tank Id:	19572
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1997
Capacity Gallons:	8000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	10/10/2008

MANHATTAN FORD, LINCOLN MERCURY, INC. (Continued) **A100300617**

Tank Number: 002
Tank Id: 57610
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
A01 - Tank Internal Protection - Epoxy Liner
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1997
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 02/28/2007

Tank Number: 003
Tank Id: 53250
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
A01 - Tank Internal Protection - Epoxy Liner
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1997
Capacity Gallons: 2000
Tightness Test Method: NN

MANHATTAN FORD, LINCOLN MERCURY, INC. (Continued) **A100300617**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	02/28/2007

Tank Number:	4
Tank Id:	196452
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location:	4
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/03/2004
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	01/08/2013

O190 **MANHATTAN FORD, LINCOLN-MERCURY JAGUAR** **NY HIST UST U003066876**
NNW **787 11TH AVENUE** **NY HIST AST N/A**
< 1/8 **NEW YORK, NY 10019**
0.124 mi.
655 ft. **Site 9 of 21 in cluster O**

Relative:
Higher

Actual:
24 ft.

HIST UST:

PBS Number:	2-153192
SPDES Number:	Not reported
Emergency Contact:	STEVEN CZERNIUK
Emergency Telephone:	(212) 581-7800
Operator:	MANHATTAN FORD
Operator Telephone:	(212) 581-7800
Owner Name:	MANHATTAN FORD, LINCOLN-MERCURY, INC.
Owner Address:	787 11TH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10019

MANHATTAN FORD, LINCOLN-MERCURY JAGUAR (Continued) **U003066876**

Owner Telephone:	(212) 581-7800
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	MANHATTAN FORD, LINCOLN-MERCURY JAGUAR
Mailing Address:	787 11TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	STEVEN CZERNIUK
Mailing Telephone:	(212) 581-7800
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	787 11TH AVENUE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/21/1997
Expiration Date:	10/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	17000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19291201
Capacity (gals):	1000
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported

MANHATTAN FORD, LINCOLN-MERCURY JAGUAR (Continued) **U003066876**

Missing Data for Tank: No Missing Data
Date Closed: 10/01/1995
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

HIST AST:
PBS Number: 2-153192
SWIS Code: 6201
Operator: MANHATTAN FORD
Facility Phone: (212) 581-7800
Facility Addr2: 787 11TH AVENUE
Facility Type: OTHER
Emergency: STEVEN CZERNIUK
Emergency Tel: (212) 581-7800
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: MANHATTAN FORD, LINCOLN-MERCURY, INC.
Owner Address: 787 11TH AVENUE
Owner City,St,Zip: NEW YORK, NY 10019
Federal ID: Not reported
Owner Tel: (212) 581-7800
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: STEVEN CZERNIUK
Mailing Name: MANHATTAN FORD, LINCOLN-MERCURY JAGUAR
Mailing Address: 787 11TH AVENUE
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10019
Mailing Telephone: (212) 581-7800
Owner Mark: Second Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag: False
Certification Date: 10/21/1997
Expiration: 10/14/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 17000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 62
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND
Tank Status: In Service

MANHATTAN FORD, LINCOLN-MERCURY JAGUAR (Continued) **U003066876**

Install Date:	Not reported
Capacity (Gal):	13000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19970601
Capacity (Gal):	2000
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	1
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	01
Tank Containment:	Vault (w/access)
Leak Detection:	01
Overfill Protection:	25
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	003
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19970601

MANHATTAN FORD, LINCOLN-MERCURY JAGUAR (Continued) **U003066876**

Capacity (Gal):	2000
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	1
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	01
Tank Containment:	Vault (w/access)
Leak Detection:	01
Overfill Protection:	25
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

O191 **MANHATTAN FORD, LINCOLN MERCURY, INC.** **NY UST** **U004076459**
NNW **787 11TH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10019**
0.124 mi.
655 ft. **Site 10 of 21 in cluster O**

Relative:
Higher

Actual:
24 ft.

UST:

Id/Status:	2-153192 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2017/10/14
UTM X:	585062.19603999995
UTM Y:	4513604.3526299996

Affiliation Records:

Site Id:	4837
Affiliation Type:	Mail Contact
Company Name:	MANHATTAN FORD, LINCOLN-MERCURY, INC.
Contact Type:	Not reported
Contact Name:	JOE DIVITA
Address1:	787 ELEVENTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 581-7800
EMail:	BEN.LAKICEVIC@FORDNYC.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/8/2013

Site Id:	4837
Affiliation Type:	On-Site Operator

MANHATTAN FORD, LINCOLN MERCURY, INC. (Continued) **U004076459**

Company Name:	MANHATTAN FORD, LINCOLN MERCURY, INC.
Contact Type:	Not reported
Contact Name:	GARY B. FLOM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 549-2400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/28/2007

Site Id:	4837
Affiliation Type:	Emergency Contact
Company Name:	MANHATTAN FORD, LINCOLN-MERCURY, INC.
Contact Type:	Not reported
Contact Name:	/BEN LAKICEVIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/8/2013

Site Id:	4837
Affiliation Type:	Facility Owner
Company Name:	MANHATTAN FORD, LINCOLN-MERCURY, INC.
Contact Type:	FACILITIES MANAGER
Contact Name:	BEN LAKICEVIC
Address1:	787 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 581-7800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/28/2007

Tank Info:

Tank Number:	002-A
Tank ID:	57611
Tank Status:	Closed - In Place
Capacity Gallons:	1000
Install Date:	12/01/1929
Date Tank Closed:	10/01/1995

MANHATTAN FORD, LINCOLN MERCURY, INC. (Continued) **U004076459**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

O192 **MANHATTAN FORD LINCOLN-MERCURY INC** **RCRA NonGen / NLR** **1001202944**
NNW **787 11TH AVE** **NY MANIFEST** **NYR000042291**
< 1/8 **NEW YORK, NY 10019**
0.124 mi.
655 ft. **Site 11 of 21 in cluster O**

Relative: Higher

Actual: 24 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MANHATTAN FORD LINCOLN-MERCURY INC
Facility address:	787 11TH AVE NEW YORK, NY 100193538
EPA ID:	NYR000042291
Mailing address:	11TH AVE NEW YORK, NY 10019
Contact:	Not reported
Contact address:	11TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MANHATTAN FORD LINCOLN-MERCURY INC
Owner/operator address:	787 11TH AVE NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	(212) 581-7800
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

MANHATTAN FORD LINCOLN-MERCURY INC (Continued) **1001202944**

Owner/operator name: MANHATTAN FORD LINCOLN-MERCURY INC
Owner/operator address: 787 11TH AVE
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 581-7800
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MANHATTAN FORD LINCOLN-MERCURY INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MANHATTAN FORD LINCOLN-MERCURY INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1997
Facility name: MANHATTAN FORD LINCOLN-MERCURY INC
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000042291
Country: USA
Mailing Name: MANHATTAN FORD LINCOLN/MERCURY
Mailing Contact: ED LA SALLA
Mailing Address: 787 11TH AVE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-549-2338

MANHATTAN FORD LINCOLN-MERCURY INC (Continued) **1001202944**

Document ID:	NYG3086892
Manifest Status:	Not reported
Trans1 State ID:	NYR000038000
Trans2 State ID:	Not reported
Generator Ship Date:	05/28/2002
Trans1 Recv Date:	05/28/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/29/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000042291
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID:	1A480
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00015
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	00.77
Year:	2002

Document ID:	NYG0826893
Manifest Status:	Not reported
Trans1 State ID:	NYR000038000
Trans2 State ID:	Not reported
Generator Ship Date:	10/11/1999
Trans1 Recv Date:	10/11/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/21/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000042291
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID:	1A480
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

Document ID:	NYG2217123
Manifest Status:	Not reported
Trans1 State ID:	NYR000038000
Trans2 State ID:	Not reported
Generator Ship Date:	08/24/2000
Trans1 Recv Date:	08/24/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/29/2000
Part A Recv Date:	Not reported

MANHATTAN FORD LINCOLN-MERCURY INC (Continued) **1001202944**

Part B Recv Date:	Not reported
Generator EPA ID:	NYR000042291
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID:	1A480
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00400
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYR000038000
Trans2 State ID:	Not reported
Generator Ship Date:	2009-09-18
Trans1 Recv Date:	2009-09-18
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-09-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000042291
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	Not reported
Quantity:	110.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005708456JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYR000038000
Trans2 State ID:	Not reported
Generator Ship Date:	2009-09-18
Trans1 Recv Date:	2009-09-18

MANHATTAN FORD LINCOLN-MERCURY INC (Continued) **1001202944**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-09-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000042291
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	Not reported
Quantity:	110.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005708456JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

L193 **MARTIN MANHATTAN HYUNDAI** **RCRA NonGen / NLR** **1000411903**
West **625 W 51ST ST** **FINDS** **NYD986884104**
< 1/8 **NEW YORK, NY 10019**
0.124 mi.
656 ft. **Site 19 of 33 in cluster L**

Relative:
Lower

Actual:
20 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MARTIN MANHATTAN HYUNDAI
Facility address:	625 W 51ST ST NEW YORK, NY 100195008
EPA ID:	NYD986884104
Mailing address:	W 51ST ST NEW YORK, NY 10019
Contact:	Not reported
Contact address:	W 51ST ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MARK ELLIOT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999

MARTIN MANHATTAN HYUNDAI (Continued) **1000411903**

Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MARK ELLIOT
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MARTIN MANHATTAN HYUNDAI
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MARTIN MANHATTAN HYUNDAI
Classification: Not a generator, verified

Date form received by agency: 10/26/1989
Facility name: MARTIN MANHATTAN HYUNDAI
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004439386

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

MARTIN MANHATTAN HYUNDAI (Continued) **1000411903**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L194 **LOT 17,TAXBLOCK 1099** **NY E DESIGNATION** **S111072692**
West **625 WEST 51 STREET** **N/A**
< 1/8 **MANHATTAN, NY 10019**
0.124 mi.
656 ft. **Site 20 of 33 in cluster L**

Relative:
Lower

Actual:
20 ft.

E DESIGNATION:

Tax Lot(s):	17
E-No:	E-268
Effective Date:	6/14/2011
Satisfaction Date:	Not reported
Ceqr Number:	11DCP068M
Ulurp Number:	110177ZMM
Zoning Map No:	8c
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	MN
Community District:	104
Census Tract:	135
Census Block:	2003
School District:	02
City Council District:	03
Fire Company:	E040
Health Area:	15
Police Precinct:	018
Zone District 1:	M2-3
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	CL
Special Purpose District2:	Not reported
All Components1:	M2-3/CL
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G1
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	51ST STREET REALTY IN
Lot Area:	000005021
Total Building Floor Area:	00000010000
Commercial Floor Area:	00000010000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000010000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0050.00

LOT 17,TAXBLOCK 1099 (Continued) **S111072692**

Lot Depth:	0100.42
Building Frontage:	0050.00
Building Depth:	0100.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000202500
Total Assessed Value:	00000294300
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1938
Year Built Code:	Not reported
Year Altered1:	1989
Year Altered2:	1997
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.99
Maximum Allowable Far:	2.00
Borough Code:	1
Borough Tax Block And Lot:	1010990017
Condominium Number:	00000
Census Tract 2:	0135
X Coordinate:	0985510
Y Coordinate:	0218775
Zoning Map:	08C
Sanborn Map:	105N050
Tax Map:	10405
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

L195 **CON EDISON - RIVERSIDE** **RCRA-SQG** **1007112644**
WSW **700 11TH AVE** **NJ MANIFEST** **NYR000119412**
1/8-1/4 **NEW YORK, NY 10019**
0.127 mi.
671 ft. **Site 21 of 33 in cluster L**

Relative:
Higher

Actual:
25 ft.

RCRA-SQG:

Date form received by agency:	01/01/2007
Facility name:	CON EDISON - RIVERSIDE
Facility address:	700 11TH AVE NEW YORK, NY 10019
EPA ID:	NYR000119412
Mailing address:	4 IRVING PLACE NEW YORK, NY 10003
Contact:	FRANKLIN MURRAY
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(212) 460-2808

CON EDISON - RIVERSIDE (Continued) **1007112644**

Contact email: MURRAYFR@CONED.COM
EPA Region: 02
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MARTIN SCHLANGER
Owner/operator address: UNKNOWN
UNKNOWN, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/30/2005
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/21/2006
Facility name: CON EDISON - RIVERSIDE
Classification: Large Quantity Generator

Date form received by agency: 02/20/2006
Facility name: CON EDISON - RIVERSIDE
Classification: Small Quantity Generator

CON EDISON - RIVERSIDE (Continued) **1007112644**

Date form received by agency: 10/21/2003
Facility name: CON EDISON - RIVERSIDE
Site name: CON ED AT MARTIN MOTOR SALES INC
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/17/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NJ MANIFEST:

Manifest Code:	NJA5239376
EPA ID:	NYR000119412
Date Shipped:	03/06/2006
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/06/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/06/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON - RIVERSIDE (Continued) **1007112644**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06190621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

L196 **ASTOR SUBSTATION** **NY UST U004076111**
WSW **700 11TH AVENUE** **NY AST N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.127 mi.
671 ft. **Site 22 of 33 in cluster L**

Relative:
Higher

Actual:
25 ft.

UST:

Id/Status:	2-010707 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	584877.93500000006
UTM Y:	4513235.5375100002

Affiliation Records:

Site Id:	80
Affiliation Type:	Emergency Contact
Company Name:	CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
Contact Type:	Not reported
Contact Name:	CENTRAL INFORMATION GROUP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 580-6763
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2/16/2012

Site Id:	80
Affiliation Type:	On-Site Operator
Company Name:	ASTOR SUBSTATION
Contact Type:	Not reported
Contact Name:	CON EDISON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

ASTOR SUBSTATION (Continued) **U004076111**

Phone:	(347) 386-6158
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/26/2007

Site Id:	80
Affiliation Type:	Facility Owner
Company Name:	CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
Contact Type:	GENERAL MANAGER
Contact Name:	ROBERT BOYLE
Address1:	4 IRVING PLACE, ROOM 808
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10003
Country Code:	001
Phone:	(212) 460-4586
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/26/2007

Site Id:	80
Affiliation Type:	Mail Contact
Company Name:	DIRECTOR - ENVIRONMENTAL, HEALTH & SAFETY
Contact Type:	Not reported
Contact Name:	PAUL MANNING
Address1:	CONSOLIDATED EDISON CO OF NY
Address2:	4 IRVING PLACE 15TH FLNE
City:	NEW YORK
State:	NY
Zip Code:	10003
Country Code:	001
Phone:	(347) 203-0646
EMail:	MANNINGP@CONED.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/28/2010

Tank Info:

Tank Number:	001
Tank ID:	26869
Tank Status:	Closed - In Place
Capacity Gallons:	4000
Install Date:	03/01/1998
Date Tank Closed:	03/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

ASTOR SUBSTATION (Continued) **U004076111**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: 10
Tank ID: 216104
Tank Status: Closed - Removed
Capacity Gallons: 275
Install Date: 09/15/2006
Date Tank Closed: 09/15/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 14
Tank ID: 216105
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/26/2006
Date Tank Closed: 10/26/2006
Registered: True
Tank Location: Underground

ASTOR SUBSTATION (Continued) **U004076111**

Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 16
Tank ID: 216106
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 08/09/2006
Date Tank Closed: 08/09/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

ASTOR SUBSTATION (Continued) **U004076111**

Tank Number: 17
Tank ID: 216107
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 08/15/2006
Date Tank Closed: 08/15/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 18
Tank ID: 216108
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 08/16/2006
Date Tank Closed: 08/16/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None

ASTOR SUBSTATION (Continued) **U004076111**

D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 19
Tank ID: 216109
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 08/16/2006
Date Tank Closed: 08/16/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 20
Tank ID: 216110
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 08/17/2006
Date Tank Closed: 08/17/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported

ASTOR SUBSTATION (Continued) **U004076111**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 21
Tank ID: 216111
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 08/09/2006
Date Tank Closed: 08/09/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 22
Tank ID: 216112
Tank Status: Closed - Removed
Capacity Gallons: 550

ASTOR SUBSTATION (Continued) **U004076111**

Install Date: 09/19/2006
Date Tank Closed: 09/19/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 23
Tank ID: 216113
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 09/19/2006
Date Tank Closed: 09/19/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None

ASTOR SUBSTATION (Continued) **U004076111**

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 24
Tank ID: 216114
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 09/19/2006
Date Tank Closed: 09/19/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 26
Tank ID: 216115
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 09/19/2006
Date Tank Closed: 09/19/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2642
Common Name of Substance: Used Oil (Heating, On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

ASTOR SUBSTATION (Continued) **U004076111**

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 27
Tank ID: 216116
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 09/19/2006
Date Tank Closed: 09/19/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 28
Tank ID: 216117
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 08/21/2006
Date Tank Closed: 08/21/2006
Registered: True
Tank Location: Underground

ASTOR SUBSTATION (Continued) **U004076111**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 29
Tank ID: 216118
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 08/25/2006
Date Tank Closed: 08/25/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

ASTOR SUBSTATION (Continued) **U004076111**

Tank Number:	30
Tank ID:	216119
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	08/25/2006
Date Tank Closed:	08/25/2006
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KXTANG
Last Modified:	02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number:	31
Tank ID:	216120
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	08/31/2006
Date Tank Closed:	08/31/2006
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KXTANG
Last Modified:	02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None

ASTOR SUBSTATION (Continued) **U004076111**

D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 32
Tank ID: 216121
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/02/2006
Date Tank Closed: 10/02/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 33
Tank ID: 216122
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/02/2006
Date Tank Closed: 10/02/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported

ASTOR SUBSTATION (Continued) **U004076111**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 34
Tank ID: 216123
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/02/2006
Date Tank Closed: 10/02/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 35
Tank ID: 216124
Tank Status: Closed - Removed
Capacity Gallons: 250

ASTOR SUBSTATION (Continued) **U004076111**

Install Date: 10/31/2006
Date Tank Closed: 10/02/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 6
Tank ID: 216102
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 09/13/2006
Date Tank Closed: 09/13/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None

ASTOR SUBSTATION (Continued) **U004076111**

H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 7
Tank ID: 216103
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 09/13/2006
Date Tank Closed: 09/13/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 02/26/2007

Equipment Records:

K00 - Spill Prevention - None
J00 - Dispenser - None
I00 - Overfill - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-010707
Program Type: PBS
UTM X: 584877.93500000006
UTM Y: 4513235.5375100002
Expiration Date: N/A

Affiliation Records:
Site Id: 80
Affiliation Type: Emergency Contact
Company Name: CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
Contact Type: Not reported
Contact Name: CENTRAL INFORMATION GROUP
Address1: Not reported
Address2: Not reported
City: Not reported

ASTOR SUBSTATION (Continued) **U004076111**

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 580-6763
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2/16/2012

Site Id: 80
Affiliation Type: On-Site Operator
Company Name: ASTOR SUBSTATION
Contact Type: Not reported
Contact Name: CON EDISON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 386-6158
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2/26/2007

Site Id: 80
Affiliation Type: Facility Owner
Company Name: CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
Contact Type: GENERAL MANAGER
Contact Name: ROBERT BOYLE
Address1: 4 IRVING PLACE, ROOM 808
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10003
Country Code: 001
Phone: (212) 460-4586
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2/26/2007

Site Id: 80
Affiliation Type: Mail Contact
Company Name: DIRECTOR - ENVIRONMENTAL, HEALTH & SAFETY
Contact Type: Not reported
Contact Name: PAUL MANNING
Address1: CONSOLIDATED EDISON CO OF NY
Address2: 4 IRVING PLACE 15TH FLNE
City: NEW YORK
State: NY
Zip Code: 10003
Country Code: 001
Phone: (347) 203-0646
EMail: MANNINGP@CONED.COM
Fax Number: Not reported

ASTOR SUBSTATION (Continued) **U004076111**

Modified By: NRLOMBAR
Date Last Modified: 12/28/2010

Tank Info:

Tank Number: 2
Tank Id: 216100
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 10/12/2006
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/12/2006
Register: True
Modified By: KXTANG
Last Modified: 02/26/2007

Tank Number: 3
Tank Id: 216101
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None

ASTOR SUBSTATION (Continued) **U004076111**

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/18/2006
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/18/2006
Register:	True
Modified By:	KXTANG
Last Modified:	02/26/2007

L197 **MARTIN MOTOR VOLVO** **RCRA NonGen / NLR** **1000411895**
WSW **700 11TH AVE** **NY HIST UST** **NYD012137097**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.127 mi. **NY Spills**
671 ft. **Site 23 of 33 in cluster L**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MARTIN MOTOR VOLVO
Facility address:	700 11TH AVE NEW YORK, NY 10019
EPA ID:	NYD012137097
Mailing address:	11TH AVE NEW YORK, NY 10019
Contact:	Not reported
Contact address:	11TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MARK ELLIOT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MARK ELLIOT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported

MARTIN MOTOR VOLVO (Continued) **1000411895**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MARTIN MOTOR VOLVO
Classification: Not a generator, verified

Date form received by agency: 07/14/1999
Facility name: MARTIN MOTOR VOLVO
Classification: Small Quantity Generator

Date form received by agency: 10/26/1989
Facility name: MARTIN MOTOR VOLVO
Classification: Large Quantity Generator

Violation Status: No violations found

HIST UST:
PBS Number: 2-010707
SPDES Number: Not reported
Emergency Contact: TONY CHIANESE
Emergency Telephone: (212) 974-1010
Operator: MARTIN SCHLANGER
Operator Telephone: (212) 957-6000
Owner Name: MARTIN SCHLANGER
Owner Address: 1211 GULF OF MEXICO DRIVE
Owner City,St,Zip: LONG BOAT KEY, FA 34228
Owner Telephone: (212) 957-6000
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: MARTIN MOTOR SALES, INC.
Mailing Address: 700 11TH AVENUE
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10019
Mailing Contact: DONNA MEZZASALMA
Mailing Telephone: (212) 974-1010
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: 700 11TH AVE

MARTIN MOTOR VOLVO (Continued) **1000411895**

SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER RETAIL SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	11/12/1997
Expiration Date:	10/23/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19980301
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

NY MANIFEST:

EPA ID:	NYD012137097
Country:	USA
Mailing Name:	MARTINS VOLVO BMW
Mailing Contact:	MARTINS VOLVO BMW
Mailing Address:	700 ELEVENTH AVE
Mailing Address 2:	Not reported

MARTIN MOTOR VOLVO (Continued) **1000411895**

Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-581-6690

Document ID:	NJA1437673
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920428
Trans1 Recv Date:	920428
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920428
Part A Recv Date:	Not reported
Part B Recv Date:	920608
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1452692
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920519
Trans1 Recv Date:	920519
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920519
Part A Recv Date:	Not reported
Part B Recv Date:	920609
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1434268

MARTIN MOTOR VOLVO (Continued) **1000411895**

Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920909
Trans1 Recv Date:	920909
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920909
Part A Recv Date:	Not reported
Part B Recv Date:	920922
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1355643
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921111
Trans1 Recv Date:	921111
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921111
Part A Recv Date:	921201
Part B Recv Date:	921203
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1456865
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920701
Trans1 Recv Date:	920701
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920701
Part A Recv Date:	Not reported
Part B Recv Date:	920717

MARTIN MOTOR VOLVO (Continued) **1000411895**

Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA0707577
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900117
Trans1 Recv Date: 900117
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900117
Part A Recv Date: 900201
Part B Recv Date: 900125
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0706840
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 891207
Trans1 Recv Date: 891207
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891207
Part A Recv Date: 900117
Part B Recv Date: 891213
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

MARTIN MOTOR VOLVO (Continued) **1000411895**

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NJA0706841
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 891207
Trans1 Recv Date: 891207
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891207
Part A Recv Date: 900117
Part B Recv Date: 891213
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NJA1375494
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920930
Trans1 Recv Date: 920930
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920930
Part A Recv Date: 921022
Part B Recv Date: 921008
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1417829
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported

MARTIN MOTOR VOLVO (Continued) **1000411895**

Generator Ship Date:	920731
Trans1 Recv Date:	920731
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920731
Part A Recv Date:	Not reported
Part B Recv Date:	920814
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1641140
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930416
Trans1 Recv Date:	930416
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930416
Part A Recv Date:	930428
Part B Recv Date:	930609
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00017
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Document ID:	NJA2056091
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950103
Trans1 Recv Date:	950103
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950103
Part A Recv Date:	950202
Part B Recv Date:	950118
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported

MARTIN MOTOR VOLVO (Continued) **1000411895**

TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00016
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA0702635
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900426
Trans1 Recv Date:	900426
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900426
Part A Recv Date:	900620
Part B Recv Date:	900608
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0732283
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900202
Trans1 Recv Date:	900202
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900202
Part A Recv Date:	900220
Part B Recv Date:	900222
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	90

MARTIN MOTOR VOLVO (Continued) **1000411895**

Document ID:	NJA0904594
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900606
Trans1 Recv Date:	900606
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900606
Part A Recv Date:	900813
Part B Recv Date:	900725
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0707575
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900112
Trans1 Recv Date:	900112
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900112
Part A Recv Date:	900125
Part B Recv Date:	900125
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0702634
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900426
Trans1 Recv Date:	900426
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900426
Part A Recv Date:	900620

MARTIN MOTOR VOLVO (Continued) **1000411895**

Part B Recv Date:	900608
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0732285
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900202
Trans1 Recv Date:	900202
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900202
Part A Recv Date:	900220
Part B Recv Date:	900222
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NJA0911183
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900627
Trans1 Recv Date:	900627
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900627
Part A Recv Date:	900806
Part B Recv Date:	900705
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001

MARTIN MOTOR VOLVO (Continued) **1000411895**

Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0701407
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900515
Trans1 Recv Date: 900515
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900515
Part A Recv Date: 900810
Part B Recv Date: 900522
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Click this hyperlink while viewing on your computer to access
102 additional NY_MANIFEST: record(s) in the EDR Site Report.

EPA ID: NYR000119412
Country: USA
Mailing Name: USE ID# NYD012137097
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NJA1437673
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920428
Trans1 Recv Date: 920428
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920428
Part A Recv Date: Not reported
Part B Recv Date: 920608
Generator EPA ID: NYD012137097

MARTIN MOTOR VOLVO (Continued) **1000411895**

Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1452692
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920519
Trans1 Recv Date: 920519
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920519
Part A Recv Date: Not reported
Part B Recv Date: 920609
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1434268
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920909
Trans1 Recv Date: 920909
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920909
Part A Recv Date: Not reported
Part B Recv Date: 920922
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.

MARTIN MOTOR VOLVO (Continued) **1000411895**

Specific Gravity: 100
Year: 92

Document ID: NJA1355643
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 921111
Trans1 Recv Date: 921111
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921111
Part A Recv Date: 921201
Part B Recv Date: 921203
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00086
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1456865
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920701
Trans1 Recv Date: 920701
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920701
Part A Recv Date: Not reported
Part B Recv Date: 920717
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA0707577
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900117

MARTIN MOTOR VOLVO (Continued) **1000411895**

Trans1 Recv Date:	900117
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900117
Part A Recv Date:	900201
Part B Recv Date:	900125
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0706840
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	891207
Trans1 Recv Date:	891207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891207
Part A Recv Date:	900117
Part B Recv Date:	891213
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA0706841
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	891207
Trans1 Recv Date:	891207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891207
Part A Recv Date:	900117
Part B Recv Date:	891213
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093

MARTIN MOTOR VOLVO (Continued) **1000411895**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA1375494
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920930
Trans1 Recv Date:	920930
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920930
Part A Recv Date:	921022
Part B Recv Date:	921008
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1417829
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920731
Trans1 Recv Date:	920731
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920731
Part A Recv Date:	Not reported
Part B Recv Date:	920814
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

MARTIN MOTOR VOLVO (Continued) **1000411895**

Document ID:	NJA1641140
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930416
Trans1 Recv Date:	930416
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930416
Part A Recv Date:	930428
Part B Recv Date:	930609
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00017
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Document ID:	NJA2056091
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950103
Trans1 Recv Date:	950103
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950103
Part A Recv Date:	950202
Part B Recv Date:	950118
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00016
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA0702635
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900426
Trans1 Recv Date:	900426
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900426
Part A Recv Date:	900620

MARTIN MOTOR VOLVO (Continued) **1000411895**

Part B Recv Date: 900608
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0732283
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 900202
Trans1 Recv Date: 900202
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900202
Part A Recv Date: 900220
Part B Recv Date: 900222
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 90

Document ID: NJA0904594
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 900606
Trans1 Recv Date: 900606
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900606
Part A Recv Date: 900813
Part B Recv Date: 900725
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001

MARTIN MOTOR VOLVO (Continued) **1000411895**

Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0707575
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900112
Trans1 Recv Date: 900112
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900112
Part A Recv Date: 900125
Part B Recv Date: 900125
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0702634
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 900426
Trans1 Recv Date: 900426
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900426
Part A Recv Date: 900620
Part B Recv Date: 900608
Generator EPA ID: NYD012137097
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0732285
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869

MARTIN MOTOR VOLVO (Continued) **1000411895**

Trans2 State ID:	Not reported
Generator Ship Date:	900202
Trans1 Recv Date:	900202
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900202
Part A Recv Date:	900220
Part B Recv Date:	900222
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NJA0911183
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900627
Trans1 Recv Date:	900627
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900627
Part A Recv Date:	900806
Part B Recv Date:	900705
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0701407
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900515
Trans1 Recv Date:	900515
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900515
Part A Recv Date:	900810
Part B Recv Date:	900522
Generator EPA ID:	NYD012137097
Trans1 EPA ID:	ILD051060408

MARTIN MOTOR VOLVO (Continued) **1000411895**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Click this hyperlink while viewing on your computer to access
102 additional NY_MANIFEST: record(s) in the EDR Site Report.

SPILLS:

Facility ID:	1205546
DER Facility ID:	422788
Facility Type:	ER
Site ID:	468503
DEC Region:	2
Spill Date:	9/3/2012
Spill Number/Closed Date:	1205546 / 3/26/2013
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	9/3/2012
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/3/2012
Spill Record Last Update:	3/26/2013
Spiller Name:	ERT
Spiller Company:	CON EDISON
Spiller Address:	700 11TH AVENUE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	999
Contact Name:	CHRISTOPHER HAYNES
Contact Phone:	(212) 580-6763
DEC Memo:	8/9/12-Vought-Primary off hours responder. This spill assigned to DEC Feroze as part of routine Con Edison minor spill porfolio review and possible closure. Initial EMIS #230918 added to Cross Reference Field, deleted from Proxy and downloaded into E-docs. As per EMIS, "W. Varela of Substation Operations reported that he found 4 gallons of transformer oil on the concrete pad that has leaked from the transformer. He does not know where the leak is atthis time or if it is still leaking. He will start the cleanup.."3/26/13 - Austin - 4 gal. doscivery lead to finding of 700 gals. in vault, from bad

MARTIN MOTOR VOLVO (Continued) **1000411895**

bushing gasket on transformer body - Con Ed contained and cleaned up the spill, and repaired the gasket - See eDocs for further information - Sandy storm related - Spill closed - end

Remarks: Spill was to a concrete pad, no resources effected. Clean-up is in progress.

Material:

Site ID:	468503
Operable Unit ID:	1218424
Operable Unit:	01
Material ID:	2216802
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

P198 **CON EDISON** **NY MANIFEST** **S112210900**
ESE **447 W 53RD ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.127 mi.
671 ft. **Site 5 of 16 in cluster P**

Relative:
Higher

Actual:
45 ft.

NY MANIFEST:

EPA ID:	NYP004271029
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271029
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CON EDISON (Continued) **S112210900**

TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457239JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271029
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457239JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

O199
North
1/8-1/4
0.129 mi.
682 ft.

798 11TH AVE
NEW YORK, NY 10019

Site 12 of 21 in cluster O

EDR US Hist Auto Stat **1015635879**
N/A

Relative:
Higher

Actual:
25 ft.

EDR Historical Auto Stations:

Name:	POTAMKIN AUTO BODY CENTER
Year:	1999
Address:	798 11TH AVE
Name:	POTAMKIN AUTO BODY CENTER
Year:	2000
Address:	798 11TH AVE
Name:	ELEVENTH AVE AUTOMOTIVE LLC
Year:	2005
Address:	798 11TH AVE
Name:	POTAMKIN AUTO BODY CTR
Year:	2010
Address:	798 11TH AVE
Name:	POTAMKIN AUTO BODY CENTER
Year:	2011
Address:	798 11TH AVE

O200
North
1/8-1/4
0.129 mi.
682 ft.

POTAMKIN CADILLAC
798 11TH AVE
NEW YORK, NY 10019

Site 13 of 21 in cluster O

RCRA NonGen / NLR **1000382743**
FINDS **NYD981482334**
NY MANIFEST
US AIRS

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	POTAMKIN CADILLAC
Facility address:	798 11TH AVE NEW YORK, NY 10019
EPA ID:	NYD981482334
Mailing address:	11TH AVE NEW YORK, NY 10019
Contact:	JOHN JOHNSON
Contact address:	11TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	(212) 708-3180
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	TED BESSEN
Owner/operator address:	798 11TH AVE NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	(212) 603-7131
Legal status:	Private

POTAMKIN CADILLAC (Continued) **1000382743**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TED BESSEN
Owner/operator address: 798 11TH AVE
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 603-7131
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: POTAMKIN CADILLAC
Classification: Not a generator, verified

Date form received by agency: 09/24/1997
Facility name: POTAMKIN CADILLAC
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/13/1990
Date achieved compliance: 08/13/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

POTAMKIN CADILLAC (Continued) **1000382743**

Evaluation Action Summary:
Evaluation date: 08/13/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 08/13/1990
Evaluation lead agency: State

FINDS:

Registry ID: 110001595783

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NY MANIFEST:
EPA ID: NYD981482334
Country: USA
Mailing Name: PENSKE CADILLAC
Mailing Contact: PENSKE CADILLAC
Mailing Address: WEST 55TH & 11TH AVENUE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10021

POTAMKIN CADILLAC (Continued) **1000382743**

Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-399-4400

Document ID: NYB7323975
Manifest Status: Completed copy
Trans1 State ID: 1A480
Trans2 State ID: Not reported
Generator Ship Date: 971002
Trans1 Recv Date: 971002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 971008
Part A Recv Date: Not reported
Part B Recv Date: 971024
Generator EPA ID: NYD981482334
Trans1 EPA ID: NYR000038000
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA0701231
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 900312
Trans1 Recv Date: 900312
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900312
Part A Recv Date: 900403
Part B Recv Date: 900405
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00450
Units: P - Pounds
Number of Containers: 010
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

POTAMKIN CADILLAC (Continued) **1000382743**

Year: 90

Document ID: NJA0728366
Manifest Status: Completed copy
Trans1 State ID: NJDEPS886
Trans2 State ID: Not reported
Generator Ship Date: 891031
Trans1 Recv Date: 891031
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891031
Part A Recv Date: 891114
Part B Recv Date: 891110
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00450
Units: P - Pounds
Number of Containers: 010
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00090
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NJA0727324
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 891010
Trans1 Recv Date: 891010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891010
Part A Recv Date: 891016
Part B Recv Date: 891018
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00450
Units: P - Pounds
Number of Containers: 010
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00090

POTAMKIN CADILLAC (Continued) **1000382743**

Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NJA0715872
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 891121
Trans1 Recv Date: 891121
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891121
Part A Recv Date: 891211
Part B Recv Date: 891129
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00450
Units: P - Pounds
Number of Containers: 010
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00090
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NJA0724536
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 891211
Trans1 Recv Date: 891211
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891211
Part A Recv Date: 900110
Part B Recv Date: 891218
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00450
Units: P - Pounds
Number of Containers: 010

POTAMKIN CADILLAC (Continued) **1000382743**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA0727477
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891228
Trans1 Recv Date:	891228
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891228
Part A Recv Date:	900110
Part B Recv Date:	900103
Generator EPA ID:	NYD981482334
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00450
Units:	P - Pounds
Number of Containers:	010
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA9626969
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	890809
Trans1 Recv Date:	890809
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890809
Part A Recv Date:	890921
Part B Recv Date:	890817
Generator EPA ID:	NYD981482334
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported

POTAMKIN CADILLAC (Continued) **1000382743**

TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00405
Units:	P - Pounds
Number of Containers:	009
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00092
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA0197797
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS-86
Trans2 State ID:	Not reported
Generator Ship Date:	860509
Trans1 Recv Date:	860509
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860509
Part A Recv Date:	860708
Part B Recv Date:	860611
Generator EPA ID:	NYD981482334
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00805
Units:	P - Pounds
Number of Containers:	014
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0160472
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS-86
Trans2 State ID:	Not reported
Generator Ship Date:	860509
Trans1 Recv Date:	860509
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860509
Part A Recv Date:	860708
Part B Recv Date:	860611
Generator EPA ID:	NYD981482334
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

POTAMKIN CADILLAC (Continued) **1000382743**

Quantity:	00240
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0215097
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	860703
Trans1 Recv Date:	860703
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860703
Part A Recv Date:	860716
Part B Recv Date:	860724
Generator EPA ID:	NYD981482334
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00805
Units:	P - Pounds
Number of Containers:	014
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0815768
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900220
Trans1 Recv Date:	900220
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900220
Part A Recv Date:	900326
Part B Recv Date:	900307
Generator EPA ID:	NYD981482334
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00450
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00045
Units:	P - Pounds

POTAMKIN CADILLAC (Continued) **1000382743**

Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0711199
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900201
Trans1 Recv Date: 900201
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900201
Part A Recv Date: 900222
Part B Recv Date: 900207
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00450
Units: P - Pounds
Number of Containers: 010
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0801119
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 900509
Trans1 Recv Date: 900509
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900509
Part A Recv Date: 900705
Part B Recv Date: 900628
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00450
Units: P - Pounds
Number of Containers: 010
Container Type: DM - Metal drums, barrels

POTAMKIN CADILLAC (Continued) **1000382743**

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0217672
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 860730
Trans1 Recv Date: 860730
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860730
Part A Recv Date: 860808
Part B Recv Date: 860814
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00805
Units: P - Pounds
Number of Containers: 014
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NJA0148429
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 860703
Trans1 Recv Date: 860703
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860703
Part A Recv Date: 860716
Part B Recv Date: 860716
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00315
Units: P - Pounds
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

POTAMKIN CADILLAC (Continued) **1000382743**

Year: 86

Document ID: NJA0217673
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 860722
Trans1 Recv Date: 860722
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860722
Part A Recv Date: 860731
Part B Recv Date: 860805
Generator EPA ID: NYD981482334
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00230
Units: P - Pounds
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: MNA5022942
Manifest Status: Completed copy
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 860926
Trans1 Recv Date: 860926
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860926
Part A Recv Date: 861006
Part B Recv Date: 861007
Generator EPA ID: NYD981482334
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00805
Units: P - Pounds
Number of Containers: 014
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00090
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

POTAMKIN CADILLAC (Continued) **1000382743**

Document ID:	NJA0228237
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS-86
Trans2 State ID:	Not reported
Generator Ship Date:	860826
Trans1 Recv Date:	860826
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860826
Part A Recv Date:	860905
Part B Recv Date:	860903
Generator EPA ID:	NYD981482334
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00805
Units:	P - Pounds
Number of Containers:	014
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0245302
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	861119
Trans1 Recv Date:	861119
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	861119
Part A Recv Date:	861202
Part B Recv Date:	861201
Generator EPA ID:	NYD981482334
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00625
Units:	P - Pounds
Number of Containers:	010
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels

POTAMKIN CADILLAC (Continued) **1000382743**

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Click this hyperlink while viewing on your computer to access
56 additional NY_MANIFEST: record(s) in the EDR Site Report.

AIRS (AFS):

Airs Minor Details:
EPA plant ID: 110001595783
Plant name: BMW OF MANHATTAN
Plant address: 798 11TH AVE
NEW YORK, NY 10019
County: NEW YORK
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043
Sic code: 5521
Sic code desc: Not reported
North Am. industrial classf: 441229
NAIC code description: All Other Motor Vehicle Dealers
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:
Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 4

POTAMKIN CADILLAC (Continued) **1000382743**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

POTAMKIN CADILLAC (Continued) **1000382743**

Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 4

Compliance & Violation Data by Minor Sources:
Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: CFC TRACKING
Plant air program pollutant: CHLOROFLUOROCARBONS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ALL OTHER NON-ATTAINMENT FOR PRIMARY AND SECONDARY STANDARDS
Repeat violator date: Not reported
Turnover compliance: Not reported

O201 **VOLKSWAGEN AND AUDI OF MANHATTAN** **NY UST** **U004159765**
North **798 11TH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.129 mi.
682 ft. **Site 14 of 21 in cluster O**

Relative:
Higher

Actual:
25 ft.

UST:
Id/Status: 2-405450 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2014/11/12
UTM X: 585087.68645000004
UTM Y: 4513626.5166100003

Affiliation Records:
Site Id: 19547
Affiliation Type: On-Site Operator
Company Name: VOLKSWAGEN AND AUDI OF MANHATTAN
Contact Type: Not reported
Contact Name: STEVE GROSSMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **U004159765**

Country Code:	001
Phone:	(212) 515-8226
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Site Id:	19547
Affiliation Type:	Emergency Contact
Company Name:	VOLKSWAGEN CREDIT INC
Contact Type:	Not reported
Contact Name:	SANDY BOOMS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(248) 342-5583
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Site Id:	19547
Affiliation Type:	Facility Owner
Company Name:	VOLKSWAGEN CREDIT INC
Contact Type:	COMMERCIAL REAL ESTATE LENDING MGR
Contact Name:	MARK DAVIS
Address1:	2200 FERDINAND PORSCHE DRIVE
Address2:	Not reported
City:	HERNDON
State:	VA
Zip Code:	20171
Country Code:	001
Phone:	(703) 364-7772
EMail:	MARK.DAVIS@VWCREDIT.COM
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Site Id:	19547
Affiliation Type:	Mail Contact
Company Name:	VOLKSWAGEN AND AUDI OF MANHATTAN
Contact Type:	Not reported
Contact Name:	ATTN: STEVE GROSSMAN
Address1:	798 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019-3551
Country Code:	001
Phone:	(703) 364-7772
EMail:	MARK.DAVIS@VWCREDIT.COM
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	12/8/2010

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **U004159765**

Tank Info:

Tank Number:	001
Tank ID:	38038
Tank Status:	Administratively Closed
Capacity Gallons:	10000
Install Date:	Not reported
Date Tank Closed:	02/01/1995
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number:	01
Tank ID:	23087
Tank Status:	Closed - In Place
Capacity Gallons:	10000
Install Date:	08/01/1964
Date Tank Closed:	08/10/2010
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	08/23/2006
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Equipment Records:

L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **U004159765**

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle

Affiliation Records:

Site Id:	21092
Affiliation Type:	Facility Owner
Company Name:	POTAMKIN MANHATTAN CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	787 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 603-7200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21092
Affiliation Type:	Mail Contact
Company Name:	POTAMKIN MANHATTAN CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	787 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 603-7200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21092
Affiliation Type:	On-Site Operator
Company Name:	PENSKE AUTO CENTER OF NY INC
Contact Type:	Not reported
Contact Name:	PENSKE AUTO CENTER OF NY INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 399-4400
EMail:	Not reported

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **U004159765**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21092
Affiliation Type:	Emergency Contact
Company Name:	POTAMKIN MANHATTAN CORP
Contact Type:	Not reported
Contact Name:	GERALD NASH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 399-4400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	38038
Tank Status:	Administratively Closed
Capacity Gallons:	10000
Install Date:	Not reported
Date Tank Closed:	02/01/1995
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number:	01
Tank ID:	23087
Tank Status:	Closed - In Place

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **U004159765**

Capacity Gallons:	10000
Install Date:	08/01/1964
Date Tank Closed:	08/10/2010
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	08/23/2006
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Equipment Records:

L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle

O202 **VOLKSWAGEN AND AUDI OF MANHATTAN** **NY AST** **A100354049**
North **798 11TH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.129 mi.
682 ft. **Site 15 of 21 in cluster O**

Relative:
Higher

Actual:
25 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-405450
Program Type:	PBS
UTM X:	585087.68645000004
UTM Y:	4513626.5166100003
Expiration Date:	2014/11/12

Affiliation Records:

Site Id:	19547
Affiliation Type:	On-Site Operator
Company Name:	VOLKSWAGEN AND AUDI OF MANHATTAN
Contact Type:	Not reported
Contact Name:	STEVE GROSSMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Phone:	(212) 515-8226
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Site Id:	19547
Affiliation Type:	Emergency Contact
Company Name:	VOLKSWAGEN CREDIT INC
Contact Type:	Not reported
Contact Name:	SANDY BOOMS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(248) 342-5583
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Site Id:	19547
Affiliation Type:	Facility Owner
Company Name:	VOLKSWAGEN CREDIT INC
Contact Type:	COMMERCIAL REAL ESTATE LENDING MGR
Contact Name:	MARK DAVIS
Address1:	2200 FERDINAND PORSCHE DRIVE
Address2:	Not reported
City:	HERNDON
State:	VA
Zip Code:	20171
Country Code:	001
Phone:	(703) 364-7772
EMail:	MARK.DAVIS@VWCREDIT.COM
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Site Id:	19547
Affiliation Type:	Mail Contact
Company Name:	VOLKSWAGEN AND AUDI OF MANHATTAN
Contact Type:	Not reported
Contact Name:	ATTN: STEVE GROSSMAN
Address1:	798 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019-3551
Country Code:	001
Phone:	(703) 364-7772
EMail:	MARK.DAVIS@VWCREDIT.COM
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	12/8/2010

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Tank Info:

Tank Number:	002
Tank Id:	23088
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/10/2001
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Tank Number:	002
Tank Id:	38039
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	003
Tank Id:	38040
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

H04 - Tank Leak Detection - Groundwater Well
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1080
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	02
Tank Id:	45101
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Tank Location: 3
Tank Type: Steel Tank in Concrete
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/01/1964
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 03
Tank Id: 61325
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location: 3
Tank Type: Steel Tank in Concrete
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/2001
Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 04
Tank Id: 61326
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:

L00 - Piping Leak Detection - None

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Tank Number:	05
Tank Id:	61327
Material Code:	0015
Common Name of Substance:	Motor Oil

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Tank Number: 06
Tank Id: 61328
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 07
Tank Id: 61329
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1996

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 08
Tank Id: 61330
Material Code: 0021
Common Name of Substance: Transmission Fluid

Equipment Records:
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 09
Tank Id: 213816
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2003
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Tank Number:	10
Tank Id:	213817
Material Code:	0015
Common Name of Substance:	Motor Oil

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2003
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Tank Number:	11
Tank Id:	213818
Material Code:	0015
Common Name of Substance:	Motor Oil

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2003
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Affiliation Records:

Site Id:	21092
Affiliation Type:	Facility Owner
Company Name:	POTAMKIN MANHATTAN CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	787 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 603-7200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21092
Affiliation Type:	Mail Contact
Company Name:	POTAMKIN MANHATTAN CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	787 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Phone:	(212) 603-7200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21092
Affiliation Type:	On-Site Operator
Company Name:	PENSKE AUTO CENTER OF NY INC
Contact Type:	Not reported
Contact Name:	PENSKE AUTO CENTER OF NY INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 399-4400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21092
Affiliation Type:	Emergency Contact
Company Name:	POTAMKIN MANHATTAN CORP
Contact Type:	Not reported
Contact Name:	GERALD NASH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 399-4400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	002
Tank Id:	23088
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/10/2001
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Tank Number:	002
Tank Id:	38039
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	003
Tank Id:	38040
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

H04 - Tank Leak Detection - Groundwater Well
B00 - Tank External Protection - None

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1080
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	02
Tank Id:	45101
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser

Tank Location:	3
Tank Type:	Steel Tank in Concrete
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1964
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Tank Number:	03
Tank Id:	61325

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location: 3
Tank Type: Steel Tank in Concrete
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/2001
Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 04
Tank Id: 61326
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 275

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 05
Tank Id: 61327
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 06
Tank Id: 61328
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Tank Number:	07
Tank Id:	61329
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Tank Number:	08
Tank Id:	61330
Material Code:	0021
Common Name of Substance:	Transmission Fluid

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Equipment Records:
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

Tank Number:	09
Tank Id:	213816
Material Code:	0015
Common Name of Substance:	Motor Oil

Equipment Records:
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2003
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 10
Tank Id: 213817
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
I02 - Overfill - High Level Alarm

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/2003
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 11/01/2010

Tank Number: 11
Tank Id: 213818
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
I02 - Overfill - High Level Alarm

VOLKSWAGEN AND AUDI OF MANHATTAN (Continued) **A100354049**

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2003
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/01/2010

O203 **EDR US Hist Auto Stat** **1015583096**
NNW **629 W 54TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.130 mi.
685 ft. **Site 16 of 21 in cluster O**

Relative:
Lower

Actual:
20 ft.

EDR Historical Auto Stations:

Name:	ZUMBACH MOTORS INC
Year:	2008
Address:	629 W 54TH ST
Name:	ZUMBACH MOTORS INC
Year:	2010
Address:	629 W 54TH ST

L204 **CON EDISON** **RCRA-CESQG** **1012184964**
WSW **50TH ST & 11TH AVE** **NYP004157319**
1/8-1/4 **NEW YORK, NY 10019**
0.130 mi.
686 ft. **Site 24 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

RCRA-CESQG:

Date form received by agency:	03/17/2008
Facility name:	CON EDISON
Facility address:	50TH ST & 11TH AVE NEW YORK, NY 10019
EPA ID:	NYP004157319
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	TIMOTHY REGAN
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(718) 204-4221
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or

CON EDISON (Continued) **1012184964**

other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

L205 **ASTOR SUBSTATION PROJECT SITE** **NY BROWNFIELDS** **S106906504**
WSW **700 11TH AVE, 549-551 & 553-557 W 49TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.130 mi.
686 ft. **Site 25 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

BROWNFIELDS:

Program:	BCP
Site Code:	337122
Site Description:	The Astor substation site was formerly called the Riverside Substation site. Con Edison, the project applicant, changed the project name to Astor Substation site in response to discussion with various community members in October 2005. The Astor substation site (~ 0.6 acres in size) is located along the eastern side of 11th Avenue between west 49th and West 50th Street in the Clinton section of the borough of Manhattan, city of New York, at latitude 40 degree 45' 57.2" and longitude 73 degree 59' 40.9", and designated as tax parcels Block 1078, Lots 1 and 5 on the Tax Map of the City of New York, New York County. The street address for the parcel is 700 11th Avenue (which also known as 549-551 and 553-557 West 49th Street), New York, NY 10019. During 1930 to 1940, the site had been used for gasoline filling station and automobile service garage. Prior to its acquisition by Con Edison on April 12, 2005, the site was owned and operated by Martin Motors Sales, Inc. (MMS) as a retail automobile sales and service facility. The area around the site is fully developed as commercial, residential and institutional uses to the east, north and south; with another Con Edison electrical substation located west of the site across 11th Avenue. The building on the site had been demolished in connection with Con Edisons

ASTOR SUBSTATION PROJECT SITE (Continued) **S106906504**

redevelopment of the Site into an electrical substation that is needed to meet the increasing demand for power in midtown Manhattan. The site is currently being redevelop and the electrical substation construction is anticipated to be completed sometime in 2008. Investigations completed at the site include a Limited Phase II Environmental Site Assessment (January, 2005) and Remedial Investigation Report (November 2005). The volunteer has submitted and the Department has approved a Remedial Action Work Plan(RAWP) which involves excavation of soil at the entire site and the northern portion of 11th avenue sidewalk area along the western site property line down to top of bedrock surface. Contaminated media will be removal and properly disposed off-site.Implementation of the approved RAWP started on 4/25/06. Remedial construction was completed on February 2007. Remedial Action Report(RAR) date March 2007 and RAR addendums dated April 2007 and November 2007 respectively, collectively equivalent to a Final Engineering Report. FER was approved on 12/21/2007 and a Certificate of Completion was issued on 12/21/2007.

Env Problem: Site investigations conducted prior and after implementation of the BCP agreement revealed that the presence of underground storage Tanks (USTs) that were associated with the former gas station or automobile repair facility; petroleum contamination in the northwest corner of the site (both on-site and off-site) in soil and groundwater, including petroleum product on the groundwater surface(up to 5 feet of separate-phase product has been detected in an off-site well in the vicinity of the former gasoline filling station located in the north west portion of the site); soil and groundwater near the location of a former oil/water separator in the garage area which is located south east of the site had been impacted by the former site uses (automobile service garage); Soil Gas sampling indicates the presence of VOCs, including both gasoline related compounds and chlorinated solvents (PCE, and TCE) that are consistent with findings in soil, groundwater, and pass site use, The remedial investigation report also identify a NYSDEC spill site (spill # 8904939 petroleum origin) is located at the southeast corner of west 51st street and 11th avenue about one block north of Astor substation site, these off-site properties may be contributing to the soil vapor detections; Low level of PAHs and Metals were detected from on site soil; Sediment samples from the floor drain in the service garage indicated the presence of PCE, TCE and gasoline related compounds with concentration above the TAGM4046 recommended soil clean up objective.The applicant had implemented the approved Interim Remedial Measures (IRM) to recover petroleum product identify in the on and off site wells since September of 2005. The thickness of the petroleum product in groundwater monitoring wells show significant drop as the result of the IRM activities.The quality exposure assessment indicated the lack of exposure pathways at the site because of the current ground surface is covered with impervious surface. DEC has determined, in consultation with NYSDOH, that the conditions at this site do not pose a significant threat to human health or the environment. The RAWP dated December 2005 was approved March 31, 2006 has been implemented. The FER has been approved and the COC issued in December 2007.

Health Problem: Public water is provided to the area, thereby preventing exposures to groundwater. The site is currently covered with buildings and pavement, preventing direct contact exposures.

L206 **CONSOLIDATED EDISON** **NY MANIFEST** **S109064775**
WSW **50TH ST & 11TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10002**
0.130 mi.
686 ft. **Site 26 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:

EPA ID:	NYP004234126
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-678-8126

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-01
Trans1 Recv Date:	2008-05-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004158267
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001450040FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported

CONSOLIDATED EDISON (Continued) **S109064775**

Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-01
Trans1 Recv Date:	2008-05-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004158267
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001450040FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-01
Trans1 Recv Date:	2008-05-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004158267
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001450040FLE

CONSOLIDATED EDISON (Continued) **S109064775**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2011-04-22
Trans1 Recv Date:	2011-04-22
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-04-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004234126
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	Not reported
Quantity:	100.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	003206976FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

EPA ID:	NYP004158267
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address:	4 IRVING PL RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YO
Mailing State:	NY
Mailing Zip:	10003

CONSOLIDATED EDISON (Continued) **S109064775**

Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-01
Trans1 Recv Date:	2008-05-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004158267
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001450040FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-01
Trans1 Recv Date:	2008-05-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004158267
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0

CONSOLIDATED EDISON (Continued) **S109064775**

Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001450040FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-01
Trans1 Recv Date:	2008-05-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004158267
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001450040FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported

CONSOLIDATED EDISON (Continued) **S109064775**

Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2011-04-22
Trans1 Recv Date:	2011-04-22
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-04-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004234126
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	Not reported
Quantity:	100.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	003206976FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

L207 **CON EDISON** **RCRA-CESQG** **1012185024**
WSW **50TH ST & 11 AVE** **NYP004158267**
1/8-1/4 **NEW YORK, NY 10019**
0.130 mi.
686 ft. **Site 27 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

RCRA-CESQG:

Date form received by agency:	05/01/2008
Facility name:	CON EDISON
Facility address:	50TH ST & 11 AVE NEW YORK, NY 10019
EPA ID:	NYP004158267
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	THOMAS COLUMBIA
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(718) 204-4236
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

CON EDISON (Continued) **1012185024**

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

L208 **CONSOLIDATED EDISON** **NY MANIFEST** **1009237703**
WSW **11TH AVE & 50TH ST** **N/A**
1/8-1/4 **NEW YORK, NY**
0.130 mi.
686 ft. **Site 28 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:

EPA ID:	NYP004030797
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2/3/2007

CONSOLIDATED EDISON (Continued) **1009237703**

Trans1 Recv Date:	2/3/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/5/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004147963
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000331199FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	NYE0293760
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	03/02/1999
Trans1 Recv Date:	03/02/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/03/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004030797
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	80680AE
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00154
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	99

Document ID:	Not reported
Manifest Status:	Not reported

CONSOLIDATED EDISON (Continued) **1009237703**

Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2007-02-03
Trans1 Recv Date:	2007-02-03
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-02-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004147963
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000331199FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

EPA ID:	NYP004147963
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2/3/2007
Trans1 Recv Date:	2/3/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/5/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported

CONSOLIDATED EDISON (Continued) **1009237703**

Generator EPA ID: NYP004147963
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 50
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2007
Manifest Tracking Num: 000331199FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: NYE0293760
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 03/02/1999
Trans1 Recv Date: 03/02/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/03/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004030797
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: 80680AE
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00154
Units: K - Kilograms (2.2 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 99

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2007-02-03
Trans1 Recv Date: 2007-02-03
Trans2 Recv Date: Not reported

CONSOLIDATED EDISON (Continued) **1009237703**

TSD Site Recv Date:	2007-02-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004147963
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000331199FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

L209 **CON EDISON** **RCRA NonGen / NLR** **1010327644**
WSW **50TH ST & 11TH AVE** **NYP004147963**
1/8-1/4 **NEW YORK, NY 10019**
0.130 mi.
686 ft. **Site 29 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/11/2007
Facility name:	CON EDISON
Facility address:	50TH ST & 11TH AVE NEW YORK, NY 10019
EPA ID:	NYP004147963
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	TIMOTHY REGAN
Contact address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(718) 204-4221
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

CON EDISON (Continued) **1010327644**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	04/10/2007
Facility name:	CON EDISON
Classification:	Not a generator, verified

Date form received by agency:	04/09/2007
Facility name:	CON EDISON
Classification:	Unverified

Violation Status: No violations found

L210 **ASTOR SUBSTATION BCP SITE** **NY LTANKS** **S108058473**
WSW **700 11TH AVE** **NY Spills** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.130 mi.
686 ft. **Site 30 of 33 in cluster L**

Relative:
Higher

Actual:
24 ft.

LTANKS:

Site ID:	369108
Spill Number/Closed Date:	0605854 / 12/21/2006
Spill Date:	8/21/2006
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	8/21/2006
CID:	444
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/21/2006
Spill Record Last Update:	12/21/2006
Spiller Name:	ERTS
Spiller Company:	EXCAVATION
Spiller Address:	700 11TH AVE
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	ERTS

ASTOR SUBSTATION BCP SITE (Continued) **S108058473**

Spiller Phone:	(212) 580-8383
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	216711
DEC Memo:	12/21/06 - See e-docs for Con Ed report detailing cleanup and closure.Spill assigned to Yuk Yin Wong, DER project manager for Astor Substation BCP, for follow up. (JHO)
Remarks:	coming from an old tank that was leaking: 1 pint of motor oil: coned # 202049

Material:

Site ID:	369108
Operable Unit ID:	1126956
Operable Unit:	01
Material ID:	2116524
Material Code:	0015
Material Name:	Motor Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	265946
Spill Number/Closed Date:	0103148 / Not Reported
Spill Date:	6/21/2001
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	AAOBLIGA
Referred To:	STIP SIGNED 12/5/08. IWP DUE 12/26/08.
Reported to Dept:	6/21/2001
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	1
Date Entered In Computer:	6/21/2001
Spill Record Last Update:	11/28/2011
Spiller Name:	CALLER
Spiller Company:	MARTIN MOTORS
Spiller Address:	700 11TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	CALLER

ASTOR SUBSTATION BCP SITE (Continued) **S108058473**

Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 216711
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"7/1/02 TJDReceived work plan from Emteque (John Raguso). Expedited review at consultant's request. Unable to approve plan as report missing key information and site not complete deliniated. Consultant directed to provide a modified plan which includes installation of wells and contains missing report data. Missing data includes: boring logs, MTBE analysis, plume boundaries, scaled map which includes all tanks and relevant site features, groundwater flow direction etc..7/1/03 TJDStu Bassel (LMS 845 735 8300) contacted DeMeo to inform DEC that LMS had taken over project. A work plan will be submitted to remove tanks, excavate accessible soils, use bio-remediation to treat groundwater contamination and soil vapor extraction to remediate the soil contamination. LMS was also directed to provide any recent sampling data & all relevant information regarding the proposed bio-remediation application. In addition LMS was informed hydraulic control would be required if bio remediation is approved for the site.8/29/03 TJDReassigned to Vought9/18/03: Martin Motors submits Supplemental Conceptual Remedial Plan prepared by LMS. In cover letter, Martin Motors reports that approximatley 5 feet of product was found in well MW-2 on or around July 28. Manual bailing program initiated - approx. 20 gallons product recovered through 8/21/03. Product thickness in well dropped to approx 2 feet as of 8/21. (JHO, 1/13/05)1/6/05-Vought-Vought spoke David Rubin (Con Ed 718-204-4219) who is looking to install a substation at this site. Con Ed looking to resolve open spill issue and have BCP pre-application meeting. Con Ed will notify current owner of meeting.1/10/05Spill reassigned to O'Connell. Con Ed will be attending pre-app meting with DEC on 1/21/05. Con Ed apparently conducted preliminary off-site investigation, but no report was submitted to the Department. Will request copy at pre-app meeting. (JHO)5/10/07: On-site cleanup was completed by Con Edison under a Brownfield Cleanup Agreement (site no. C231047, Astor Substation). There is still off-site gasoline contamiantion that remains beneath the sidewalk and street on 11th Avenue. This spill number is being transferred to the Petroleum Remediation group for follow up with the responsible party.
(JHO)

----------8/28/08: Reassigned from Vadim Brevdo to Kartik Chanda. (Chanda)9/3/08: Chanda updated this spill site and discussed with Mark Tibbe and Bryan (NYSDEC) regarding the off-site contamination originated from this site. It is concluded that a Stipulation Agreement (STIP) with a Corrective Action Plan (CAP) will be sent to RP (previous owner of this site).9/8/08: Chanda sent a STIP and CAP to RP (Anthony Chianese, vice president of Martin Motors) via certified mail. (see eDocs)9/19/08: The letter was undeliverable. Chanda made a phone call to David B. Rubin, Con Edison to get the previous property owner's name and address. Mr. David B. Rubin (Con Edison) sent the following contact information:The RP name is: Martin Schlanger Martin Motor Sales, Inc. 677 11th Avenue New York, NY 10019The RP's Attorney is: Mr. Joseph P. Baratta Baratta & Goldstein 597 Fifth Avenue New York, NY 10017 Ph. (212) 750-97009/22/08: Chanda discuss with Mark Tibbe(NYSDEC)and resent a

ASTOR SUBSTATION BCP SITE (Continued) **S108058473**

STIP and CAP to RP (Martin Schlanger, Martin Motors) via certified mail and a copy to RP's Attorney via regular mail.10/09/08: The letter comes back to DEC. Chanda discussed with Mark Tibbe and John Urda regarding this site. John Urda search NYS Department of State database and find out the following information:* Chairman or Chief Executive Officer:Janet Schlanger1281 Gulf of Mexico DR/#802Long Boat Key, Florida, 34228* Principal Executive OfficeMartin Motors Sales Inc.677 11th AvenueNew York, New York 1001910/14/08: Chanda performed a site visit at 700 11th Avenue (Astor Substation) and across the street at 677 11th Avenue (Martin's Manhattan). The Martin Motor Business is still at 677 11th Avenue. Chanda has taken several photographs regarding the current location of Martin Motors.10/16/08: Chanda discussed with Mark Tibbe and John Urda (NYSDEC) and sent another letter to Ms. Janet Schlanger (Florida)via certified mail and Martin Motors via DEC's Conservation Officer.10/24/08: Chanda received a phone call from Andrew E. Skroback. he is the environmental attorny for this site. He request time extension to submit the signed STIP. Chanda received an extension request via the fillowing email:" Dear Mr. Chanda:It was a pleasure speaking with you today. As discussed, I write onbehalf of Martin Motor Sales, Inc. to request an extension of ourdeadline to respond to your letter of September 22, 2008, such that ourresponse to your letter would now be due on or before Monday November24, 2008. Please confirm this extension by return email.Once we have time to review the past technical reports, I propose thatwe arrange a meeting between NYDEC, myself and ERM to discuss the scopeof what should be done at the site and the scope of the proposedcorrective action plan, as well as other potential sources of areacontamination. I look forward to working with you on this matter.Best regards,Andrew E. Skroback (Drew)Stroock & Stroock & Lavan LLP180 Maiden Lane New York, NY 10038(212) 806-6446askroback@stroock.com " 10/28/08: Chanda discussed with Mark Tibbe (NYSDEC) and approved one month extension to submit the signed STIP. The signed STIP must be submitted to DEC by November 24, 2008.12/08/08: Transferred from Chanda to Tibbe. STIP effective 12/05/08. 9/20/09 - Austin - closed and referred spill # 0609005 to this one, a report from Con Ed of finding gasoline contaminated soils in the immediate vicinity of this site. See report and eDocs - end 11/12/10 - spill re-assigned from Tibbe to Joe O'Connell11/28/11 - Obligado - Spill re-assigned from O'Connell to Obligado

Remarks: site work found contaminated soil.

Material:

Site ID:	265946
Operable Unit ID:	841848
Operable Unit:	01
Material ID:	535242
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

ASTOR SUBSTATION BCP SITE (Continued) **S108058473**

Tank Test:

SPILLS:

Facility ID:	0604159
DER Facility ID:	216711
Facility Type:	ER
Site ID:	367076
DEC Region:	2
Spill Date:	7/14/2006
Spill Number/Closed Date:	0604159 / 11/15/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	7/14/2006
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/14/2006
Spill Record Last Update:	11/15/2006
Spiller Name:	ERTS
Spiller Company:	CON EDISON
Spiller Address:	711 AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	999
Contact Name:	ERTS
Contact Phone:	(212) 580-8383
DEC Memo:	11/15/06 - See e-docs for Con Ed report detailing cleanup and closure.201143. see eDocs
Remarks:	CONED # 201143- NO TO 5 QUESTIONS

Material:

Site ID:	367076
Operable Unit ID:	1125000
Operable Unit:	01
Material ID:	2114506
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

ASTOR SUBSTATION BCP SITE (Continued) **S108058473**

Tank Test:

Facility ID:	0601353
DER Facility ID:	216711
Facility Type:	ER
Site ID:	363572
DEC Region:	2
Spill Date:	5/5/2006
Spill Number/Closed Date:	0601353 / 5/25/2007
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	5/5/2006
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/5/2006
Spill Record Last Update:	5/25/2007
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	700 11TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	999
Contact Name:	ERT DESK’
Contact Phone:	(212) 580-8383
DEC Memo:	164125.5/25/07: All soil at site was removed under BCA (see site no C231047). Close. (JHO)
Remarks:	FOUND DURING EXCAVATION ; LAB TAKING RESULTS AND CHECKING OUT: CONED #164125

Material:

Site ID:	363572
Operable Unit ID:	1121621
Operable Unit:	01
Material ID:	2111123
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

ASTOR SUBSTATION BCP SITE (Continued) **S108058473**

Tank Test:

Facility ID:	0607790
DER Facility ID:	216711
Facility Type:	ER
Site ID:	371607
DEC Region:	2
Spill Date:	10/9/2006
Spill Number/Closed Date:	0607790 / 10/10/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	10/9/2006
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/9/2006
Spill Record Last Update:	10/10/2006
Spiller Name:	ERTS
Spiller Company:	ASTERO SUB STATION
Spiller Address:	700 11TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	ERTS
Contact Phone:	(212) 580-8383
DEC Memo:	Con Ed no. 202816 - see eDocs for closure info. (JHO)
Remarks:	contained and cleaned;escavator; ref# 202816

Material:

Site ID:	371607
Operable Unit ID:	1129364
Operable Unit:	01
Material ID:	2119019
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

ASTOR SUBSTATION BCP SITE (Continued) **S108058473**

Facility ID:	0608770
DER Facility ID:	216711
Facility Type:	ER
Site ID:	372769
DEC Region:	2
Spill Date:	10/31/2006
Spill Number/Closed Date:	0608770 / 5/25/2007
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	10/31/2006
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/31/2006
Spill Record Last Update:	5/25/2007
Spiller Name:	ERTS
Spiller Company:	CON EDISON
Spiller Address:	700 11TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	999
Contact Name:	ERTS
Contact Phone:	(212) 580-8383
DEC Memo:	203105. see eDocs5/25/07: spill was not dielectric fluid - it was unknown petroleum from a tank. All soil at site was removed under BCA (see site no C231047). Close. (JHO)
Remarks:	moving a storage tank: and oil spilled on to soil; no to 5 questions: leak is stoppped and cleaning up at this time coned#203105

Material:

Site ID:	372769
Operable Unit ID:	1130503
Operable Unit:	01
Material ID:	2120175
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

O211 **ZUBACH MOTORS** **RCRA-CESQG** **1000144089**
NNW **629 W 54TH ST** **FINDS** **NYD062520937**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.130 mi.
687 ft. **Site 17 of 21 in cluster O**

Relative:
Lower

Actual:
20 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	ZUBACH MOTORS
Facility address:	629 W 54TH ST NEW YORK, NY 10019
EPA ID:	NYD062520937
Mailing address:	W 54TH ST NEW YORK, NY 10019
Contact:	Not reported
Contact address:	W 54TH ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WENER MAEDER & JOHN MENDER
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	WENER MAEDER & JOHN MENDER
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

ZUBACH MOTORS (Continued) **1000144089**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: ZUBACH MOTORS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: ZUBACH MOTORS
Classification: Not a generator, verified

Date form received by agency: 04/29/1986
Facility name: ZUBACH MOTORS
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110004363046

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYD062520937
Country: USA
Mailing Name: ZUMBACH MOTORS INCORPORATED

ZUBACH MOTORS (Continued) **1000144089**

Mailing Contact:	N/S
Mailing Address:	629 W 54TH ST & 12TH AVE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-247-1444

Document ID:	NJA1437671
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920427
Trans1 Recv Date:	920427
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920427
Part A Recv Date:	Not reported
Part B Recv Date:	920608
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00301
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1645202
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921207
Trans1 Recv Date:	921207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921207
Part A Recv Date:	921215
Part B Recv Date:	921229
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00307
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

ZUBACH MOTORS (Continued) **1000144089**

Document ID:	NJA2081491
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950825
Trans1 Recv Date:	950825
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950825
Part A Recv Date:	950906
Part B Recv Date:	950912
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00018
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA0718417
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890918
Trans1 Recv Date:	890918
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890918
Part A Recv Date:	890925
Part B Recv Date:	890926
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00307
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA0725573
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891218
Trans1 Recv Date:	891218
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891218
Part A Recv Date:	891227

ZUBACH MOTORS (Continued) **1000144089**

Part B Recv Date:	891227
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00307
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA0707572
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900116
Trans1 Recv Date:	900116
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900116
Part A Recv Date:	900123
Part B Recv Date:	900123
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00307
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0709684
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	891024
Trans1 Recv Date:	891024
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891024
Part A Recv Date:	891102
Part B Recv Date:	891121
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00307
Units:	P - Pounds
Number of Containers:	005

ZUBACH MOTORS (Continued) **1000144089**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA0715868
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891115
Trans1 Recv Date:	891115
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891115
Part A Recv Date:	891124
Part B Recv Date:	891127
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00307
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA1417827
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920720
Trans1 Recv Date:	920720
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920720
Part A Recv Date:	Not reported
Part B Recv Date:	920730
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00307
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA0245381
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869

ZUBACH MOTORS (Continued) **1000144089**

Trans2 State ID:	Not reported
Generator Ship Date:	861121
Trans1 Recv Date:	861121
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	861121
Part A Recv Date:	870108
Part B Recv Date:	861209
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00295
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0223344
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS-86
Trans2 State ID:	Not reported
Generator Ship Date:	860729
Trans1 Recv Date:	860729
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860729
Part A Recv Date:	860910
Part B Recv Date:	860808
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00295
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0203559
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	860604
Trans1 Recv Date:	860604
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860604
Part A Recv Date:	860729
Part B Recv Date:	860612
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD000805911

ZUBACH MOTORS (Continued) **1000144089**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00295
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0106607
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	12515
Trans2 State ID:	Not reported
Generator Ship Date:	860703
Trans1 Recv Date:	860703
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860703
Part A Recv Date:	860814
Part B Recv Date:	860708
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00295
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0811709
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900501
Trans1 Recv Date:	900501
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900501
Part A Recv Date:	900614
Part B Recv Date:	900618
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00307
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

ZUBACH MOTORS (Continued) **1000144089**

Year: 90

Document ID: NJA0804188
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900404
Trans1 Recv Date: 900404
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900404
Part A Recv Date: 900425
Part B Recv Date: 900411
Generator EPA ID: NYD062520937
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00307
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0818341
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900305
Trans1 Recv Date: 900305
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900305
Part A Recv Date: 900326
Part B Recv Date: 900314
Generator EPA ID: NYD062520937
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00307
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0919653
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 900531
Trans1 Recv Date: 900531

ZUBACH MOTORS (Continued) **1000144089**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900531
Part A Recv Date:	900827
Part B Recv Date:	900723
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00307
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0229153
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS-86
Trans2 State ID:	Not reported
Generator Ship Date:	860826
Trans1 Recv Date:	860826
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860826
Part A Recv Date:	861010
Part B Recv Date:	860903
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00295
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	MNA5028430
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	861023
Trans1 Recv Date:	861023
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	861023
Part A Recv Date:	861124
Part B Recv Date:	861106
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	NJD000768093
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES

ZUBACH MOTORS (Continued) **1000144089**

Quantity:	00195
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	MNA5022940
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	860925
Trans1 Recv Date:	860925
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860925
Part A Recv Date:	861008
Part B Recv Date:	861007
Generator EPA ID:	NYD062520937
Trans1 EPA ID:	NJD000768093
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00295
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Click this hyperlink while viewing on your computer to access
85 additional NY_MANIFEST: record(s) in the EDR Site Report.

O212 **LITHOGRAPHERS FINISHING C** **RCRA NonGen / NLR** **1000243345**
NNW **635 W 54TH ST** **FINDS** **NYD001227420**
1/8-1/4 **NEW YORK, NY 10019**
0.130 mi.
687 ft. **Site 18 of 21 in cluster O**

Relative:
Lower

Actual:
20 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	LITHOGRAPHERS FINISHING C
Facility address:	635 W 54TH ST NEW YORK, NY 10019
EPA ID:	NYD001227420
Mailing address:	W 54TH ST NEW YORK, NY 10019
Contact:	Not reported
Contact address:	W 54TH ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

LITHOGRAPHERS FINISHING C (Continued) **1000243345**

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: LITHOGRAPHERS FINISHING C
Classification: Not a generator, verified

Date form received by agency: 12/31/1979
Facility name: LITHOGRAPHERS FINISHING C
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004332721

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

LITHOGRAPHERS FINISHING C (Continued) **1000243345**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Q213 **CONVENT OF THE SACRED HEART** **NY UST** **U001836358**
SSE **450 WEST 51ST STREET** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.131 mi.
691 ft. **Site 1 of 5 in cluster Q**

Relative:
Higher

Actual:
43 ft.

UST:

Id/Status:	2-267023 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2007/08/17
UTM X:	585281.68880999996
UTM Y:	4513132.8208600003

Affiliation Records:

Site Id:	11063
Affiliation Type:	Facility Owner
Company Name:	CONVENT OF THE SACRED HEART
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	457 WEST 51 ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019-6389
Country Code:	001
Phone:	(212) 265-5020
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11063
Affiliation Type:	Mail Contact
Company Name:	SACRED HEART CHURCH
Contact Type:	Not reported
Contact Name:	FR CARLOS LOPEZ-ACOSTA
Address1:	457 WEST 51 STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 265-5020
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11063
Affiliation Type:	On-Site Operator

CONVENT OF THE SACRED HEART (Continued) **U001836358**

Company Name:	CONVENT OF THE SACRED HEART
Contact Type:	Not reported
Contact Name:	INOCENCIO FUENTES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 265-5020
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11063
Affiliation Type:	Emergency Contact
Company Name:	CONVENT OF THE SACRED HEART
Contact Type:	Not reported
Contact Name:	PETRO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 823-8800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	55987
Tank Status:	In Service
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	07/19/2002
Next Test Date:	07/19/2007
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

CONVENT OF THE SACRED HEART (Continued) **U001836358**

I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None

HIST UST:

PBS Number:	2-267023
SPDES Number:	Not reported
Emergency Contact:	PETRO
Emergency Telephone:	(212) 823-8800
Operator:	CARLOS GUADELUPE
Operator Telephone:	(212) 265-5020
Owner Name:	CONVENT OF THE SACRED HEART OF
Owner Address:	457 WEST 51 ST
Owner City,St,Zip:	NY, NY 10019-6389
Owner Telephone:	(212) 265-5020
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	CONVENT OF THE SACRED HEART OF
Mailing Address:	457 WEST 51 ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10019-6389
Mailing Contact:	KEVIN G. NELAN
Mailing Telephone:	(212) 265-5020
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	450 WEST 51 ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	PRIVATE RESIDENCE
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/01/1999
Expiration Date:	08/17/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	001

CONVENT OF THE SACRED HEART (Continued) **U001836358**

Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	None
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge, None
Dispenser:	Suction
Date Tested:	04/01/1998
Next Test Date:	04/01/2003
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

P214 **CON EDISON** **NY MANIFEST** **S112210027**
ESE **F/O 441 W 53RD ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.133 mi.
701 ft. **Site 6 of 16 in cluster P**

Relative:
Higher

Actual:
45 ft.

NY MANIFEST:

EPA ID:	NYP004261863
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-08
Trans1 Recv Date:	2012-08-08
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004261863
Trans1 EPA ID:	Not reported

CON EDISON (Continued) **S112210027**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010464309JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-08
Trans1 Recv Date:	2012-08-08
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004261863
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010464309JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CON EDISON (Continued) **S112210027**

Mgmt Method Type Code: H111

P215 **CON EDISON MANHOLE 10190** **RCRA NonGen / NLR** **1014919330**
ESE **445 W 53RD ST & 10TH AVE** **NYP004234928**
1/8-1/4 **NEW YORK, NY 10008**
0.133 mi.
701 ft. **Site 7 of 16 in cluster P**

Relative:
Higher

Actual:
45 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/03/2011
Facility name:	CON EDISON MANHOLE 10190
Facility address:	445 W 53RD ST & 10TH AVE NEW YORK, NY 10008
EPA ID:	NYP004234928
Mailing address:	IRVING PLAZA RM 828 NEW YORK, NY 10003
Contact:	JEAN PIERRE
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	05/04/2011
Facility name:	CON EDISON MANHOLE 10190
Classification:	Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

P216 **CON EDISON MANHOLE 10190** **RCRA NonGen / NLR** **1014918374**
ESE **445 W 53RD ST & 10TH AVE** **NYP004219885**
1/8-1/4 **NEW YORK, NY 10019**
0.133 mi.
701 ft. **Site 8 of 16 in cluster P**

Relative:
Higher

Actual:
45 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/11/2010
Facility name:	CON EDISON MANHOLE 10190
Facility address:	445 W 53RD ST & 10TH AVE NEW YORK, NY 10019
EPA ID:	NYP004219885
Mailing address:	IRVING PL RM 828 NEW YORK, NY 10003
Contact:	JUAN RODRIGUEZ
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(347) 865-5931
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	11/11/2010
Facility name:	CON EDISON MANHOLE 10190
Classification:	Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

P217 **CONED** **NY MANIFEST** **S109825531**
ESE **441 WEST 53RD ST** **N/A**
1/8-1/4 **NEW YORK, NY**
0.133 mi.
701 ft. **Site 9 of 16 in cluster P**

Relative:
Higher

Actual:
45 ft.

NY MANIFEST:

EPA ID:	NYP004243564
Country:	USA
Mailing Name:	CONED
Mailing Contact:	CONED
Mailing Address:	4 IRVING PLACE

CONED (Continued) **S109825531**

Mailing Address 2:	15TH FLOOR
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10004
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-10
Trans1 Recv Date:	2009-06-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172599
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532409JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-10
Trans1 Recv Date:	2009-06-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172599
Trans1 EPA ID:	Not reported

CONED (Continued) **S109825531**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532409JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2011-10-24
Trans1 Recv Date:	2011-10-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-10-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004243564
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	007655408JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CONED (Continued) **S109825531**

Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2009-06-10
Trans1 Recv Date: 2009-06-10
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-06-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004172599
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 1500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 003532409JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

EPA ID: NYP004172599
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2009-06-10

CONED (Continued) **S109825531**

Trans1 Recv Date:	2009-06-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172599
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532409JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-10
Trans1 Recv Date:	2009-06-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172599
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532409JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N

CONED (Continued) **S109825531**

Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2011-10-24
Trans1 Recv Date:	2011-10-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-10-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004243564
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	007655408JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-10
Trans1 Recv Date:	2009-06-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004172599

CONED (Continued) **S109825531**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532409JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

P218 **CONSOLIDATED EDISON** **NY MANIFEST** **S110709426**
ESE **445 445 W 53RD ST AND 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.133 mi.
701 ft. **Site 10 of 16 in cluster P**

Relative:
Higher

Actual:
45 ft.

NY MANIFEST:

EPA ID:	NYP004219885
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2010-11-11
Trans1 Recv Date:	2010-11-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-11-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004219885
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CONSOLIDATED EDISON (Continued) **S110709426**

TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	8000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	001057918GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

P219 **CON EDISON MANHOLE 10190** **RCRA NonGen / NLR** **1014926581**
ESE **441 W 53RD ST** **NYP004243564**
1/8-1/4 **NEW YORK, NY 10019**
0.133 mi.
701 ft. **Site 11 of 16 in cluster P**

Relative:
Higher

Actual:
45 ft.

RCRA NonGen / NLR:

Date form received by agency:	11/23/2011
Facility name:	CON EDISON MANHOLE 10190
Facility address:	441 W 53RD ST NEW YORK, NY 10019
EPA ID:	NYP004243564
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	BENJAMIN BAMONTE
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(212) 894-9549
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

CON EDISON MANHOLE 10190 (Continued) **1014926581**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/24/2011
Facility name: CON EDISON MANHOLE 10190
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

P220 **CONSOLIDATED EDISON** **NY MANIFEST** **S110823839**
ESE **445 WEST 53RD ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.133 mi.
701 ft. **Site 12 of 16 in cluster P**

Relative:
Higher

Actual:
45 ft.

NY MANIFEST:
EPA ID: NYP004227835
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2011-02-14
Trans1 Recv Date: 2011-02-14
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-02-17
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004227835
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 250.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 007660075JJK
Import Ind: N

CONSOLIDATED EDISON (Continued) **S110823839**

Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

P221 **CON EDISON** **RCRA-CESQG** **1014395793**
ESE **441 W 53RD ST** **NYP004172599**
1/8-1/4 **NEW YORK, NY 10022**
0.133 mi.
701 ft. **Site 13 of 16 in cluster P**

Relative:
Higher

Actual:
45 ft.

RCRA-CESQG:

Date form received by agency:	06/10/2009
Facility name:	CON EDISON
Facility address:	441 W 53RD ST NEW YORK, NY 10022
EPA ID:	NYP004172599
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	MICHAEL BETO
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(917) 337-5519
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

CON EDISON (Continued) **1014395793**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

L222 **601 WEST 50TH ST** **NY UST** **U004156983**
WSW **601-603 WEST 50TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.134 mi.
708 ft. **Site 31 of 33 in cluster L**

Relative:
Higher

Actual:
23 ft.

UST:
Id/Status: 2-241628 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2016/06/15
UTM X: 584881.88509999996
UTM Y: 4513273.8847899996

Affiliation Records:
Site Id: 9213
Affiliation Type: On-Site Operator
Company Name: 601 WEST 50TH ST
Contact Type: Not reported
Contact Name: CHARLES TRACY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 265-1500
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/26/2010

Site Id: 9213
Affiliation Type: Emergency Contact
Company Name: KENNETH COLE PRODUCTIONS, INC.
Contact Type: Not reported
Contact Name: CHARLES TRACY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (347) 429-4962
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/26/2010

601 WEST 50TH ST (Continued) **U004156983**

Site Id:	9213
Affiliation Type:	Facility Owner
Company Name:	KENNETH COLE PRODUCTIONS, INC.
Contact Type:	AGENT
Contact Name:	CHARLES TRACY
Address1:	603 WEST 50TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 265-1500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/18/2011

Site Id:	9213
Affiliation Type:	Mail Contact
Company Name:	KENNETH COLE PRODUCTIONS, INC.
Contact Type:	AGENT
Contact Name:	CHARLES TRACY
Address1:	603 WEST 50TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 265-1500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/18/2011

Tank Info:

Tank Number:	001
Tank ID:	15009
Tank Status:	In Service
Capacity Gallons:	5000
Install Date:	09/01/1960
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	08/30/2010
Next Test Date:	08/30/2015
Pipe Model:	Not reported
Modified By:	BKFALVEY
Last Modified:	09/28/2010

Equipment Records:

B00 - Tank External Protection - None

601 WEST 50TH ST (Continued) **U004156983**

K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number:	002
Tank ID:	247374
Tank Status:	Closed - In Place
Capacity Gallons:	10000
Install Date:	Not reported
Date Tank Closed:	12/13/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	03/04/2013

L223 **SAAR CO LLC - 601 WEST 50TH STREET** **RCRA NonGen / NLR** **1001968903**
WSW **601 W 50TH ST** **FINDS** **NYR000080895**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.134 mi.
708 ft. **Site 32 of 33 in cluster L**

Relative:
Higher

Actual:
23 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	SAAR CO LLC - 601 WEST 50TH STREET
Facility address:	601 W 50TH ST NEW YORK, NY 10019
EPA ID:	NYR000080895
Mailing address:	W 50TH ST NEW YORK, NY 10019
Contact:	MARK BURACK
Contact address:	W 50TH ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	(212) 315-4225
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

SAAR CO LLC - 601 WEST 50TH STREET (Continued) **1001968903**

Owner/Operator Summary:
Owner/operator name: SAAR CO LLC
Owner/operator address: 601 W 50TH ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 581-8849
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SAAR CO LLC
Owner/operator address: 601 W 50TH ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 581-8849
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: SAAR CO LLC - 601 WEST 50TH STREET
Classification: Not a generator, verified

Date form received by agency: 04/07/2000
Facility name: SAAR CO LLC - 601 WEST 50TH STREET
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004558666

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

SAAR CO LLC - 601 WEST 50TH STREET (Continued) **1001968903**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYR000080895
Country:	USA
Mailing Name:	SAAR COMPANY LLC
Mailing Contact:	MARK BURACK
Mailing Address:	601 W 50TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10015
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-315-4225

Document ID:	NJA3155026
Manifest Status:	Not reported
Trans1 State ID:	NYD046765574
Trans2 State ID:	Not reported
Generator Ship Date:	04/21/2000
Trans1 Recv Date:	04/21/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/24/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000080895
Trans1 EPA ID:	NJD991291105
Trans2 EPA ID:	Not reported
TSDF ID:	S8424
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	03200
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

R224 **WHITEHALL STORAGE (OP. BY WHITEHALL BUSNS ARCHVS)** **NY AST** **A100178397**
West **635 WEST 51ST STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.135 mi.
711 ft. **Site 1 of 4 in cluster R**

Relative:
Lower

Actual:
19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606211
Program Type:	PBS
UTM X:	584830.26509

WHITEHALL STORAGE (OP. BY WHITEHALL BUSNS ARCHVS) (Continued) **A100178397**

UTM Y: 4513363.7305600001
Expiration Date: 2016/07/06

Affiliation Records:

Site Id: 28075
Affiliation Type: Mail Contact
Company Name: WHITEHALL BUSINESS ARCHIVES, INC
Contact Type: Not reported
Contact Name: JACK FUCHS
Address1: 333 HUDSON ST #901
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (212) 587-0500
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 10/2/2012

Site Id: 28075
Affiliation Type: On-Site Operator
Company Name: WHITEHALL STORAGE (OP. BY WHITEHALL BUSNS ARCHVS)
Contact Type: Not reported
Contact Name: WINSTON BROMLEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 489-1733
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 10/2/2012

Site Id: 28075
Affiliation Type: Emergency Contact
Company Name: WHITEHALL BUSINESS ARCHIVES, INC (AS
Contact Type: Not reported
Contact Name: GEORGE R. GOMEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 709-5147
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 8/21/2007

Site Id: 28075
Affiliation Type: Facility Owner
Company Name: WHITEHALL BUSINESS ARCHIVES, INC

WHITEHALL STORAGE (OP. BY WHITEHALL BUSNS ARCHVS) (Continued) **A100178397**

Contact Type:	BOOKKEEPER
Contact Name:	Not reported
Address1:	333 HUDSON ST #901
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(212) 587-0500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	10/2/2012

Tank Info:

Tank Number:	1
Tank Id:	61107
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
I05 - Overfill - Vent Whistle
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1946
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	08/21/2007

R225 **CON EDISON** **NY MANIFEST** **S112210923**
West **634 W 51 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.135 mi.
715 ft. **Site 2 of 4 in cluster R**

Relative:
Lower

Actual:
19 ft.

NY MANIFEST:

EPA ID:	NYP004271276
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR

CON EDISON (Continued) **S112210923**

Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-01
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271276
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	4000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457302JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

O226 **MINI OF MANHATTAN** **NY AST** **A100304758**
North **793-801 11TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.136 mi.
717 ft. **Site 19 of 21 in cluster O**

Relative:
Higher

Actual:
24 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610574
Program Type:	PBS
UTM X:	585021.46777999995
UTM Y:	4513590.6160599999

MINI OF MANHATTAN (Continued) **A100304758**

Expiration Date: 2017/05/21

Affiliation Records:

Site Id: 381750
Affiliation Type: Facility Owner
Company Name: BMWNA
Contact Type: PARTS AND FACILITIES MGR
Contact Name: THOMAS BRENNAN
Address1: 300 CHESTNUT RIDGE RD
Address2: Not reported
City: WOODCLIFF LAKE
State: NJ
Zip Code: 07677
Country Code: 001
Phone: (201) 307-4000
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 9/18/2012

Site Id: 381750
Affiliation Type: Mail Contact
Company Name: MINI OF MANHATTAN
Contact Type: Not reported
Contact Name: THOMAS BRENNAN
Address1: 555 WEST 57TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 314-9709
EMail: TBRENNAN@BMWNYC.COM
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 9/18/2012

Site Id: 381750
Affiliation Type: Emergency Contact
Company Name: BMWNA
Contact Type: Not reported
Contact Name: THOMAS BRENNAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 314-9709
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 5/21/2007

Site Id: 381750
Affiliation Type: On-Site Operator
Company Name: MINI OF MANHATTAN
Contact Type: Not reported

MINI OF MANHATTAN (Continued) **A100304758**

Contact Name:	THOMAS BRENNAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 314-9709
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/18/2012

Tank Info:

Tank Number:	001
Tank Id:	217304
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

L00 - Piping Leak Detection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K99 - Spill Prevention - Other
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/01/2007
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	09/18/2012

K227 **436-438 W. 52 ST.** **NY AST** **U004045558**
SE **436-438 WEST 52ND STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.137 mi.
721 ft. **Site 2 of 3 in cluster K**

Relative:
Higher

Actual:
45 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-604022
Program Type:	PBS
UTM X:	585311.30102000001
UTM Y:	4513178.5093499999
Expiration Date:	N/A

Affiliation Records:

Site Id:	25910
Affiliation Type:	Facility Owner
Company Name:	WEST 52 PROPERTIES, LLC.
Contact Type:	DIRECTOR OF OPERATIONS
Contact Name:	ELIZABETH NOVOTNY
Address1:	381 PARK AVENUE SOUTH, SUITE 1420
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(212) 684-7079
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/25/2004

Site Id:	25910
Affiliation Type:	Mail Contact
Company Name:	MARGULES PROPERTIES
Contact Type:	Not reported
Contact Name:	ELIZABETH NOVOTNY
Address1:	381 PARK AVENUE SOUTH
Address2:	SUITE 1420
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(212) 684-7079
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/25/2004

Site Id:	25910
Affiliation Type:	On-Site Operator
Company Name:	436-438 W. 52 ST.
Contact Type:	Not reported
Contact Name:	DENNIS HEYMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

436-438 W. 52 ST. (Continued) **U004045558**

Zip Code:	Not reported
Country Code:	001
Phone:	(917) 314-7878
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/25/2004

Site Id:	25910
Affiliation Type:	Emergency Contact
Company Name:	WEST 52 PROPERTIES, LLC.
Contact Type:	Not reported
Contact Name:	FERRANTINO OIL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 226-4191
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/25/2004

Tank Info:

Tank Number:	01
Tank Id:	56423
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
K99 - Spill Prevention - Other
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/01/2003
Register:	True
Modified By:	NRLOMBAR

436-438 W. 52 ST. (Continued) **U004045558**

Last Modified: 08/25/2004

P228 **CON EDISON** **NY MANIFEST** **S112210892**
ESE **437 W 53RD ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.139 mi.
735 ft. **Site 14 of 16 in cluster P**

Relative:
Higher

Actual:
46 ft.

NY MANIFEST:

EPA ID:	NYP004270930
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270930
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1060.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457315JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

CON EDISON (Continued) **S112210892**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270930
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1060.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457315JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

K229 **434 WEST 52 STREET** **NY AST** **U003392503**
SE **434 WEST 52 STREET** **NY HIST AST** **N/A**
1/8-1/4 **NY, NY 10019**
0.140 mi.
741 ft. **Site 3 of 3 in cluster K**

Relative:
Higher

Actual:
46 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-161055
Program Type:	PBS
UTM X:	585358.34435000003
UTM Y:	4513183.5524399998
Expiration Date:	2012/10/23

Affiliation Records:

Site Id:	5532
Affiliation Type:	Facility Owner
Company Name:	CAPE ISLANDS CO C/O CLARE & DAVID AIR
Contact Type:	PARTNER
Contact Name:	CLARE L. AIR
Address1:	P.O. BOX 1411 OLD CHELSEA STATION

434 WEST 52 STREET (Continued) **U003392503**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10113-1411
Country Code:	001
Phone:	(212) 620-0162
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/18/2007

Site Id:	5532
Affiliation Type:	Mail Contact
Company Name:	CAPE ISLANDS CO
Contact Type:	Not reported
Contact Name:	CLARE & DAVID AIR
Address1:	PO BOX 1411 OLD CHELSEA STATION
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10113
Country Code:	001
Phone:	(212) 620-0162
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/18/2007

Site Id:	5532
Affiliation Type:	On-Site Operator
Company Name:	434 WEST 52 STREET
Contact Type:	Not reported
Contact Name:	CAPE ISLANDS CO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 620-0162
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	5532
Affiliation Type:	Emergency Contact
Company Name:	CAPE ISLANDS CO C/O CLARKE & DAVID AIR
Contact Type:	Not reported
Contact Name:	CLARE LANDAU/DAVID AIR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 620-0162

434 WEST 52 STREET (Continued) **U003392503**

EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 24728
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

E02 - Piping Secondary Containment - Vault (with Access)
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
J03 - Dispenser - Gravity

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1974
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 09/18/2007

HIST AST:

PBS Number: 2-161055
SWIS Code: 6201
Operator: CAPE ISLANDS CO
Facility Phone: (212) 925-7867
Facility Addr2: 434 WEST 52 STREET
Facility Type: APARTMENT BUILDING
Emergency: CLARE LANDAU/DAVID
Emergency Tel: (212) 925-7867
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: CAPE ISLANDS CO
Owner Address: PO BOX 429 CANAL ST STATION
Owner City,St,Zip: NEW YORK, NY 10013
Federal ID: Not reported
Owner Tel: (212) 925-7867

434 WEST 52 STREET (Continued) **U003392503**

Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	CLARE LAUDAM
Mailing Name:	CAPE ISLANDS CO
Mailing Address:	PO BOX 429 CANAL ST STATION
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10013
Mailing Telephone:	(212) 925-7867
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/10/1997
Expiration:	10/23/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19741201
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

L230 **SWEETHEART PRODUCTIONS INC** **RCRA NonGen / NLR** **1001127987**
WSW **611 W 50TH ST** **FINDS** **NYR000036368**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.141 mi.
747 ft. **Site 33 of 33 in cluster L**

Relative:
Lower

Actual:
21 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	SWEETHEART PRODUCTIONS INC
Facility address:	611 W 50TH ST NEW YORK, NY 100197029
EPA ID:	NYR000036368
Mailing address:	W 50TH ST NEW YORK, NY 10019
Contact:	Not reported
Contact address:	W 50TH ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SAAR LLC
Owner/operator address:	601 W 50TH ST NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	(212) 587-9062
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SAAR LLC
Owner/operator address:	601 W 50TH ST NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	(212) 587-9062
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

SWEETHEART PRODUCTIONS INC (Continued) **1001127987**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: SWEETHEART PRODUCTIONS INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: SWEETHEART PRODUCTIONS INC
Classification: Not a generator, verified

Date form received by agency: 03/25/1998
Facility name: SWEETHEART PRODUCTIONS INC
Site name: SWEETHEART PRODUCTIONS
Classification: Large Quantity Generator

Date form received by agency: 03/06/1997
Facility name: SWEETHEART PRODUCTIONS INC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110000849734

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYR000036368
Country: USA
Mailing Name: SWEETHEART PRODUCTIONS INC
Mailing Contact: RICHARD BRICK
Mailing Address: 41 WEST 56TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10025
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-582-9062

Document ID: NJA2582419
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 970313

SWEETHEART PRODUCTIONS INC (Continued) **1001127987**

Trans1 Recv Date:	970313
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970314
Part A Recv Date:	Not reported
Part B Recv Date:	970331
Generator EPA ID:	NYR000036368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F003 - UNKNOWN
Quantity:	01960
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00535
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

S231 **EDR US Hist Auto Stat** **1015587934**
NNW **641 W 54TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.142 mi.
750 ft. **Site 1 of 2 in cluster S**

Relative:
Lower

Actual:
19 ft.

EDR Historical Auto Stations:

Name:	JAPANESE TRANSMISSIONS
Year:	2003
Address:	641 W 54TH ST
Name:	JAPANESE TRANSMISSIONS
Year:	2010
Address:	641 W 54TH ST

T232 **SKYLINE HOTEL** **NY AST** **U004107529**
South **725 TENTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.143 mi.
753 ft. **Site 1 of 4 in cluster T**

Relative:
Higher

Actual:
40 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606157
Program Type:	PBS
UTM X:	585047.76208999997
UTM Y:	4513050.1453600004
Expiration Date:	2016/07/02

SKYLINE HOTEL (Continued) **U004107529**

Affiliation Records:

Site Id:	28021
Affiliation Type:	Facility Owner
Company Name:	HARRY KRAKOWSKI
Contact Type:	GENERAL MANAGER
Contact Name:	MARK HUREWITZ
Address1:	725 TENTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 586-3400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	5/24/2011

Site Id:	28021
Affiliation Type:	Mail Contact
Company Name:	SKYLINE HOTEL, LLC
Contact Type:	Not reported
Contact Name:	HARRY KRAKOWSKI
Address1:	725 10TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 586-3400
EMail:	MHUREWITZ@SKYLINEHOTELNYC.COM
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	5/24/2011

Site Id:	28021
Affiliation Type:	On-Site Operator
Company Name:	SKYLINE HOTEL
Contact Type:	Not reported
Contact Name:	HARRY KRAKOWSKI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 586-3400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/17/2007

Site Id:	28021
Affiliation Type:	Emergency Contact
Company Name:	HARRY KRAKOWSKI
Contact Type:	Not reported
Contact Name:	MARK HUREWITZ

SKYLINE HOTEL (Continued) **U004107529**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 609-2128
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	5/24/2011

Tank Info:

Tank Number:	001
Tank Id:	61020
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C03 - Pipe Location - Aboveground/Underground Combination
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
G99 - Tank Secondary Containment - Other

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/06/1959
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	05/24/2011

Tank Number:	002
Tank Id:	61021
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

SKYLINE HOTEL (Continued) **U004107529**

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F06 - Pipe External Protection - Wrapped
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/19/2007
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/17/2007

T233 **CON EDISON** **NY HIST UST** **U003790879**
South **725 10TH AVE** **NY MANIFEST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.143 mi.
753 ft. **Site 2 of 4 in cluster T**

Relative:
Higher

Actual:
40 ft.

HIST UST:

PBS Number:	2-606157
SPDES Number:	Not reported
Emergency Contact:	TEDDY ROCZNIAK
Emergency Telephone:	(212) 586-3400
Operator:	HARRY KRAKOWSKI
Operator Telephone:	(212) 586-3400
Owner Name:	HARRY KRAKOWSKI
Owner Address:	725 10TH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 586-3400
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	SKYLINE HOTEL, LLC
Mailing Address:	725 10TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	HARRY KRAKOWSKI
Mailing Telephone:	(212) 586-3400
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported

CON EDISON (Continued) **U003790879**

Certification Flag: False
Certification Date: 07/02/2001
Expiration Date: 07/02/2006
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 15000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 62
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 10000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Containment: Double-Walled
Leak Detection: Not reported
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 5000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating

CON EDISON (Continued) **U003790879**

Second Containment:	Double-Walled
Leak Detection:	Not reported
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

NY MANIFEST:

EPA ID:	NYP004269890
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269890
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457146JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

CON EDISON (Continued) **U003790879**

Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269890
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457146JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Q234 **CERTIFIED MOVING & STORAGE CO** **NY AST** **U004046335**
SE **438 WEST 51ST STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.143 mi.
757 ft. **Site 2 of 5 in cluster Q**

Relative:
Higher

Actual:
44 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Facility Id:	2-335673
Program Type:	PBS
UTM X:	585309.63551000005
UTM Y:	4513117.7110000001
Expiration Date:	N/A

CERTIFIED MOVING & STORAGE CO (Continued) **U004046335**

Affiliation Records:

Site Id:	16018
Affiliation Type:	Facility Owner
Company Name:	M & R LEWIS PARTNERSHIP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	438 WEST 51ST STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 245-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16018
Affiliation Type:	Mail Contact
Company Name:	M & R LEWIS PARTNERSHIP
Contact Type:	Not reported
Contact Name:	CHARLES SAMBERG
Address1:	438 WEST 51ST STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 245-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16018
Affiliation Type:	On-Site Operator
Company Name:	CERTIFIED MOVING & STORAGE CO
Contact Type:	Not reported
Contact Name:	CERTIFIED MOVING & STORAGE CO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 245-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16018
Affiliation Type:	Emergency Contact
Company Name:	M & R LEWIS PARTNERSHIP
Contact Type:	Not reported
Contact Name:	ROCCO SICONOCFI

CERTIFIED MOVING & STORAGE CO (Continued) **U004046335**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 245-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	39952
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
A01 - Tank Internal Protection - Epoxy Liner
H99 - Tank Leak Detection - Other
I05 - Overfill - Vent Whistle
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
B05 - Tank External Protection - Jacketed

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1980
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	10/17/2007

Tank Number:	001
Tank Id:	20997
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

CERTIFIED MOVING & STORAGE CO (Continued) **U004046335**

G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Affiliation Records:

Site Id:	22004
Affiliation Type:	Facility Owner
Company Name:	438 WEST 51ST ST GROUP LLC % THE ROBERT LEWIS GRP.
Contact Type:	PRESIDENT
Contact Name:	MICHAEL FRUCHTER
Address1:	438 WEST 51ST STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 977-9400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/17/2007

Site Id:	22004
Affiliation Type:	Mail Contact
Company Name:	THE ROBERT LEWIS GROUP LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	438 WEST 51ST STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 977-9400
EMail:	MFRUCHTER@TRLG.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/17/2007

Site Id:	22004
Affiliation Type:	On-Site Operator
Company Name:	THE ROBERT LEWIS GROUP
Contact Type:	Not reported

CERTIFIED MOVING & STORAGE CO (Continued) **U004046335**

Contact Name:	THE ROBERT LEWIS GROUP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 977-9400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	22004
Affiliation Type:	Emergency Contact
Company Name:	438 WEST 51ST ST GROUP LLC % THE ROBERT LEWIS GRP.
Contact Type:	Not reported
Contact Name:	MICHAEL FRUCHTER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(201) 925-3830
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/17/2007

Tank Info:

Tank Number:	001
Tank Id:	39952
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
A01 - Tank Internal Protection - Epoxy Liner
H99 - Tank Leak Detection - Other
I05 - Overfill - Vent Whistle
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
B05 - Tank External Protection - Jacketed

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1980
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported

CERTIFIED MOVING & STORAGE CO (Continued) **U004046335**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	10/17/2007

Tank Number:	001
Tank Id:	20997
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

T235 **725 10TH AVENUE** **NY LTANKS** **S102672235**
South **725 10TH AVENUE** **NY Spills** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.144 mi.
761 ft. **Site 3 of 4 in cluster T**

Relative:
Higher

Actual:
40 ft.

LTANKS:

Site ID:	216380
Spill Number/Closed Date:	9308145 / 10/5/1993
Spill Date:	10/5/1993
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	10/5/1993
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	10/5/1993
CID:	Not reported

725 10TH AVENUE (Continued) **S102672235**

Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/5/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller City,St,Zip:	***UPDATE***, ZZ
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	179143
DEC Memo:	Not reported
Remarks:	GUAGE MALFUNCTION - GAVE WRONG ON HANDING - SENT SPILL CREW - WILL APPLY SPEEDY DRY.

Material:

Site ID:	216380
Operable Unit ID:	989670
Operable Unit:	01
Material ID:	394385
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	1010636
DER Facility ID:	399155
Facility Type:	ER
Site ID:	444250
DEC Region:	2
Spill Date:	1/14/2011
Spill Number/Closed Date:	1010636 / 1/26/2011
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	1/14/2011
CID:	Not reported

725 10TH AVENUE (Continued) **S102672235**

Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/14/2011
Spill Record Last Update:	1/26/2011
Spiller Name:	Not reported
Spiller Company:	THE BUILDING
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	TOMMY - SUPERINTENDENT
Contact Phone:	(212) 586-3400
DEC Memo:	spill from boiler on floor. approx 500-1000 gallons down drain. Surface cleanup is relatively small. Drain is believed to go to Amtrak tracks below. I spoke with AMtrak rep who walked the tracks. they found no oil. DEP was informed and surface spill was taken care of. Followup for closure.Release to city sanitary system. Surface cleanup complete and repairs have been made. Spill closed.
Remarks:	Tommy reported to Castle Oil over 1000 gallons in basement down the drain - No cleanup noted as of yet - possibly from a boiler malfunction

Material:

Site ID:	444250
Operable Unit ID:	1194693
Operable Unit:	01
Material ID:	2190558
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1000
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

O236 **W T C AUTO CENTERS INC** **RCRA NonGen / NLR** **1000890248**
North **823 11TH AVE & 56TH ST** **FINDS** **NY0000291914**
1/8-1/4 **NEW YORK, NY 10019**
0.145 mi.
768 ft. **Site 20 of 21 in cluster O**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	W T C AUTO CENTERS INC
Facility address:	823 11TH AVE & 56TH ST NEW YORK, NY 10019
EPA ID:	NY0000291914

W T C AUTO CENTERS INC (Continued) **1000890248**

Mailing address: 11TH AVE & 56TH ST
NEW YORK, NY 10019
Contact: Not reported
Contact address: 11TH AVE & 56TH ST
NEW YORK, NY 10019
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ROBERT LICO
Owner/operator address: 690 ORINOCO DR
BAYSHORE, NY 11706
Owner/operator country: US
Owner/operator telephone: (516) 665-7100
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROBERT LICO
Owner/operator address: 690 ORINOCO DR
BAYSHORE, NY 11706
Owner/operator country: US
Owner/operator telephone: (516) 665-7100
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: W T C AUTO CENTERS INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999

W T C AUTO CENTERS INC (Continued) **1000890248**

Facility name: W T C AUTO CENTERS INC
Classification: Not a generator, verified

Date form received by agency: 02/24/1997
Facility name: W T C AUTO CENTERS INC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110007986117

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

T237 **722-10TH AVE** **NY AST** **U003391098**
South **722 TENTH AVENUE** **NY HIST AST** **N/A**
1/8-1/4 **NY, NY 10019**
0.146 mi.
769 ft. **Site 4 of 4 in cluster T**

Relative:
Higher

Actual:
40 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-333379
Program Type: PBS
UTM X: 585113.74748999998
UTM Y: 4513092.1421100004
Expiration Date: 2008/01/08

Affiliation Records:
Site Id: 15815
Affiliation Type: Facility Owner
Company Name: 722-24 TENTH AVENUE HOLDING LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 100 CEDARHURST AVENUE, SUITE 202
Address2: Not reported
City: CEDARHURST
State: NY
Zip Code: 11516
Country Code: 001
Phone: (516) 374-6080
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 15815
Affiliation Type: On-Site Operator
Company Name: 722-724 TENTH AVENUE HOLDING LLC

722-10TH AVE (Continued) **U003391098**

Contact Type:	Not reported
Contact Name:	BARBERRY ROSE MANAGEMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 374-6080
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15815
Affiliation Type:	Emergency Contact
Company Name:	722-24 TENTH AVENUE HOLDING LLC
Contact Type:	Not reported
Contact Name:	MR SHANE BARBANEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 374-6080
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15815
Affiliation Type:	Mail Contact
Company Name:	BARBERRY ROSE MANAGEMENT CO. INC.
Contact Type:	Not reported
Contact Name:	MR. LEWIS BARBANEL
Address1:	100 CEDARHURST AVENUE
Address2:	SUITE 202
City:	CEDARHURST
State:	NY
Zip Code:	11516
Country Code:	001
Phone:	(516) 374-6080
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	20771
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

722-10TH AVE (Continued) **U003391098**

B00 - Tank External Protection - None
A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/01/1979
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-333379
SWIS Code:	6201
Operator:	WILIAM HOWARD
Facility Phone:	(212) 586-4299
Facility Addr2:	722 10TH AVENUE
Facility Type:	Not reported
Emergency:	ZYGMUNT DROSDOWSKI SUP
Emergency Tel:	(718) 897-7776
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	ZAND REALTY INC
Owner Address:	64-24 ALDERTON ST
Owner City,St,Zip:	REGO PARK, NY 11374
Federal ID:	Not reported
Owner Tel:	(718) 897-7776
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	ZAND REALTY INC
Mailing Address:	64-24 ALDERTON ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	REGO PARK, NY 11374
Mailing Telephone:	(718) 897-7776
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/02/1987
Expiration:	10/02/1992

722-10TH AVE (Continued) **U003391098**

Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19790401
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	6
Tank Containment:	Diking
Leak Detection:	9
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

O238 **PENSKE CADILLAC** **NY MANIFEST** **1009226401**
North **798 11TH AVENUE & WEST 55TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.149 mi.
785 ft. **Site 21 of 21 in cluster O**

Relative:
Higher

Actual:
25 ft.

NY MANIFEST:

EPA ID:	NYD982528358
Country:	USA
Mailing Name:	PENSKE CADILLAC
Mailing Contact:	PENSKE CADILLAC
Mailing Address:	798 11TH AVENUE & WEST 55TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported

PENSKE CADILLAC (Continued) **1009226401**

Mailing Country:	USA
Mailing Phone:	212-399-4400
Document ID:	NJA0331380
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	880302
Trans1 Recv Date:	880302
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880302
Part A Recv Date:	880425
Part B Recv Date:	880315
Generator EPA ID:	NYD982528358
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00640
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	88

Document ID:	NJA0444291
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	880427
Trans1 Recv Date:	880427
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880427
Part A Recv Date:	880520
Part B Recv Date:	880503
Generator EPA ID:	NYD982528358
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00360
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported

PENSKE CADILLAC (Continued) **1009226401**

Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	88

Document ID:	NJA0444758
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	880406
Trans1 Recv Date:	880406
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880406
Part A Recv Date:	880516
Part B Recv Date:	880414
Generator EPA ID:	NYD982528358
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00360
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

P239 **ONE SOURCE PROPERTY HOLDINGS, INC.** **NY UST** **U004076224**
ESE **429 WEST 53RD STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.149 mi.
786 ft. **Site 15 of 16 in cluster P**

Relative:
Higher

Actual:
48 ft.

UST:

Id/Status:	2-084948 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2009/03/25
UTM X:	585414.73673
UTM Y:	4513256.4771699999

Affiliation Records:

Site Id:	2004
Affiliation Type:	Facility Owner
Company Name:	ONESOURCE PROPERTY HOLDINGS, INC.

ONE SOURCE PROPERTY HOLDINGS, INC. (Continued) **U004076224**

Contact Type:	VICE PRESIDENT
Contact Name:	PERRY J. GAID
Address1:	429 W. 53RD ST.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019-5603
Country Code:	001
Phone:	(770) 436-9900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2006

Site Id:	2004
Affiliation Type:	On-Site Operator
Company Name:	ONE SOURCE PROPERTY HOLDINGS, INC.
Contact Type:	Not reported
Contact Name:	LUTHER BENSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 408-6200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/11/2006

Site Id:	2004
Affiliation Type:	Emergency Contact
Company Name:	ONESOURCE PROPERTY HOLDINGS, INC.
Contact Type:	Not reported
Contact Name:	PERRY GAID
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(770) 308-0519
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/11/2006

Site Id:	2004
Affiliation Type:	Mail Contact
Company Name:	ONESOURCE MANAGEMENT, INC.
Contact Type:	Not reported
Contact Name:	PERRY GAID
Address1:	1600 PARKWOOD CIRCLE
Address2:	SUITE 400
City:	ATLANTA
State:	GA

ONE SOURCE PROPERTY HOLDINGS, INC. (Continued) **U004076224**

Zip Code:	30339
Country Code:	001
Phone:	(770) 436-9900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2006

Tank Info:

Tank Number:	002
Tank ID:	209583
Tank Status:	Closed - In Place
Capacity Gallons:	560
Install Date:	Not reported
Date Tank Closed:	12/13/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	01/25/2006

Equipment Records:

L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	003
Tank ID:	209584
Tank Status:	Closed - In Place
Capacity Gallons:	560
Install Date:	Not reported
Date Tank Closed:	12/13/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

ONE SOURCE PROPERTY HOLDINGS, INC. (Continued) **U004076224**

Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 01/25/2006

Equipment Records:

L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

P240 **ONE SOURCE NY INC** **RCRA-SQG** **1000555828**
ESE **W 53RD ST** **FINDS** **NYD986983732**
1/8-1/4 **NEW YORK, NY 10019** **NY AST**
0.149 mi. **NY HIST AST**
786 ft. **Site 16 of 16 in cluster P** **NY MANIFEST**
NJ MANIFEST

Relative:
Higher

Actual:
48 ft.

RCRA-SQG:
Date form received by agency: 01/01/2007
Facility name: ONE SOURCE NY INC
Facility address: W 53RD ST
NEW YORK, NY 10019
EPA ID: NYD986983732
Contact: EUGENE J KOBLISKA
Contact address: W 53RD ST
NEW YORK, NY 10019
Contact country: US
Contact telephone: (212) 408-6289
Contact email: GKOBLISKA@2ONESOURCE.COM
EPA Region: 02
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: HUDSON SHATZ PAINTING CO INC
Owner/operator address: 429 W 53RD ST
NEW YORK, NY 10019
Owner/operator country: Not reported
Owner/operator telephone: (212) 757-6363
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: ONESOURCE NY INC
Owner/operator address: W 53RD ST

ONE SOURCE NY INC (Continued) **1000555828**

NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 408-6289
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/01/1999
Owner/Op end date: Not reported

Owner/operator name: ONESOURCE PROPERTY HOLDINGS INC
Owner/operator address: PARKWOOD CIRCLE SUITE 400
ATLANTA, GA 30339
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/01/1999
Owner/Op end date: Not reported

Owner/operator name: HUDSON SHATZ PAINTING CO INC
Owner/operator address: 429 W 53RD ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 757-6363
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: ONE SOURCE NY INC
Classification: Small Quantity Generator

Date form received by agency: 06/30/2004
Facility name: ONE SOURCE NY INC
Classification: Small Quantity Generator

Date form received by agency: 04/26/2004
Facility name: ONE SOURCE NY INC

ONE SOURCE NY INC (Continued) **1000555828**

Site name: ONESOURCE NY INC
Classification: Small Quantity Generator

Date form received by agency: 01/01/2001
Facility name: ONE SOURCE NY INC
Site name: ONESOURCE PAINTING, INC. D/B/A
Classification: Large Quantity Generator

Date form received by agency: 08/01/1998
Facility name: ONE SOURCE NY INC
Site name: HUDSON SHATZ PAINTING CO INC
Classification: Large Quantity Generator

Date form received by agency: 06/07/1996
Facility name: ONE SOURCE NY INC
Site name: HUDSON SHATZ PAINTING CO INC
Classification: Large Quantity Generator

Date form received by agency: 04/15/1994
Facility name: ONE SOURCE NY INC
Site name: HUDSON SHATZ PAINTING
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Facility name: ONE SOURCE NY INC
Site name: HUDSON SHATZ
Classification: Large Quantity Generator

Date form received by agency: 12/19/1991
Facility name: ONE SOURCE NY INC
Site name: HUDSON SHATZ PAINTING CO INC
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE

ONE SOURCE NY INC (Continued) **1000555828**

OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D035
Waste name: METHYL ETHYL KETONE

Facility Has Received Notices of Violations:
Regulation violated: SR - 372.2(c)(iv)
Area of violation: Listing - General
Date violation determined: 06/28/2004
Date achieved compliance: 09/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/31/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(c)(1)(i)
Area of violation: Listing - General
Date violation determined: 06/28/2004
Date achieved compliance: 09/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/31/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 07/03/1996
Date achieved compliance: 10/07/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/03/1996

ONE SOURCE NY INC (Continued) **1000555828**

Date achieved compliance: 10/07/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/30/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/28/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 09/09/2004
Evaluation lead agency: State

Evaluation date: 07/02/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/07/1996
Evaluation lead agency: State

Evaluation date: 07/02/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/07/1996
Evaluation lead agency: State

FINDS:

Registry ID: 110000810597

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-084948
Program Type: PBS

ONE SOURCE NY INC (Continued) **1000555828**

UTM X: 585414.73673
UTM Y: 4513256.4771699999
Expiration Date: 2009/03/25

Affiliation Records:
Site Id: 2004
Affiliation Type: Facility Owner
Company Name: ONESOURCE PROPERTY HOLDINGS, INC.
Contact Type: VICE PRESIDENT
Contact Name: PERRY J. GAID
Address1: 429 W. 53RD ST.
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019-5603
Country Code: 001
Phone: (770) 436-9900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/25/2006

Site Id: 2004
Affiliation Type: On-Site Operator
Company Name: ONE SOURCE PROPERTY HOLDINGS, INC.
Contact Type: Not reported
Contact Name: LUTHER BENSON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 408-6200
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/11/2006

Site Id: 2004
Affiliation Type: Emergency Contact
Company Name: ONESOURCE PROPERTY HOLDINGS, INC.
Contact Type: Not reported
Contact Name: PERRY GAID
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (770) 308-0519
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/11/2006

Site Id: 2004
Affiliation Type: Mail Contact

ONE SOURCE NY INC (Continued) **1000555828**

Company Name:	ONESOURCE MANAGEMENT, INC.
Contact Type:	Not reported
Contact Name:	PERRY GAID
Address1:	1600 PARKWOOD CIRCLE
Address2:	SUITE 400
City:	ATLANTA
State:	GA
Zip Code:	30339
Country Code:	001
Phone:	(770) 436-9900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2006

Tank Info:

Tank Number:	001
Tank Id:	3260
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
H04 - Tank Leak Detection - Groundwater Well
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	kxtang
Last Modified:	03/25/2004

HIST AST:

PBS Number:	2-084948
SWIS Code:	6201
Operator:	HUDSON-SHATZ PAINTING CO INC
Facility Phone:	(212) 757-6363
Facility Addr2:	429 W 53 STREET
Facility Type:	OTHER
Emergency:	BARRY MAHER
Emergency Tel:	(917) 632-0919

ONE SOURCE NY INC (Continued) **1000555828**

Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	HUDSON-SHATZ PAINTING CO INC
Owner Address:	429 W 53 STREET
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 757-6363
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	LYNN KAZIMIR
Mailing Name:	HUDSON-SHATZL PAINTING CO INC
Mailing Address:	429 W 53 STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 757-6363
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/27/1997
Expiration:	03/24/2002
Renew Flag:	False
Renew Date:	20011113
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	3
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported

ONE SOURCE NY INC (Continued) **1000555828**

Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

NY MANIFEST:
EPA ID: NYD986983732
Country: USA
Mailing Name: HUDSON SHATZ PAINT COMPANY INCORPORATED
Mailing Contact: DANIEL GREENBURG
Mailing Address: 429 WEST 53RD STREET
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: 5617
Mailing Country: USA
Mailing Phone: 212-757-6363

Document ID: NJA1356822
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 41446
Trans2 State ID: Not reported
Generator Ship Date: 921006
Trans1 Recv Date: 921006
Trans2 Recv Date: 921122
TSD Site Recv Date: 921223
Part A Recv Date: 921105
Part B Recv Date: 930128
Generator EPA ID: NYD986983732
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: NYD980769947
TSDF ID: KYD053348108
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00962
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NJA1949761
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 950104
Trans1 Recv Date: 950104
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950105
Part A Recv Date: 950117
Part B Recv Date: 950126

ONE SOURCE NY INC (Continued) **1000555828**

Generator EPA ID:	NYD986983732
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	01992
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01191
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00471
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA1356828
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921006
Trans1 Recv Date:	921006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921013
Part A Recv Date:	Not reported
Part B Recv Date:	921023
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F003 - UNKNOWN
Quantity:	00797
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	03161
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

ONE SOURCE NY INC (Continued) **1000555828**

Document ID:	NJA1196837
Manifest Status:	Completed copy
Trans1 State ID:	19088
Trans2 State ID:	Not reported
Generator Ship Date:	920722
Trans1 Recv Date:	920722
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920722
Part A Recv Date:	Not reported
Part B Recv Date:	920813
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	05058
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01993
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NJA4007530
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	Not reported
Generator Ship Date:	12/12/2001
Trans1 Recv Date:	12/12/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/13/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	D035 - METHYL ETHYL KETONE 200.0 MG/L TCLP
Quantity:	01374
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F001 - UNKNOWN
Quantity:	00522
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels

ONE SOURCE NY INC (Continued) **1000555828**

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 02315
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3212581
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 03/01/2001
Trans1 Recv Date: 03/01/2001
Trans2 Recv Date: 03/06/2001
TSD Site Recv Date: 03/06/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986983732
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01386
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3212760
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 05/16/2001
Trans1 Recv Date: 05/16/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/18/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986983732
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D035 - METHYL ETHYL KETONE 200.0 MG/L TCLP
Quantity: 00458
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

ONE SOURCE NY INC (Continued) **1000555828**

Year: 2001

Document ID: NJA3215557
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 07/26/2001
Trans1 Recv Date: 07/26/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/27/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986983732
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 03241
Units: P - Pounds
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3215558
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 07/26/2001
Trans1 Recv Date: 07/26/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/27/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986983732
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D035 - METHYL ETHYL KETONE 200.0 MG/L TCLP
Quantity: 00458
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3163442
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 05/16/2001
Trans1 Recv Date: 05/16/2001

ONE SOURCE NY INC (Continued) **1000555828**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/18/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	05056
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2001

Document ID:	NJA1429547
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920812
Trans1 Recv Date:	920812
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920817
Part A Recv Date:	Not reported
Part B Recv Date:	920910
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00632
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NJA1641196
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930416
Trans1 Recv Date:	930416
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930421
Part A Recv Date:	930511
Part B Recv Date:	930510
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	KYD053348108
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

ONE SOURCE NY INC (Continued) **1000555828**

Quantity:	01924
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	93

Document ID:	NJA1657651
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930107
Trans1 Recv Date:	930107
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930111
Part A Recv Date:	930115
Part B Recv Date:	930127
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01896
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00398
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NJA2146218
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPE086
Trans2 State ID:	Not reported
Generator Ship Date:	950824
Trans1 Recv Date:	950824
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950824
Part A Recv Date:	950911
Part B Recv Date:	950915
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	05058
Units:	P - Pounds

ONE SOURCE NY INC (Continued) **1000555828**

Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	02790
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01565
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2740769
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	08690
Generator Ship Date:	970806
Trans1 Recv Date:	970806
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970812
Part A Recv Date:	980918
Part B Recv Date:	970902
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	02528
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00796
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	ARA1146116
Manifest Status:	Not reported
Trans1 State ID:	PAR000501577
Trans2 State ID:	PAD146714878
Generator Ship Date:	05/14/2003

ONE SOURCE NY INC (Continued) **1000555828**

Trans1 Recv Date: 05/14/2003
Trans2 Recv Date: 05/16/2003
TSD Site Recv Date: 05/28/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986983732
Trans1 EPA ID: ARD069748192
Trans2 EPA ID: Not reported
TSDF ID: H0682NYPA
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00190
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2003

Document ID: NJA3022133
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCR000074591
Generator Ship Date: 01/20/2000
Trans1 Recv Date: 01/20/2000
Trans2 Recv Date: 01/27/2000
TSD Site Recv Date: 01/27/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986983732
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: NJDEP0869
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01362
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA3022170
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCR000074591
Generator Ship Date: 02/22/2000
Trans1 Recv Date: 02/22/2000
Trans2 Recv Date: 02/23/2000
TSD Site Recv Date: 02/23/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986983732
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690

ONE SOURCE NY INC (Continued) **1000555828**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	02004
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA3212759
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	10/25/2000
Trans1 Recv Date:	10/25/2000
Trans2 Recv Date:	10/31/2000
TSD Site Recv Date:	11/01/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01816
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA3212695
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	12/21/2000
Trans1 Recv Date:	12/21/2000
Trans2 Recv Date:	12/27/2000
TSD Site Recv Date:	12/27/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986983732
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	02270
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

ONE SOURCE NY INC (Continued) **1000555828**

Click this hyperlink while viewing on your computer to access
103 additional NY_MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:

Manifest Code:	NJA4117923
EPA ID:	NYD986983732
Date Shipped:	02/01/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/01/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/03/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03160621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported

ONE SOURCE NY INC (Continued) **1000555828**

Hand Code:	Not reported
Manifest Code:	NJA5272207
EPA ID:	NYD986983732
Date Shipped:	02/01/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/01/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/03/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03170621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

ONE SOURCE NY INC (Continued) **1000555828**

Manifest Code:	NJA4117946
EPA ID:	NYD986983732
Date Shipped:	03/08/2004
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/08/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/10/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04020421
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5121869

ONE SOURCE NY INC (Continued) **1000555828**

EPA ID:	NYD986983732
Date Shipped:	03/08/2004
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/08/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/10/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04050422
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5067124
EPA ID:	NYD986983732

ONE SOURCE NY INC (Continued) **1000555828**

Date Shipped:	08/03/2004
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/03/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/05/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	08300422
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5206085
EPA ID:	NYD986983732
Date Shipped:	11/17/2004

ONE SOURCE NY INC (Continued) **1000555828**

TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	11/17/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	11/18/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	01110521
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5272320
EPA ID:	NYD986983732
Date Shipped:	12/13/2005
TSDF EPA ID:	NJD002200046

ONE SOURCE NY INC (Continued) **1000555828**

Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/13/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/14/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	01300621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5272322
EPA ID:	NYD986983732
Date Shipped:	12/21/2005
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047

ONE SOURCE NY INC (Continued) **1000555828**

Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/21/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/23/2005
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02230625
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	000012550GBF
EPA ID:	NYD986983732
Date Shipped:	01/23/2007
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported

ONE SOURCE NY INC (Continued) **1000555828**

Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/23/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/24/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	U080
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	40
Unit:	P
Hand Code:	H14

Manifest Code:	000012598GBF
EPA ID:	NYD986983732
Date Shipped:	01/23/2007
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported

ONE SOURCE NY INC (Continued) **1000555828**

Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/23/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/24/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D002
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	15
Unit:	P
Hand Code:	H14
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	15
Unit:	P
Hand Code:	H14
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	2400
Unit:	P

ONE SOURCE NY INC (Continued) **1000555828**

Hand Code: H06

Waste Code: D002
Manifest Year: 2007 New Jersey Manifest Data
Quantity: 80
Unit: P
Hand Code: H14

U241 **EDR US Hist Auto Stat** **1015578578**
WNW **618 W 52ND ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.149 mi.
787 ft. **Site 1 of 7 in cluster U**

Relative:
Lower

Actual:
19 ft.

EDR Historical Auto Stations:
Name: AUTO REPAIR MANHATTAN NYC VW
Year: 2012
Address: 618 W 52ND ST

V242 **450 WEST 50 STREET** **NY AST** **U003384577**
SSE **450 WEST 50 ST** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.150 mi.
792 ft. **Site 1 of 6 in cluster V**

Relative:
Higher

Actual:
43 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-113794
Program Type: PBS
UTM X: 585244.49890000001
UTM Y: 4513063.5599199999
Expiration Date: 2009/04/08

Affiliation Records:
Site Id: 3682
Affiliation Type: Mail Contact
Company Name: PRIME CROSSTOWN HOLDINGS, LLC
Contact Type: Not reported
Contact Name: DAISY TERRANOVA
Address1: 139A HAVEN AVE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10032
Country Code: 001
Phone: (212) 543-1400 X226
EMail: Not reported
Fax Number: Not reported
Modified By: ejcalifa
Date Last Modified: 4/8/2004

Site Id: 3682
Affiliation Type: On-Site Operator

450 WEST 50 STREET (Continued) **U003384577**

Company Name:	450 WEST 50 STREET
Contact Type:	Not reported
Contact Name:	GREGARIO RODRIGUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 616-0074
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ejcalifa
Date Last Modified:	4/8/2004

Site Id:	3682
Affiliation Type:	Emergency Contact
Company Name:	PRIME CROSSTOWN HOLDINGS, LLC
Contact Type:	Not reported
Contact Name:	EMILIANA CABRERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 543-2515
EMail:	Not reported
Fax Number:	Not reported
Modified By:	cgfreedm
Date Last Modified:	4/8/2004

Site Id:	3682
Affiliation Type:	Facility Owner
Company Name:	PRIME CROSSTOWN HOLDINGS, LLC
Contact Type:	MEMBER
Contact Name:	HOWARD SCHWADE
Address1:	139A HAVEN AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10032
Country Code:	001
Phone:	(212) 543-1400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ejcalifa
Date Last Modified:	4/8/2004

Tank Info:

Tank Number:	001
Tank Id:	4013
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

450 WEST 50 STREET (Continued) **U003384577**

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H05 - Tank Leak Detection - In-Tank System (ATG)
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	ejcalifa
Last Modified:	04/08/2004

HIST AST:

PBS Number:	2-113794
SWIS Code:	6201
Operator:	GROVER WHITE
Facility Phone:	(212) 246-5957
Facility Addr2:	450 WEST 50 ST
Facility Type:	APARTMENT BUILDING
Emergency:	SAL COLOSSI
Emergency Tel:	(609) 490-1037
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	450 50TH STREET ASSOCIATES L.P.
Owner Address:	400 E. 54TH STREET
Owner City,St,Zip:	NEW YORK, NY 10022
Federal ID:	Not reported
Owner Tel:	(212) 593-3901
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	SAL COLOSSI
Mailing Name:	450 50TH STREET ASSOCIATES L.P.
Mailing Address:	C/O KANE HOLDING CORP.
Mailing Address 2:	400 E. 54TH STREET
Mailing City,St,Zip:	NEW YORK, NY 10022
Mailing Telephone:	(212) 593-3901
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	02/28/1997

450 WEST 50 STREET (Continued) **U003384577**

Expiration:	03/24/2002
Renew Flag:	False
Renew Date:	20011113
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

Q243 **441 W 51ST ST** **NY AST** **U003389955**
SE **441 W 51ST ST** **NY HIST AST** **N/A**
1/8-1/4 **NY, NY 10019**
0.151 mi.
797 ft. **Site 3 of 5 in cluster Q**

Relative:
Higher

Actual:
46 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-258636
Program Type:	PBS
UTM X:	585309.56139000005
UTM Y:	4513131.4766699998
Expiration Date:	2017/08/17

441 W 51ST ST (Continued) **U003389955**

Affiliation Records:

Site Id:	10721
Affiliation Type:	Facility Owner
Company Name:	MAUTNER-GLICK CORP
Contact Type:	PROPERTY MANAGER
Contact Name:	PETER CAMILLERI
Address1:	1345 THIRD AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 288-1999
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXAJOKU
Date Last Modified:	3/14/2012

Site Id:	10721
Affiliation Type:	Mail Contact
Company Name:	MAUTNER-GLICK CORP
Contact Type:	Not reported
Contact Name:	RANDY E. GLICK
Address1:	1345 THIRD AVE
Address2:	2ND FL
City:	NEW YORK
State:	NY
Zip Code:	10075
Country Code:	001
Phone:	(212) 288-1999
EMail:	INFO@MAUNTERGLICK.COM
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	11/8/2012

Site Id:	10721
Affiliation Type:	On-Site Operator
Company Name:	441 W 51ST ST
Contact Type:	Not reported
Contact Name:	JEFF JANUZI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 998-4241
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	11/8/2012

Site Id:	10721
Affiliation Type:	Emergency Contact
Company Name:	MAUTNER-GLICK CORP
Contact Type:	Not reported
Contact Name:	MAUTNER-GLICK CORP- R GLICK

441 W 51ST ST (Continued) **U003389955**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 288-9719
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	11/8/2012

Tank Info:

Tank Number:	001
Tank Id:	18051
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/01/1986
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-258636
SWIS Code:	6201
Operator:	MAUTNER-GLICK CORP
Facility Phone:	(212) 288-1999
Facility Addr2:	441 W 51ST ST
Facility Type:	APARTMENT BUILDING
Emergency:	MAUTNER-GLICK CORP- R GLICK
Emergency Tel:	(212) 288-1999
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported

441 W 51ST ST (Continued) **U003389955**

Result of Inspection:	Not reported
Owner Name:	MAUTNER-GLICK CORP
Owner Address:	1345 THIRD AVE
Owner City,St,Zip:	NY, NY 10021
Federal ID:	Not reported
Owner Tel:	(212) 288-1999
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	MAUTNER-GLICK CORP
Mailing Address:	1345 THIRD AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10021
Mailing Telephone:	(212) 288-1999
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/06/1997
Expiration:	08/17/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19861101
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Epoxy Liner
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported

441 W 51ST ST (Continued) **U003389955**

Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

U244 **COLUMBIA JOE** **RCRA NonGen / NLR** **1000425747**
WNW **620 W 52ND ST** **FINDS** **NYD125830190**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.152 mi.
800 ft. **Site 2 of 7 in cluster U**

Relative:
Lower

Actual:
18 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: COLUMBIA JOE
Facility address: 620 W 52ND ST
NEW YORK, NY 100195013
EPA ID: NYD125830190
Mailing address: W 52ND ST
NEW YORK, NY 10019
Contact: Not reported
Contact address: W 52ND ST
NEW YORK, NY 10019
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: BAHARY & CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BAHARY & CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

COLUMBIA JOE (Continued) **1000425747**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: COLUMBIA JOE
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: COLUMBIA JOE
Classification: Not a generator, verified

Date form received by agency: 12/12/1986
Facility name: COLUMBIA JOE
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004382196

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYD125830190
Country: USA
Mailing Name: COLUMBIA JOE
Mailing Contact: COLUMBIA JOE
Mailing Address: 620 WEST 52ND ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-757-0996

Document ID: NJA1356017
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported

COLUMBIA JOE (Continued) **1000425747**

Generator Ship Date:	921020
Trans1 Recv Date:	921020
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921020
Part A Recv Date:	921214
Part B Recv Date:	921109
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1412672
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920910
Trans1 Recv Date:	920910
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920910
Part A Recv Date:	921020
Part B Recv Date:	920922
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA0706858
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891214
Trans1 Recv Date:	891214
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891214
Part A Recv Date:	900315
Part B Recv Date:	891227
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported

COLUMBIA JOE (Continued) **1000425747**

TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA1420690
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920707
Trans1 Recv Date:	920707
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920707
Part A Recv Date:	920807
Part B Recv Date:	920715
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00113
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1423480
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920729
Trans1 Recv Date:	920729
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920729
Part A Recv Date:	920824
Part B Recv Date:	920812
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

COLUMBIA JOE (Continued) **1000425747**

Document ID:	NJA1425466
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920929
Trans1 Recv Date:	920929
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920929
Part A Recv Date:	921020
Part B Recv Date:	921008
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1457337
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920817
Trans1 Recv Date:	920817
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920817
Part A Recv Date:	921020
Part B Recv Date:	920826
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1643151
Manifest Status:	Completed copy

COLUMBIA JOE (Continued) **1000425747**

Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930324
Trans1 Recv Date:	930324
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930324
Part A Recv Date:	930430
Part B Recv Date:	930405
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00008
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NJA1657602
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930121
Trans1 Recv Date:	930121
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930121
Part A Recv Date:	930310
Part B Recv Date:	930203
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00008
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Document ID:	NJA2097220
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950503
Trans1 Recv Date:	950503
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950503
Part A Recv Date:	Not reported
Part B Recv Date:	950515
Generator EPA ID:	NYD125830190

COLUMBIA JOE (Continued) **1000425747**

Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00007
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NJA0280670
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 870430
Trans1 Recv Date: 870430
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870430
Part A Recv Date: 870512
Part B Recv Date: 870624
Generator EPA ID: NYD125830190
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00080
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 87

Document ID: NJA1118925
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 910306
Trans1 Recv Date: 910306
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910306
Part A Recv Date: 910411
Part B Recv Date: 910314
Generator EPA ID: NYD125830190
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00086
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.

COLUMBIA JOE (Continued) **1000425747**

Specific Gravity: 100
Year: 91

Document ID: NJA0802884
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900706
Trans1 Recv Date: 900706
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900706
Part A Recv Date: 910204
Part B Recv Date: 900725
Generator EPA ID: NYD125830190
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00086
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Document ID: NJA1205602
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 910603
Trans1 Recv Date: 910603
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910603
Part A Recv Date: 910821
Part B Recv Date: 910617
Generator EPA ID: NYD125830190
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00086
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 91

Document ID: NJA0985997
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 910111

COLUMBIA JOE (Continued) **1000425747**

Trans1 Recv Date:	910111
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910111
Part A Recv Date:	910507
Part B Recv Date:	910129
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	91

Document ID:	NJA1084855
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	910221
Trans1 Recv Date:	910221
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910221
Part A Recv Date:	910507
Part B Recv Date:	910308
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	91

Document ID:	NJA1081172
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	901128
Trans1 Recv Date:	901128
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	901128
Part A Recv Date:	910411
Part B Recv Date:	901228
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093

COLUMBIA JOE (Continued) **1000425747**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00086
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA1622412
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930607
Trans1 Recv Date:	930607
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930607
Part A Recv Date:	930714
Part B Recv Date:	930621
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00004
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	011
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00010
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Document ID:	NJA1739717
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	931014
Trans1 Recv Date:	931014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	931014
Part A Recv Date:	931122
Part B Recv Date:	931104
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00016

COLUMBIA JOE (Continued) **1000425747**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Document ID:	NJA1740257
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930901
Trans1 Recv Date:	930901
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930901
Part A Recv Date:	931019
Part B Recv Date:	930929
Generator EPA ID:	NYD125830190
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00004
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00015
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Click this hyperlink while viewing on your computer to access
42 additional NY_MANIFEST: record(s) in the EDR Site Report.

U245 **EDR US Hist Auto Stat** **1015579610**
WNW **620 W 52ND ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.152 mi.
800 ft. **Site 3 of 7 in cluster U**

Relative:
Lower

Actual:
18 ft.

EDR Historical Auto Stations:

Name:	UNITED NY AUTO SERVICE INC
Year:	2005
Address:	620 W 52ND ST
Name:	UNITED NY AUTO SERVICE CORP
Year:	2006
Address:	620 W 52ND ST
Name:	UNITED NY AUTO SERVICE CORP
Year:	2007

(Continued) **1015579610**

Address: 620 W 52ND ST

Name: UNITED NY AUTO
Year: 2008
Address: 620 W 52ND ST

Name: UNITED NY AUTO SERVICE INC
Year: 2009
Address: 620 W 52ND ST

Name: UNITED NY AUTO SVC
Year: 2010
Address: 620 W 52ND ST

W246 **CON EDISON** **NY MANIFEST** **S112210800**
SSW **519 W 49 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.153 mi.
810 ft. **Site 1 of 10 in cluster W**

Relative:
Lower

Actual:
20 ft.

NY MANIFEST:
EPA ID: NYP004269932
Country: USA
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-09-21
Trans1 Recv Date: 2012-09-21
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-09-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004269932
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 1500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 010457148JJK

CON EDISON (Continued) **S112210800**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269932
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457148JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

N247 **ASHLAND EQUITIES CO** **NY AST** **U003385174**
SSW **525-527 WEST 49TH ST** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.153 mi.
810 ft. **Site 8 of 9 in cluster N**

Relative:
Higher

Actual:
22 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-098159
Program Type:	PBS
UTM X:	584988.44272000005
UTM Y:	4513085.4216099996
Expiration Date:	N/A

Affiliation Records:

Site Id:	2845
Affiliation Type:	On-Site Operator
Company Name:	ASH 49, LLC
Contact Type:	Not reported
Contact Name:	MIQUEL FERREIRA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 731-4193
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2/8/2013

Site Id:	2845
Affiliation Type:	Emergency Contact
Company Name:	ASHLAND EQ CO
Contact Type:	Not reported
Contact Name:	MARIO LINARES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 974-9247
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	2845
Affiliation Type:	Mail Contact
Company Name:	ASH 49, LLC
Contact Type:	Not reported
Contact Name:	CHRISTINE JENNINGS
Address1:	165 WEST 73RD STREET
Address2:	Not reported
City:	NEW YORK
State:	NY

ASHLAND EQUITIES CO (Continued) **U003385174**

Zip Code:	10023
Country Code:	001
Phone:	(212) 595-5565
EMail:	CJENNINGS@SACKMAN.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/20/2013

Site Id:	2845
Affiliation Type:	Facility Owner
Company Name:	ASH 49, LLC
Contact Type:	MGR
Contact Name:	CHRISTINE JENNINGS
Address1:	165 WEST 73RD ST
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 595-5565
EMail:	CJENNINGS@SACKMAN.COM
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2/8/2013

Tank Info:

Tank Number:	010
Tank Id:	5179
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1966
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/09/2013
Register:	True
Modified By:	NRLOMBAR
Last Modified:	03/18/2013

ASHLAND EQUITIES CO (Continued) **U003385174**

HIST AST:

PBS Number:	2-098159
SWIS Code:	6201
Operator:	ASHLAND EQ CO
Facility Phone:	(212) 877-6611
Facility Addr2:	525 WEST 49TH ST
Facility Type:	APARTMENT BUILDING
Emergency:	FAUSTINO SORIANO
Emergency Tel:	(212) 262-0980
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	ASHLAND EQ CO
Owner Address:	165 WEST 73RD ST
Owner City,St,Zip:	NEW YORK, NY 10023
Federal ID:	Not reported
Owner Tel:	(212) 877-6611
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	FRANCES BLAKE
Mailing Name:	ASHLAND EQ CO
Mailing Address:	165 WEST 73RD ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10023
Mailing Telephone:	(212) 877-6611
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	05/30/1997
Expiration:	05/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	010
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported

ASHLAND EQUITIES CO (Continued) **U003385174**

Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

W248 **545 OPERATING CORPORATION** **NY AST** **A100076448**
SSW **545 WEST 49TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.154 mi.
811 ft. **Site 2 of 10 in cluster W**

Relative:
Higher

Actual:
25 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-305812
Program Type:	PBS
UTM X:	584972.55082999996
UTM Y:	4513133.59607
Expiration Date:	2013/12/03

Affiliation Records:

Site Id:	13989
Affiliation Type:	Mail Contact
Company Name:	541 OPERATING CORPORATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	185 SHERMON AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 567-1400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13989
Affiliation Type:	On-Site Operator
Company Name:	545 OPERATING CORPORATION
Contact Type:	Not reported
Contact Name:	MARCOS ROSALES
Address1:	Not reported
Address2:	Not reported

545 OPERATING CORPORATION (Continued) **A100076448**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 977-3756
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13989
Affiliation Type:	Emergency Contact
Company Name:	541 OPERATING CORPORATION
Contact Type:	Not reported
Contact Name:	HECTOR MEDERO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-1400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13989
Affiliation Type:	Facility Owner
Company Name:	541 OPERATING CORPORATION
Contact Type:	AGENT
Contact Name:	541 OPERATING
Address1:	185 SHERMON AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 567-1400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/18/2008

Tank Info:

Tank Number:	001
Tank Id:	16366
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

545 OPERATING CORPORATION (Continued) **A100076448**

L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/30/1930
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	09/18/2008

W249 **EDR US Hist Auto Stat** **1015548724**
SW **547 W 49TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.154 mi.
811 ft. **Site 3 of 10 in cluster W**

Relative:
Higher

Actual:
26 ft.

EDR Historical Auto Stations:

Name:	PRIMOS AUTO SERVICE
Year:	2001
Address:	547 W 49TH ST
Name:	PRIMOS AUTO SERVICE
Year:	2002
Address:	547 W 49TH ST
Name:	ACC CAR CARE CTR
Year:	2004
Address:	547 W 49TH ST
Name:	PRIMOS AUTO SERVICE INC
Year:	2011
Address:	547 W 49TH ST
Name:	PRIMOS AUTO SERVICE INC
Year:	2012
Address:	547 W 49TH ST

X250
NE
1/8-1/4
0.154 mi.
812 ft.

HARBORVIEW TERRACE (AMSTERDAM HOUSES)
520 WEST 55TH STREET
NEW YORK, NY 10019

Site 1 of 2 in cluster X

NY UST **U000410829**
NY HIST UST **N/A**
NY AST
NY HIST AST

Relative:
Higher

Actual:
39 ft.

UST:

Id/Status:	2-475440 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2014/03/28
UTM X:	585320.10225
UTM Y:	4513564.7999400003

Affiliation Records:

Site Id:	21003
Affiliation Type:	On-Site Operator
Company Name:	HARBORVIEW TERRACE (AMSTERDAM HOUSES)
Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION UNIT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/17/2008

Site Id:	21003
Affiliation Type:	Facility Owner
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	\\
Contact Name:	Not reported
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/31/2013

Site Id:	21003
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION COORDINATOR
Address1:	23-02 49TH AVENUE
Address2:	TECH SERVS DEPT - 5TH FLOOR
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101

HARBORVIEW TERRACE (AMSTERDAM HOUSES) (Continued) **U000410829**

Country Code:	001
Phone:	(718) 707-5725
EMail:	RALPH.TROCCHIO@NYCHA.NYC.GOV
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/6/2012

Site Id:	21003
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICES DEPARTMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 707-5900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	9/30/2011

Tank Info:

Tank Number:	1
Tank ID:	64261
Tank Status:	In Service
Capacity Gallons:	15000
Install Date:	10/01/2002
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	0
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	E
Modified By:	NRLOMBAR
Last Modified:	12/17/2008

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D11 - Pipe Type - Flexible Piping
F05 - Pipe External Protection - Jacketed
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

HARBORVIEW TERRACE (AMSTERDAM HOUSES) (Continued) **U000410829**

B09 - Tank External Protection - Urethane
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number:	OLD 1
Tank ID:	37804
Tank Status:	Closed - Removed
Capacity Gallons:	30000
Install Date:	06/01/1977
Date Tank Closed:	09/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	04/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

HIST UST:

PBS Number:	2-475440
SPDES Number:	Not reported
Emergency Contact:	EMERGENCY SERVICE SQUAD
Emergency Telephone:	(212) 289-3940
Operator:	LUIS PONCE
Operator Telephone:	(718) 707-5725
Owner Name:	NYC HOUSING AUTHORITY
Owner Address:	23-02 49TH AVENUE
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Owner Telephone:	(718) 707-5725
Owner Type:	Local Government
Owner Subtype:	51
Mailing Name:	NYC HOUSING AUTHORITY
Mailing Address:	23-02 49TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Contact:	LUIS PONCE
Mailing Telephone:	(718) 707-5725
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is

HARBORVIEW TERRACE (AMSTERDAM HOUSES) (Continued) **U000410829**

greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2:	525 WEST 55TH STREET (MGMT OFFICE)
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	04/27/2001
Expiration Date:	03/28/2004
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	50000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	1
Tank Location:	UNDERGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	19770601
Capacity (gals):	30000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Wrapped (Piping)
Second Containment:	Not reported
Leak Detection:	Not reported
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	04/01/1992
Next Test Date:	04/01/1997
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active

HARBORVIEW TERRACE (AMSTERDAM HOUSES) (Continued) **U000410829**

Facility Id:	2-475440
Program Type:	PBS
UTM X:	585320.10225
UTM Y:	4513564.7999400003
Expiration Date:	2014/03/28

Affiliation Records:

Site Id:	21003
Affiliation Type:	On-Site Operator
Company Name:	HARBORVIEW TERRACE (AMSTERDAM HOUSES)
Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION UNIT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/17/2008

Site Id:	21003
Affiliation Type:	Facility Owner
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	\\
Contact Name:	Not reported
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/31/2013

Site Id:	21003
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION COORDINATOR
Address1:	23-02 49TH AVENUE
Address2:	TECH SERVS DEPT - 5TH FLOOR
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	RALPH.TROCCHIO@NYCHA.NYC.GOV
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/6/2012

HARBORVIEW TERRACE (AMSTERDAM HOUSES) (Continued) **U000410829**

Site Id:	21003
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICES DEPARTMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 707-5900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	9/30/2011

Tank Info:

Tank Number:	T-1
Tank Id:	60320
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I03 - Overfill - Automatic Shut-Off

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/01/1998
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/2002
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-475440
SWIS Code:	6201
Operator:	LUIS PONCE
Facility Phone:	(718) 707-5725
Facility Addr2:	525 WEST 55TH STREET (MGMT OFFICE)
Facility Type:	APARTMENT BUILDING

HARBORVIEW TERRACE (AMSTERDAM HOUSES) (Continued) **U000410829**

Emergency:	EMERGENCY SERVICE SQUAD
Emergency Tel:	(212) 289-3940
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NYC HOUSING AUTHORITY
Owner Address:	23-02 49TH AVENUE
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 707-5725
Owner Type:	Local Government
Owner Subtype:	51
Mailing Contact:	LUIS PONCE
Mailing Name:	NYC HOUSING AUTHORITY
Mailing Address:	23-02 49TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 707-5725
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	04/27/2001
Expiration:	03/28/2004
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	50000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	T-1
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19981001
Capacity (Gal):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Epoxy Liner
Pipe External:	Not reported
Tank Containment:	Vault (w/access)
Leak Detection:	Not reported
Overfill Protection:	34
Dispenser Method:	Suction

HARBORVIEW TERRACE (AMSTERDAM HOUSES) (Continued) **U000410829**

Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

N251 **533 W 49ST** **NY AST** **U003389506**
SSW **533 W 49ST** **NY HIST AST** **N/A**
1/8-1/4 **NY, NY 10023**
0.154 mi.
813 ft. **Site 9 of 9 in cluster N**

Relative:
Higher

Actual:
23 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Facility Id:	2-196835
Program Type:	PBS
UTM X:	584997.95071999996
UTM Y:	4513119.6770500001
Expiration Date:	N/A

Affiliation Records:

Site Id:	6439
Affiliation Type:	Facility Owner
Company Name:	49 W REALTY CO C/O E EISENSTEI
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1841 BROADWAY
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 852-9080
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6439
Affiliation Type:	Mail Contact
Company Name:	EASTGATE REALTY CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	750 5TH AVE, 97TH FLOOR
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 852-9080
EMail:	Not reported
Fax Number:	Not reported

533 W 49ST (Continued) **U003389506**

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6439
Affiliation Type: On-Site Operator
Company Name: 533 W 49ST
Contact Type: Not reported
Contact Name: ROBERTO DE LA ROSA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 582-9080
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6439
Affiliation Type: Emergency Contact
Company Name: 49 W REALTY CO C/O E EISENSTEI
Contact Type: Not reported
Contact Name: DAVIS EISENSTEIN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 582-9080
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 16832
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron

533 W 49ST (Continued) **U003389506**

Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-196835
SWIS Code:	6201
Operator:	ROBERTO DE LA ROSA
Facility Phone:	(212) 582-9080
Facility Addr2:	Not reported
Facility Type:	Not reported
Emergency:	DAVIS EISENSTEIN
Emergency Tel:	(212) 582-9080
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	49 W REALTY CO C/O E EISENSTEI
Owner Address:	1841 BROADWAY
Owner City,St,Zip:	NY, NY 10023
Federal ID:	Not reported
Owner Tel:	(212) 852-9080
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	EASTGATE REALTY CORP
Mailing Address:	750 5TH AVE, 97TH FLOOR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10019
Mailing Telephone:	(212) 852-9080
Owner Mark:	First Owner
Facility Status:	3 - Administratively closed (reasons include business is closed and/or mail is undeliverable, and staff cannot check if tanks were removed; or a duplicate registration was generated).
Certification Flag:	False
Certification Date:	07/20/1987
Expiration:	07/20/1992
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	True
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01

533 W 49ST (Continued) **U003389506**

Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	Undefined
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	07/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

252
NNE
1/8-1/4
0.154 mi.
815 ft.

POTAMKIN CADILLAC INC. **NY HIST UST** **U003074591**
550-552 WEST 56TH STREET **NY HIST AST** **N/A**
NEW YORK, NY 10019

Relative:
Lower

Actual:
19 ft.

HIST UST:

PBS Number:	2-405450
SPDES Number:	Not reported
Emergency Contact:	GEORGE SPALCINA
Emergency Telephone:	(212) 708-3102
Operator:	JOHN JHONSON
Operator Telephone:	(212) 708-3180
Owner Name:	POTAMKIN CADILLAC/ROCCO DELPRIORI
Owner Address:	798 11TH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 708-3102
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	POTAMKIN CADILLAC/ROCCO DELPRIORI
Mailing Address:	798 11TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	GEORGE SPALLINA
Mailing Telephone:	(212) 708-3102
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

POTAMKIN CADILLAC INC. (Continued) **U003074591**

Facility Addr2:	798 11TH AVENUE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/20/2001
Expiration Date:	12/14/2007
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	16375
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	01
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	10000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	04/01/1998
Next Test Date:	04/01/2003
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

HIST AST:

PBS Number:	2-405450
SWIS Code:	6201
Operator:	JOHN JHONSON
Facility Phone:	(212) 708-3180
Facility Addr2:	798 11TH AVENUE

POTAMKIN CADILLAC INC. (Continued) **U003074591**

Facility Type:	OTHER
Emergency:	GEORGE SPALCINA
Emergency Tel:	(212) 708-3102
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	POTAMKIN CADILLAC/ROCCO DELPRIORI
Owner Address:	798 11TH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 708-3102
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	GEORGE SPALLINA
Mailing Name:	POTAMKIN CADILLAC/ROCCO DELPRIORI
Mailing Address:	798 11TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 708-3102
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/20/2001
Expiration:	12/14/2007
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	16375
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	002
Tank Location:	ABOVEGROUND
Tank Status:	Tank Converted To Non-Regulated Use
Install Date:	Not reported
Capacity (Gal):	1000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	46

POTAMKIN CADILLAC INC. (Continued) **U003074591**

Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 08/01/1996
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 02
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 5000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: Not reported
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 0
Tank Containment: None
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 03
Tank Location: ABOVEGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (Gal): 1000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 51
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 0
Tank Containment: None
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction

POTAMKIN CADILLAC INC. (Continued) **U003074591**

Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	07/01/2001
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	04
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	05
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported

POTAMKIN CADILLAC INC. (Continued) **U003074591**

Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	06
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	275
Product Stored:	USED OIL (FUEL)
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	07
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	275
Product Stored:	USED OIL (FUEL)
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported

POTAMKIN CADILLAC INC. (Continued) **U003074591**

Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	08
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

W253 **EDR US Hist Auto Stat** **1015547119**
SSW **542 W 49TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.155 mi.
821 ft. **Site 4 of 10 in cluster W**

Relative:
Higher

Actual:
25 ft.

EDR Historical Auto Stations:

Name:	AAA ABLE AUTO REPAIR
Year:	2001
Address:	542 W 49TH ST

Name:	JAMIL AUTO REPAIR SHOP CORP
Year:	2002
Address:	542 W 49TH ST

Name:	JAMIL BASHIR AUTO CORP
Year:	2003
Address:	542 W 49TH ST

Name:	JAMIL BASHIR AUTO CORP
Year:	2004
Address:	542 W 49TH ST

(Continued) **1015547119**

Name: BNY AUTO TECH INC
Year: 2008
Address: 542 W 49TH ST

Name: BASHIR JAMIL AUTO CORP
Year: 2009
Address: 542 W 49TH ST

Name: NYC AUTO REPAIR & TOWING
Year: 2011
Address: 542 W 49TH ST

Name: NYC AUTO REPAIR & TOWING
Year: 2012
Address: 542 W 49TH ST

W254 **DANNY'S TOWING INC.** **NY AST** **A100348627**
SSW **542 WEST 49TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.155 mi.
821 ft. **Site 5 of 10 in cluster W**

Relative:
Higher

Actual:
25 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-611208
Program Type: PBS
UTM X: 584924.12433999998
UTM Y: 4513118.8046199996
Expiration Date: 2014/11/17

Affiliation Records:
Site Id: 421888
Affiliation Type: Facility Owner
Company Name: DANNY PARYENTE
Contact Type: Not reported
Contact Name: Not reported
Address1: 346 EAST 54TH ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: (917) 399-8975
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/17/2009

Site Id: 421888
Affiliation Type: Mail Contact
Company Name: DANNYS TOWING INC.
Contact Type: Not reported
Contact Name: DANNY PARYENTE
Address1: 542 WEST 49TH STREET
Address2: Not reported
City: NEW YORK

DANNY'S TOWING INC. (Continued) **A100348627**

State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 348-2885
EMail: MOBARNES123@YAHOO.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/17/2009

Site Id: 421888
Affiliation Type: On-Site Operator
Company Name: DANNYS TOWING INC.
Contact Type: Not reported
Contact Name: DANNY PARYENTE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 348-2885
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/17/2009

Site Id: 421888
Affiliation Type: Emergency Contact
Company Name: DANNY PARYENTE
Contact Type: Not reported
Contact Name: DANNY PARYENTE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 399-8975
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/17/2009

Tank Info:

Tank Number: 545
Tank Id: 231630
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping

DANNY'S TOWING INC. (Continued) **A100348627**

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
A01 - Tank Internal Protection - Epoxy Liner
D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
J01 - Dispenser - Pressurized Dispenser

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/2009
Capacity Gallons:	100
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	11/17/2009

W255 **AMERICAN REDCROSS IN GREATER NY** **NY UST** **U004118620**
SSW **514 WEST 49TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.155 mi.
821 ft. **Site 6 of 10 in cluster W**

Relative:
Lower

Actual:
20 ft.

UST:

Id/Status:	2-045381 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2015/06/22
UTM X:	585043.29987999995
UTM Y:	4513081.3407300003

Affiliation Records:

Site Id:	563
Affiliation Type:	Mail Contact
Company Name:	AMERICAN REDCROSS IN GREATER NY
Contact Type:	Not reported
Contact Name:	VERNON DE SILVA
Address1:	514 WEST 49TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 875-2071
EMail:	DESILVA@NYREDCROSS.ORG
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	6/17/2010

Site Id:	563
Affiliation Type:	On-Site Operator
Company Name:	AMERICAN REDCROSS IN GREATER NY
Contact Type:	Not reported

AMERICAN REDCROSS IN GREATER NY (Continued) **U004118620**

Contact Name:	EJAZ RASHEED
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 875-2071
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/27/2009

Site Id:	563
Affiliation Type:	Emergency Contact
Company Name:	AMERICAN REDCROSS IN GREATER NY
Contact Type:	Not reported
Contact Name:	VERNON DE SILVA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 879-9903
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/27/2009

Site Id:	563
Affiliation Type:	Facility Owner
Company Name:	AMERICAN REDCROSS IN GREATER NY
Contact Type:	ENGR
Contact Name:	VERNON DE SILVA
Address1:	514 WEST 49TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 875-2218
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/27/2009

Tank Info:

Tank Number:	002
Tank ID:	221887
Tank Status:	In Service
Capacity Gallons:	1000
Install Date:	05/23/2006
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground

AMERICAN REDCROSS IN GREATER NY (Continued) **U004118620**

Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 03/07/2008

Equipment Records:

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: 004
Tank ID: 221889
Tank Status: In Service
Capacity Gallons: 1000
Install Date: 05/23/2006
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 03/07/2008

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off

AMERICAN REDCROSS IN GREATER NY (Continued) **U004118620**

F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

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W256 **US POSTAL SERVICE - VEH MAINT FACIL** **RCRA NonGen / NLR** **1004756139**
SSW **514 W 49TH ST** **FINDS** **NY5180000759**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.155 mi.
821 ft. **Site 7 of 10 in cluster W**

Relative:
Lower

Actual:
20 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	US POSTAL SERVICE - VEH MAINT FACIL
Facility address:	514 W 49TH ST NEW YORK, NY 100199998
EPA ID:	NY5180000759
Mailing address:	11TH AVE NEW YORK, NY 101999721
Contact:	JOHN SHEMACK
Contact address:	11TH AVE NEW YORK, NY 101999721
Contact country:	US
Contact telephone:	(212) 315-5693
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	REAL ESTATE INDUSTRIAL
Owner/operator address:	10 ROCKEFELLER PLZ NEW YORK, NY 10020
Owner/operator country:	US
Owner/operator telephone:	(212) 956-8710
Legal status:	Federal
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

Owner/operator name:	REAL ESTATE INDUSTRIAL
Owner/operator address:	10 ROCKEFELLER PLZ NEW YORK, NY 10020
Owner/operator country:	US
Owner/operator telephone:	(212) 956-8710
Legal status:	Federal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

US POSTAL SERVICE - VEH MAINT FACIL (Continued) **1004756139**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: US POSTAL SERVICE - VEH MAINT FACIL
Classification: Not a generator, verified

Date form received by agency: 09/16/2005
Facility name: US POSTAL SERVICE - VEH MAINT FACIL
Classification: Not a generator, verified

Date form received by agency: 07/30/2003
Facility name: US POSTAL SERVICE - VEH MAINT FACIL
Classification: Not a generator, verified

Date form received by agency: 11/01/1994
Facility name: US POSTAL SERVICE - VEH MAINT FACIL
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004325828

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NY5180000759
Country: USA
Mailing Name: US POSTAL SVC
Mailing Contact: JOHN SHEMACK
Mailing Address: 514 W 49TH
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10199
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-315-5693

US POSTAL SERVICE - VEH MAINT FACIL (Continued) **1004756139**

Document ID:	NJA2063910
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950301
Trans1 Recv Date:	950301
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950301
Part A Recv Date:	Not reported
Part B Recv Date:	950309
Generator EPA ID:	NY5180000759
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00018
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2150400
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950420
Trans1 Recv Date:	950420
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950420
Part A Recv Date:	950502
Part B Recv Date:	950505
Generator EPA ID:	NY5180000759
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2089514
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950711
Trans1 Recv Date:	950711
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950711
Part A Recv Date:	950719

US POSTAL SERVICE - VEH MAINT FACIL (Continued) **1004756139**

Part B Recv Date:	950725
Generator EPA ID:	NY5180000759
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2208034
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	951006
Trans1 Recv Date:	951006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951006
Part A Recv Date:	951020
Part B Recv Date:	951024
Generator EPA ID:	NY5180000759
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00016
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2642916
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	960903
Trans1 Recv Date:	960903
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960903
Part A Recv Date:	960913
Part B Recv Date:	960924
Generator EPA ID:	NY5180000759

US POSTAL SERVICE - VEH MAINT FACIL (Continued) **1004756139**

Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96

Document ID: NJA2517677
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 960613
Trans1 Recv Date: 960613
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960613
Part A Recv Date: 960806
Part B Recv Date: 960705
Generator EPA ID: NY5180000759
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96

Document ID: NJA2663274
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 961202
Trans1 Recv Date: 961202
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961202
Part A Recv Date: 961218
Part B Recv Date: 970114
Generator EPA ID: NY5180000759
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.

US POSTAL SERVICE - VEH MAINT FACIL (Continued) **1004756139**

Specific Gravity:	100
Year:	96
Document ID:	NJA2056096
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	941220
Trans1 Recv Date:	941220
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	941220
Part A Recv Date:	Not reported
Part B Recv Date:	950112
Generator EPA ID:	NY5180000759
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00016
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	94

W257 **514 WEST 49TH STREET** **NY AST** **U003383419**
SSW **514 WEST 49TH STREET** **NY HIST AST** **N/A**
1/8-1/4 **MANHATTAN, NY 10019**
0.155 mi.
821 ft. **Site 8 of 10 in cluster W**

Relative:
Lower

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-045381
Program Type:	PBS
UTM X:	585043.29987999995
UTM Y:	4513081.3407300003
Expiration Date:	2015/06/22

Affiliation Records:

Site Id:	563
Affiliation Type:	Mail Contact
Company Name:	AMERICAN REDCROSS IN GREATER NY
Contact Type:	Not reported
Contact Name:	VERNON DE SILVA
Address1:	514 WEST 49TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 875-2071
EMail:	DESILVA@NYREDCROSS.ORG
Fax Number:	Not reported

514 WEST 49TH STREET (Continued) **U003383419**

Modified By:	BVCAMPBE
Date Last Modified:	6/17/2010
Site Id:	563
Affiliation Type:	On-Site Operator
Company Name:	AMERICAN REDCROSS IN GREATER NY
Contact Type:	Not reported
Contact Name:	EJAZ RASHEED
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 875-2071
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/27/2009
Site Id:	563
Affiliation Type:	Emergency Contact
Company Name:	AMERICAN REDCROSS IN GREATER NY
Contact Type:	Not reported
Contact Name:	VERNON DE SILVA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 879-9903
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/27/2009
Site Id:	563
Affiliation Type:	Facility Owner
Company Name:	AMERICAN REDCROSS IN GREATER NY
Contact Type:	ENGR
Contact Name:	VERNON DE SILVA
Address1:	514 WEST 49TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 875-2218
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/27/2009

Tank Info:

Tank Number:	001

514 WEST 49TH STREET (Continued) **U003383419**

Tank Id: 1428
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
K00 - Spill Prevention - None
E02 - Piping Secondary Containment - Vault (with Access)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 11/01/1970
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 03/01/2006
Register: True
Modified By: msbaptis
Last Modified: 03/07/2008

Tank Number: 003
Tank Id: 221888
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
K00 - Spill Prevention - None
H05 - Tank Leak Detection - In-Tank System (ATG)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None
J00 - Dispenser - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/20/2006
Capacity Gallons: 8000

514 WEST 49TH STREET (Continued) **U003383419**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	03/07/2008

HIST AST:

PBS Number:	2-045381
SWIS Code:	6201
Operator:	REAL ESTATE INDUSTRIALS INC
Facility Phone:	(212) 586-0406
Facility Addr2:	514 WEST 49TH STREET
Facility Type:	Not reported
Emergency:	M SIROW
Emergency Tel:	(212) 956-8710
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	REAL ESTATE INDUSTRIALS INC
Owner Address:	10 ROCKEFELLER PLAZA-SUITE 710
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 956-8710
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	REAL ESTATE INDUSTRIALS INC
Mailing Address:	10 ROCKEFELLER PLAZA-SUITE 710
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 956-8710
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/01/1996
Expiration:	12/30/2001
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	7500
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND

514 WEST 49TH STREET (Continued) **U003383419**

Tank Status:	In Service
Install Date:	19701101
Capacity (Gal):	7500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	3
Overfill Protection:	4
Dispenser Method:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

R258 **CON EDISON** **NY MANIFEST** **S112210909**
WSW **629 E 50TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.156 mi.
823 ft. **Site 3 of 4 in cluster R**

Relative:
Lower

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004271110
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271110
Trans1 EPA ID:	Not reported

CON EDISON (Continued) **S112210909**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457243JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271110
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457243JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CON EDISON (Continued) **S112210909**

Mgmt Method Type Code: H111

U259 **EDR US Hist Auto Stat** **1015581584**
WNW **624 W 52ND ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.156 mi.
826 ft. **Site 4 of 7 in cluster U**

Relative:
Lower

Actual:
18 ft.

EDR Historical Auto Stations:

Name:	GERMAN CAR REPAIR
Year:	2004
Address:	624 W 52ND ST
Name:	GERMAN CAR REPAIR
Year:	2010
Address:	624 W 52ND ST
Name:	GERMAN CAR REPAIR
Year:	2011
Address:	624 W 52ND ST
Name:	GERMAN CAR REPAIR
Year:	2012
Address:	624 W 52ND ST

Y260 **448 W 54TH ST CORP.** **NY AST** **U003391617**
East **448 W 54TH STREET** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.157 mi.
828 ft. **Site 1 of 12 in cluster Y**

Relative:
Higher

Actual:
50 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-402214
Program Type:	PBS
UTM X:	585400.85424000002
UTM Y:	4513340.3595099999
Expiration Date:	N/A

Affiliation Records:

Site Id:	19257
Affiliation Type:	Facility Owner
Company Name:	448 WEST 54TH ST. COR.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	404 PARK AVENUE SOUTH 14TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(212) 447-7000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

448 W 54TH ST CORP. (Continued) **U003391617**

Date Last Modified: 3/4/2004

Site Id: 19257
Affiliation Type: Mail Contact
Company Name: 448 W. 54TH ST. CORP.
Contact Type: Not reported
Contact Name: JACK LERNER
Address1: 404 PARK AVENUE SOUTH, 14TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 447-7000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 19257
Affiliation Type: On-Site Operator
Company Name: 448 W 54TH ST CORP.
Contact Type: Not reported
Contact Name: KIM WATER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 887-0942
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 19257
Affiliation Type: Emergency Contact
Company Name: 448 WEST 54TH ST. COR.
Contact Type: Not reported
Contact Name: JACK LERNER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 447-7000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 21897

448 W 54TH ST CORP. (Continued) **U003391617**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
I05 - Overfill - Vent Whistle

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1080
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

HIST AST:

PBS Number: 2-402214
SWIS Code: 6201
Operator: KIM WATER
Facility Phone: (212) 887-0942
Facility Addr2: 448 W 54TH STREET
Facility Type: APARTMENT BUILDING
Emergency: JACK LERNER
Emergency Tel: (212) 447-7000
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: 448 WEST 54TH ST. COR.
Owner Address: 404 PARK AVENUE SOUTH 14TH FLOOR
Owner City,St,Zip: NEW YORK, NY 10016
Federal ID: Not reported
Owner Tel: (212) 447-7000
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: JACK LERNER
Mailing Name: 448 W. 54TH ST. CORP.
Mailing Address: 404 PARK AVENUE SOUTH, 14TH FLOOR
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10016
Mailing Telephone: (212) 447-7000
Owner Mark: First Owner

448 W 54TH ST CORP. (Continued) **U003391617**

Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	12/29/1993
Expiration:	10/06/1997
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1080
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1080
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	46
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Z261 **ST VINCENTS MIDTOWN HOSPITAL** **PA MANIFEST** **S111771570**
SE **426 W 52ND ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.159 mi.
837 ft. **Site 1 of 3 in cluster Z**

Relative:
Higher

Actual:
48 ft.

PA MANIFEST:

Year:	2005
Manifest Number:	PAH159915
Manifest Type:	T
Generator EPA Id:	NYD068206440
Generator Date:	02/11/2005

ST VINCENTS MIDTOWN HOSPITAL (Continued) **S111771570**

Mailing Address:	426 W 52ND ST
Mailing City,St,Zip:	NEW YORK, NY 10019
Contact Name:	MIKE ANTONIADES
Contact Phone:	917-690-4373
TSD Epa Id:	PAD987367216
TSD Date:	03/04/2005
TSD Facility Name:	A E R C COM ADVANCED ENVIRONMENTAL RECYCLING
TSD Facility Address:	2591 MITCHELL AVE
TSD Facility City:	ALLENTOWN
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D009
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	150
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	NJD054126164
Date TSP Sig:	02/16/2005

Year:	2005
Manifest Number:	PAH159915
Manifest Type:	T
Generator EPA Id:	NYD068206440
Generator Date:	02/11/2005
Mailing Address:	426 W 52ND ST
Mailing City,St,Zip:	NEW YORK, NY 10019
Contact Name:	MIKE ANTONIADES
Contact Phone:	917-690-4373
TSD Epa Id:	PAD987367216
TSD Date:	03/04/2005
TSD Facility Name:	A E R C COM ADVANCED ENVIRONMENTAL RECYCLING
TSD Facility Address:	2591 MITCHELL AVE
TSD Facility City:	ALLENTOWN
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D009
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	150
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	NJR000050617
Date TSP Sig:	02/11/2005

AA262 **CON EDISON** **RCRA-CESQG** **1012185206**
WSW **630 W 50TH ST** **NYP004160081**
1/8-1/4 **NEW YORK, NY 10003**
0.159 mi.
838 ft. **Site 1 of 7 in cluster AA**

Relative:
Lower

Actual:
18 ft.

RCRA-CESQG:

Date form received by agency:	07/29/2008
Facility name:	CON EDISON
Facility address:	630 W 50TH ST NEW YORK, NY 10003
EPA ID:	NYP004160081
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	DANIEL PONTECORVO
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(347) 203-2573
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

Y263 **CON EDISON** **NY MANIFEST** **S112210924**
East **446 W 54TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.160 mi.
845 ft. **Site 2 of 12 in cluster Y**

Relative:
Higher

Actual:
50 ft.

NY MANIFEST:

EPA ID:	NYP004271284
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271284
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457305JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

X264
NE
1/8-1/4
0.161 mi.
848 ft.

504 W 56TH ST
NEW YORK, NY 10019

Site 2 of 2 in cluster X

EDR US Hist Auto Stat **1015527018**
N/A

Relative:
Higher

Actual:
46 ft.

EDR Historical Auto Stations:

Name: ALI AUTO REPAIR INCORPORATED
Year: 1999
Address: 504 W 56TH ST

Name: ALI AUTO REPAIR INCORPORATED
Year: 2000
Address: 504 W 56TH ST

R265
WSW
1/8-1/4
0.162 mi.
858 ft.

637 W 50TH ST
NEW YORK, NY 10019

Site 4 of 4 in cluster R

EDR US Hist Auto Stat **1015586394**
N/A

Relative:
Lower

Actual:
18 ft.

EDR Historical Auto Stations:

Name: BPK SPECIAL EFFECTS SYSTEM
Year: 1999
Address: 637 W 50TH ST

Name: BPK SPECIAL EFFECTS SYSTEM INCORPORATED
Year: 2000
Address: 637 W 50TH ST

Name: UPPER EASTSIDE AUTO REPAIR
Year: 2001
Address: 637 W 50TH ST

Name: UPPER EASTSIDE AUTO REPAIR
Year: 2002
Address: 637 W 50TH ST

Name: UPPER EASTSIDE AUTO REPAIR
Year: 2003
Address: 637 W 50TH ST

Name: BPSPECIAL EFFECTS SSTMS INC
Year: 2004
Address: 637 W 50TH ST

Name: BP SPECIAL EFFECTS SYSTEMS INC
Year: 2006
Address: 637 W 50TH ST

Name: BP SPECIAL EFFECTS SYSTEMS INC
Year: 2008
Address: 637 W 50TH ST

Name: UPPER EASTSIDE AUTO REPAIR
Year: 2011
Address: 637 W 50TH ST

Name: UPPER EASTSIDE AUTO REPAIR
Year: 2012

(Continued) **1015586394**

Address: 637 W 50TH ST

Y266 **444 W 54 ST HDFC** **NY UST** **U003128089**
East **444 WEST 54TH STREET** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019** **NY HIST AST**
0.163 mi.
861 ft. **Site 3 of 12 in cluster Y**

Relative:
Higher

Actual:
51 ft.

UST:

Id/Status:	2-361909 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2007/12/26
UTM X:	585410.19860999996
UTM Y:	4513335.2493500002

Affiliation Records:

Site Id:	18286
Affiliation Type:	Facility Owner
Company Name:	444 W 54 ST HDFC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	444 W 54 ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18286
Affiliation Type:	Mail Contact
Company Name:	444 W 54 ST HDFC
Contact Type:	Not reported
Contact Name:	HAE SUN GERMAIN
Address1:	444 WEST 54TH STREET
Address2:	#11
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 307-0417
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18286
Affiliation Type:	On-Site Operator
Company Name:	444 W 54 ST HDFC
Contact Type:	Not reported
Contact Name:	RAY RIVERA
Address1:	Not reported

444 W 54 ST HDFC (Continued) **U003128089**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 247-0972
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18286
Affiliation Type:	Emergency Contact
Company Name:	444 W 54 ST HDFC
Contact Type:	Not reported
Contact Name:	RAY RIVERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 247-0972
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	25877
Tank Status:	In Service
Capacity Gallons:	1500
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	12/27/1987
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser

444 W 54 ST HDFC (Continued) **U003128089**

L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)

HIST UST:

PBS Number:	2-361909
SPDES Number:	Not reported
Emergency Contact:	HEATHER WOOD
Emergency Telephone:	(212) 957-8386
Operator:	TENANTS ASSN
Operator Telephone:	(212) 957-8386
Owner Name:	CITY OF NY DEPT OF HPD 9TH FL
Owner Address:	75 MAIDEN LANE
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Telephone:	(212) 806-8193
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Name:	CITY OF NY DEPT OF HPD 9TH FL
Mailing Address:	75 MAIDEN LANE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Contact:	Not reported
Mailing Telephone:	(212) 806-8193
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	444 W 54TH ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	01/13/1993
Expiration Date:	01/07/1998
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	1500

444 W 54 ST HDFC (Continued) **U003128089**

Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

HIST AST:

PBS Number:	2-470821
SWIS Code:	6201
Operator:	P. LODH
Facility Phone:	(212) 806-9081
Facility Addr2:	444 WEST 54TH STREET
Facility Type:	Not reported
Emergency:	MS JUANITA ARSENEC
Emergency Tel:	(212) 360-7900
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF HOUSING_OF NEW YORK
Owner Address:	75 MAIDEN LANE
Owner City,St,Zip:	NEW YORK, NY 10038
Federal ID:	Not reported
Owner Tel:	(212) 806-8565
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	CITY OF HOUSING_OF NEW YORK
Mailing Address:	75 MAIDEN LANE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Telephone:	(212) 806-8565
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/28/1989
Expiration:	03/28/1994
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500

444 W 54 ST HDFC (Continued) **U003128089**

FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

Y267 **444 WEST 54TH STREET** **NY AST** **U004045560**
East **444 WEST 54TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.163 mi.
861 ft. **Site 4 of 12 in cluster Y**

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Facility Id:	2-470821
Program Type:	PBS
UTM X:	585410.19860999996
UTM Y:	4513335.2493500002
Expiration Date:	N/A

Affiliation Records:

Site Id:	20634
Affiliation Type:	Facility Owner
Company Name:	CITY OF HOUSING_OF NEW YORK

444 WEST 54TH STREET (Continued) **U004045560**

Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8565
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20634
Affiliation Type:	Mail Contact
Company Name:	CITY OF HOUSING_OF NEW YORK
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8565
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20634
Affiliation Type:	On-Site Operator
Company Name:	444 WEST 54TH STREET
Contact Type:	Not reported
Contact Name:	P. LODH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 806-9081
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20634
Affiliation Type:	Emergency Contact
Company Name:	CITY OF HOUSING_OF NEW YORK
Contact Type:	Not reported
Contact Name:	MS JUANITA ARSENEC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

444 WEST 54TH STREET (Continued) **U004045560**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 360-7900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	37371
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/26/2002
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

AB268 **CBS, INC.** **NY HIST UST** **U001842079**
NE **855 TENTH AVENUE** **NY AST** **N/A**
1/8-1/4 **NEW YORK CITY, NY 10019** **NY HIST AST**
0.164 mi.
865 ft. **Site 1 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

HIST UST:

PBS Number:	2-601742
SPDES Number:	Not reported
Emergency Contact:	RICHARD SHERMAN
Emergency Telephone:	(212) 975-8143
Operator:	CBS, INC.
Operator Telephone:	(212) 975-8143
Owner Name:	CBS, INC.
Owner Address:	51 WEST 52 STREET
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 975-2938
Owner Type:	Corporate/Commercial

CBS, INC. (Continued) **U001842079**

Owner Subtype:	Not reported
Mailing Name:	CBS, INC.
Mailing Address:	524 WEST 57 STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	MR. ANTHONY COPPINI, P.E.
Mailing Telephone:	(212) 975-8143
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	855 10TH AVENUE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/07/1994
Expiration Date:	02/04/1999
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19990101
Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/01/1998
Test Method:	Not reported

CBS, INC. (Continued) **U001842079**

Deleted: False
Updated: True
Lat/long: Not reported

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-601742
Program Type: PBS
UTM X: 585223.79162000003
UTM Y: 4513322.5541200005
Expiration Date: N/A

Affiliation Records:
Site Id: 23704
Affiliation Type: Facility Owner
Company Name: CBS, INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 51 WEST 52 STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 975-2938
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 23704
Affiliation Type: Mail Contact
Company Name: CBS, INC.
Contact Type: Not reported
Contact Name: MR. ANTHONY COPPINI, P.E.
Address1: 524 WEST 57 STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 975-8143
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 23704
Affiliation Type: On-Site Operator
Company Name: CBS, INC.
Contact Type: Not reported
Contact Name: CBS, INC.
Address1: Not reported
Address2: Not reported
City: Not reported

CBS, INC. (Continued) **U001842079**

State: NY
Zip Code: Not reported
Country Code: 001
Phone: (212) 975-8143
EMail: Not reported
Fax Number: Not reported
Modified By: jmkrimgo
Date Last Modified: 6/30/2004

Site Id: 23704
Affiliation Type: Emergency Contact
Company Name: CBS, INC.
Contact Type: Not reported
Contact Name: RICHARD SHERMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 975-8143
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 56069
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1998
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: jmkrimgo

CBS, INC. (Continued) **U001842079**

Last Modified: 06/30/2004

HIST AST:

PBS Number:	2-601742
SWIS Code:	6201
Operator:	CBS, INC.
Facility Phone:	(212) 975-8143
Facility Addr2:	855 10TH AVENUE
Facility Type:	OTHER
Emergency:	RICHARD SHERMAN
Emergency Tel:	(212) 975-8143
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CBS, INC.
Owner Address:	51 WEST 52 STREET
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 975-2938
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MR. ANTHONY COPPINI, P.E.
Mailing Name:	CBS, INC.
Mailing Address:	524 WEST 57 STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 975-8143
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	02/07/1994
Expiration:	02/04/1999
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	002
Tank Location:	ABOVEGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19981201
Capacity (Gal):	1000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00

CBS, INC. (Continued) **U001842079**

Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	08
Leak Detection:	09
Overfill Protection:	45
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	10/03/2001
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AB269 **CBS, INC.** **NY UST** **U004079136**
NE **855 TENTH AVENUE** **N/A**
1/8-1/4 **NEW YORK CITY, NY 10019**
0.164 mi.
865 ft. **Site 2 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

UST:

Id/Status:	2-601742 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585223.79162000003
UTM Y:	4513322.5541200005

Affiliation Records:

Site Id:	23704
Affiliation Type:	Facility Owner
Company Name:	CBS, INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	51 WEST 52 STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 975-2938
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23704
Affiliation Type:	Mail Contact
Company Name:	CBS, INC.
Contact Type:	Not reported
Contact Name:	MR. ANTHONY COPPINI, P.E.
Address1:	524 WEST 57 STREET
Address2:	Not reported

CBS, INC. (Continued) **U004079136**

City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 975-8143
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 23704
Affiliation Type: On-Site Operator
Company Name: CBS, INC.
Contact Type: Not reported
Contact Name: CBS, INC.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (212) 975-8143
EMail: Not reported
Fax Number: Not reported
Modified By: jmkrimgo
Date Last Modified: 6/30/2004

Site Id: 23704
Affiliation Type: Emergency Contact
Company Name: CBS, INC.
Contact Type: Not reported
Contact Name: RICHARD SHERMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 975-8143
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 002
Tank ID: 47649
Tank Status: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

CBS, INC. (Continued) **U004079136**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: jmkrimgo
Last Modified: 06/30/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None

AB270 **ARTKRAFT STRAUSS SIGN CO** **RCRA NonGen / NLR** **1000554103**
NE **500 W 56TH ST** **NY MANIFEST** **NYD986965606**
1/8-1/4 **NEW YORK, NY 10017**
0.164 mi.
866 ft. **Site 3 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: ARTKRAFT STRAUSS SIGN CO
Facility address: 500 W 56TH ST
NEW YORK, NY 10017
EPA ID: NYD986965606
Mailing address: 12TH AVE
NEW YORK, NY 10019
Contact: Not reported
Contact address: 12TH AVE
NEW YORK, NY 10019
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ARTKRAFT STRAUSS SIGN CO
Owner/operator address: 830 12TH AVE
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 265-5155
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ARTKRAFT STRAUSS SIGN CO
Owner/operator address: 830 12TH AVE
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 265-5155

ARTKRAFT STRAUSS SIGN CO (Continued) **1000554103**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: ARTKRAFT STRAUSS SIGN CO
Classification: Not a generator, verified

Date form received by agency: 07/14/1999
Facility name: ARTKRAFT STRAUSS SIGN CO
Classification: Small Quantity Generator

Date form received by agency: 07/01/1991
Facility name: ARTKRAFT STRAUSS SIGN CO
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/22/1991
Date achieved compliance: 05/08/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/22/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/19/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/08/1992

ARTKRAFT STRAUSS SIGN CO (Continued) **1000554103**

Evaluation lead agency: State

NY MANIFEST:

EPA ID:	NYD986965606
Country:	USA
Mailing Name:	ART KRAFT STRAUSS
Mailing Contact:	SAL LONGO
Mailing Address:	500 WEST 56TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10001
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-265-5155

Document ID:	NJA1954028
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPE086
Trans2 State ID:	Not reported
Generator Ship Date:	950202
Trans1 Recv Date:	950202
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950203
Part A Recv Date:	950224
Part B Recv Date:	950214
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	00299
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2690706
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	970925
Trans1 Recv Date:	970925
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971002
Part A Recv Date:	980120
Part B Recv Date:	971022
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	00412
Units:	P - Pounds

ARTKRAFT STRAUSS SIGN CO (Continued) **1000554103**

Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA3212789
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 06/14/2001
Trans1 Recv Date: 06/14/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/18/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986965606
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: F005 - UNKNOWN
Quantity: 00412
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3215583
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 09/27/2001
Trans1 Recv Date: 09/27/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/04/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986965606
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: F005 - UNKNOWN
Quantity: 00824
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: MDC0849735
Manifest Status: Not reported

ARTKRAFT STRAUSS SIGN CO (Continued) **1000554103**

Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD054126164
Generator Ship Date:	08/15/2001
Trans1 Recv Date:	08/15/2001
Trans2 Recv Date:	08/20/2001
TSD Site Recv Date:	08/21/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	MDD980554653
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00100
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2001

Document ID:	NJA3022117
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCR000074591
Generator Ship Date:	01/11/2000
Trans1 Recv Date:	01/11/2000
Trans2 Recv Date:	01/12/2000
TSD Site Recv Date:	01/12/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	F005 - UNKNOWN
Quantity:	00300
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F005 - UNKNOWN
Quantity:	00300
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA3085903
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591

ARTKRAFT STRAUSS SIGN CO (Continued) **1000554103**

Generator Ship Date:	06/23/2000
Trans1 Recv Date:	06/23/2000
Trans2 Recv Date:	06/27/2000
TSD Site Recv Date:	06/27/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEPE086
Waste Code:	F005 - UNKNOWN
Quantity:	00810
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	MDC0872535
Manifest Status:	Not reported
Trans1 State ID:	SCR000074591
Trans2 State ID:	NJD054126164
Generator Ship Date:	11/21/2000
Trans1 Recv Date:	11/21/2000
Trans2 Recv Date:	11/22/2000
TSD Site Recv Date:	11/27/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	MDD980554653
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	F005 - UNKNOWN
Quantity:	00280
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA1547087
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930325
Trans1 Recv Date:	930325
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930326
Part A Recv Date:	930412
Part B Recv Date:	930407
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported

ARTKRAFT STRAUSS SIGN CO (Continued) **1000554103**

TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	00412
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NJA2091801
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPE086
Trans2 State ID:	Not reported
Generator Ship Date:	951101
Trans1 Recv Date:	951101
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951101
Part A Recv Date:	960207
Part B Recv Date:	951115
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	00412
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2800930
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCD987574647
Generator Ship Date:	09/03/1998
Trans1 Recv Date:	09/03/1998
Trans2 Recv Date:	09/11/1998
TSD Site Recv Date:	09/16/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	F005 - UNKNOWN
Quantity:	00810
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

ARTKRAFT STRAUSS SIGN CO (Continued) **1000554103**

Document ID:	NJA2828779
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	Not reported
Generator Ship Date:	06/25/1998
Trans1 Recv Date:	06/25/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/08/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	F005 - UNKNOWN
Quantity:	00824
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	NJA3163360
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	08/18/2000
Trans1 Recv Date:	08/18/2000
Trans2 Recv Date:	08/22/2000
TSD Site Recv Date:	08/22/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEPE086
Waste Code:	F005 - UNKNOWN
Quantity:	00810
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA1201153
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	910814
Trans1 Recv Date:	910814
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910815
Part A Recv Date:	910924

ARTKRAFT STRAUSS SIGN CO (Continued) **1000554103**

Part B Recv Date:	910828
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	00822
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NJA1636464
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940113
Trans1 Recv Date:	940113
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940113
Part A Recv Date:	940124
Part B Recv Date:	940126
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	00412
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	94

Document ID:	NJA2541408
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	961016
Trans1 Recv Date:	961016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	961017
Part A Recv Date:	Not reported
Part B Recv Date:	961104
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	00712
Units:	P - Pounds
Number of Containers:	002

ARTKRAFT STRAUSS SIGN CO (Continued) **1000554103**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NJA2801133
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCD987574647
Generator Ship Date:	05/27/1999
Trans1 Recv Date:	05/27/1999
Trans2 Recv Date:	06/04/1999
TSD Site Recv Date:	06/07/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEPE086
Waste Code:	F005 - UNKNOWN
Quantity:	00405
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

Document ID:	NJA2801177
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCD987574647
Generator Ship Date:	12/08/1999
Trans1 Recv Date:	12/08/1999
Trans2 Recv Date:	12/10/1999
TSD Site Recv Date:	12/10/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986965606
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP0869
Waste Code:	F005 - UNKNOWN
Quantity:	00375
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

AB271 **EDR US Hist Cleaners** **1015068155**
NE **500 W 56TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.164 mi.
866 ft. **Site 4 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

EDR Historical Cleaners:

Name:	VALEY CLEANERS
Year:	2007
Address:	500 W 56TH ST
Name:	VALEY CLEANERS
Year:	2008
Address:	500 W 56TH ST
Name:	VALEY CLEANERS
Year:	2009
Address:	500 W 56TH ST

AB272 **THE WESTPORT** **NY AST** **A100296347**
NE **500 WEST 56TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.164 mi.
866 ft. **Site 5 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609248
Program Type:	PBS
UTM X:	585311.81155999994
UTM Y:	4513540.7924300004
Expiration Date:	2013/09/18

Affiliation Records:

Site Id:	31093
Affiliation Type:	Facility Owner
Company Name:	55TH CLINTON ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	423 WEST 55TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 981-3515
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/19/2008
Site Id:	31093
Affiliation Type:	Mail Contact
Company Name:	RELATED MANAGEMENT
Contact Type:	Not reported
Contact Name:	TAMI KIMBLE
Address1:	423 WEST 55TH STREET
Address2:	9TH FLOOR

THE WESTPORT (Continued) **A100296347**

City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 981-3515
EMail:	TKIMBLE@RELATED.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/19/2008

Site Id:	31093
Affiliation Type:	On-Site Operator
Company Name:	THE WESTPORT
Contact Type:	Not reported
Contact Name:	CONSTANTIN FLESARU
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 581-3246
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/15/2008

Site Id:	31093
Affiliation Type:	Emergency Contact
Company Name:	55TH CLINTON ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	CONSTANTIN FLESARU
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 581-3246
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/15/2008

Tank Info:

Tank Number:	1
Tank Id:	66930
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)

THE WESTPORT (Continued) **A100296347**

J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I02 - Overfill - High Level Alarm

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/19/2002
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	09/30/2008

AB273 **CON EDISON MANHOLE 43389** **RCRA NonGen / NLR** **1015746733**
NE **850 10TH AVE** **NYP004247296**
1/8-1/4 **NEW YORK, NY 10019**
0.164 mi.
868 ft. **Site 6 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/26/2012
Facility name:	CON EDISON MANHOLE 43389
Facility address:	850 10TH AVE NEW YORK, NY 10019
EPA ID:	NYP004247296
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	JUAN RODRIGUEZ
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(347) 865-5931
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

CON EDISON MANHOLE 43389 (Continued) **1015746733**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/27/2012
Facility name: CON EDISON MANHOLE 43389
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

AB274 **CONSOLIDATED EDISON - MH 43389** **NY MANIFEST** **S111157951**
NE **850 W 10 AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.164 mi.
868 ft. **Site 7 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

NY MANIFEST:
EPA ID: NYP004235313
Country: USA
Mailing Name: CONSOLIDATED EDISON - MH 43389
Mailing Contact: TOM TEELING
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2011-05-11
Trans1 Recv Date: 2011-05-11
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-05-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004235313
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 3500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 007019224JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N

CONSOLIDATED EDISON - MH 43389 (Continued) **S111157951**

Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AB275 **CONSOLIDATED EDISON** **NY MANIFEST** **S111790327**
NE **850 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.164 mi.
868 ft. **Site 8 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

NY MANIFEST:

EPA ID:	NYP004247296
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PLACE 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-01-27
Trans1 Recv Date:	2012-01-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-01-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004247296
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	20000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	006903887JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N

CONSOLIDATED EDISON (Continued) **S111790327**

Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-01-27
Trans1 Recv Date:	2012-01-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-01-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004247296
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	20000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	006903887JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AB276 **CON EDISON MANHOLE 43389** **RCRA NonGen / NLR** **1014919369**
NE **850 W 10 AVE** **NYP004235313**
1/8-1/4 **NEW YORK, NY 10019**
0.164 mi.
868 ft. **Site 9 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	03/06/2012
Facility name:	CON EDISON MANHOLE 43389
Site name:	CON EDISON - MANHOLE 43389
Facility address:	850 W 10 AVE NEW YORK, NY 10019
EPA ID:	NYP004235313
Mailing address:	IRVING PLACE NEW YORK, NY 10003

CON EDISON MANHOLE 43389 (Continued) **1014919369**

Contact: DENNIS HUACON
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (212) 460-2757
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE, 15TH FL
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/11/2011
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE, 15TH FL
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/11/2011
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/10/2011
Facility name: CON EDISON MANHOLE 43389
Classification: Not a generator, verified

Date form received by agency: 05/11/2011
Facility name: CON EDISON MANHOLE 43389
Classification: Conditionally Exempt Small Quantity Generator

CON EDISON MANHOLE 43389 (Continued) **1014919369**

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: D008
Waste name: LEAD
Amount (Lbs): 3500

Violation Status: No violations found

V277 **442 WEST 50TH STREET** **NY AST** **U003385437**
SSE **442 WEST 50TH ST** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.165 mi.
869 ft. **Site 2 of 6 in cluster V**

Relative:
Higher

Actual:
44 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-189634
Program Type: PBS
UTM X: 585263.10115
UTM Y: 4513053.5602500001
Expiration Date: 2013/08/21

Affiliation Records:
Site Id: 5807
Affiliation Type: Mail Contact
Company Name: 442 WEST 50 LLC C/O KASH GROUP
Contact Type: Not reported
Contact Name: S. BAKHASH
Address1: 225 WEST 35TH STREET,
Address2: SUITE 1500
City: NEW YORK
State: NY
Zip Code: 10001
Country Code: 001
Phone: (212) 760-2295
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 8/21/2006

Site Id: 5807
Affiliation Type: On-Site Operator
Company Name: 442 WEST 50TH STREET
Contact Type: Not reported
Contact Name: JOAQUIN QUESEDO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

442 WEST 50TH STREET (Continued) **U003385437**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 760-2295
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/21/2006

Site Id:	5807
Affiliation Type:	Emergency Contact
Company Name:	442 WEST 50 LLC C/O KASH GROUP
Contact Type:	Not reported
Contact Name:	JOAQUIN QUESEDO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 992-9339
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/21/2006

Site Id:	5807
Affiliation Type:	Facility Owner
Company Name:	442 WEST 50 LLC C/O KASH GROUP
Contact Type:	MEMBER
Contact Name:	SHLOMO BAKHASH
Address1:	225 W 35TH ST, SUITE 1500
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10001
Country Code:	001
Phone:	(212) 760-2295
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/21/2006

Tank Info:

Tank Number:	001
Tank Id:	6436
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

H99 - Tank Leak Detection - Other
I05 - Overfill - Vent Whistle
J03 - Dispenser - Gravity
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

442 WEST 50TH STREET (Continued) **U003385437**

D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1900
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	08/01/2008

HIST AST:

PBS Number:	2-189634
SWIS Code:	6201
Operator:	GROVER WHITE
Facility Phone:	(212) 246-5957
Facility Addr2:	442 WEST 50TH ST
Facility Type:	APARTMENT BUILDING
Emergency:	NICK GUARNA
Emergency Tel:	(516) 921-7843
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CLINTON PROPERTIES
Owner Address:	C/O R. & R. MANAGEMENT P.O.BOX 20720
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 724-4126
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	CLINTON PROPERTIES
Mailing Address:	C/O R. & R. MANAGEMENT
Mailing Address 2:	P.O. BOX 20720
Mailing City,St,Zip:	NEW YORK, NY 10025
Mailing Telephone:	(212) 724-4126
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/28/1998
Expiration:	01/21/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data

442 WEST 50TH STREET (Continued) **U003385437**

Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	9
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

V278 **442 WEST 50TH ST** **NY LTANKS** **S103517567**
SSE **442 WEST 50TH ST** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.165 mi.
869 ft. **Site 3 of 6 in cluster V**

Relative:
Higher

Actual:
44 ft.

LTANKS:

Site ID:	257123
Spill Number/Closed Date:	9711517 / 1/14/1998
Spill Date:	1/14/1998
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1/14/1998
CID:	205
Water Affected:	Not reported

442 WEST 50TH ST (Continued) **S103517567**

Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/14/1998
Spill Record Last Update:	1/15/1998
Spiller Name:	CHARLIE
Spiller Company:	MYSTIC OIL
Spiller Address:	19-01 STEINWAY ST
Spiller City,St,Zip:	ASTORIA, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	210539
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	CALLER REPORTED TANK OVERFILLED. CLEANUP IN PROGRESS.

Material:

Site ID:	257123
Operable Unit ID:	1054271
Operable Unit:	01
Material ID:	326169
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	8
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AB279 **CBS** **NY LTANKS** **S104278940**
NE **855 10TH AVE** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.165 mi.
872 ft. **Site 10 of 15 in cluster AB**

Relative:
Higher

Actual:
47 ft.

LTANKS:

Site ID:	300761
Spill Number/Closed Date:	9910603 / 12/29/1999
Spill Date:	12/6/1999
Spill Cause:	Tank Overfill
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	SIGONA

CBS (Continued) **S104278940**

Referred To:	Not reported
Reported to Dept:	12/6/1999
CID:	312
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/6/1999
Spill Record Last Update:	1/10/2000
Spiller Name:	RICHARD SHERIDAN
Spiller Company:	CBS
Spiller Address:	524 WEST 57TH STREET
Spiller City,St,Zip:	NEW YORK, NY 10019-
Spiller County:	001
Spiller Contact:	RICHARD SHERIDAN
Spiller Phone:	(212) 975-8143
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	243271
DEC Memo:	Not reported
Remarks:	CALLER IS A CONTRACTOR ON SITE - UNK HOW THE SPILL OCC'D - CALLERSTATES IT IS IN THE BASEMENT - PETRO OIL IS ON THE SCENE

Material:

Site ID:	300761
Operable Unit ID:	1089309
Operable Unit:	01
Material ID:	296080
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AC280 **CONSOLIDATED EDISON** **NY MANIFEST** **S109825542**
ENE **461 W 55 ST AND 10 AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.166 mi.
874 ft. **Site 1 of 4 in cluster AC**

Relative:
Higher

Actual:
54 ft.

NY MANIFEST:

EPA ID:	NYP004176384
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK

CONSOLIDATED EDISON (Continued) **S109825542**

Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-23
Trans1 Recv Date:	2009-06-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176384
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	8000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001031391JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-23
Trans1 Recv Date:	2009-06-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176384
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046

CONSOLIDATED EDISON (Continued) **S109825542**

Waste Code:	Not reported
Quantity:	8000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001031391JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-23
Trans1 Recv Date:	2009-06-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176384
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	8000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001031391JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Q281
SSE
1/8-1/4
0.166 mi.
877 ft.

439 W 50TH ST
NEW YORK, NY 10019

Site 4 of 5 in cluster Q

EDR US Hist Cleaners **1015061422**
N/A

Relative:
Higher

Actual:
44 ft.

EDR Historical Cleaners:

Name:	LAUNDROMAT CAFE
Year:	2001
Address:	439 W 50TH ST
Name:	LAUNDROMAT CAFE INC
Year:	2002
Address:	439 W 50TH ST
Name:	LAUNDROMAT CAFEINC
Year:	2003
Address:	439 W 50TH ST
Name:	LAUNDROMAT CAFE INC
Year:	2004
Address:	439 W 50TH ST
Name:	LAUNDROMAT CAFE INC
Year:	2005
Address:	439 W 50TH ST
Name:	LAUNDROMAT CAFE INC
Year:	2006
Address:	439 W 50TH ST
Name:	LAUNDROMAT CAFE
Year:	2009
Address:	439 W 50TH ST
Name:	LAUNDROMAT CAFE
Year:	2010
Address:	439 W 50TH ST
Name:	LAUNDROMAT CAFE
Year:	2011
Address:	439 W 50TH ST
Name:	LAUNDROMAT CAFE
Year:	2012
Address:	439 W 50TH ST

Y282
East
1/8-1/4
0.166 mi.
877 ft.

442 W 54TH ST
442 W 54TH ST
NY, NY 10019

Site 5 of 12 in cluster Y

NY AST **U003386784**
NY HIST AST **N/A**

Relative:
Higher

Actual:
52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-248096
Program Type:	PBS
UTM X:	585414.87144000002

442 W 54TH ST (Continued) **U003386784**

UTM Y: 4513332.6387700001
Expiration Date: N/A

Affiliation Records:

Site Id: 9785
Affiliation Type: Facility Owner
Company Name: NADAR REALTY CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 442 WEST 54TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 974-5400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9785
Affiliation Type: Mail Contact
Company Name: NADAR REALTY CORPG
Contact Type: Not reported
Contact Name: MANSOUR FARHADIAN
Address1: 442 WEST 54TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 974-5400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9785
Affiliation Type: On-Site Operator
Company Name: 442 W 54TH ST
Contact Type: Not reported
Contact Name: MANSOUR FARHADIAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 974-5400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9785
Affiliation Type: Emergency Contact
Company Name: NADAR REALTY CORP

442 W 54TH ST (Continued) **U003386784**

Contact Type:	Not reported
Contact Name:	MANSOUR FARHADIAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 974-5400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	10690
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
G99 - Tank Secondary Containment - Other
H04 - Tank Leak Detection - Groundwater Well

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1999
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	002
Tank Id:	57880
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None

442 W 54TH ST (Continued) **U003386784**

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1999
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	003
Tank Id:	57881
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1999
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-248096
SWIS Code:	6201
Operator:	MANSOUR FARHADIAN
Facility Phone:	(212) 974-5400
Facility Addr2:	442 W 54TH ST
Facility Type:	APARTMENT BUILDING
Emergency:	MANSOUR FARHADIAN

442 W 54TH ST (Continued) **U003386784**

Emergency Tel:	(212) 974-5400
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NADAR REALTY CORP
Owner Address:	442 WEST 54TH STREET
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 974-5400
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MANSOUR FARHADIAN
Mailing Name:	NADAR REALTY CORPG
Mailing Address:	442 WEST 54TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 974-5400
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	09/18/1992
Expiration:	11/16/1997
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	550
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Other
Leak Detection:	3
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported

442 W 54TH ST (Continued) **U003386784**

Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1999
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19990801
Capacity (Gal):	275
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Not reported
Leak Detection:	Not reported
Overfill Protection:	6
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	003
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19990801
Capacity (Gal):	275
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Not reported
Leak Detection:	Not reported
Overfill Protection:	6
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing

442 W 54TH ST (Continued) **U003386784**

Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

U283 **CON EDISON** **NY MANIFEST** **S112210908**
WNW **634 W 52ND ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.169 mi.
891 ft. **Site 5 of 7 in cluster U**

Relative:
Lower

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004271102
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271102
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457242JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N

CON EDISON (Continued) **S112210908**

Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-28
Trans1 Recv Date:	2012-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271102
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457242JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AD284 **CONSOLIDATED EDISON** **NY MANIFEST** **S109825526**
ESE **437 W 53 ST AND 10 AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.169 mi.
893 ft. **Site 1 of 8 in cluster AD**

Relative:
Higher

Actual:
51 ft.

NY MANIFEST:

EPA ID:	NYP004176335
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported

CONSOLIDATED EDISON (Continued) **S109825526**

Mailing Country:	USA
Mailing Phone:	212-460-2808
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-23
Trans1 Recv Date:	2009-06-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176335
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	6000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532162JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-23
Trans1 Recv Date:	2009-06-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176335
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	6000.0
Units:	P - Pounds

CONSOLIDATED EDISON (Continued) **S109825526**

Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532162JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-23
Trans1 Recv Date:	2009-06-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176335
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	6000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532162JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AB285
NE
1/8-1/4
0.171 mi.
905 ft.

CON EDISON
854 10TH AVE
NEW YORK, NY 10019

Site 11 of 15 in cluster AB

NY MANIFEST **S112210925**
N/A

Relative:
Higher

Actual:
48 ft.

NY MANIFEST:

EPA ID:	NYP004271292
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271292
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457311JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	Y
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Y286 **444 WEST 55TH STREET** **NY AST** **A100297754**
East **444 WEST 55TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.172 mi.
910 ft. **Site 6 of 12 in cluster Y**

Relative:
Higher

Actual:
55 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610231
Program Type:	PBS
UTM X:	585412.30657000002
UTM Y:	4513397.5109299999
Expiration Date:	2010/04/06

Affiliation Records:

Site Id:	365070
Affiliation Type:	Mail Contact
Company Name:	HYDRO TECH ENVIRONMENTAL, CORP
Contact Type:	Not reported
Contact Name:	PAUL I. MATLI
Address1:	111 FULTON STREET, 2ND FLOOR
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11238
Country Code:	001
Phone:	(718) 836-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	6/23/2008

Site Id:	365070
Affiliation Type:	Facility Owner
Company Name:	BARTON CIRKER, LLC
Contact Type:	MANAGING MEMBER
Contact Name:	BARTON CIRKER
Address1:	73 ESTATES TERRACE NORTH
Address2:	Not reported
City:	MANHASSET
State:	NY
Zip Code:	11030
Country Code:	001
Phone:	(212) 484-4556
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	6/23/2008

Site Id:	365070
Affiliation Type:	On-Site Operator
Company Name:	444 WEST 55TH STREET
Contact Type:	Not reported
Contact Name:	BART CIRKER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

444 WEST 55TH STREET (Continued) **A100297754**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 484-0200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/7/2006

Site Id:	365070
Affiliation Type:	Emergency Contact
Company Name:	BARTON CIRKER, LLC
Contact Type:	Not reported
Contact Name:	ADAM CIRKER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 484-0200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	6/23/2008

Tank Info:

Tank Number:	001
Tank Id:	212145
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
K00 - Spill Prevention - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
L00 - Piping Leak Detection - None
F06 - Pipe External Protection - Wrapped
J00 - Dispenser - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported

444 WEST 55TH STREET (Continued) **A100297754**

Register: True
Modified By: KXTANG
Last Modified: 06/07/2006

Y287 **444 WEST 55TH STREET** **NY UST** **U004122401**
East **444 WEST 55TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.172 mi.
910 ft. **Site 7 of 12 in cluster Y**

Relative:
Higher

Actual:
55 ft.

UST:
Id/Status: 2-610231 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2010/04/06
UTM X: 585412.30657000002
UTM Y: 4513397.5109299999

Affiliation Records:
Site Id: 365070
Affiliation Type: Mail Contact
Company Name: HYDRO TECH ENVIRONMENTAL, CORP
Contact Type: Not reported
Contact Name: PAUL I. MATLI
Address1: 111 FULTON STREET, 2ND FLOOR
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11238
Country Code: 001
Phone: (718) 836-0800
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 6/23/2008

Site Id: 365070
Affiliation Type: Facility Owner
Company Name: BARTON CIRKER, LLC
Contact Type: MANAGING MEMBER
Contact Name: BARTON CIRKER
Address1: 73 ESTATES TERRACE NORTH
Address2: Not reported
City: MANHASSET
State: NY
Zip Code: 11030
Country Code: 001
Phone: (212) 484-4556
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 6/23/2008

Site Id: 365070
Affiliation Type: On-Site Operator
Company Name: 444 WEST 55TH STREET
Contact Type: Not reported

444 WEST 55TH STREET (Continued) **U004122401**

Contact Name:	BART CIRKER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 484-0200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/7/2006

Site Id:	365070
Affiliation Type:	Emergency Contact
Company Name:	BARTON CIRKER, LLC
Contact Type:	Not reported
Contact Name:	ADAM CIRKER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 484-0200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	6/23/2008

Tank Info:

Tank Number:	002
Tank ID:	223694
Tank Status:	Closed - In Place
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	05/21/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass reinforced plastic [FRP]
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	06/23/2008

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

444 WEST 55TH STREET (Continued) **U004122401**

C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

V288 **EDR US Hist Cleaners** **1015061093**
SSE **435 W 50TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.176 mi.
928 ft. **Site 4 of 6 in cluster V**

Relative:
Higher

Actual:
45 ft.

EDR Historical Cleaners:
Name: ACTION CARPET CLEANER
Year: 2011
Address: 435 W 50TH ST

AB289 **EDR US Hist Auto Stat** **1015657108**
NE **856 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.176 mi.
928 ft. **Site 12 of 15 in cluster AB**

Relative:
Higher

Actual:
49 ft.

EDR Historical Auto Stations:
Name: ACC CAR CARE
Year: 2010
Address: 856 10TH AVE

Q290 **JIJ WEST 51 STREET** **NY AST** **U003384307**
SE **424 WEST 51 STREET** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.177 mi.
934 ft. **Site 5 of 5 in cluster Q**

Relative:
Higher

Actual:
48 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-090751
Program Type: PBS
UTM X: 585342.16957999999
UTM Y: 4513100.1006500004
Expiration Date: 2017/03/24

Affiliation Records:
Site Id: 2232
Affiliation Type: Facility Owner
Company Name: 424 W 51ST CORP CO/ MACAU PROP MNGT.
Contact Type: MANAGING AGENT
Contact Name: MICHAEL CAMENZULI
Address1: P.O. BOX 1936 RADIO CITY STATION
Address2: Not reported
City: NEW YORK

JIJ WEST 51 STREET (Continued) **U003384307**

State: NY
Zip Code: 10101-1936
Country Code: 001
Phone: (201) 871-8840
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 1/3/2007

Site Id: 2232
Affiliation Type: Mail Contact
Company Name: MACAU INVESTMENT PROPERTY MANAGEMENT
Contact Type: Not reported
Contact Name: MICHAEL CAMENZULI (AGENT)
Address1: P.O. BOX 1936
Address2: RADIO CITY STATION
City: NEW YORK
State: NY
Zip Code: 10101-1936
Country Code: 001
Phone: (212) 265-5790
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 1/3/2007

Site Id: 2232
Affiliation Type: On-Site Operator
Company Name: 424 WEST 51 STREET
Contact Type: Not reported
Contact Name: TOM BARRETT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 265-0335
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 2232
Affiliation Type: Emergency Contact
Company Name: 424 W 51ST CORP CO/ MACAU PROP MNGT.
Contact Type: Not reported
Contact Name: MICHAEL CAMENZULI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 265-5790
EMail: Not reported
Fax Number: Not reported

JIJ WEST 51 STREET (Continued) **U003384307**

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 3543
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
G99 - Tank Secondary Containment - Other
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
E02 - Piping Secondary Containment - Vault (with Access)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1910
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 12/27/2011

HIST AST:

PBS Number: 2-090751
SWIS Code: 6201
Operator: MULLEN & WOODS INC
Facility Phone: (212) 265-5790
Facility Addr2: 424 WEST 51 STREET
Facility Type: APARTMENT BUILDING
Emergency: TOM BARRETT
Emergency Tel: (212) 265-0335
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: 424 W 51ST CORP CO/ MULLEN - WOODS INC.
Owner Address: 449 WEST 51 ST
Owner City,St,Zip: NEW YORK, NY 10019
Federal ID: Not reported
Owner Tel: (201) 871-8840
Owner Type: Corporate/Commercial

JIJ WEST 51 STREET (Continued) **U003384307**

Owner Subtype:	Not reported
Mailing Contact:	MIKE CAMENZULI (AGENT)
Mailing Name:	C/O MULLEN - WOODS INC.
Mailing Address:	449 WEST 51 STREET.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 265-5790
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	02/06/1997
Expiration:	03/24/2002
Renew Flag:	False
Renew Date:	20011113
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Other
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AD291 **CON EDISON** **NY MANIFEST** **S112210888**
ESE **419 W 53RD ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.177 mi.
937 ft. **Site 2 of 8 in cluster AD**

Relative:
Higher

Actual:
53 ft.

NY MANIFEST:

EPA ID:	NYP004270898
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270898
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457322JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210888**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270898
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457322JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Y292 **JAYGUS REALTY CORP** **NY AST** **U004047247**
East **448 W 55TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.179 mi.
944 ft. **Site 8 of 12 in cluster Y**

Relative:
Higher

Actual:
56 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-189049
Program Type:	PBS
UTM X:	585435.31860999996
UTM Y:	4513411.4772300003
Expiration Date:	N/A

Affiliation Records:

Site Id:	5755
Affiliation Type:	Facility Owner
Company Name:	JAYGUS REALTY CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	349 E 149TH ST
Address2:	Not reported
City:	NEW YORK

JAYGUS REALTY CORP (Continued) **U004047247**

State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 292-6010
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 5755
Affiliation Type: Mail Contact
Company Name: REFCO MANAGEMENT CO
Contact Type: Not reported
Contact Name: EVELYN DEGUZMAN
Address1: PO BOX 52
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11220-3520
Country Code: 001
Phone: (212) 292-6010
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 5755
Affiliation Type: On-Site Operator
Company Name: JAYGUS REALTY CORP
Contact Type: Not reported
Contact Name: JAYGUS REALTY CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 292-6010
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 5755
Affiliation Type: Emergency Contact
Company Name: JAYGUS REALTY CORP
Contact Type: Not reported
Contact Name: JAYGUS REALTY CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 292-6010
EMail: Not reported
Fax Number: Not reported

JAYGUS REALTY CORP (Continued) **U004047247**

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 10464
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 04/01/1960
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 03/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

V293 **NEW YORK TELEPHONE CO** **RCRA-CESQG** **1000136854**
SSE **435 W 50TH ST** **FINDS** **NYD980755813**
1/8-1/4 **NEW YORK, NY 10019** **NY TANKS**
0.179 mi. **NY MANIFEST**
945 ft. **Site 5 of 6 in cluster V**

Relative:
Higher

Actual:
46 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: NEW YORK TELEPHONE CO
Facility address: 435 W 50TH ST
NEW YORK, NY 100196502
EPA ID: NYD980755813
Mailing address: 9TH AVE
NEW YORK, NY 10001
Contact: Not reported
Contact address: 9TH AVE
NEW YORK, NY 10001
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar

NEW YORK TELEPHONE CO (Continued) **1000136854**

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NEW YORK TELEPHONE CO
Owner/operator address:	435 W 50TH ST NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NEW YORK TELEPHONE CO
Owner/operator address:	435 W 50TH ST NEW YORK, NY 10019
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	NEW YORK TELEPHONE CO
Classification:	Conditionally Exempt Small Quantity Generator

NEW YORK TELEPHONE CO (Continued) **1000136854**

Date form received by agency: 07/08/1999
Facility name: NEW YORK TELEPHONE CO
Classification: Not a generator, verified

Date form received by agency: 05/11/1993
Facility name: NEW YORK TELEPHONE CO
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004389741

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TANKS:
Facility Id: 2-344850
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2017/12/14
UTM X: 585286.38674999995
UTM Y: 4513054.7166200001

NY MANIFEST:
EPA ID: NYD980755813
Country: USA
Mailing Name: VERIZON
Mailing Contact: JACK O'BRIEN
Mailing Address: 435 WEST 50TH STREET
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 000-000-0000

Document ID: MAQ0065159
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 03/02/2005
Trans1 Recv Date: 03/02/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/09/2005
Part A Recv Date: Not reported

NEW YORK TELEPHONE CO (Continued) **1000136854**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	MA5000004713
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00021
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2005

Document ID:	NJA4118029
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	03/06/2003
Trans1 Recv Date:	03/06/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/11/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	NJD991291105
Trans2 EPA ID:	Not reported
TSDF ID:	10376
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	U228 - TRICHLOROETHENE
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2003

Document ID:	MAH2651090
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MD100E30
Trans2 State ID:	Not reported
Generator Ship Date:	930415
Trans1 Recv Date:	930415
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930416
Part A Recv Date:	930504
Part B Recv Date:	930518
Generator EPA ID:	NYD980755813

NEW YORK TELEPHONE CO (Continued) **1000136854**

Trans1 EPA ID:	MAD039322250
Trans2 EPA ID:	Not reported
TSDF ID:	MAD053452637
Waste Code:	F005 - UNKNOWN
Quantity:	00020
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	MAH2651010
Manifest Status:	Completed copy
Trans1 State ID:	MD100E30
Trans2 State ID:	Not reported
Generator Ship Date:	930415
Trans1 Recv Date:	930415
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930416
Part A Recv Date:	930504
Part B Recv Date:	930426
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	MAD039322250
Trans2 EPA ID:	Not reported
TSDF ID:	MAD980523203
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00041
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00066
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00007
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	MAH2651020
Manifest Status:	Completed copy
Trans1 State ID:	MD100E30
Trans2 State ID:	Not reported
Generator Ship Date:	930415
Trans1 Recv Date:	930415

NEW YORK TELEPHONE CO (Continued) **1000136854**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930416
Part A Recv Date:	930504
Part B Recv Date:	930426
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	MAD039322250
Trans2 EPA ID:	Not reported
TSDF ID:	MAD980523203
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	MAQ0065159
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	03/02/2005
Trans1 Recv Date:	03/02/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/09/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	MA5000004713
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00021
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	MAH3722180
Manifest Status:	Completed copy
Trans1 State ID:	MD102E84
Trans2 State ID:	ME619011
Generator Ship Date:	940207
Trans1 Recv Date:	940207
Trans2 Recv Date:	940212
TSD Site Recv Date:	940213

NEW YORK TELEPHONE CO (Continued) **1000136854**

Part A Recv Date:	940311
Part B Recv Date:	940302
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	MAD039322250
Trans2 EPA ID:	MAD039322250
TSDF ID:	MAD980523203
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00003
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94

Document ID:	MAH3722200
Manifest Status:	Completed copy
Trans1 State ID:	MD102E84
Trans2 State ID:	ME619011
Generator Ship Date:	940207
Trans1 Recv Date:	940207
Trans2 Recv Date:	940212
TSD Site Recv Date:	940213
Part A Recv Date:	940311
Part B Recv Date:	940302
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	MAD039322250
Trans2 EPA ID:	MAD039322250
TSDF ID:	MAD980523203
Waste Code:	B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00026
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00015
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.

NEW YORK TELEPHONE CO (Continued) **1000136854**

Specific Gravity: 100
Year: 94

Document ID: MAH3722190
Manifest Status: Completed copy
Trans1 State ID: MD102E84
Trans2 State ID: ME619011
Generator Ship Date: 940207
Trans1 Recv Date: 940207
Trans2 Recv Date: 940212
TSD Site Recv Date: 940213
Part A Recv Date: 940311
Part B Recv Date: 940303
Generator EPA ID: NYD980755813
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: MAD039322250
TSDF ID: MAD980523203
Waste Code: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity: 00006
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00002
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00007
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: MAH3722210
Manifest Status: Completed copy
Trans1 State ID: MD102E84
Trans2 State ID: ME619011
Generator Ship Date: 940207
Trans1 Recv Date: 940207
Trans2 Recv Date: 940212
TSD Site Recv Date: 940213
Part A Recv Date: 940311
Part B Recv Date: 940224
Generator EPA ID: NYD980755813
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: MAD039322250
TSDF ID: MAD053452637
Waste Code: D002 - NON-LISTED CORROSIVE WASTES

NEW YORK TELEPHONE CO (Continued) **1000136854**

Quantity:	00060
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2011-07-29
Trans1 Recv Date:	2011-07-29
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	300.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000895914GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2011-07-29
Trans1 Recv Date:	2011-07-29
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	Not reported

NEW YORK TELEPHONE CO (Continued) **1000136854**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000895971GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2011-07-29
Trans1 Recv Date:	2011-07-29
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	200.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000895971GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

NEW YORK TELEPHONE CO (Continued) **1000136854**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2011-07-29
Trans1 Recv Date: 2011-07-29
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-08-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980755813
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 15.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 000895971GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2011-07-29
Trans1 Recv Date: 2011-07-29
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-08-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980755813
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 8.0
Units: P - Pounds
Number of Containers: 1.0

NEW YORK TELEPHONE CO (Continued) **1000136854**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000895971GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-27
Trans1 Recv Date:	2011-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	50.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	001129554GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	PAE7228292
Manifest Status:	Completed copy
Trans1 State ID:	PAAH0331

NEW YORK TELEPHONE CO (Continued) **1000136854**

Trans2 State ID:	Not reported
Generator Ship Date:	970501
Trans1 Recv Date:	970501
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970502
Part A Recv Date:	970514
Part B Recv Date:	970515
Generator EPA ID:	NYD980755813
Trans1 EPA ID:	NYD982792814
Trans2 EPA ID:	Not reported
TSDF ID:	PAD087561015
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00415
Units:	P - Pounds
Number of Containers:	001
Container Type:	CW - Wooden boxes
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	97

V294 **VERIZON** **NJ MANIFEST** **S112010298**
SSE **435 WEST 50TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10016**
0.179 mi.
945 ft. **Site 6 of 6 in cluster V**

Relative:
Higher

Actual:
46 ft.

NJ MANIFEST:

Manifest Code:	001129554GBF
EPA ID:	NYD980755813
Date Shipped:	9/29/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	VERIZON
Transporter-1 EPA Facility Name:	ALLSTATE POWER VAC INC
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported

VERIZON (Continued) **S112010298**

Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	gallons
Transporter SEQ ID:	1.00
Transporter-1 Date:	9/29/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	9/29/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	50.00
Unit:	gallons
Hand Code:	H141

Manifest Code:	000895914GBF
EPA ID:	NYD980755813
Date Shipped:	7/29/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	VERIZON
Transporter-1 EPA Facility Name:	ALLSTATE POWER VAC INC
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported

VERIZON (Continued) **S112010298**

TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/29/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/5/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D039
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	300.00
Unit:	Pounds
Hand Code:	H141

Manifest Code:	000895971GBF
EPA ID:	NYD980755813
Date Shipped:	7/29/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	VERIZON
Transporter-1 EPA Facility Name:	ALLSTATE POWER VAC INC
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC

VERIZON (Continued) **S112010298**

QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/29/2011
Waste SEQ ID:	3.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/5/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	8.00
Unit:	Pounds
Hand Code:	H141

Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00
Unit:	Pounds
Hand Code:	H141

Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	200.00
Unit:	Pounds
Hand Code:	H141

Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	700.00
Unit:	Pounds
Hand Code:	H061

Manifest Code:	000895971GBF
EPA ID:	NYD980755813
Date Shipped:	7/29/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

VERIZON (Continued) **S112010298**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	VERIZON
Transporter-1 EPA Facility Name:	ALLSTATE POWER VAC INC
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/29/2011
Waste SEQ ID:	4.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/5/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	8.00
Unit:	Pounds
Hand Code:	H141
Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00
Unit:	Pounds
Hand Code:	H141
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	200.00
Unit:	Pounds
Hand Code:	H141
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	700.00
Unit:	Pounds
Hand Code:	H061

VERIZON (Continued) **S112010298**

Manifest Code:	000895971GBF
EPA ID:	NYD980755813
Date Shipped:	7/29/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	VERIZON
Transporter-1 EPA Facility Name:	ALLSTATE POWER VAC INC
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/29/2011
Waste SEQ ID:	2.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/5/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	8.00
Unit:	Pounds
Hand Code:	H141
Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00

VERIZON (Continued) **S112010298**

Unit:	Pounds
Hand Code:	H141
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	200.00
Unit:	Pounds
Hand Code:	H141
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	700.00
Unit:	Pounds
Hand Code:	H061
Manifest Code:	000895971GBF
EPA ID:	NYD980755813
Date Shipped:	7/29/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	VERIZON
Transporter-1 EPA Facility Name:	ALLSTATE POWER VAC INC
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/29/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported

VERIZON (Continued) **S112010298**

Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/5/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	8.00
Unit:	Pounds
Hand Code:	H141
Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00
Unit:	Pounds
Hand Code:	H141
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	200.00
Unit:	Pounds
Hand Code:	H141
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	700.00
Unit:	Pounds
Hand Code:	H061

AB295 **EDR US Hist Cleaners** **1015101667**
NE **858 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.180 mi.
951 ft. **Site 13 of 15 in cluster AB**

Relative:
Higher

Actual:
50 ft.

EDR Historical Cleaners:

Name:	LA CLINIQUE CLEANERS
Year:	2005
Address:	858 10TH AVE
Name:	LA CLINIQUE CLEANERS
Year:	2008
Address:	858 10TH AVE
Name:	LA CLINIQUE CLEANERS
Year:	2010
Address:	858 10TH AVE
Name:	LA CLINIQUE CLEANERS
Year:	2011
Address:	858 10TH AVE
Name:	LA CLINIQUE CLEANERS

(Continued) **1015101667**

Year: 2012
Address: 858 10TH AVE

Z296 **427 WEST 51ST ST** **NY AST** **U003383387**
SE **427 WEST 51ST STREET** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.181 mi.
956 ft. **Site 2 of 3 in cluster Z**

Relative:
Higher

Actual:
49 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-044768
Program Type: PBS
UTM X: 585342.17853000003
UTM Y: 4513113.9783100002
Expiration Date: 2016/12/02

Affiliation Records:
Site Id: 509
Affiliation Type: Facility Owner
Company Name: 427 WEST 51ST ST OWNERS CORP
Contact Type: AGENT
Contact Name: JOSHUA FRANKEL
Address1: 1651 CONEY ISLAND AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11230
Country Code: 001
Phone: (718) 629-0600
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 11/2/2011

Site Id: 509
Affiliation Type: On-Site Operator
Company Name: 427 WEST 51ST ST
Contact Type: Not reported
Contact Name: JOSE MENDEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 629-0600
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 11/2/2011

Site Id: 509
Affiliation Type: Emergency Contact
Company Name: 427 WEST 51ST ST OWNERS CORP
Contact Type: Not reported

427 WEST 51ST ST (Continued) **U003383387**

Contact Name:	JOSE MENDEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 480-2270
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	509
Affiliation Type:	Mail Contact
Company Name:	RESIDENTIAL MGMT
Contact Type:	Not reported
Contact Name:	JOSHUA FRANKEL
Address1:	1651 CONEY ISLAND AVE
Address2:	4TH
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 629-0600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/2/2011

Tank Info:

Tank Number:	001
Tank Id:	1385
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1969
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported

427 WEST 51ST ST (Continued) **U003383387**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-044768
SWIS Code:	6201
Operator:	JOSE MENDEZ
Facility Phone:	(212) 480-2270
Facility Addr2:	427 WEST 51ST ST
Facility Type:	APARTMENT BUILDING
Emergency:	JOSE MENDEZ
Emergency Tel:	(212) 480-2270
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	427 WEST 51ST ST OWNERS CORP
Owner Address:	427 WEST 51ST ST
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 586-6957
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	RESIDENTIAL MGMT
Mailing Address:	40 EXCHANGE PLACE
Mailing Address 2:	SUITE 1105
Mailing City,St,Zip:	NEW YORK, NY 10005
Mailing Telephone:	(212) 480-2270
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/31/2001
Expiration:	12/02/2006
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19691201

427 WEST 51ST ST (Continued) **U003383387**

Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

Y297 **435 W 54 STREET** **NY AST** **A100183497**
East **435 WEST 54 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.181 mi.
957 ft. **Site 9 of 12 in cluster Y**

Relative:
Higher

Actual:
55 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606931
Program Type:	PBS
UTM X:	585402.33828000003
UTM Y:	4513325.0093799997
Expiration Date:	2006/09/14

Affiliation Records:

Site Id:	28786
Affiliation Type:	Facility Owner
Company Name:	RIVER SQUARE REALTY CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	P.O. BOX 609-F.D.R. STATION
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10150-0609
Country Code:	001
Phone:	(212) 727-1176
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28786

435 W 54 STREET (Continued) **A100183497**

Affiliation Type:	Mail Contact
Company Name:	RIVER SQUARE REALTY CORP.
Contact Type:	Not reported
Contact Name:	JOE LENTINI
Address1:	P.O. BOX 609-F.D.R. STATION
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10150-0609
Country Code:	001
Phone:	(212) 727-1176
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28786
Affiliation Type:	On-Site Operator
Company Name:	435 W 54 STREET
Contact Type:	Not reported
Contact Name:	ADRIAN ARROYO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 991-3114
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28786
Affiliation Type:	Emergency Contact
Company Name:	RIVER SQUARE REALTY CORP.
Contact Type:	Not reported
Contact Name:	LARRY RUTIGLIANO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 585-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	01
Tank Id:	62058
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

435 W 54 STREET (Continued) **A100183497**

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

AE298 **CON EDISON** **NY MANIFEST** **S112210788**
WSW **613 W 49 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.182 mi.
963 ft. **Site 1 of 11 in cluster AE**

Relative:
Lower

Actual:
20 ft.

NY MANIFEST:

EPA ID:	NYP004269809
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269809

CON EDISON (Continued) **S112210788**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457154JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269809
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457154JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported

CON EDISON (Continued) **S112210788**

Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

AF299 **RED APPLE COMPANIES** **NY AST** **A100295753**
North **823 ELEVENTH AVE.** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.183 mi.
967 ft. **Site 1 of 24 in cluster AF**

Relative:
Higher

Actual:
25 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-607787
Program Type: PBS
UTM X: 585103.73393999995
UTM Y: 4513732.6868599998
Expiration Date: 2007/05/24

Affiliation Records:
Site Id: 29639
Affiliation Type: Emergency Contact
Company Name: JOHN CATSIMATIDIS
Contact Type: Not reported
Contact Name: VICTOR ANGELILLO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 582-9390
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29639
Affiliation Type: Facility Owner
Company Name: JOHN CATSIMATIDIS
Contact Type: Not reported
Contact Name: Not reported
Address1: 823 11TH AVE.
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 974-0780
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29639
Affiliation Type: Mail Contact
Company Name: RED APPLE COMPANIES
Contact Type: Not reported

RED APPLE COMPANIES (Continued) **A100295753**

Contact Name:	VICTOR ANGELILLO
Address1:	823 11TH AVENUE
Address2:	6TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 974-0780
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29639
Affiliation Type:	On-Site Operator
Company Name:	RED APPLE COMPANIES
Contact Type:	Not reported
Contact Name:	LOUIS SKEETE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 956-5700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	63514
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Temporarily Out of Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported

RED APPLE COMPANIES (Continued) **A100295753**

Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

AF300 **EDR US Hist Auto Stat** **1015648339**
North **823 11TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.183 mi.
967 ft. **Site 2 of 24 in cluster AF**

Relative:
Higher

Actual:
25 ft.

EDR Historical Auto Stations:
Name: WTC AUTO CENTER
Year: 2000
Address: 823 11TH AVE

AG301 **CON ED - V 5645** **RCRA NonGen / NLR** **1007205360**
NNW **618 W 55 ST** **NY MANIFEST** **NYP000930065**
1/8-1/4 **MANHATTAN, NY 10019**
0.183 mi.
967 ft. **Site 1 of 8 in cluster AG**

Relative:
Lower

Actual:
17 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/28/1998
Facility name: CON ED - V 5645
Facility address: 618 W 55 ST
MANHATTAN, NY 100190000
EPA ID: NYP000930065
Mailing address: CONSOLIDATED EDISON INC
4 IRVING PL - ROOM 300
NEW YORK, NY 100030000
Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC
NEW YORK, NY 100030000
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

CON ED - V 5645 (Continued) **1007205360**

Historical Generators:
Date form received by agency: 02/27/1998
Facility name: CON ED - V 5645
Classification: Not a generator, verified

Date form received by agency: 02/26/1998
Facility name: CON ED - V 5645
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP000930065
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYG0125559
Manifest Status: Completed copy
Trans1 State ID: GX3216
Trans2 State ID: Not reported
Generator Ship Date: 970411
Trans1 Recv Date: 970411
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970411
Part A Recv Date: 970424
Part B Recv Date: 970428
Generator EPA ID: NYP000930065
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity: 01073
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 97

AD302 **CON EDISON** **NY MANIFEST** **S112210885**
ESE **416 W 53RD ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.183 mi.
968 ft. **Site 3 of 8 in cluster AD**

Relative:
Higher

Actual:
54 ft.

NY MANIFEST:

EPA ID:	NYP004270856
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270856
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457321JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210885**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270856
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457321JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AF303 **EDR US Hist Auto Stat** **1015576979**
North **614 W 56TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.184 mi.
969 ft. **Site 3 of 24 in cluster AF**

Relative:
Higher

Actual:
22 ft.

EDR Historical Auto Stations:

Name:	HARVEY LUCKMAN MOTORCAR LIMITED
Year:	1999
Address:	614 W 56TH ST
Name:	AUTOTECH COLLISION
Year:	2000
Address:	614 W 56TH ST
Name:	BRITISH MOTOR CARS OF NEW YORK LTD
Year:	2001
Address:	614 W 56TH ST
Name:	BRITISH MOTOR CARS OF NEW YORK LTD
Year:	2002
Address:	614 W 56TH ST
Name:	BRITISH MOTOR CARS
Year:	2003

(Continued) **1015576979**

Address: 614 W 56TH ST

Name: HARVEY LUCKMAN MOTORCAR LTD
Year: 2005
Address: 614 W 56TH ST

Name: BRITISH MOTOR CARS OF NEW YORK
Year: 2007
Address: 614 W 56TH ST

Name: BRITISH MOTOR CARS OF NEW YORK INC
Year: 2008
Address: 614 W 56TH ST

Name: BRITISH MOTOR CARS OF NEW YORK INC
Year: 2009
Address: 614 W 56TH ST

Name: HARVEY LUCKMAN MOTORCAR LTD
Year: 2010
Address: 614 W 56TH ST

Name: HARVEY LUCKMAN MOTORCAR LTD
Year: 2011
Address: 614 W 56TH ST

Name: HARVEY LUCKMAN MOTORCAR LTD
Year: 2012
Address: 614 W 56TH ST

AF304 **AUTOTECH COLLISION** **RCRA NonGen / NLR** **1001968773**
North **614 W 56TH ST** **FINDS** **NYN008007999**
1/8-1/4 **NEW YORK, NY 10019**
0.184 mi.
969 ft. **Site 4 of 24 in cluster AF**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: AUTOTECH COLLISION
Facility address: 614 W 56TH ST
NEW YORK, NY 10019
EPA ID: NYN008007999
Mailing address: W 56TH ST
NEW YORK, NY 10019
Contact: Not reported
Contact address: W 56TH ST
NEW YORK, NY 10019
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NON REGULATED

AUTOTECH COLLISION (Continued) **1001968773**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NON REGULATED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: AUTOTECH COLLISION
Classification: Not a generator, verified

Date form received by agency: 03/03/2000
Facility name: AUTOTECH COLLISION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/03/2000
Facility name: AUTOTECH COLLISION
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 40CFR260.11
Area of violation: Generators - General
Date violation determined: 02/11/2000
Date achieved compliance: 02/11/2000
Violation lead agency: EPA
Enforcement action: VERBAL INFORMAL

AUTOTECH COLLISION (Continued) **1001968773**

Enforcement action date: 02/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/11/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/11/2000
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004510547

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AB305 **CON EDISON** **NY MANIFEST** **S112817677**
NE **860 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.184 mi.
972 ft. **Site 14 of 15 in cluster AB**

Relative:
Higher

Actual:
52 ft.

NY MANIFEST:
EPA ID: NYP004275848
Country: USA
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address: 4 IRVING PL 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

NY MANIFEST:
No Manifest Records Available

S306 **SHERLE WAGNER INTL** **RCRA NonGen / NLR** **1004756070**
NNW **630 W 55TH ST** **FINDS** **NY0001009851**
1/8-1/4 **NEW YORK, NY 10019**
0.185 mi.
977 ft. **Site 2 of 2 in cluster S**

Relative:
Lower

Actual:
16 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	SHERLE WAGNER INTL
Facility address:	630 W 55TH ST NEW YORK, NY 10019
EPA ID:	NY0001009851
Mailing address:	W 55TH ST NEW YORK, NY 10019
Contact:	HARRY ENGEL
Contact address:	W 55TH ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	(212) 581-5849
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LARSTRAND CORP
Owner/operator address:	22 E 65TH ST NEW YORK, NY 10021
Owner/operator country:	US
Owner/operator telephone:	(212) 744-3300
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	LARSTRAND CORP
Owner/operator address:	22 E 65TH ST NEW YORK, NY 10021
Owner/operator country:	US
Owner/operator telephone:	(212) 744-3300
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

SHERLE WAGNER INTL (Continued) **1004756070**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: SHERLE WAGNER INTL
Classification: Not a generator, verified

Date form received by agency: 01/19/1995
Facility name: SHERLE WAGNER INTL
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001615020

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AE307 **EDR US Hist Auto Stat** **1015576977**
WSW **614 W 49TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.185 mi.
978 ft. **Site 2 of 11 in cluster AE**

Relative:
Lower

Actual:
20 ft.

EDR Historical Auto Stations:
Name: S T AUTOMOTIVE CORPORATION
Year: 1999
Address: 614 W 49TH ST

Name: AUTO GLASS NETWORK
Year: 2001
Address: 614 W 49TH ST

Name: 49TH ST AUTO CLINIC & BODY SP
Year: 2002
Address: 614 W 49TH ST

Name: 49TH ST AUTO CLINIC & BODY SP
Year: 2005
Address: 614 W 49TH ST

Name: 49TH ST AUTO CLINIC & BODY SPA
Year: 2006
Address: 614 W 49TH ST

Name: 49TH STREET AUTO CLINIC & BODY SPA
Year: 2007
Address: 614 W 49TH ST

(Continued) **1015576977**

Name: 49TH ST AUTO CLINIC & BODY SP
Year: 2008
Address: 614 W 49TH ST

Name: 49TH ST AUTO CLINIC & BODY SP
Year: 2009
Address: 614 W 49TH ST

Y308 **431 WEST 54TH STREET** **NY AST** **U003395470**
East **431 WEST 54TH STREET** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10025**
0.186 mi.
980 ft. **Site 10 of 12 in cluster Y**

Relative:
Higher

Actual:
56 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-511269
Program Type: PBS
UTM X: 585447.50182999996
UTM Y: 4513328.5745099997
Expiration Date: 2016/02/06

Affiliation Records:
Site Id: 21930
Affiliation Type: Facility Owner
Company Name: 431 WEST 54TH STREET, INC.C/O ARTHUR I. WEINSTEIN
Contact Type: SECRETARY
Contact Name: ARTHUR WEINSTEIN
Address1: 924 WEST END AVE., SUITE 4
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10025
Country Code: 001
Phone: (212) 222-5034
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 3/6/2012

Site Id: 21930
Affiliation Type: Mail Contact
Company Name: C/O ARTHUR I. WEINSTEIN
Contact Type: Not reported
Contact Name: 431 WEST 54TH STREET, INC
Address1: 924 WEST END AVE., SUITE 4
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10025
Country Code: 001
Phone: (212) 222-5034
EMail: AIW@AWEINSTEIN.COM
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 3/6/2012

431 WEST 54TH STREET (Continued) **U003395470**

Site Id:	21930
Affiliation Type:	On-Site Operator
Company Name:	431 WEST 54TH STREET
Contact Type:	Not reported
Contact Name:	ANDONIA JEMINEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 222-5034
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	3/6/2012

Site Id:	21930
Affiliation Type:	Emergency Contact
Company Name:	431 WEST 54TH STREET, INC.C/O ARTHUR I. WEINSTEIN
Contact Type:	Not reported
Contact Name:	ANDONIA JEMINEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 222-5034
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	3/6/2012

Tank Info:

Tank Number:	001
Tank Id:	39823
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported

431 WEST 54TH STREET (Continued) **U003395470**

Install Date:	01/01/1975
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CGFREEDM
Last Modified:	03/06/2012

HIST AST:

PBS Number:	2-511269
SWIS Code:	6201
Operator:	ARTURO FLORES
Facility Phone:	(212) 222-5034
Facility Addr2:	431 WEST 54TH STREET
Facility Type:	APARTMENT BUILDING
Emergency:	BAERENKLAU FUEL OIL
Emergency Tel:	(212) 663-4400
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	431 WEST 54TH STREET, INC.
Owner Address:	924 WEST END AVE.C/O ARTHUR I. WEINSTEIN
Owner City,St,Zip:	NEW YORK, NY 10025
Federal ID:	Not reported
Owner Tel:	(212) 222-5034
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	431 WEST 54TH STREET, INC
Mailing Name:	C/O ARTHUR I. WEINSTEIN
Mailing Address:	924 WEST END AVENUE SUITE #4
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK,, NY 10025
Mailing Telephone:	(212) 222-5034
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	06/28/2001
Expiration:	02/06/2006
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

431 WEST 54TH STREET (Continued) **U003395470**

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AE309 **EDR US Hist Auto Stat** **1015597930**
SW **677 11TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.186 mi.
980 ft. **Site 3 of 11 in cluster AE**

Relative:
Higher

Actual:
22 ft.

EDR Historical Auto Stations:

Name:	COLLISION CAPITAL GROUP INC
Year:	2002
Address:	677 11TH AVE
Name:	COLLISION CAPITAL GROUP INC
Year:	2003
Address:	677 11TH AVE
Name:	COLLISION CAPITAL GROUP INC
Year:	2004
Address:	677 11TH AVE

AE310 **MARTIN HONDA** **RCRA NonGen / NLR** **1000411898**
SW **677 11TH AVE** **FINDS** **NYD151248648**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.186 mi.
980 ft. **Site 4 of 11 in cluster AE**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MARTIN HONDA
Facility address:	677 11TH AVE

MARTIN HONDA (Continued) **1000411898**

NEW YORK, NY 100197050
EPA ID: NYD151248648
Mailing address: 11TH AVE - ACCTS PAYABLE
NEW YORK, NY 10019
Contact: Not reported
Contact address: 11TH AVE - ACCTS PAYABLE
NEW YORK, NY 10019
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MARTIN MOTOR SALES INC CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MARTIN MOTOR SALES INC CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MARTIN HONDA
Classification: Not a generator, verified

MARTIN HONDA (Continued) **1000411898**

Date form received by agency: 07/08/1999
Facility name: MARTIN HONDA
Classification: Not a generator, verified

Date form received by agency: 08/17/1989
Facility name: MARTIN HONDA
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004384256

Environmental Interest/Information System
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NY MANIFEST:
EPA ID: NYD151248648
Country: USA
Mailing Name: MARTINS HONDA
Mailing Contact: MARTINS HONDA
Mailing Address: 677 11TH AVE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-974-1010

Document ID: NJA1375495
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920925
Trans1 Recv Date: 920925
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920925
Part A Recv Date: Not reported
Part B Recv Date: 921007
Generator EPA ID: NYD151248648
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00090
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels

MARTIN HONDA (Continued) **1000411898**

Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1612288
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921215
Trans1 Recv Date:	921215
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921215
Part A Recv Date:	930106
Part B Recv Date:	921229
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1422005
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920810
Trans1 Recv Date:	920810
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920810
Part A Recv Date:	Not reported
Part B Recv Date:	920825
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA1432535
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported

MARTIN HONDA (Continued) **1000411898**

Generator Ship Date:	921102
Trans1 Recv Date:	921102
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921102
Part A Recv Date:	Not reported
Part B Recv Date:	921118
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	92

Document ID:	NJA0707576
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900116
Trans1 Recv Date:	900116
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900116
Part A Recv Date:	900129
Part B Recv Date:	900123
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NJA0710443
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891227
Trans1 Recv Date:	891227

MARTIN HONDA (Continued) **1000411898**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891227
Part A Recv Date:	900109
Part B Recv Date:	900102
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA0732284
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900130
Trans1 Recv Date:	900130
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900130
Part A Recv Date:	900209
Part B Recv Date:	900214
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0706704
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	891205
Trans1 Recv Date:	891205
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891205
Part A Recv Date:	900116
Part B Recv Date:	891212
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES

MARTIN HONDA (Continued) **1000411898**

Quantity: 00090
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 89

Document ID: NJA1456866
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920701
Trans1 Recv Date: 920701
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920702
Part A Recv Date: Not reported
Part B Recv Date: 920714
Generator EPA ID: NYD151248648
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00090
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA2150398
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 950426
Trans1 Recv Date: 950426
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950426
Part A Recv Date: Not reported
Part B Recv Date: 950505
Generator EPA ID: NYD151248648
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00014
Units: G - Gallons (liquids only)* (8.3 pounds)

MARTIN HONDA (Continued) **1000411898**

Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NJA0732548
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 890908
Trans1 Recv Date: 890908
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890908
Part A Recv Date: 891101
Part B Recv Date: 890922
Generator EPA ID: NYD151248648
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00090
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NJA0709687
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 891101
Trans1 Recv Date: 891101
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891101
Part A Recv Date: 891218
Part B Recv Date: 891121
Generator EPA ID: NYD151248648
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00090
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels

MARTIN HONDA (Continued) **1000411898**

Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NJA0802869
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEP8690
Trans2 State ID:	Not reported
Generator Ship Date:	900606
Trans1 Recv Date:	900606
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900606
Part A Recv Date:	900725
Part B Recv Date:	900725
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0703300
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900319
Trans1 Recv Date:	900319
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900319
Part A Recv Date:	900411
Part B Recv Date:	900329
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00090
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

MARTIN HONDA (Continued) **1000411898**

Year: 90

Document ID: NJA1634158
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 930420
Trans1 Recv Date: 930420
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930420
Part A Recv Date: Not reported
Part B Recv Date: 930510
Generator EPA ID: NYD151248648
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00015
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 93

Document ID: NJA1412671
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920923
Trans1 Recv Date: 920923
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920923
Part A Recv Date: Not reported
Part B Recv Date: 921005
Generator EPA ID: NYD151248648
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00036
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1617018
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 930326
Trans1 Recv Date: 930326

MARTIN HONDA (Continued) **1000411898**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930326
Part A Recv Date:	930405
Part B Recv Date:	930409
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00015
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Document ID:	NJA1641557
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930201
Trans1 Recv Date:	930201
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930201
Part A Recv Date:	930218
Part B Recv Date:	930212
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00015
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Document ID:	NJA1653187
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930301
Trans1 Recv Date:	930301
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930301
Part A Recv Date:	930311
Part B Recv Date:	930312
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP

MARTIN HONDA (Continued) **1000411898**

Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Document ID:	NJA1625054
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930520
Trans1 Recv Date:	930520
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930520
Part A Recv Date:	930609
Part B Recv Date:	930615
Generator EPA ID:	NYD151248648
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00006
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

Click this hyperlink while viewing on your computer to access
39 additional NY_MANIFEST: record(s) in the EDR Site Report.

AE311 **EDR US Hist Auto Stat** **1015577935**
WSW **616 W 49TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.186 mi.
984 ft. **Site 5 of 11 in cluster AE**

Relative:
Lower

Actual:
19 ft.

EDR Historical Auto Stations:

Name:	47 ST AUTO CLINIC & BODY SHOP INCORPORATED
Year:	1999
Address:	616 W 49TH ST
Name:	47 ST AUTO CLINIC & BODY SHOP INCORPORATED
Year:	2000
Address:	616 W 49TH ST
Name:	MANHATTAN AUTO GLASS
Year:	2001
Address:	616 W 49TH ST
Name:	49 ST AUTO CLINIC CORP
Year:	2002
Address:	616 W 49TH ST

(Continued) **1015577935**

Name: 47 ST AUTO CLINIC & BODY SHOP
Year: 2003
Address: 616 W 49TH ST

AE312 **660 12TH AVE (A/K/A)** **NY LTANKS** **S104877137**
WSW **618-628 W 49TH ST** **N/A**
1/8-1/4 **NEW YORK, NY**
0.188 mi.
991 ft. **Site 6 of 11 in cluster AE**

Relative:
Lower

Actual:
19 ft.

LTANKS:

Site ID:	331291
Spill Number/Closed Date:	0008970 / 2/4/2002
Spill Date:	11/1/2000
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	11/2/2000
CID:	390
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	11/2/2000
Spill Record Last Update:	2/4/2002
Spiller Name:	SAL RUSSO
Spiller Company:	PARKING LOT..
Spiller Address:	660 12TH AVE (SAME ADDRS)
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	SAL RUSSO
Spiller Phone:	(516) 239-8823
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	266445
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"On August 15, 2001, DEC Sigona received spill closure report from AKRF dated August 14, 2001. See file for details and copy of report.12/01 Spill re-assigned to SangeslandAKRF submitted a letter dated Dec 27, 2001 which included a second copy of the Aug 14, 2001 report and a series of photographs showing the complete excavation of the city block down to bedrock.There was a problem with the PBS registration on the site. Sangesland asked AKRF to re-submit the PBS forms with the correct address (old PBS had the wrong city block) along with info on ALL of the tanks found and removed from the site.From a technical/environmental point of view the site is clean and will be closed out as soon as all of the administrative paperwork has been submitted and reviewed. 2/4/2002 AKRF has submitted copies of all updated PBS registration forms (PBS # 2-604810). All tanks have been removed from the site. The whole site has been excavated

660 12TH AVE (A/K/A) (Continued) **S104877137**

down to bedrock. All petroleum related contamination on this site has been removed.Spill Closed.

Remarks: UNDERGROUND STORAGE TANK FAILED OVER TIME AND CAUSED SOIL CONTAMINATION - SOIL WILL BE STOCKPILED

Material:

Site ID:	331291
Operable Unit ID:	829563
Operable Unit:	01
Material ID:	546472
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AE313 **EDR US Hist Auto Stat** **1015578577**
WSW **618 W 49TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.188 mi.
991 ft. **Site 7 of 11 in cluster AE**

Relative:
Lower

Actual:
19 ft.

EDR Historical Auto Stations:

Name:	PERSONAL CARE AUTO REPAIR INCORPORATED
Year:	1999
Address:	618 W 49TH ST
Name:	PERSONAL CARE AUTO REPAIR INCORPORATED
Year:	2000
Address:	618 W 49TH ST
Name:	PERSONAL CARE AUTO REPAIR INC
Year:	2001
Address:	618 W 49TH ST
Name:	PERSONAL CARE AUTO REPAIR INC
Year:	2002
Address:	618 W 49TH ST
Name:	PERSONAL CARE AUTO REPAIR INC
Year:	2003
Address:	618 W 49TH ST

AF314 **56TH STREET INCINERATOR** **RCRA-CESQG** **1000264432**
North **W 56TH ST** **FINDS** **NYD982528242**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.188 mi.
991 ft. **Site 5 of 24 in cluster AF**

Relative:
Higher

Actual:
22 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	56TH STREET INCINERATOR
Facility address:	W 56TH ST NEW YORK, NY 10019
EPA ID:	NYD982528242
Mailing address:	BEAVER ST NEW YORK, NY 10004
Contact:	JOHN S PAWLOWSKI
Contact address:	BEAVER ST NEW YORK, NY 10004
Contact country:	US
Contact telephone:	(917) 237-5985
Contact email:	JPAWLOWSKI@PACE.EDU
EPA Region:	02
Land type:	Municipal
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CITY OF NEW YORK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF NY DEPARTMENT OF SANITATION
Owner/operator address:	BEAVER ST NEW YORK, NY 10004
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/1979
Owner/Op end date:	Not reported

56TH STREET INCINERATOR (Continued) **1000264432**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: 56TH STREET INCINERATOR
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/17/2004
Facility name: 56TH STREET INCINERATOR
Classification: Large Quantity Generator

Date form received by agency: 11/18/2002
Facility name: 56TH STREET INCINERATOR
Site name: NYC DEPT OF SANITATION
Classification: Large Quantity Generator

Date form received by agency: 11/04/1996
Facility name: 56TH STREET INCINERATOR
Site name: NYC DEPARTMENT OF SANITATION
Classification: Large Quantity Generator

Date form received by agency: 01/27/1988
Facility name: 56TH STREET INCINERATOR
Site name: SANITATION WAREHOUSE
Classification: Not a generator, verified

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 10/07/1996
Date achieved compliance: 11/05/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/07/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

56TH STREET INCINERATOR (Continued) **1000264432**

Evaluation Action Summary:
Evaluation date: 01/01/1996
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 11/05/1996
Evaluation lead agency: State

FINDS:

Registry ID: 110002341984

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NY MANIFEST:
EPA ID: NYD982528242
Country: USA
Mailing Name: NEW YORK CITY DEPT OF SANITATION
Mailing Contact: J LAWLER
Mailing Address: 620 W 56TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-386-9652

Document ID: NJA2023123
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: S50078
Trans2 State ID: Not reported
Generator Ship Date: 950103

56TH STREET INCINERATOR (Continued) **1000264432**

Trans1 Recv Date:	950125
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950126
Part A Recv Date:	Not reported
Part B Recv Date:	950209
Generator EPA ID:	NYD982528242
Trans1 EPA ID:	NYD006801245
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00440
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NYB7680852
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	04/24/2003
Trans1 Recv Date:	04/24/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/28/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982528242
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	AF805BNJ
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	13000
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2003

Document ID:	NYG2606211
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	06/07/2001
Trans1 Recv Date:	06/07/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/11/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982528242
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported

56TH STREET INCINERATOR (Continued) **1000264432**

Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	44580
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYG2606229
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	PAD146714878
Generator Ship Date:	06/07/2001
Trans1 Recv Date:	06/07/2001
Trans2 Recv Date:	06/10/2001
TSD Site Recv Date:	06/11/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982528242
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	TV05098PA
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	43060
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYG2606238
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	06/08/2001
Trans1 Recv Date:	06/08/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/12/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982528242
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	AE63769PA
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	20680
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

56TH STREET INCINERATOR (Continued) **1000264432**

Document ID:	NYG2606247
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	06/08/2001
Trans1 Recv Date:	06/08/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/11/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982528242
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	AE50394PA
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	28560
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYG2606256
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	PAD146714878
Generator Ship Date:	06/11/2001
Trans1 Recv Date:	06/11/2001
Trans2 Recv Date:	06/12/2001
TSD Site Recv Date:	06/12/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982528242
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	AE50394PA
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	25620
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYG2606274
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	06/13/2001
Trans1 Recv Date:	06/13/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/14/2001
Part A Recv Date:	Not reported

56TH STREET INCINERATOR (Continued) **1000264432**

Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: XB38895PA
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 17640
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2606283
Manifest Status: Not reported
Trans1 State ID: PAD146714878
Trans2 State ID: Not reported
Generator Ship Date: 07/11/2001
Trans1 Recv Date: 07/11/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/12/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: AE63769PA
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 28960
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2606301
Manifest Status: Not reported
Trans1 State ID: PAD146714878
Trans2 State ID: Not reported
Generator Ship Date: 07/11/2001
Trans1 Recv Date: 07/11/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/13/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: AE50394PA
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 19600
Units: P - Pounds
Number of Containers: 001

56TH STREET INCINERATOR (Continued) **1000264432**

Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG1717227
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 01/30/2001
Trans1 Recv Date: 01/30/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/30/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID: AA395ENJ
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2454174
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 01/03/2001
Trans1 Recv Date: 01/03/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/03/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID: AA396ENJ
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2454183
Manifest Status: Not reported
Trans1 State ID: NJD054126164

56TH STREET INCINERATOR (Continued) **1000264432**

Trans2 State ID: Not reported
Generator Ship Date: 01/05/2001
Trans1 Recv Date: 01/05/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/05/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID: AA395ENJ
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2454192
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 01/05/2001
Trans1 Recv Date: 01/05/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/11/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID: AA394ENJ
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2454201
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 01/04/2001
Trans1 Recv Date: 01/04/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/04/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD082785429

56TH STREET INCINERATOR (Continued) **1000264432**

Trans2 EPA ID: Not reported
TSDF ID: AA394ENJ
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2454219
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 01/03/2001
Trans1 Recv Date: 01/03/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/03/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID: AA395ENJ
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2422566
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 04/04/2001
Trans1 Recv Date: 04/04/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/09/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: AA392ENJ
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 19640
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

56TH STREET INCINERATOR (Continued) **1000264432**

Year: 2001

Document ID: NYG2422575
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 04/05/2001
Trans1 Recv Date: 04/05/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/12/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: 0440486ME
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 33080
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2422584
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 04/05/2001
Trans1 Recv Date: 04/05/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/12/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982528242
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: 0440514ME
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 40440
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG2422593
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 04/13/2001
Trans1 Recv Date: 04/13/2001

56TH STREET INCINERATOR (Continued) **1000264432**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/24/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982528242
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	AA392ENJ
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	28220
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

Click this hyperlink while viewing on your computer to access
3 additional NY_MANIFEST: record(s) in the EDR Site Report.

AA315 **EDR US Hist Auto Stat** **1015579607**
WSW **620 W 49TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.189 mi.
998 ft. **Site 2 of 7 in cluster AA**

Relative:
Lower

Actual:
19 ft.

EDR Historical Auto Stations:

Name:	COMPETITION AUTO RECOVERY & TOWING INCORPORATED
Year:	1999
Address:	620 W 49TH ST

AE316 **EDR US Hist Auto Stat** **1015597515**
SW **675 11TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.190 mi.
1004 ft. **Site 8 of 11 in cluster AE**

Relative:
Higher

Actual:
22 ft.

EDR Historical Auto Stations:

Name:	GOODYEAR TIRE & AUTO CTR
Year:	2001
Address:	675 11TH AVE
Name:	GOODYEAR TIRE & AUTO CTR
Year:	2003
Address:	675 11TH AVE
Name:	YITZ NYS AUTO INSPECTORS
Year:	2010
Address:	675 11TH AVE
Name:	YITZ N Y S AUTO INSPECTORS
Year:	2011
Address:	675 11TH AVE
Name:	YITZ N Y S AUTO INSPECTORS
Year:	2012

(Continued) **1015597515**

Address: 675 11TH AVE

Y317 **CON EDISON** **NY MANIFEST** **S112210926**
East **425 W 54TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.195 mi.
1029 ft. **Site 11 of 12 in cluster Y**

Relative:
Higher

Actual:
57 ft.

NY MANIFEST:

EPA ID:	NYP004271300
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271300
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457304JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AC318 **CON EDISON** **NY MANIFEST** **S112210962**
East **436 W 55 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.195 mi.
1032 ft. **Site 2 of 4 in cluster AC**

Relative:
Higher

Actual:
60 ft.

NY MANIFEST:

EPA ID:	NYP004271664
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-02
Trans1 Recv Date:	2012-10-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271664
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457289JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AA319 **WEST 49TH ST SUB-STATION** **NY LTANKS** **S104496063**
WSW **637 WEST 49TH ST** **NY Spills** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.196 mi.
1037 ft. **Site 3 of 7 in cluster AA**

Relative:
Lower

Actual:
18 ft.

LTANKS:

Site ID:	320303
Spill Number/Closed Date:	0306463 / 10/15/2003
Spill Date:	9/18/2003
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	9/18/2003
CID:	365
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/18/2003
Spill Record Last Update:	10/27/2003
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY 10003
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	193697
DEC Memo:	9-18-0 @ 12:05P Keelan #19995 reports that while refueling the diesel vault @ w 49 st sub station (637 w 49 st). W Zwirz #20206 discovered that 10 gallons of diesel fuel had spilled onto the concrete floor of the structure. There was or is no smoke or fire involved . No sewer or waterway affected. No injuries and weather had noaffect. Spill was caused by overfilling the tank and it spilled from the diesel tank vent line. No measuring device used to determine the amount of the spill. No private property affected. Oil absorbent pads and socks were applied to contain the spill. Cleanup pending .....J Moran CIG P Didonato # 01669 notified @ 12:33 J Moran #09/18/03While filling up the main diesel tank the day tank overflowed spilling approx ten gallons of oil out of the vent line on the corrugated roof of the desiel generator. The oil ran down the sides of the shed onto concrete. Speedy dry and pads were used to clean the roof walls and concrete. The day tank oil level was lowered and there is no further leaking equipment. Spill cleanup was supervised by Mike Butchar using SSM personnel.P.Keelan
Remarks:	contained inside the structure - clean up pending - ref #150395

WEST 49TH ST SUB-STATION (Continued) **S104496063**

Material:

Site ID:	320303
Operable Unit ID:	875225
Operable Unit:	01
Material ID:	503685
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	9807609
DER Facility ID:	193697
Facility Type:	ER
Site ID:	125026
DEC Region:	2
Spill Date:	9/22/1998
Spill Number/Closed Date:	9807609 / 11/5/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	9/22/1998
CID:	211
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/22/1998
Spill Record Last Update:	11/12/2003
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	999
Contact Name:	FRANK MASSERIA
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"Con Ed e2mis #119949:9/22/98 1210pm2 drops dielectric fluid leaking from 5" pipe of feeder M55 going to the cooling plant in the fire pump room. Leaked onto concrete floor. 10/14/98 Area was

WEST 49TH ST SUB-STATION (Continued) **S104496063**

cleaned and containment set up. Sample was taken but there was insufficient material to run sample. A sample will be taken prior to disposal. Repairs pending outage.On January 7, 2003 a inspection was performed of W49 St substation. Joe Susco, Robert Sanchez, Patrick Keelan, Mike Butchar represented SSO. Kerry Foley represented the DEC. This incident was inspected and all agreed that the source of the initial spill was a leaking valve that was reported under incident # 129845.Ms. Foley agreed to close out this incident and keep the incident for the source of the spill open until repairs are completed. Clean up of this incident was completed and the spill tag was removed.DEC Notes:9/22/98 ERT Dan Shah-1:20pm, he is going to instruct station not to sample but to clean as 50-499ppm PCB.1/7/03 Inspected equipment. No leaks were seen. Cleanup appears to have been completed. (KMF)

Remarks: 5 INCH PIPE LEAKING - 2 DROPS SPILLED - NO CLEAN - SAMPLE TAKEN TO DETERMINE PCB COUNT

Material:

Site ID:	125026
Operable Unit ID:	1068674
Operable Unit:	01
Material ID:	318691
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9907446
DER Facility ID:	193697
Facility Type:	ER
Site ID:	235166
DEC Region:	2
Spill Date:	9/21/1999
Spill Number/Closed Date:	9907446 / 7/31/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	9/21/1999
CID:	266
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

WEST 49TH ST SUB-STATION (Continued) **S104496063**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/21/1999
Spill Record Last Update:	7/31/2003
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY 10003
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"see spill #0209963
Remarks:	CIRCULATING PLANT 5, FEEDER M52. LEAK FROM A VALVE. 1 PINT OF DIELECTRIC FLUID SPILLED ONTO METAL FLOOR. NON-PCB. LEAK TO BE REPAIRED. TO BE CLEANED UP. CON EDISON REFERENCE NUMBER 127919.

Material:

Site ID:	235166
Operable Unit ID:	1086025
Operable Unit:	01
Material ID:	300151
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Yes
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0306511
DER Facility ID:	193697
Facility Type:	ER
Site ID:	125018
DEC Region:	2
Spill Date:	9/19/2003
Spill Number/Closed Date:	0306511 / 3/24/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	9/19/2003
CID:	405
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

WEST 49TH ST SUB-STATION (Continued) **S104496063**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/19/2003
Spill Record Last Update:	3/24/2006
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY 10003
Spiller Company:	001
Contact Name:	PAUL DIDONATO
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"Consolidated under DEC # 0002070. (JHO, 3/24/06)~~~~~~~~~~~~~~~~~~~~~~~~~~~~E2MIS 150-411:9/19/03 11:25 hrs.Pat Keelan #19995 found at 11:00 hrs. approx. 1 pint of transformer oil had leaked from the radiator pump of transformer no. 5 onto the bluestone at the W. 49th Street Substation. Mr. Keelan was performing a station inspection when he discovered the spill. Spill tag #S-01864 to be installed. No samples taken since there is prior historical knowledge. No intitial cleanup action taken. Cleanup is pending. The operator will place pads down.
Remarks:	transformer leaked in the substation - 1 pint leaked onto blue stone - spill is contained and clean up pending - con ed # 150411

Material:

Site ID:	125018
Operable Unit ID:	872992
Operable Unit:	01
Material ID:	503731
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9506757
DER Facility ID:	193697
Facility Type:	ER
Site ID:	75117
DEC Region:	2
Spill Date:	9/1/1995
Spill Number/Closed Date:	9506757 / 7/23/2004
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	9/1/1995
CID:	Not reported

WEST 49TH ST SUB-STATION (Continued) **S104496063**

Water Affected:	Not reported
Spill Source:	Major Facility > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/6/1995
Spill Record Last Update:	7/23/2004
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NN
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"7/23/04: Con Ed submitted copy of 10/2/95 notification letter to DEP, which states: "DescriQtion of Areas Affected by Release:Bluestone and soil beneath the pothead. Inside Con Edison fence, but within 100M of property line. No entry into sewers or waterways. The cable oil was contained by absorbent pads. The contaminated bluestone and sub-soil were excavated and replaced with new bluestone." Close out. (JHO)
Remarks:	LEAK IN "C" PHASE POT HEAD - 138KV FEEDER 38M74 - 1 PINT

Material:

Site ID:	75117
Operable Unit ID:	1017488
Operable Unit:	01
Material ID:	364717
Material Code:	0016A
Material Name:	NON PCB OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Yes
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9805711
DER Facility ID:	193697
Facility Type:	ER
Site ID:	125025
DEC Region:	2
Spill Date:	8/7/1998
Spill Number/Closed Date:	9805711 / 11/6/2003
Spill Cause:	Equipment Failure
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

WEST 49TH ST SUB-STATION (Continued) **S104496063**

SWIS:	3101
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	8/7/1998
CID:	312
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/7/1998
Spill Record Last Update:	11/12/2003
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Company:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"Con Ed e2mis #118907:8/7/98 1412hrsLeaked 4oz tranmission feeder oil from pothead flanges of fdr 38M74 and 45. Hit bluestone.8/26/98 TO Tallini reports one flange was re-tightened and the leak from that flange was stopped. Second flange requires an outage for repairs.Used absorbants to remove residual fluids. Removed/recovered liquids/solids. Removed visible traces of oil. Washed stained areas. Cleanup completed on 10/9/98 1400hrs.DEC Notes:1/7/03 Inspected. No evidence of spill or leak apparent. (KMF)
Remarks:	4 ounces spilled out of defective pothead onto bluestone

Material:

Site ID:	125025
Operable Unit ID:	1063489
Operable Unit:	01
Material ID:	320454
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

AG320 **625 WEST 55TH STREET** **NY AST** **A100175375**
NNW **625 WEST 55TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.198 mi.
1043 ft. **Site 2 of 8 in cluster AG**

Relative:
Lower

Actual:
16 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605067
Program Type:	PBS
UTM X:	585028.47363000002
UTM Y:	4513637.4933399996
Expiration Date:	2016/01/29

Affiliation Records:

Site Id:	26936
Affiliation Type:	Facility Owner
Company Name:	625 WEST 55TH LLC C/O NATIONWIDE MDMT CORP.
Contact Type:	MANAGER
Contact Name:	ROBERT FISHER
Address1:	6 EAST 46TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(212) 867-4970
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/18/2010

Site Id:	26936
Affiliation Type:	Mail Contact
Company Name:	NATIONWIDE MANAGEMENT CORPORATION
Contact Type:	Not reported
Contact Name:	MR. ROBERT FISHER
Address1:	6 EAST 46TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(212) 867-4970
EMail:	RFISHER@NWMGMT.COM
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/18/2010

Site Id:	26936
Affiliation Type:	On-Site Operator
Company Name:	625 WEST 55TH STREET
Contact Type:	Not reported
Contact Name:	ROBERT FISHER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

625 WEST 55TH STREET (Continued) **A100175375**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 867-4970
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26936
Affiliation Type:	Emergency Contact
Company Name:	625 WEST 55TH LLC % NATIONWIDE MDMT CORP.
Contact Type:	Not reported
Contact Name:	JOSE HERNANDEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 582-5188
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/23/2005

Tank Info:

Tank Number:	001
Tank Id:	59393
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
J00 - Dispenser - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1955
Capacity Gallons:	7200
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

625 WEST 55TH STREET (Continued) **A100175375**

Modified By: BVCAMPBE
Last Modified: 11/18/2010

AG321 **PORSCHE AUDI MANHATTAN** **RCRA NonGen / NLR** **1000378105**
NNW **625 W 55TH ST** **FINDS** **NYD982790156**
1/8-1/4 **NEW YORK, NY 10019**
0.198 mi.
1043 ft. **Site 3 of 8 in cluster AG**

Relative:
Lower

Actual:
16 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: PORSCHE AUDI MANHATTAN
Facility address: 625 W 55TH ST
NEW YORK, NY 100193507
EPA ID: NYD982790156
Mailing address: W 55TH ST
NEW YORK, NY 10019
Contact: Not reported
Contact address: W 55TH ST
NEW YORK, NY 10019
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WORLDWIDE VOLKSWAGEN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: WORLDWIDE VOLKSWAGEN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

PORSCHE AUDI MANHATTAN (Continued) **1000378105**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: PORSCHE AUDI MANHATTAN
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: PORSCHE AUDI MANHATTAN
Classification: Not a generator, verified

Date form received by agency: 09/25/1989
Facility name: PORSCHE AUDI MANHATTAN
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110009476520

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AH322 **ATTILIO VLASICA AND NINA MILIN** **NY AST** **U003388299**
South **694 TENTH AVE** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.198 mi.
1044 ft. **Site 1 of 10 in cluster AH**

Relative:
Higher

Actual:
39 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-269352
Program Type: PBS
UTM X: 585082.51061
UTM Y: 4513033.60843
Expiration Date: N/A

Affiliation Records:
Site Id: 11266
Affiliation Type: Facility Owner
Company Name: ATTILIO, VLASICA AND NINA MILIN
Contact Type: Not reported
Contact Name: Not reported

ATTILIO VLASICA AND NINA MILIN (Continued) **U003388299**

Address1:	694 10TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 246-2672
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11266
Affiliation Type:	Mail Contact
Company Name:	ATTILIO VLASICA AND NINA MILIN
Contact Type:	Not reported
Contact Name:	ATTN; SUPER/FACILITY MGR.
Address1:	694 TENTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 765-0916
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EJCALIFA
Date Last Modified:	11/30/2007

Site Id:	11266
Affiliation Type:	On-Site Operator
Company Name:	ATTILIO VLASICA AND NINA MILIN
Contact Type:	Not reported
Contact Name:	VLASICA ATTILIO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 765-0916
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EJCALIFA
Date Last Modified:	11/30/2007

Site Id:	11266
Affiliation Type:	Emergency Contact
Company Name:	ATTILIO, VLASICA AND NINA MILIN
Contact Type:	Not reported
Contact Name:	VLASICA ATTILIO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

ATTILIO VLASICA AND NINA MILIN (Continued) **U003388299**

Phone:	(212) 246-2672
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	13609
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/15/2007
Register:	True
Modified By:	EJCALIFA
Last Modified:	11/30/2007

HIST AST:

PBS Number:	2-269352
SWIS Code:	6201
Operator:	VLASICA ATTILIO
Facility Phone:	(212) 246-2672
Facility Addr2:	694 10TH AVE
Facility Type:	Not reported
Emergency:	VLASICA ATTILIO
Emergency Tel:	(212) 246-2672
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	ATTILIO, VLASICA AND NINA MILIN
Owner Address:	694 10TH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 246-2672

ATTILIO VLASICA AND NINA MILIN (Continued) **U003388299**

Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	ATTILIO VLASICA AND NINA MILIN
Mailing Address:	694 10TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 246-2672
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/28/1998
Expiration:	01/26/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	Not reported
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AA323 **BETWEEN 11TH & 12TH** **NY LTANKS** **S105999950**
WSW **49TH** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.198 mi.
1045 ft. **Site 4 of 7 in cluster AA**

Relative:
Lower

Actual:
17 ft.

LTANKS:

Site ID:	160458
Spill Number/Closed Date:	0306468 / 9/18/2003
Spill Date:	9/18/2003
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	9/18/2003
CID:	365
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/18/2003
Spill Record Last Update:	9/18/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	135495
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"9/18/03 1359 Hrs DDO Sawyer talked to Cindy Tadler at Century Petroleum and she asssured me that this spill would be cleaned up. Closed. Further information should be noted under spill #0306463.
Remarks:	they were on site making a delivery to a tank & the wistle blew so they stopped filling - a con ed employee then started to tranfer oil from that just filled tank to a generator & overfilled it - caller would like a call back as to who's responsibility this is for clean up Not reported

Material:

Site ID:	160458
Operable Unit ID:	875227
Operable Unit:	01
Material ID:	503690
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10

BETWEEN 11TH & 12TH (Continued) **S105999950**

Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AA324 **WEST 49TH ST. CENTRAL SUBSTATION** **NY TANKS** **S110771904**
WSW **637 WEST 49TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.198 mi.
1047 ft. **Site 5 of 7 in cluster AA**

Relative:
Lower

Actual:
17 ft.

TANKS:
Facility Id: 2-452890
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2013/08/23
UTM X: 584787.37057999999
UTM Y: 4513234.4997399999

AA325 **CON EDISON - W. 49TH STREET** **RCRA-CESQG** **1001489011**
WSW **637 W. 49TH STREET** **FINDS** **NYD980788996**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.198 mi.
1047 ft. **Site 6 of 7 in cluster AA**

Relative:
Lower

Actual:
17 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: CON EDISON - W. 49TH STREET
Facility address: 637 W. 49TH STREET
NEW YORK, NY 100197040
EPA ID: NYD980788996
Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact: ANTHONY DRUMMINGS
Contact address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

CON EDISON - W. 49TH STREET (Continued) **1001489011**

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1978
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1978
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	CON EDISON - W. 49TH STREET
Classification:	Small Quantity Generator

Date form received by agency:	02/25/2004
Facility name:	CON EDISON - W. 49TH STREET
Classification:	Large Quantity Generator

Date form received by agency:	01/01/2001
Facility name:	CON EDISON - W. 49TH STREET
Site name:	W. 49TH ST.

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Classification: Large Quantity Generator

Date form received by agency: 07/21/1999
Facility name: CON EDISON - W. 49TH STREET
Site name: CON EDISON - WEST 49TH STREET SS
Classification: Large Quantity Generator

Date form received by agency: 04/29/1998
Facility name: CON EDISON - W. 49TH STREET
Site name: CON ED - WEST 49THJ STREET SERVICE CTR
Classification: Large Quantity Generator

Date form received by agency: 03/08/1996
Facility name: CON EDISON - W. 49TH STREET
Site name: CON EDISON - WEST 49TH STREET SS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Waste code: B007
Waste name: B007

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/01/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110009471213

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Environmental Interest/Information System

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HAZARDOUS WASTE BIENNIAL REPORTER

NY MANIFEST:

EPA ID:	NYD980788996
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NJA2760067
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	S5811
Trans2 State ID:	Not reported
Generator Ship Date:	970416
Trans1 Recv Date:	970416
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970416
Part A Recv Date:	970502
Part B Recv Date:	970520
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NJ0000027193
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00105
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	97

Document ID:	NJA2566687
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	5811
Trans2 State ID:	Not reported
Generator Ship Date:	970606
Trans1 Recv Date:	970606
Trans2 Recv Date:	Not reported

CON EDISON - W. 49TH STREET (Continued) **1001489011**

TSD Site Recv Date:	970606
Part A Recv Date:	970618
Part B Recv Date:	970718
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NJ0000027193
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Document ID:	NJA2579535
Manifest Status:	Completed copy
Trans1 State ID:	S10376
Trans2 State ID:	Not reported
Generator Ship Date:	971027
Trans1 Recv Date:	971027
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971027
Part A Recv Date:	Not reported
Part B Recv Date:	971121
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NJD003812047
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00700
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Document ID:	NJA2566682
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	16755
Trans2 State ID:	Not reported
Generator Ship Date:	970625
Trans1 Recv Date:	970625
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970625
Part A Recv Date:	970721
Part B Recv Date:	970721
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NJ0000027193
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00130

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	97

Document ID:	NJA2826958
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	S10376
Trans2 State ID:	Not reported
Generator Ship Date:	971210
Trans1 Recv Date:	971210
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971210
Part A Recv Date:	980120
Part B Recv Date:	980120
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NJD003812047
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Document ID:	NJA2826944
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	S10376
Trans2 State ID:	Not reported
Generator Ship Date:	971121
Trans1 Recv Date:	971121
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971124
Part A Recv Date:	980310
Part B Recv Date:	971216
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NJD003812047
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	03000
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Document ID:	NYG4788927

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	06/14/2006
Trans1 Recv Date:	06/14/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/15/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	62758JSNY
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00006
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00006
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2006

Document ID:	NYE1538757
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	02/16/2006
Trans1 Recv Date:	02/16/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/16/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	12446JT
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	F001 - UNKNOWN
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2006

Document ID:	NYE1605861
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Trans2 State ID:	Not reported
Generator Ship Date:	01/13/2006
Trans1 Recv Date:	01/13/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/17/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	18887JU
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00050
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2006

Document ID:	NYA2640024
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	V-23012
Trans2 State ID:	Not reported
Generator Ship Date:	850320
Trans1 Recv Date:	850320
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850320
Part A Recv Date:	850328
Part B Recv Date:	850620
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NYD066969700
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	04500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	85

Document ID:	NYG0256806
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	PC4339
Trans2 State ID:	Not reported
Generator Ship Date:	970807
Trans1 Recv Date:	970807
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970807
Part A Recv Date:	970912
Part B Recv Date:	971110
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NYD049178296

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Trans2 EPA ID:	Not reported
TSDF ID:	NY0000343889
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00160
Units:	P - Pounds
Number of Containers:	004
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	97

Document ID:	NJA2826972
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	S10376
Trans2 State ID:	Not reported
Generator Ship Date:	971107
Trans1 Recv Date:	971107
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971107
Part A Recv Date:	971128
Part B Recv Date:	971216
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NJD003812047
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00300
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Document ID:	NYE0414162
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	04/26/1999
Trans1 Recv Date:	04/26/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/27/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	43056AN
Waste Code:	F001 - UNKNOWN
Quantity:	00026
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Year: 99

Document ID: NYE0443637
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 10/05/1999
Trans1 Recv Date: 10/05/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/06/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980788996
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: 80303AB
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00100
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00100
Units: P - Pounds
Number of Containers: 002
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 99

Document ID: NYE0444636
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 10/13/1999
Trans1 Recv Date: 10/13/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/15/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980788996
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported
TSDF ID: 43056AN
Waste Code: B005 - PCB ARTICLES WITH 500 PPM OR > PCB
Quantity: 00120
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: B004 - PCB ARTICLES WITH 50 PPM BUT < 500 PPM
Quantity: 00182

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00045
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00011
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	99

Document ID:	NYE0444645
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/13/1999
Trans1 Recv Date:	10/13/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/14/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	43056AN
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00010
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	99

Document ID:	NYE0294311
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	02/12/1999
Trans1 Recv Date:	02/12/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/16/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980788996

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: 43056AN
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00020
Units: K - Kilograms (2.2 pounds)
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 01.00
Waste Code: F001 - UNKNOWN
Quantity: 00020
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 99

Document ID: NYE0514494
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 10/03/2003
Trans1 Recv Date: 10/03/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/07/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980788996
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: 96591JE
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00010
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 01.00
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00025
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2003

Document ID: NYE0758385
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 09/15/2003
Trans1 Recv Date: 09/15/2003

CON EDISON - W. 49TH STREET (Continued) **1001489011**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/17/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	96591JE
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00100
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2003

Document ID:	NJA2785124
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	01/27/1998
Trans1 Recv Date:	01/27/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/27/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980788996
Trans1 EPA ID:	NJD002200046
Trans2 EPA ID:	Not reported
TSDF ID:	S5811
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00025
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	U121 - TRICHLOROMONOFLUOROMETHANE
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Click this hyperlink while viewing on your computer to access
213 additional NY_MANIFEST: record(s) in the EDR Site Report.

AF326 **LEXUS OF MANHATTAN** **NY AST** **A100321698**
North **829 ELEVENTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.198 mi.
1047 ft. **Site 6 of 24 in cluster AF**

Relative:
Higher

Actual:
25 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610921
Program Type:	PBS
UTM X:	585089.23438000004
UTM Y:	4513716.2858300004
Expiration Date:	2013/08/26

Affiliation Records:

Site Id:	403200
Affiliation Type:	Facility Owner
Company Name:	JOHN IACONO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	829 11TH AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(917) 567-2090
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/26/2008

Site Id:	403200
Affiliation Type:	Mail Contact
Company Name:	LEXUS OF MANHATTAN
Contact Type:	Not reported
Contact Name:	IGNAZIO IACONO
Address1:	829 ELEVENTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 977-4400
EMail:	IGNAZIO.IACONO@LEXUSOFMANHATTAN.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/26/2008

Site Id:	403200
Affiliation Type:	On-Site Operator
Company Name:	LEXUS OF MANHATTAN
Contact Type:	Not reported
Contact Name:	MANHATTAN LUXURY AUTOMOBILES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

LEXUS OF MANHATTAN (Continued) **A100321698**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 977-4400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/26/2008

Site Id:	403200
Affiliation Type:	Emergency Contact
Company Name:	JOHN IACONO
Contact Type:	Not reported
Contact Name:	IGNAZIO IACONO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 567-2083
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/26/2008

Tank Info:

Tank Number:	001
Tank Id:	224880
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/2002
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported

LEXUS OF MANHATTAN (Continued) **A100321698**

Register: True
Modified By: NRLOMBAR
Last Modified: 08/26/2008

AA327 **CON EDISON** **NY MANIFEST** **S112210793**
WSW **634 W 49 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.198 mi.
1048 ft. **Site 7 of 7 in cluster AA**

Relative:
Lower

Actual:
17 ft.

NY MANIFEST:

EPA ID:	NYP004269858
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269858
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457155JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CON EDISON (Continued) **S112210793**

Mgmt Method Type Code:	H111
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269858
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457155JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

U328 **CON EDISON - MANHOLE 47135** **RCRA-LQG** **1014395879**
WNW **716 12 AVE AND W 52 ST** **NYP004176319**
1/8-1/4 **NEW YORK, NY 10019**
0.199 mi.
1051 ft. **Site 6 of 7 in cluster U**

Relative:
Lower

Actual:
14 ft.

RCRA-LQG:

Date form received by agency:	03/23/2010
Facility name:	CON EDISON - MANHOLE 47135
Facility address:	716 12 AVE AND W 52 ST NEW YORK, NY 10019
EPA ID:	NYP004176319
Mailing address:	4 IRVING PLACE NEW YORK, NY 10003
Contact:	FRANKLYN MURRAY
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(212) 460-2808
Contact email:	MURRAYFR@CONED.COM

CON EDISON - MANHOLE 47135 (Continued) **1014395879**

EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/21/2009
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/21/2009
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

CON EDISON - MANHOLE 47135 (Continued) **1014395879**

Violation Status: No violations found

U329 **CONSOLIDATED EDISON** **NY MANIFEST** **S109825975**
WNW **716 12 AVE AND W 52 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.199 mi.
1051 ft. **Site 7 of 7 in cluster U**

Relative:
Lower

Actual:
14 ft.

NY MANIFEST:

EPA ID:	NYP004176319
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-23
Trans1 Recv Date:	2009-06-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176319
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	6000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532161JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

CONSOLIDATED EDISON (Continued) **S109825975**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-23
Trans1 Recv Date:	2009-06-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176319
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	6000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003532161JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-23
Trans1 Recv Date:	2009-06-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004176319
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	6000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0

CONSOLIDATED EDISON (Continued) **S109825975**

Year:	2009
Manifest Tracking Num:	003532161JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AI330 **EDR US Hist Cleaners** **1015064095**
SSE **461 W 49TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.200 mi.
1056 ft. **Site 1 of 10 in cluster AI**

Relative:
Higher

Actual:
44 ft.

EDR Historical Cleaners:

Name:	W 49 NEW CLEANERS
Year:	2008
Address:	461 W 49TH ST
Name:	W 49 NEW CLEANERS
Year:	2010
Address:	461 W 49TH ST
Name:	W FORTY NINE NEW CLEANERS
Year:	2011
Address:	461 W 49TH ST

AI331 **BRITE REALTY L.L.C** **NY AST** **U003392922**
SSE **461 WEST 49TH STREET BASEMENT** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.200 mi.
1056 ft. **Site 2 of 10 in cluster AI**

Relative:
Higher

Actual:
44 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-289043
Program Type:	PBS
UTM X:	585189.06559999997
UTM Y:	4513017.0704699997
Expiration Date:	2018/01/07

Affiliation Records:

Site Id:	13001
Affiliation Type:	Facility Owner
Company Name:	BRITE REALTY L.L.C.
Contact Type:	MANAGING AGENT
Contact Name:	JONATHAN HOCHHAUSER
Address1:	441 W. 49TH ST, REAR BLDG
Address2:	Not reported

BRITE REALTY L.L.C (Continued) **U003392922**

City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 757-2160
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/7/2007

Site Id:	13001
Affiliation Type:	Mail Contact
Company Name:	BRITE REALTY L.L.C.
Contact Type:	Not reported
Contact Name:	JONATHAN HOCHHAUSER
Address1:	441 WEST 49TH STREET
Address2:	REAR BLDGE
City:	NY
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 757-2160
EMail:	JONHOCH@GMAIL.COM
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	12/28/2012

Site Id:	13001
Affiliation Type:	On-Site Operator
Company Name:	BRITE REALTY L.L.C
Contact Type:	Not reported
Contact Name:	GILBERT PEREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 816-3638
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/7/2007

Site Id:	13001
Affiliation Type:	Emergency Contact
Company Name:	BRITE REALTY L.L.C.
Contact Type:	Not reported
Contact Name:	STANLEY HOCHHAUSER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 757-2160
EMail:	Not reported

BRITE REALTY L.L.C (Continued) **U003392922**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	25649
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
B05 - Tank External Protection - Jacketed

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1950
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	12/28/2012

HIST AST:

PBS Number:	2-289043
SWIS Code:	6201
Operator:	E. ALVAREZ
Facility Phone:	(212) 265-0945
Facility Addr2:	461 WEST 49TH ST EAST STORE
Facility Type:	APARTMENT BUILDING
Emergency:	STANLEY HOCHHAUSER
Emergency Tel:	(212) 757-2160
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	BRITE REALTY L.L.C.
Owner Address:	461 WEST 49TH ST EAST STORE
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 757-2160

BRITE REALTY L.L.C (Continued) **U003392922**

Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	JONATHAN HOCHHAUSES
Mailing Name:	BRITE REALTY L.L.C.
Mailing Address:	461 W 49TH ST
Mailing Address 2:	EAST STORE
Mailing City,St,Zip:	NY, NY 10019
Mailing Telephone:	(212) 757-2160
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	11/18/1997
Expiration:	01/07/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	5
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AD332 **CON EDISON** **NY HIST UST** **U000408699**
ESE **410 W 53RD ST** **NY MANIFEST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.201 mi.
1060 ft. **Site 4 of 8 in cluster AD**

Relative:
Higher

Actual:
57 ft.

HIST UST:

PBS Number:	2-345342
SPDES Number:	Not reported
Emergency Contact:	ROBERT MARTINEZ
Emergency Telephone:	(212) 307-7909
Operator:	ROCKROSE DEVELOPMENT CORP
Operator Telephone:	(212) 245-7746
Owner Name:	ROCKROSE DEVELOPMENT CORPORATION
Owner Address:	309 EAST 45TH STREET
Owner City,St,Zip:	NEW YORK, NY 10017
Owner Telephone:	(212) 697-4422
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	ROCKROSE DEVELOPMENT CORPORATION
Mailing Address:	309 EAST 45TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10017
Mailing Contact:	Not reported
Mailing Telephone:	(212) 512-0356
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	410 W 53RD ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	03/01/1999
Expiration Date:	12/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	15000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	19861201
Capacity (gals):	15000

CON EDISON (Continued) **U000408699**

Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

NY MANIFEST:

EPA ID:	NYP004270831
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270831
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0

CON EDISON (Continued) **U000408699**

Year:	2012
Manifest Tracking Num:	010457318JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270831
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457318JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AD333 **CON EDISON** **NY MANIFEST** **S112210886**
ESE **411 W 53RD ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.201 mi.
1060 ft. **Site 5 of 8 in cluster AD**

Relative:
Higher

Actual:
57 ft.

NY MANIFEST:

EPA ID:	NYP004270864
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270864
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457323JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210886**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270864
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457323JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AB334 **EDR US Hist Auto Stat** **1015659480**
NE **868 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.201 mi.
1062 ft. **Site 15 of 15 in cluster AB**

Relative:
Higher

Actual:
58 ft.

EDR Historical Auto Stations:

Name:	LEWNA 24 HR COLLISION REPAIR
Year:	2004
Address:	868 10TH AVE
Name:	LEWNA 24 HR COLLISION REPAIR
Year:	2010
Address:	868 10TH AVE

AH335 **EDR US Hist Auto Stat** **1015601909**
South **692 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.201 mi.
1063 ft. **Site 2 of 10 in cluster AH**

Relative:
Higher

Actual:
39 ft.

EDR Historical Auto Stations:

Name:	APPLE BRAKE & CLUTCH REBUILDERS INCORPORATED
Year:	1999
Address:	692 10TH AVE
Name:	APPLE BRAKE & CLUTCH REBUILDERS INCORPORATED
Year:	2000
Address:	692 10TH AVE

AI336 **459 WEST 49TH STREET** **NY AST** **A100178522**
SSE **459 WEST 49TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.202 mi.
1068 ft. **Site 3 of 10 in cluster AI**

Relative:
Higher

Actual:
44 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606357
Program Type:	PBS
UTM X:	585158.44122000004
UTM Y:	4513005.0100100003
Expiration Date:	2016/07/13

Affiliation Records:

Site Id:	28220
Affiliation Type:	Facility Owner
Company Name:	457-459 WEST 49TH ST. LLC
Contact Type:	REGISTERED AGENT
Contact Name:	PAULA RIVERA
Address1:	241 EAST 75TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 988-5835
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/26/2011
Site Id:	28220
Affiliation Type:	On-Site Operator
Company Name:	459 WEST 49TH STREET
Contact Type:	Not reported
Contact Name:	JAMES SLATER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

459 WEST 49TH STREET (Continued) **A100178522**

Phone:	(212) 988-5835
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	5/9/2006

Site Id:	28220
Affiliation Type:	Emergency Contact
Company Name:	457-459 WEST 49TH ST. LLC
Contact Type:	Not reported
Contact Name:	PAULA RIVERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 988-5835
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/26/2011

Site Id:	28220
Affiliation Type:	Mail Contact
Company Name:	L.W.L. ASSOCIATES, INC.
Contact Type:	Not reported
Contact Name:	PAULA RIVERA
Address1:	241 EAST 75TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 988-5835
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/26/2011

Tank Info:

Tank Number:	01
Tank Id:	61306
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

459 WEST 49TH STREET (Continued) **A100178522**

B01 - Tank External Protection - Painted/Asphalt Coating
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1922
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/26/2011

W337 **STRIKA JERKOV** **NY AST** **U003392344**
SSW **519 WEST 48TH ST** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.203 mi.
1073 ft. **Site 9 of 10 in cluster W**

Relative:
Lower

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-311731
Program Type:	PBS
UTM X:	585005.19371000002
UTM Y:	4513025.5039900001
Expiration Date:	2017/10/15

Affiliation Records:

Site Id:	14302
Affiliation Type:	Mail Contact
Company Name:	SJ 48TH STREET MANAGEMENT INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	519 WEST 48TH ST, APT. 11
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 581-4203
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	7/20/2007

Site Id:	14302
Affiliation Type:	On-Site Operator
Company Name:	SJ 48TH STREET MANAGEMENT INC
Contact Type:	Not reported
Contact Name:	IVICA JERKOV
Address1:	Not reported
Address2:	Not reported
City:	Not reported

STRIKA JERKOV (Continued) **U003392344**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 581-4203
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 14302
Affiliation Type: Emergency Contact
Company Name: SJ 48TH STREET MANAGEMENT INC
Contact Type: Not reported
Contact Name: IVICA JERKOV
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 581-4203
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 14302
Affiliation Type: Facility Owner
Company Name: SJ 48TH STREET MANAGEMENT INC
Contact Type: CORP. OFFICER
Contact Name: IVICA JERKOV
Address1: 519 WEST 48TH ST, APT 11
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10036
Country Code: 001
Phone: (212) 581-4203
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 7/20/2007

Tank Info:

Tank Number: 001
Tank Id: 24436
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)

STRIKA JERKOV (Continued) **U003392344**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/15/1965
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	07/20/2007

HIST AST:

PBS Number:	2-311731
SWIS Code:	6201
Operator:	STRIKA JERKOV
Facility Phone:	(212) 581-4203
Facility Addr2:	519 WEST 48TH ST
Facility Type:	Not reported
Emergency:	STRIKA JERKOV
Emergency Tel:	(212) 581-4203
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	STRIKA JERKOV
Owner Address:	519 WEST 48TH ST
Owner City,St,Zip:	NEW YORK, NY 10036
Federal ID:	Not reported
Owner Tel:	(212) 581-4203
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	STRIKA JERKOV
Mailing Address:	519 WEST 48TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10036
Mailing Telephone:	(212) 581-4203
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/11/1997
Expiration:	10/15/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	Minor Data Missing

STRIKA JERKOV (Continued) **U003392344**

Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

W338 **EDR US Hist Auto Stat** **1015537971**
SSW **521 W 48TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.203 mi.
1073 ft. **Site 10 of 10 in cluster W**

Relative:
Lower

Actual:
20 ft.

EDR Historical Auto Stations:

Name:	BUMPER TO BUMPER AUTO CARE INCORPORATED
Year:	2000
Address:	521 W 48TH ST
Name:	BUMPER TO BUMPER AUTO CARE INC
Year:	2010
Address:	521 W 48TH ST

AJ339 **517 WEST 48TH STREET** **NY AST** **U003395038**
SSW **517 WEST 48TH STREET** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.203 mi.
1074 ft. **Site 1 of 10 in cluster AJ**

Relative:
Lower

Actual:
19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-470864
Program Type:	PBS
UTM X:	585010.12107999995
UTM Y:	4513022.7850599997
Expiration Date:	2017/06/28

Affiliation Records:

Site Id:	20637
Affiliation Type:	Facility Owner
Company Name:	517 W. 48TH ST HDFC
Contact Type:	AGENT FOR 517 WEST 48 STREET HDFC
Contact Name:	JOSH KOPPEL
Address1:	517 WEST 48TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(718) 543-2800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	5/10/2012

Site Id:	20637
Affiliation Type:	Mail Contact
Company Name:	HSC MGT CORP
Contact Type:	Not reported
Contact Name:	JOSH KOPPEL
Address1:	850 BRONX RIVER RD
Address2:	RM 108
City:	YONKERS
State:	NY
Zip Code:	10708
Country Code:	001
Phone:	(814) 237-1600
EMail:	HSCJOSH@AOL.COM
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	3/6/2007

Site Id:	20637
Affiliation Type:	On-Site Operator
Company Name:	517 WEST 48TH STREET HDFC
Contact Type:	Not reported
Contact Name:	JOSH KOPPEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

517 WEST 48TH STREET (Continued) **U003395038**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 543-2800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20637
Affiliation Type:	Emergency Contact
Company Name:	517 W. 48TH ST HDFC
Contact Type:	Not reported
Contact Name:	JOSH KOPPEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 543-2800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	37397
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	G00 - Tank Secondary Containment - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	I04 - Overfill - Product Level Gauge (A/G)
	H00 - Tank Leak Detection - None
	B00 - Tank External Protection - None
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/05/1998
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	03/06/2007

517 WEST 48TH STREET (Continued) **U003395038**

HIST AST:

PBS Number:	2-470864
SWIS Code:	6201
Operator:	P. LODH
Facility Phone:	(212) 806-8091
Facility Addr2:	517 WEST 48TH STREET
Facility Type:	Not reported
Emergency:	MS. JUANITA ARSENEC
Emergency Tel:	(212) 360-7900
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK H.P.D.
Owner Address:	75 MAIDEN LANE
Owner City,St,Zip:	NEW YORK, NY 10038
Federal ID:	Not reported
Owner Tel:	(212) 806-8565
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	CITY OF NEW YORK H.P.D.
Mailing Address:	75 MAIDEN LANE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Telephone:	(212) 806-8565
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/28/1989
Expiration:	03/28/1994
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported

517 WEST 48TH STREET (Continued) **U003395038**

Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AJ340 **527 W 48TH ST** **NY LTANKS** **S102662820**
SSW **527 W 48TH ST** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.204 mi.
1075 ft. **Site 2 of 10 in cluster AJ**

Relative:
Higher

Actual:
23 ft.

LTANKS:

Site ID:	72219
Spill Number/Closed Date:	9612403 / 1/21/1997
Spill Date:	1/17/1997
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	1/17/1997
CID:	322
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/17/1997
Spill Record Last Update:	1/21/1997
Spiller Name:	CHARLIE BOETTIGER
Spiller Company:	MYSTIC OIL
Spiller Address:	19-01 STEINWAY ST
Spiller City,St,Zip:	ASTORIA, NY
Spiller County:	001
Spiller Contact:	CHARLIE BOETTIGER
Spiller Phone:	(718) 932-9075
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	68199
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"

527 W 48TH ST (Continued) **S102662820**

Remarks: DRIVER OVERFILLED TANK - SPILL ON CONCRETE BEING CLEANED UP

Material:
Site ID: 72219
Operable Unit ID: 1040265
Operable Unit: 01
Material ID: 341050
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AJ341 **529 W 48 ST** **NY AST U003389486**
SSW **529 W 48 ST** **NY HIST AST N/A**
1/8-1/4 **NY, NY 10036**
0.204 mi.
1075 ft. **Site 3 of 10 in cluster AJ**

Relative: Higher

Actual: 23 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-117684
Program Type: PBS
UTM X: 584973.76379
UTM Y: 4513042.57338
Expiration Date: 2012/07/20

Affiliation Records:
Site Id: 4025
Affiliation Type: Facility Owner
Company Name: RONALD DEMILT
Contact Type: OWNER
Contact Name: RONALD DEMILT
Address1: P.O. BOX 862, PLANETARIUM STATION
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10024
Country Code: 001
Phone: (212) 579-0318
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 2/14/2008

Site Id: 4025
Affiliation Type: Mail Contact
Company Name: RONALD DEMILT REALTY

529 W 48 ST (Continued) **U003389486**

Contact Type:	Not reported
Contact Name:	RONALD DEMILT
Address1:	P.O. BOX 862
Address2:	PLANETARIUM STATION
City:	NEW YORK
State:	NY
Zip Code:	10024
Country Code:	001
Phone:	(212) 579-0318
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	4025
Affiliation Type:	On-Site Operator
Company Name:	529 W 48 ST
Contact Type:	Not reported
Contact Name:	FRANK ARMENI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 926-9661
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	4025
Affiliation Type:	Emergency Contact
Company Name:	RONALD DEMILT
Contact Type:	Not reported
Contact Name:	FRANK ARMENI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 926-9661
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	16784
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

529 W 48 ST (Continued) **U003389486**

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/1976
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	03/29/2007

HIST AST:

PBS Number:	2-117684
SWIS Code:	6201
Operator:	CHARLES BARRIOS
Facility Phone:	(212) 579-0318
Facility Addr2:	529 W 48 ST
Facility Type:	APARTMENT BUILDING
Emergency:	CHARLES BARRIOS
Emergency Tel:	(212) 579-0219
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	RONALD DEMILT
Owner Address:	P.O. BOX 862 PLANETARIUM STATION
Owner City,St,Zip:	NY, NY 10024
Federal ID:	Not reported
Owner Tel:	(212) 579-0318
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	SUPER FACILITY MANAGER
Mailing Name:	529 WEST 48TH STREET
Mailing Address:	529 WEST 48TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10036
Mailing Telephone:	(212) 247-0874
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	04/02/1998
Expiration:	07/20/2002

529 W 48 ST (Continued) **U003389486**

Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	1
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AC342 **CIRKER'S CITY CENTER WAREHOUSE, INC** **NY AST** **A100298622**
East **430 WEST 55TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.204 mi.
1078 ft. **Site 3 of 4 in cluster AC**

Relative:
Higher

Actual:
62 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610230
Program Type:	PBS
UTM X:	585445.51531000005
UTM Y:	4513379.7974199997
Expiration Date:	2011/06/21

Affiliation Records:

CIRKER'S CITY CENTER WAREHOUSE, INC (Continued) **A100298622**

Site Id:	365069
Affiliation Type:	Facility Owner
Company Name:	BARTON CIRKER, LLC
Contact Type:	MANAGING MEMBER
Contact Name:	BARTON CIRKER
Address1:	73 ESTATES TERRACE NORTH
Address2:	Not reported
City:	MANHASSET
State:	NY
Zip Code:	11030
Country Code:	001
Phone:	(212) 484-4556
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	6/23/2008

Site Id:	365069
Affiliation Type:	Mail Contact
Company Name:	HYDRO TECH ENV. CORP
Contact Type:	Not reported
Contact Name:	PAUL I. MATLI
Address1:	111 FULTON ST.
Address2:	2ND FLOOR
City:	BROOKLYN
State:	NY
Zip Code:	11238
Country Code:	001
Phone:	(718) 636-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	6/23/2008

Site Id:	365069
Affiliation Type:	On-Site Operator
Company Name:	CIRKERS CITY CENTER WAREHOUSE, INC
Contact Type:	Not reported
Contact Name:	BART CIRKER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 484-0200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/7/2006

Site Id:	365069
Affiliation Type:	Emergency Contact
Company Name:	BARTON CIRKER, LLC
Contact Type:	Not reported
Contact Name:	ADAM CIRKER
Address1:	Not reported

CIRKER'S CITY CENTER WAREHOUSE, INC (Continued) **A100298622**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 484-0200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	6/23/2008

Tank Info:

Tank Number:	001
Tank Id:	212144
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F06 - Pipe External Protection - Wrapped
J00 - Dispenser - None
I00 - Overfill - None
F02 - Pipe External Protection - Original Sacrificial Anode
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Temporarily Out of Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	06/21/2006

AC343 **CIRKER'S CITY CENTER WAREHOUSE, INC** **NY UST** **U004122258**
East **430 WEST 55TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.204 mi.
1078 ft. **Site 4 of 4 in cluster AC**

Relative:
Higher

Actual:
62 ft.

UST:

Id/Status:	2-610230 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2011/06/21

CIRKER'S CITY CENTER WAREHOUSE, INC (Continued) **U004122258**

UTM X: 585445.51531000005
UTM Y: 4513379.7974199997

Affiliation Records:

Site Id: 365069
Affiliation Type: Facility Owner
Company Name: BARTON CIRKER, LLC
Contact Type: MANAGING MEMBER
Contact Name: BARTON CIRKER
Address1: 73 ESTATES TERRACE NORTH
Address2: Not reported
City: MANHASSET
State: NY
Zip Code: 11030
Country Code: 001
Phone: (212) 484-4556
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 6/23/2008

Site Id: 365069
Affiliation Type: Mail Contact
Company Name: HYDRO TECH ENV. CORP
Contact Type: Not reported
Contact Name: PAUL I. MATLI
Address1: 111 FULTON ST.
Address2: 2ND FLOOR
City: BROOKLYN
State: NY
Zip Code: 11238
Country Code: 001
Phone: (718) 636-0800
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 6/23/2008

Site Id: 365069
Affiliation Type: On-Site Operator
Company Name: CIRKERS CITY CENTER WAREHOUSE, INC
Contact Type: Not reported
Contact Name: BART CIRKER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 484-0200
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 6/7/2006

Site Id: 365069
Affiliation Type: Emergency Contact
Company Name: BARTON CIRKER, LLC

CIRKER'S CITY CENTER WAREHOUSE, INC (Continued) **U004122258**

Contact Type:	Not reported
Contact Name:	ADAM CIRKER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 484-0200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	6/23/2008

Tank Info:

Tank Number:	002
Tank ID:	223625
Tank Status:	Closed - In Place
Capacity Gallons:	550
Install Date:	05/21/2008
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass reinforced plastic [FRP]
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	kakyer
Last Modified:	06/18/2008

Equipment Records:

I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None

Tank Number:	003
Tank ID:	223626
Tank Status:	Closed - In Place
Capacity Gallons:	550
Install Date:	05/21/2008
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground

CIRKER'S CITY CENTER WAREHOUSE, INC (Continued) **U004122258**

Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: kakyer
Last Modified: 06/18/2008

Equipment Records:

F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None

AI344 **457-459 W 49 ST** **NY AST** **U003391049**
SSE **457-459 W 49 ST** **NY HIST AST** **N/A**
1/8-1/4 **NY, NY 10019**
0.204 mi.
1079 ft. **Site 4 of 10 in cluster AI**

Relative:
Higher

Actual:
44 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Administratively Closed
Facility Id: 2-328642
Program Type: PBS
UTM X: 585152.21183000004
UTM Y: 4512999.1685199998
Expiration Date: N/A

Affiliation Records:
Site Id: 15401
Affiliation Type: Facility Owner
Company Name: 457-459 W 49 ST
Contact Type: Not reported
Contact Name: Not reported
Address1: 241 EAST 75 STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10021
Country Code: 001
Phone: (212) 988-5835
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

457-459 W 49 ST (Continued) **U003391049**

Site Id:	15401
Affiliation Type:	Mail Contact
Company Name:	457-459 W 49 ST. CO.
Contact Type:	Not reported
Contact Name:	LEONARD GELER
Address1:	C/O LWL ASSOCIATES, INC.
Address2:	241 EAST 75 STREET
City:	NY
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 988-5835
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15401
Affiliation Type:	On-Site Operator
Company Name:	457-459 W 49 ST
Contact Type:	Not reported
Contact Name:	ALEX NAVARRO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 974-2049
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15401
Affiliation Type:	Emergency Contact
Company Name:	457-459 W 49 ST
Contact Type:	Not reported
Contact Name:	LEONARD GELLER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 988-5835
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	20666
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

457-459 W 49 ST (Continued) **U003391049**

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/02/2002
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-328642
SWIS Code:	6201
Operator:	ALEX NAVARRO
Facility Phone:	(212) 974-2049
Facility Addr2:	457 W 49 ST
Facility Type:	APARTMENT BUILDING
Emergency:	LEONARD GELLER
Emergency Tel:	(212) 988-5835
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	457-459 W 49 ST
Owner Address:	241 EAST 75 STREET
Owner City,St,Zip:	NEW YORK, NY 10021
Federal ID:	Not reported
Owner Tel:	(212) 988-5835
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	LEONARD GELER
Mailing Name:	457-459 W 49 ST. CO.
Mailing Address:	C/O LWL ASSOCIATES, INC.
Mailing Address 2:	241 EAST 75 STREET
Mailing City,St,Zip:	NY, NY 10021
Mailing Telephone:	(212) 988-5835
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/11/1997

457-459 W 49 ST (Continued) **U003391049**

Expiration:	10/02/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Y345 **EDR US Hist Auto Stat** **1015484894**
East **419 W 54TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.204 mi.
1079 ft. **Site 12 of 12 in cluster Y**

Relative:
Higher

Actual:
58 ft.

EDR Historical Auto Stations:

Name:	MAZEL STATE INSPCTN STA 4 CARS
Year:	2010
Address:	419 W 54TH ST
Name:	MAZEL STATE INSPECTION STATION 4 CAR
Year:	2011
Address:	419 W 54TH ST
Name:	MAZEL STATE INSPECTION STATION 4 CAR

(Continued) **1015484894**

Year: 2012
Address: 419 W 54TH ST

AJ346 **EDR US Hist Auto Stat** **1015549161**
SSW **549 W 48TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.205 mi.
1081 ft. **Site 4 of 10 in cluster AJ**

Relative:
Higher

Actual:
28 ft.

EDR Historical Auto Stations:
Name: THE AUTO CLINIC INC
Year: 2005
Address: 549 W 48TH ST

AK347 **CON EDISON** **RCRA-CESQG** **1012185845**
SW **552 W 48TH ST FRONT OF** **NYP004166807**
1/8-1/4 **NEW YORK, NY 10036**
0.205 mi.
1082 ft. **Site 1 of 5 in cluster AK**

Relative:
Higher

Actual:
28 ft.

RCRA-CESQG:
Date form received by agency: 04/13/2009
Facility name: CON EDISON
Facility address: 552 W 48TH ST FRONT OF
NEW YORK, NY 10036
EPA ID: NYP004166807
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: ANTHONY BUDA
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (917) 440-1809
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

CON EDISON (Continued) **1012185845**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

AJ348 **CON ED - V 8433** **RCRA NonGen / NLR** **1007205267**
SSW **520 W 48TH ST** **NY MANIFEST** **NYP000928374**
1/8-1/4 **NEW YORK, NY 10036**
0.205 mi.
1082 ft. **Site 5 of 10 in cluster AJ**

Relative:
Lower

Actual:
20 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/28/1998
Facility name:	CON ED - V 8433
Facility address:	520 W 48TH ST NEW YORK, NY 100360000
EPA ID:	NYP000928374
Mailing address:	CONSOLIDATED EDISON INC 4 IRVING PL - ROOM 300 NEW YORK, NY 100030000
Contact:	ANTHONY DRUMMINGS
Contact address:	CONSOLIDATED EDISON INC NEW YORK, NY 100030000
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/27/1998

CON ED - V 8433 (Continued) **1007205267**

Facility name: CON ED - V 8433
Classification: Not a generator, verified

Date form received by agency: 02/26/1998
Facility name: CON ED - V 8433
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP000928374
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYG0123309
Manifest Status: Completed copy
Trans1 State ID: GX3213
Trans2 State ID: Not reported
Generator Ship Date: 970313
Trans1 Recv Date: 970313
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970317
Part A Recv Date: 970325
Part B Recv Date: 970325
Generator EPA ID: NYP000928374
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity: 01038
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 97

AJ349 **520 W. 48TH STREET** **NY UST** **U004045624**
SSW **516-530 W. 48TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.205 mi.
1084 ft. **Site 6 of 10 in cluster AJ**

Relative:
Lower

Actual:
19 ft.

UST:
Id/Status: 2-607515 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2

520 W. 48TH STREET (Continued) **U004045624**

Expiration Date: N/A
UTM X: 584926.73254
UTM Y: 4513026.3299200004

Affiliation Records:
Site Id: 29367
Affiliation Type: Facility Owner
Company Name: HAB CLINTON ASSOCIATES, LLC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 155 3RD STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11231-4822
Country Code: 001
Phone: (718) 875-8500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29367
Affiliation Type: Mail Contact
Company Name: THE HUDSON COMPANIES, INC.
Contact Type: Not reported
Contact Name: KIM NASH
Address1: 155 3RD STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11231-4822
Country Code: 001
Phone: (718) 875-8500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29367
Affiliation Type: On-Site Operator
Company Name: 520 W. 48TH STREET
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29367
Affiliation Type: Emergency Contact

520 W. 48TH STREET (Continued) **U004045624**

Company Name:	HAB CLINTON ASSOCIATES, LLC.
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	63108
Tank Status:	Closed - Removed
Capacity Gallons:	1000
Install Date:	Not reported
Date Tank Closed:	11/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number:	002
Tank ID:	63109
Tank Status:	Closed - Removed
Capacity Gallons:	5000
Install Date:	Not reported
Date Tank Closed:	11/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

520 W. 48TH STREET (Continued) **U004045624**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 003
Tank ID: 63110
Tank Status: Closed - Removed
Capacity Gallons: 2500
Install Date: Not reported
Date Tank Closed: 11/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 004
Tank ID: 63111
Tank Status: Closed - Removed
Capacity Gallons: 3000
Install Date: Not reported

520 W. 48TH STREET (Continued) **U004045624**

Date Tank Closed:	11/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

AJ350 **DOWNTOWN IGNITION** **RCRA-CESQG** **1001460222**
SSW **548 W 48TH ST** **FINDS** **NYR000066738**
1/8-1/4 **NEW YORK, NY 10025** **NY MANIFEST**
0.205 mi.
1084 ft. **Site 7 of 10 in cluster AJ**

Relative:
Higher

Actual:
28 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	DOWNTOWN IGNITION
Facility address:	548 W 48TH ST NEW YORK, NY 10025
EPA ID:	NYR000066738
Mailing address:	W 48TH ST NEW YORK, NY 10025
Contact:	ZALMAN SIROTA
Contact address:	W 48TH ST NEW YORK, NY 10025
Contact country:	US
Contact telephone:	(212) 247-4575
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of

DOWNTOWN IGNITION (Continued) **1001460222**

any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ZALMAN SIROTA
Owner/operator address:	548 W 48TH ST NEW YORK, NY 10036
Owner/operator country:	US
Owner/operator telephone:	(212) 247-4337
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ZALMAN SIROTA
Owner/operator address:	548 W 48TH ST NEW YORK, NY 10036
Owner/operator country:	US
Owner/operator telephone:	(212) 247-4337
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	DOWNTOWN IGNITION
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	02/05/1999
Facility name:	DOWNTOWN IGNITION
Classification:	Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004550799

DOWNTOWN IGNITION (Continued) **1001460222**

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYR000066738
Country:	USA
Mailing Name:	DOWNTOWN IGNITION & AUTO
Mailing Contact:	Z SOPOTA
Mailing Address:	548 W 48TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10036
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-247-4575

Document ID:	NJA4004230
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	Not reported
Generator Ship Date:	12/21/2001
Trans1 Recv Date:	12/21/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/21/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000066738
Trans1 EPA ID:	NJD000768093
Trans2 EPA ID:	Not reported
TSDF ID:	086908690
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00027
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2001

Document ID:	NJA3281647
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	Not reported
Generator Ship Date:	10/23/2001
Trans1 Recv Date:	10/23/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/23/2001
Part A Recv Date:	Not reported

DOWNTOWN IGNITION (Continued) **1001460222**

Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00017
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3266030
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 09/07/2001
Trans1 Recv Date: 09/07/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/07/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000076893
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00009
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00011
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3145906
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 01/05/2000
Trans1 Recv Date: 01/05/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/05/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738

DOWNTOWN IGNITION (Continued) **1001460222**

Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00016
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA3010469
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 03/01/2000
Trans1 Recv Date: 03/01/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/01/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00015
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA2920161
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 01/31/2000
Trans1 Recv Date: 01/31/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/31/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00015
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.

DOWNTOWN IGNITION (Continued) **1001460222**

Specific Gravity: 01.00
Year: 2000

Document ID: NJA2931115
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 01/26/2000
Trans1 Recv Date: 01/26/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/26/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00010
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00015
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA2945032
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 03/22/2000
Trans1 Recv Date: 03/22/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/22/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00010
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES

DOWNTOWN IGNITION (Continued) **1001460222**

Quantity:	00020
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2000

Document ID:	NYC7007848
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	Not reported
Generator Ship Date:	03/28/2003
Trans1 Recv Date:	03/28/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/02/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000066738
Trans1 EPA ID:	NYD000708198
Trans2 EPA ID:	Not reported
TSDF ID:	NYAT8011
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00011
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00016
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2003

Document ID:	NYC7025253
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	Not reported
Generator Ship Date:	01/28/2003
Trans1 Recv Date:	01/28/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/03/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000066738
Trans1 EPA ID:	NYD000708198
Trans2 EPA ID:	Not reported
TSDF ID:	NY94882JE
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00012
Units:	G - Gallons (liquids only)* (8.3 pounds)

DOWNTOWN IGNITION (Continued) **1001460222**

Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00017
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2003

Document ID: NJA3147614
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 08/19/1999
Trans1 Recv Date: 08/19/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/19/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00008
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00023
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 99

Document ID: NJA3007207
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 03/23/1999
Trans1 Recv Date: 03/23/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/23/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093

DOWNTOWN IGNITION (Continued) **1001460222**

Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00018
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 99

Document ID: NJA3009158
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 06/22/1999
Trans1 Recv Date: 06/22/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/22/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00009
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00029
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 99

Document ID: NJA3004929
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 04/22/1999
Trans1 Recv Date: 04/22/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/22/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690

DOWNTOWN IGNITION (Continued) **1001460222**

Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00009
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00031
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	99

Document ID:	NJA3141787
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	Not reported
Generator Ship Date:	10/15/1999
Trans1 Recv Date:	10/15/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/15/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000066738
Trans1 EPA ID:	NJD000768093
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00008
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00026
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	99

Document ID:	NJA3142798
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	Not reported
Generator Ship Date:	09/15/1999
Trans1 Recv Date:	09/15/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/16/1999
Part A Recv Date:	Not reported

DOWNTOWN IGNITION (Continued) **1001460222**

Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NJD000768093
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00014
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 99

Document ID: NYC6795077
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 06/12/2002
Trans1 Recv Date: 06/12/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/17/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NYD000708198
Trans2 EPA ID: Not reported
TSDF ID: 89930JENY
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00017
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00010
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2002

Document ID: NYC6766738
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2002
Trans1 Recv Date: 04/15/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/18/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738

DOWNTOWN IGNITION (Continued) **1001460222**

Trans1 EPA ID: NYD000708198
Trans2 EPA ID: Not reported
TSDF ID: 89930JENY
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00010
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00013
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2002

Document ID: NYC6814686
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 08/07/2002
Trans1 Recv Date: 08/07/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/12/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000066738
Trans1 EPA ID: NYD000708198
Trans2 EPA ID: Not reported
TSDF ID: 89930JENY
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00012
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00012
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2002

Document ID: NYC6629253
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 02/14/2002
Trans1 Recv Date: 02/14/2002

DOWNTOWN IGNITION (Continued) **1001460222**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/18/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000066738
Trans1 EPA ID:	NYD000708198
Trans2 EPA ID:	Not reported
TSDF ID:	89930JENY
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00006
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00018
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2002

Click this hyperlink while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

AJ351 **EDR US Hist Auto Stat** **1015548950**
SSW **548 W 48TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.205 mi.
1084 ft. **Site 8 of 10 in cluster AJ**

Relative:
Higher

Actual:
28 ft.

EDR Historical Auto Stations:

Name:	DOWNTOWN IGNITION AND AUTO ELECTRIC SVCE
Year:	1999
Address:	548 W 48TH ST
Name:	DOWNTOWN IGNITION AND AUTO ELECTRIC SVCE
Year:	2000
Address:	548 W 48TH ST
Name:	DOWNTOWN IGNTN & AUTO ELCTRC
Year:	2001
Address:	548 W 48TH ST
Name:	DWNTWN IGNTN AUTO ELCTRC SERV
Year:	2002
Address:	548 W 48TH ST
Name:	DOWNTOWN IGNTN & AUTO ELCTRC
Year:	2003
Address:	548 W 48TH ST
Name:	DOWNTOWN IGNITION & AUTO ELECTRIC
Year:	2008
Address:	548 W 48TH ST

AL352 **CBS BROADCAST CENTER** **NY UST** **U003836007**
NNE **524 WEST 57TH STREET** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.205 mi.
1084 ft. **Site 1 of 23 in cluster AL**

Relative:
Higher

Actual:
41 ft.

UST:

Id/Status:	2-607127 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2016/10/30
UTM X:	585301.37187000003
UTM Y:	4513560.43413

Affiliation Records:

Site Id:	28981
Affiliation Type:	Mail Contact
Company Name:	CBS BROADCASTING, INC.
Contact Type:	Not reported
Contact Name:	THOMAS GUZZI
Address1:	524 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 975-7276
EMail:	TJGUZZI@CBS.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/2/2012

Site Id:	28981
Affiliation Type:	On-Site Operator
Company Name:	CBS BROADCAST CENTER
Contact Type:	Not reported
Contact Name:	THOMAS DIPIETRO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 975-8462
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/2/2012

Site Id:	28981
Affiliation Type:	Emergency Contact
Company Name:	CBS BROADCASTING, INC.
Contact Type:	Not reported
Contact Name:	THOMAS GUZZI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

CBS BROADCAST CENTER (Continued) **U003836007**

Country Code:	999
Phone:	(212) 975-7276
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/2/2012

Site Id:	28981
Affiliation Type:	Facility Owner
Company Name:	CBS BROADCASTING, INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	524 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 975-2236
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/2/2012

Tank Info:

Tank Number:	001
Tank ID:	62365
Tank Status:	In Service
Capacity Gallons:	15000
Install Date:	04/01/2000
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	08/02/2012

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
F04 - Pipe External Protection - Fiberglass
E04 - Piping Secondary Containment - Double-Walled (Underground)

CBS BROADCAST CENTER (Continued) **U003836007**

HIST UST:

PBS Number:	2-607127
SPDES Number:	Not reported
Emergency Contact:	RICHARD SHERIDAN
Emergency Telephone:	(212) 975-8143
Operator:	RICHARD SHERIDAN
Operator Telephone:	(212) 975-8143
Owner Name:	CBS, INC.
Owner Address:	51 W. 52ND STREET
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 975-8143
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	% CBS, INC.
Mailing Address:	524 WEST 57TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	RICHARD SHERIDAN
Mailing Telephone:	(212) 975-8143
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	11/05/2001
Expiration Date:	10/30/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	15000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	20000401
Capacity (gals):	15000
Product Stored:	DIESEL
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass

CBS BROADCAST CENTER (Continued) **U003836007**

Pipe Location:	Aboveground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AL353 **EDR US Hist Auto Stat** **1015539498**
NNE **524 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.205 mi.
1084 ft. **Site 2 of 23 in cluster AL**

Relative:
Higher

Actual:
41 ft.

EDR Historical Auto Stations:

Name:	VIACOM TELEVISION STATIONS GROUP
Year:	2006
Address:	524 W 57TH ST
Name:	VIACOM TELEVISION STATIONS GROUP
Year:	2007
Address:	524 W 57TH ST
Name:	VIACOM STATIONS GROUP
Year:	2008
Address:	524 W 57TH ST
Name:	VIACOM STATIONS GROUP
Year:	2009
Address:	524 W 57TH ST

AJ354 **EDR US Hist Auto Stat** **1015550096**
SSW **550 W 48TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.205 mi.
1085 ft. **Site 9 of 10 in cluster AJ**

Relative:
Higher

Actual:
29 ft.

EDR Historical Auto Stations:

Name:	TEKNICAR INC
Year:	2005
Address:	550 W 48TH ST
Name:	TEKNICAR INC
Year:	2006
Address:	550 W 48TH ST

AL355 **CON EDISON** **NY MANIFEST** **S112817678**
NE **514 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.205 mi.
1085 ft. **Site 3 of 23 in cluster AL**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

EPA ID:	NYP004275855
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-24
Trans1 Recv Date:	2012-10-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004275855
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457435JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AK356
SW
1/8-1/4
0.206 mi.
1086 ft.

CONSOLIDATED EDISON
552 WEST 48 STREET
NEW YORK, NY 10009

Site 2 of 5 in cluster AK

NY MANIFEST **S109584167**
N/A

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

EPA ID:	NYP004166807
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-13
Trans1 Recv Date:	2009-04-13
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-04-15
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004166807
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001028344JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CONSOLIDATED EDISON (Continued) **S109584167**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-13
Trans1 Recv Date:	2009-04-13
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-04-15
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004166807
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001028344JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-13
Trans1 Recv Date:	2009-04-13
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-04-15
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004166807
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001028344JJK

CONSOLIDATED EDISON (Continued) **S109584167**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-13
Trans1 Recv Date:	2009-04-13
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-04-15
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004166807
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001028344JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AL357
NNE
1/8-1/4
0.206 mi.
1088 ft.

CONSOLIDATED EDISON
V1385-F/O 524 W 57TH ST
NEW YORK, NY

Site 4 of 23 in cluster AL

NY MANIFEST **1009238430**
N/A

Relative:
Higher

Actual:
41 ft.

NY MANIFEST:

EPA ID:	NYP004048542
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0760545
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/14/2000
Trans1 Recv Date:	01/14/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/18/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004048542
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	GX3213
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00830
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

AL358
NNE
1/8-1/4
0.206 mi.
1088 ft.

CONSOLIDATED EDISON
V5380-524 W 57TH ST
NEW YORK, NY 10003

Site 5 of 23 in cluster AL

NY MANIFEST **1009238822**
N/A

Relative:
Higher

Actual:
41 ft.

NY MANIFEST:

EPA ID:	NYP004053443
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003

CONSOLIDATED EDISON (Continued) **1009238822**

Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808
Document ID:	NYE0671715
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	04/13/2000
Trans1 Recv Date:	04/13/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/13/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004053443
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	20854AD
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01065
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

AL359 **V5559** **RCRA NonGen / NLR** **1007207484**
NNE **524 W.57TH STREET** **NY MANIFEST** **NYP004046850**
1/8-1/4 **NEW YORK CITY, NY 10019**
0.206 mi.
1088 ft. **Site 6 of 23 in cluster AL**

Relative:
Higher

Actual:
41 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/03/2001
Facility name:	V5559
Facility address:	524 W.57TH STREET NEW YORK CITY, NY 10019
EPA ID:	NYP004046850
Mailing address:	CONSOLIDATED EDISON INC. 4 IRVING PLACE -- ROOM 300 NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	CONSOLIDATED EDISON INC. NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

V5559 (Continued) **1007207484**

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/02/2001
Facility name: V5559
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: V5559
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP004046850
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE0404667
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 12/02/1999
Trans1 Recv Date: 12/02/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/02/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004046850
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported
TSDF ID: 20856AD
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 01242
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001

V5559 (Continued) **1007207484**

Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99

AL360 **CBS BROADCAST CENTER** **RCRA-CESQG** **1000872837**
NNE **518-564 W 57TH ST** **FINDS** **NYD987040565**
1/8-1/4 **NEW YORK, NY 10019** **NJ MANIFEST**
0.206 mi. **NY MANIFEST**
1088 ft. **Site 7 of 23 in cluster AL** **US AIRS**

Relative:
Higher

Actual:
41 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: CBS BROADCAST CENTER
Facility address: 518-564 W 57TH ST
NEW YORK, NY 10019
EPA ID: NYD987040565
Mailing address: W 57TH ST
NEW YORK, NY 10019
Contact: RICHARD SHERIDAN
Contact address: W 57TH ST
NEW YORK, NY 10019
Contact country: US
Contact telephone: (212) 975-8143
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: CBS INC
Owner/operator address: 51 W 52ND ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 975-8143
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CBS INC
Owner/operator address: 51 W 52ND ST
NEW YORK, NY 10019

CBS BROADCAST CENTER (Continued) **1000872837**

Owner/operator country: US
Owner/operator telephone: (212) 975-8143
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: CBS BROADCAST CENTER
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/08/1993
Facility name: CBS BROADCAST CENTER
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 06/30/1999
Date achieved compliance: 11/18/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/28/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/30/1999
Date achieved compliance: 11/18/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/28/1999
Enf. disposition status: Not reported

CBS BROADCAST CENTER (Continued) **1000872837**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/30/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 11/18/1999
Evaluation lead agency: State

Evaluation date: 06/30/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/18/1999
Evaluation lead agency: State

FINDS:

Registry ID: 110004508667

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NJ MANIFEST:
Manifest Code: NJA5077253
EPA ID: NYD987040565
Date Shipped: 06/14/2004
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD071629976
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported

CBS BROADCAST CENTER (Continued) **1000872837**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/14/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/14/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06280421
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

NY MANIFEST:

EPA ID:	NYP004275913
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

CBS BROADCAST CENTER (Continued) **1000872837**

Document ID:	INA1235804
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	05/29/1998
Trans1 Recv Date:	05/29/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/11/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	IND000646943
Trans2 EPA ID:	Not reported
TSDF ID:	T2V841
Waste Code:	U159 - METHYL ETHYL KETONE(L,T)
Quantity:	00015
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00220
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	INA1235804
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	05/29/1998
Trans1 Recv Date:	05/29/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/11/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	IND000646943

CBS BROADCAST CENTER (Continued) **1000872837**

Trans2 EPA ID:	Not reported
TSDF ID:	T2V841
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00025
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	NJA5004367
Manifest Status:	Not reported
Trans1 State ID:	NJD071629976
Trans2 State ID:	Not reported
Generator Ship Date:	12/16/2003
Trans1 Recv Date:	12/16/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/19/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	NJD002200046
Trans2 EPA ID:	Not reported
TSDF ID:	03712
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00080
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	016
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2003

CBS BROADCAST CENTER (Continued) **1000872837**

Document ID:	NYG2422089
Manifest Status:	Not reported
Trans1 State ID:	IND000646943
Trans2 State ID:	NJD986607380
Generator Ship Date:	05/30/2002
Trans1 Recv Date:	05/30/2002
Trans2 Recv Date:	06/07/2002
TSD Site Recv Date:	06/18/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	IND000646943
Trans2 EPA ID:	Not reported
TSDF ID:	IN198069
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00050
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	F001 - UNKNOWN
Quantity:	02000
Units:	P - Pounds
Number of Containers:	012
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYG2422224
Manifest Status:	Not reported
Trans1 State ID:	IND000646943
Trans2 State ID:	NJD986607380
Generator Ship Date:	03/05/2002
Trans1 Recv Date:	03/05/2002
Trans2 Recv Date:	03/13/2002
TSD Site Recv Date:	03/14/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	IND000646943
Trans2 EPA ID:	Not reported
TSDF ID:	NYIN024
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	02000
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2002

Document ID:	NJA5077253
Manifest Status:	Not reported

CBS BROADCAST CENTER (Continued) **1000872837**

Trans1 State ID:	03217
Trans2 State ID:	Not reported
Generator Ship Date:	06/14/2004
Trans1 Recv Date:	06/14/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/14/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	NJD071624976
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00075
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	015
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-24
Trans1 Recv Date:	2012-10-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004275913
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010408629JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

CBS BROADCAST CENTER (Continued) **1000872837**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-24
Trans1 Recv Date:	2012-10-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004275947
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010408654JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

EPA ID:	NYP004275947
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	INA1235804
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	05/29/1998
Trans1 Recv Date:	05/29/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/11/1998

CBS BROADCAST CENTER (Continued) **1000872837**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	IND000646943
Trans2 EPA ID:	Not reported
TSDF ID:	T2V841
Waste Code:	U159 - METHYL ETHYL KETONE(L,T)
Quantity:	00015
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00220
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	INA1235804
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	05/29/1998
Trans1 Recv Date:	05/29/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/11/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	IND000646943
Trans2 EPA ID:	Not reported
TSDF ID:	T2V841
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.

CBS BROADCAST CENTER (Continued) **1000872837**

Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00025
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA5004367
Manifest Status: Not reported
Trans1 State ID: NJD071629976
Trans2 State ID: Not reported
Generator Ship Date: 12/16/2003
Trans1 Recv Date: 12/16/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/19/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987040565
Trans1 EPA ID: NJD002200046
Trans2 EPA ID: Not reported
TSDF ID: 03712
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00080
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 016
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2003

Document ID: NYG2422089
Manifest Status: Not reported
Trans1 State ID: IND000646943
Trans2 State ID: NJD986607380
Generator Ship Date: 05/30/2002
Trans1 Recv Date: 05/30/2002
Trans2 Recv Date: 06/07/2002
TSD Site Recv Date: 06/18/2002

CBS BROADCAST CENTER (Continued) **1000872837**

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987040565
Trans1 EPA ID: IND000646943
Trans2 EPA ID: Not reported
TSDF ID: IN198069
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00050
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: F001 - UNKNOWN
Quantity: 02000
Units: P - Pounds
Number of Containers: 012
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2002

Document ID: NYG2422224
Manifest Status: Not reported
Trans1 State ID: IND000646943
Trans2 State ID: NJD986607380
Generator Ship Date: 03/05/2002
Trans1 Recv Date: 03/05/2002
Trans2 Recv Date: 03/13/2002
TSD Site Recv Date: 03/14/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987040565
Trans1 EPA ID: IND000646943
Trans2 EPA ID: Not reported
TSDF ID: NYIN024
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 02000
Units: P - Pounds
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2002

Document ID: NJA5077253
Manifest Status: Not reported
Trans1 State ID: 03217
Trans2 State ID: Not reported
Generator Ship Date: 06/14/2004
Trans1 Recv Date: 06/14/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/14/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported

CBS BROADCAST CENTER (Continued) **1000872837**

Generator EPA ID: NYD987040565
Trans1 EPA ID: NJD071624976
Trans2 EPA ID: Not reported
TSDF ID: NJD002200
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00075
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 015
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2004

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-10-24
Trans1 Recv Date: 2012-10-24
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-10-26
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004275913
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 010408629JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-10-24
Trans1 Recv Date: 2012-10-24
Trans2 Recv Date: Not reported

CBS BROADCAST CENTER (Continued) **1000872837**

TSD Site Recv Date:	2012-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004275947
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010408654JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

EPA ID:	NYD987040565
Country:	USA
Mailing Name:	CBS BROADCASTING CO
Mailing Contact:	RICHARD F SHERIDAN
Mailing Address:	524 W 57TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-975-8143

Document ID:	INA1235804
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	05/29/1998
Trans1 Recv Date:	05/29/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/11/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	IND000646943
Trans2 EPA ID:	Not reported
TSDF ID:	T2V841
Waste Code:	U159 - METHYL ETHYL KETONE(L,T)

CBS BROADCAST CENTER (Continued) **1000872837**

Quantity:	00015
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00220
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	INA1235804
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	05/29/1998
Trans1 Recv Date:	05/29/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/11/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987040565
Trans1 EPA ID:	IND000646943
Trans2 EPA ID:	Not reported
TSDF ID:	T2V841
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00025
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.

CBS BROADCAST CENTER (Continued) **1000872837**

Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA5004367
Manifest Status: Not reported
Trans1 State ID: NJD071629976
Trans2 State ID: Not reported
Generator Ship Date: 12/16/2003
Trans1 Recv Date: 12/16/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/19/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987040565
Trans1 EPA ID: NJD002200046
Trans2 EPA ID: Not reported
TSDF ID: 03712
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00080
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 016
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2003

Document ID: NYG2422089
Manifest Status: Not reported
Trans1 State ID: IND000646943
Trans2 State ID: NJD986607380
Generator Ship Date: 05/30/2002
Trans1 Recv Date: 05/30/2002
Trans2 Recv Date: 06/07/2002
TSD Site Recv Date: 06/18/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987040565
Trans1 EPA ID: IND000646943
Trans2 EPA ID: Not reported
TSDF ID: IN198069
Waste Code: D009 - MERCURY 0.2 MG/L TCLP

CBS BROADCAST CENTER (Continued) **1000872837**

Quantity: 00050
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: F001 - UNKNOWN
Quantity: 02000
Units: P - Pounds
Number of Containers: 012
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2002

Document ID: NYG2422224
Manifest Status: Not reported
Trans1 State ID: IND000646943
Trans2 State ID: NJD986607380
Generator Ship Date: 03/05/2002
Trans1 Recv Date: 03/05/2002
Trans2 Recv Date: 03/13/2002
TSD Site Recv Date: 03/14/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987040565
Trans1 EPA ID: IND000646943
Trans2 EPA ID: Not reported
TSDF ID: NYIN024
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 02000
Units: P - Pounds
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2002

Document ID: NJA5077253
Manifest Status: Not reported
Trans1 State ID: 03217
Trans2 State ID: Not reported
Generator Ship Date: 06/14/2004
Trans1 Recv Date: 06/14/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/14/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987040565
Trans1 EPA ID: NJD071624976
Trans2 EPA ID: Not reported
TSDF ID: NJD002200
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00075
Units: G - Gallons (liquids only)* (8.3 pounds)

CBS BROADCAST CENTER (Continued) **1000872837**

Number of Containers:	015
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-24
Trans1 Recv Date:	2012-10-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004275913
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010408629JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-24
Trans1 Recv Date:	2012-10-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004275947
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046

CBS BROADCAST CENTER (Continued) **1000872837**

Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010408654JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID:	110013313716
Plant name:	CBS BROADCASTING INC - 524 WEST 57TH ST
Plant address:	524 WEST 57TH ST NEW YORK, NY 10019
County:	NEW YORK
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043
Sic code:	4832
Sic code desc:	Not reported
North Am. industrial classf:	Not reported
NAIC code description:	Not reported
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS.
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	031126
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040506
Penalty amount:	Not reported
Air program:	SIP SOURCE

CBS BROADCAST CENTER (Continued) **1000872837**

National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 040803
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 040803
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 040902
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 041129
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 050816
Penalty amount: 000006000

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 051202
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 061129
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 071126
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 081126
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090806
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 090910
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 090911

CBS BROADCAST CENTER (Continued) **1000872837**

Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 090925
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 091112
Penalty amount: 000005000

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 091117
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 101122
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 111122
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

CBS BROADCAST CENTER (Continued) **1000872837**

Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0

AL361 **NY LTANKS** **S106719412**
NNE **524 WEST 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY**
0.206 mi.
1088 ft. **Site 8 of 23 in cluster AL**

Relative:
Higher

Actual:
41 ft.

LTANKS:
Site ID: 279927
Spill Number/Closed Date: 0403062 / 6/23/2004
Spill Date: 6/19/2004
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 6/19/2004
CID: 72
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 6/19/2004
Spill Record Last Update: 7/27/2004
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: ROGER ROMANCE
Spiller Phone: (646) 772-5889
Spiller Extention: Not reported
DEC Region: 2

(Continued) **S106719412**

DER Facility ID: 227269
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"Same as spill # 0403162. Corner building has two addresses. YK.
Remarks: Oil tank was overfilled in basement of commercial building. Oil company rep. en route to assess. Unknown quantity has spilled onto basement floor.

Material:
Site ID: 279927
Operable Unit ID: 886579
Operable Unit: 01
Material ID: 490667
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AM362 **EDR US Hist Auto Stat** **1015504530**
ENE **455 W 56TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.206 mi.
1088 ft. **Site 1 of 4 in cluster AM**

Relative:
Higher

Actual:
63 ft.

EDR Historical Auto Stations:
Name: AUTOMOTIVE DIAGNOSTIC CTR
Year: 2003
Address: 455 W 56TH ST

Name: AUTOMOTIVE DIAGNOSTIC CTR
Year: 2010
Address: 455 W 56TH ST

Name: AUTOMOTIVE DIAGNOSTIC CENTER
Year: 2012
Address: 455 W 56TH ST

AM363 **CON EDISON** **NY MANIFEST** **S112210928**
ENE **455 W 56 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.206 mi.
1088 ft. **Site 2 of 4 in cluster AM**

Relative:
Higher

Actual:
63 ft.

NY MANIFEST:
EPA ID: NYP004271326
Country: USA
Mailing Name: CON EDISON

CON EDISON (Continued) **S112210928**

Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271326
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457310JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AL364 **CON EDISON** **NY MANIFEST** **S112817697**
NNE **528 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.206 mi.
1090 ft. **Site 9 of 23 in cluster AL**

Relative:
Higher

Actual:
35 ft.

NY MANIFEST:

EPA ID:	NYP004276093
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR

CON EDISON (Continued) **S112817697**

Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-25
Trans1 Recv Date:	2012-10-25
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004276093
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010408673JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AL365 **CBS BROADCAST CENTER NY** **NY AST** **A100293507**
NNE **530 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.207 mi.
1091 ft. **Site 10 of 23 in cluster AL**

Relative:
Higher

Actual:
33 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-017515
Program Type:	PBS
UTM X:	585331.98450999998
UTM Y:	4513654.4194299998

CBS BROADCAST CENTER NY (Continued) **A100293507**

Expiration Date: 2014/09/14

Affiliation Records:

Site Id:	141
Affiliation Type:	Mail Contact
Company Name:	CBS BROADCASTING INC.
Contact Type:	Not reported
Contact Name:	WILLIAM GRIECO
Address1:	524 WEST 57 STREET
Address2:	ROOM 3414
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 975-2236
EMail:	WGRIECO@CBS.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/15/2009

Site Id:	141
Affiliation Type:	On-Site Operator
Company Name:	CBS BROADCAST CENTER NY
Contact Type:	Not reported
Contact Name:	WILLIAM GRIECO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 975-2236
EMail:	Not reported
Fax Number:	Not reported
Modified By:	bkfalvey
Date Last Modified:	9/23/2009

Site Id:	141
Affiliation Type:	Emergency Contact
Company Name:	CBS BROADCASTING INC.
Contact Type:	Not reported
Contact Name:	WILLIAM GRIECO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 975-2236
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/27/2009

Site Id:	141
Affiliation Type:	Facility Owner
Company Name:	CBS BROADCASTING INC.
Contact Type:	DIRECTOR, FAC. OPNS.

CBS BROADCAST CENTER NY (Continued) **A100293507**

Contact Name:	WILLIAM GRIECO
Address1:	524 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 975-2236
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/27/2009

Tank Info:

Tank Number:	002
Tank Id:	180032
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/10/1993
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/14/2004

Tank Number:	003
Tank Id:	180033
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

D00 - Pipe Type - No Piping
J00 - Dispenser - None

CBS BROADCAST CENTER NY (Continued) **A100293507**

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
K99 - Spill Prevention - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I99 - Overfill - Other

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1986
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/09/2004
Register: True
Modified By: NRLOMBAR
Last Modified: 01/06/2005

Tank Number: G3
Tank Id: 231334
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
G00 - Tank Secondary Containment - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/16/1984
Capacity Gallons: 100
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 10/27/2009

Tank Number: G4

CBS BROADCAST CENTER NY (Continued) **A100293507**

Tank Id: 231335
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
G00 - Tank Secondary Containment - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/16/1984
Capacity Gallons: 100
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 10/27/2009

AL366 **CBS BROADCAST CENTER NY** **NY HIST UST** **U000408181**
NNE **530 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.207 mi.
1091 ft. **Site 11 of 23 in cluster AL**

Relative:
Higher

Actual:
33 ft.

HIST UST:
PBS Number: 2-017515
SPDES Number: Not reported
Emergency Contact: RICHARD F SHERIDAN
Emergency Telephone: (212) 975-8143
Operator: RICHARD F SHERIDAN
Operator Telephone: (212) 975-8143
Owner Name: CBS INC
Owner Address: 51 W 52ND ST
Owner City,St,Zip: NEW YORK, NY 10019
Owner Telephone: (212) 975-8143
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: CBS INC
Mailing Address: 524 WEST 57TH STREET
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10019
Mailing Contact: RICHARD SHERIDAN
Mailing Telephone: (212) 975-8143
Owner Mark: First Owner

CBS BROADCAST CENTER NY (Continued) **U000408181**

Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	530 W 57TH ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	Not reported
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	16000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Vault (w/o access)
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1988
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1993
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

AL367 **CBS BROADCAST CENTER NY** **NY UST** **U004081229**
NNE **530 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.207 mi.
1091 ft. **Site 12 of 23 in cluster AL**

Relative:
Higher

Actual:
33 ft.

UST:

Id/Status:	2-017515 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2014/09/14
UTM X:	585331.98450999998
UTM Y:	4513654.4194299998

Affiliation Records:

Site Id:	141
Affiliation Type:	Mail Contact
Company Name:	CBS BROADCASTING INC.
Contact Type:	Not reported
Contact Name:	WILLIAM GRIECO
Address1:	524 WEST 57 STREET
Address2:	ROOM 3414
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 975-2236
EMail:	WGRIECO@CBS.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/15/2009

Site Id:	141
Affiliation Type:	On-Site Operator
Company Name:	CBS BROADCAST CENTER NY
Contact Type:	Not reported
Contact Name:	WILLIAM GRIECO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 975-2236
EMail:	Not reported
Fax Number:	Not reported
Modified By:	bkfalvey
Date Last Modified:	9/23/2009

Site Id:	141
Affiliation Type:	Emergency Contact
Company Name:	CBS BROADCASTING INC.
Contact Type:	Not reported
Contact Name:	WILLIAM GRIECO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

CBS BROADCAST CENTER NY (Continued) **U004081229**

Country Code:	999
Phone:	(212) 975-2236
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/27/2009

Site Id:	141
Affiliation Type:	Facility Owner
Company Name:	CBS BROADCASTING INC.
Contact Type:	DIRECTOR, FAC. OPNS.
Contact Name:	WILLIAM GRIECO
Address1:	524 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 975-2236
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/27/2009

Tank Info:

Tank Number:	001
Tank ID:	30422
Tank Status:	Closed - In Place
Capacity Gallons:	16000
Install Date:	Not reported
Date Tank Closed:	02/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	03
Date Test:	09/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
B00 - Tank External Protection - None
G07 - Tank Secondary Containment - Excavation/Trench Liner System
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

AN368 **SAINT VINCENT'S MIDTOWN HOSPITAL** **NY AST** **A100295918**
SE **415 WEST 51ST STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.207 mi.
1095 ft. **Site 1 of 15 in cluster AN**

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609786
Program Type:	PBS
UTM X:	585331.22979999997
UTM Y:	4513093.5963300001
Expiration Date:	2009/12/08

Affiliation Records:

Site Id:	334863
Affiliation Type:	Facility Owner
Company Name:	SAINT VINCENTS MIDTOWN HOSPITAL
Contact Type:	DIRECTOR OF FACILITIES MGMT
Contact Name:	MICHAEL ANTONIADES
Address1:	415 WEST 51ST STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 458-8400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/8/2004

Site Id:	334863
Affiliation Type:	Mail Contact
Company Name:	SAINT VINCENTS MIDTOWN HOSPITAL
Contact Type:	DIRECTOR OF FACILITIES MGMT
Contact Name:	MICHAEL ANTONIADES
Address1:	415 WEST 51ST STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 458-8400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/8/2004

Site Id:	334863
Affiliation Type:	On-Site Operator
Company Name:	SAINT VINCENTS MIDTOWN HOSPITAL
Contact Type:	Not reported
Contact Name:	MICHAEL ANTONIADES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

SAINT VINCENT'S MIDTOWN HOSPITAL (Continued) **A100295918**

Zip Code: Not reported
Country Code: 001
Phone: (212) 458-8400
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/8/2004

Site Id: 334863
Affiliation Type: Emergency Contact
Company Name: SAINT VINCENTS MIDTOWN HOSPITAL
Contact Type: Not reported
Contact Name: MICHAEL ANTONIADES / REGINA ZUVICH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 459-8000
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/8/2004

Tank Info:

Tank Number: 1
Tank Id: 181091
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I99 - Overfill - Other
L00 - Piping Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1999
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

SAINT VINCENT'S MIDTOWN HOSPITAL (Continued) **A100295918**

Register: True
Modified By: KXTANG
Last Modified: 12/08/2004

Tank Number: 2A
Tank Id: 181092
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I99 - Overfill - Other
L00 - Piping Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1967
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KXTANG
Last Modified: 12/08/2004

Tank Number: 2B
Tank Id: 181093
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I99 - Overfill - Other
L00 - Piping Leak Detection - None

SAINT VINCENT'S MIDTOWN HOSPITAL (Continued) **A100295918**

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1967
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	12/08/2004

AN369 **ST CLARES HOSP & HEALTH CTR#** **RCRA-CESQG** **1000173898**
SE **415 W 51ST ST** **FINDS** **NYD068206440**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.207 mi.
1095 ft. **Site 2 of 15 in cluster AN**

Relative:
Higher

Actual:
51 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	ST CLARES HOSP & HEALTH CTR#
Facility address:	415 W 51ST ST NEW YORK, NY 10019
EPA ID:	NYD068206440
Mailing address:	W 51ST ST NEW YORK, NY 10019
Contact:	Not reported
Contact address:	W 51ST ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: ST CLARES HOSP & HEALTH CTR#
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/1979
Facility name: ST CLARES HOSP & HEALTH CTR#
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004366212

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

NY MANIFEST:

EPA ID:	NYD068206440
Country:	USA
Mailing Name:	ST VINCENTS MIDTOWN HOSPITAL
Mailing Contact:	HAROLD JORDAN
Mailing Address:	415 W 51 STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-586-1500

Document ID:	NYG0395199
Manifest Status:	Completed copy
Trans1 State ID:	PX3640
Trans2 State ID:	Not reported
Generator Ship Date:	971106
Trans1 Recv Date:	971106
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971106
Part A Recv Date:	Not reported
Part B Recv Date:	971124
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00025
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYB7438239
Manifest Status:	Completed copy
Trans1 State ID:	PD9938
Trans2 State ID:	Not reported
Generator Ship Date:	960123
Trans1 Recv Date:	960123
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960123
Part A Recv Date:	Not reported
Part B Recv Date:	960202
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	F003 - UNKNOWN
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	006

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	107
Year:	96

Document ID:	RIS0015740
Manifest Status:	Not reported
Trans1 State ID:	NYD082785429
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/07/1999
Trans1 Recv Date:	12/07/1999
Trans2 Recv Date:	12/16/1999
TSD Site Recv Date:	12/16/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	RID040098352
Trans2 EPA ID:	Not reported
TSDF ID:	PX3640
Waste Code:	F003 - UNKNOWN
Quantity:	00160
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	P012 - ARSENIC TRIOXIDE
Quantity:	00002
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	P098 - POTASSIUM CYANIDE
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

Document ID:	RIS0015741
Manifest Status:	Not reported
Trans1 State ID:	NYD082785429
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/07/1999
Trans1 Recv Date:	12/07/1999

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Trans2 Recv Date:	12/16/1999
TSD Site Recv Date:	12/16/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	RID040098352
Trans2 EPA ID:	Not reported
TSDF ID:	PX3640
Waste Code:	P119 - VANADIC ACID, AMMONIUM SALT/
Quantity:	00002
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	U133 - HYDRAZINE (R,T)
Quantity:	00002
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	P087 - OSMIUM TETROXIDE
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

Document ID:	RIS0015742
Manifest Status:	Not reported
Trans1 State ID:	NYD082785429
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/07/1999
Trans1 Recv Date:	12/07/1999
Trans2 Recv Date:	12/16/1999
TSD Site Recv Date:	12/16/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	RID040098352
Trans2 EPA ID:	Not reported
TSDF ID:	PX3640
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00013
Units:	P - Pounds
Number of Containers:	001

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F003 - UNKNOWN
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00081
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

Document ID:	RIS0015743
Manifest Status:	Not reported
Trans1 State ID:	NYD082785429
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/07/1999
Trans1 Recv Date:	12/07/1999
Trans2 Recv Date:	12/16/1999
TSD Site Recv Date:	12/16/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	RID040098352
Trans2 EPA ID:	Not reported
TSDF ID:	PX3640
Waste Code:	F003 - UNKNOWN
Quantity:	00087
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00005
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00009
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

Document ID:	RIS0015744
Manifest Status:	Not reported
Trans1 State ID:	NYD082785429
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/07/1999
Trans1 Recv Date:	12/07/1999
Trans2 Recv Date:	12/16/1999
TSD Site Recv Date:	12/16/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	RID040098352
Trans2 EPA ID:	Not reported
TSDF ID:	PX3640
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00015
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	U122 - FORMALDEHYDE
Quantity:	00050
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	P054 - ETHYLENEIMINE
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D007 - CHROMIUM 5.0 MG/L TCLP
Quantity:	00038
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

Document ID:	RIS0015745
Manifest Status:	Not reported
Trans1 State ID:	NYD082785429
Trans2 State ID:	PAD982661381

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Generator Ship Date:	12/07/1999
Trans1 Recv Date:	12/07/1999
Trans2 Recv Date:	12/16/1999
TSD Site Recv Date:	12/16/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	RID040098352
Trans2 EPA ID:	Not reported
TSDF ID:	PX3640
Waste Code:	U044 - CHLOROFORM
Quantity:	00123
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

Document ID:	RIS0029809
Manifest Status:	Not reported
Trans1 State ID:	NYD082785429
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/14/1999
Trans1 Recv Date:	12/14/1999
Trans2 Recv Date:	12/16/1999
TSD Site Recv Date:	12/16/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	RID040098352
Trans2 EPA ID:	Not reported
TSDF ID:	PX3640
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

Document ID:	NYB7207542
Manifest Status:	Completed copy
Trans1 State ID:	PD9938
Trans2 State ID:	Not reported
Generator Ship Date:	960829
Trans1 Recv Date:	960829
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960829
Part A Recv Date:	Not reported
Part B Recv Date:	960916
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

TSDF ID: NYD082785429
Waste Code: F003 - UNKNOWN
Quantity: 00020
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 004
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NYB7438311
Manifest Status: Completed copy
Trans1 State ID: PD9938
Trans2 State ID: Not reported
Generator Ship Date: 960123
Trans1 Recv Date: 960123
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960124
Part A Recv Date: 960215
Part B Recv Date: 960202
Generator EPA ID: NYD068206440
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID: NYD082785429
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00040
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 095
Year: 96

Document ID: PAH0159915
Manifest Status: Not reported
Trans1 State ID: NJR000050617
Trans2 State ID: NJD054126164
Generator Ship Date: 02/11/2005
Trans1 Recv Date: 02/11/2005
Trans2 Recv Date: 02/16/2005
TSD Site Recv Date: 03/04/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD068206440
Trans1 EPA ID: PAAH08680
Trans2 EPA ID: PAAH0067
TSDF ID: PAD987367216
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00150
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: Not reported

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Document ID:	PAH0160096
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	09/16/2005
Trans1 Recv Date:	09/16/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/03/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	PAAH0067
Trans2 EPA ID:	Not reported
TSDF ID:	PAD987367216
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NYG0021357
Manifest Status:	Completed copy
Trans1 State ID:	14467AK
Trans2 State ID:	Not reported
Generator Ship Date:	970318
Trans1 Recv Date:	970318
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970318
Part A Recv Date:	970331
Part B Recv Date:	970327
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	F003 - UNKNOWN
Quantity:	00025
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAC300001617
Trans2 State ID:	NYD982792814
Generator Ship Date:	2007-09-19
Trans1 Recv Date:	2007-09-19
Trans2 Recv Date:	2007-09-21
TSD Site Recv Date:	2007-09-25
Part A Recv Date:	Not reported

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	IND000646943
Waste Code:	Not reported
Quantity:	18.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000165142JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAC300001617
Trans2 State ID:	NYD982792814
Generator Ship Date:	2007-09-19
Trans1 Recv Date:	2007-09-19
Trans2 Recv Date:	2007-09-21
TSD Site Recv Date:	2007-09-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	IND000646943
Waste Code:	Not reported
Quantity:	7.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000165142JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAC300001617
Trans2 State ID:	NYD982792814
Generator Ship Date:	2007-09-19
Trans1 Recv Date:	2007-09-19
Trans2 Recv Date:	2007-09-21
TSD Site Recv Date:	2007-09-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	IND000646943
Waste Code:	Not reported
Quantity:	450.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000165142JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAC300001617
Trans2 State ID:	Not reported
Generator Ship Date:	2007-09-19
Trans1 Recv Date:	2007-09-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-09-20
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	MAD047075734
Waste Code:	Not reported

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Quantity:	8.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000165140JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAC300001617
Trans2 State ID:	Not reported
Generator Ship Date:	2007-09-19
Trans1 Recv Date:	2007-09-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-09-20
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	MAD047075734
Waste Code:	Not reported
Quantity:	7.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000165140JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

ST CLARES HOSP & HEALTH CTR# (Continued) **1000173898**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAC300001617
Trans2 State ID:	Not reported
Generator Ship Date:	2007-09-19
Trans1 Recv Date:	2007-09-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-09-20
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068206440
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	MAD047075734
Waste Code:	Not reported
Quantity:	23.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000165144JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Click this hyperlink while viewing on your computer to access
24 additional NY_MANIFEST: record(s) in the EDR Site Report.

AO370 **EDR US Hist Auto Stat** **1015483969**
East **417 W 54TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.207 mi.
1095 ft. **Site 1 of 20 in cluster AO**

Relative:
Higher

Actual:
58 ft.

EDR Historical Auto Stations:

Name:	WESTSIDE AUTO BODY
Year:	1999
Address:	417 W 54TH ST
Name:	WESTSIDE AUTO BODY
Year:	2000
Address:	417 W 54TH ST
Name:	WESTSIDE AUTO BODY
Year:	2001
Address:	417 W 54TH ST
Name:	WESTSIDE AUTO BODY

(Continued) **1015483969**

Year: 2002
Address: 417 W 54TH ST

Name: WESTSIDE AUTO BODY
Year: 2003
Address: 417 W 54TH ST

Name: WEST SIDE AUTO BODY
Year: 2004
Address: 417 W 54TH ST

Name: WEST SIDE AUTOBODY
Year: 2005
Address: 417 W 54TH ST

Name: WESTSIDE AUTO BODY
Year: 2006
Address: 417 W 54TH ST

Name: WESTSIDE AUTOBODY
Year: 2007
Address: 417 W 54TH ST

Name: WESTSIDE AUTOBODY
Year: 2008
Address: 417 W 54TH ST

Name: WESTSIDE AUTOBODY
Year: 2009
Address: 417 W 54TH ST

Name: WESTSIDE AUTO BODY
Year: 2010
Address: 417 W 54TH ST

Name: WESTSIDE AUTO BODY
Year: 2011
Address: 417 W 54TH ST

Name: WEST SIDE AUTO BODY
Year: 2012
Address: 417 W 54TH ST

AL371 **CON ED - V 1243** **RCRA NonGen / NLR** **1007205391**
NNE **540 W 57 ST** **NY MANIFEST** **NYP000930503**
1/8-1/4 **NEW YORK, NY 10019**
0.208 mi.
1096 ft. **Site 13 of 23 in cluster AL**

Relative:
Higher

Actual:
23 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/28/1998
Facility name: CON ED - V 1243
Facility address: 540 W 57 ST
NEW YORK, NY 100190000
EPA ID: NYP000930503
Mailing address: CONSOLIDATED EDISON INC
4 IRVING PL RM 300
NEW YORK, NY 100030000

CON ED - V 1243 (Continued) **1007205391**

Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC
NEW YORK, NY 100030000
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/27/1998
Facility name: CON ED - V 1243
Classification: Not a generator, verified

Date form received by agency: 02/26/1998
Facility name: CON ED - V 1243
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP000930503
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYG0248832
Manifest Status: Completed copy
Trans1 State ID: 20855AD
Trans2 State ID: Not reported

CON ED - V 1243 (Continued) **1007205391**

Generator Ship Date:	970424
Trans1 Recv Date:	970424
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970424
Part A Recv Date:	970508
Part B Recv Date:	970506
Generator EPA ID:	NYP000930503
Trans1 EPA ID:	NYD006982359
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity:	01134
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Z372 **409 W 52 REALTY LLC** **NY AST** **A100157477**
SE **409 W 52ND ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.208 mi.
1099 ft. **Site 3 of 3 in cluster Z**

Relative:
Higher

Actual:
55 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-158550
Program Type:	PBS
UTM X:	585423.67945000005
UTM Y:	4513161.7688699998
Expiration Date:	2017/12/14

Affiliation Records:

Site Id:	5312
Affiliation Type:	Facility Owner
Company Name:	409 W. 52 REALTY LLC
Contact Type:	GENERAL MGR
Contact Name:	MARTIN BLUM
Address1:	145 HUGUENOT STREET, 5TH FLR C/O S.W.MGMT LLC
Address2:	Not reported
City:	NEW ROCHELLE
State:	NY
Zip Code:	10801
Country Code:	001
Phone:	(914) 637-6200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	10/12/2007

Site Id:	5312
Affiliation Type:	Mail Contact
Company Name:	409 W. 52 REALTY LLC C/O SW MGMT, LLC.
Contact Type:	Not reported
Contact Name:	409 W. 52 REATLY LLC

409 W 52 REALTY LLC (Continued) **A100157477**

Address1:	145 HUGENOT STREET, 5TH FLOOR
Address2:	Not reported
City:	NEW ROCHELLE
State:	NY
Zip Code:	10801
Country Code:	001
Phone:	(914) 637-6200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2/4/2013

Site Id:	5312
Affiliation Type:	On-Site Operator
Company Name:	409 W 52 REALTY LLC
Contact Type:	Not reported
Contact Name:	HECTOR BUENDIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 247-4012
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2/4/2013

Site Id:	5312
Affiliation Type:	Emergency Contact
Company Name:	409 W. 52 REALTY LLC
Contact Type:	Not reported
Contact Name:	BAUER BOILER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 299-1650
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	10/11/2007

Tank Info:

Tank Number:	001
Tank Id:	28331
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

409 W 52 REALTY LLC (Continued) **A100157477**

I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
E01 - Piping Secondary Containment - Diking (Aboveground)
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/03/1930
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	02/04/2013

AH373 **E & W REALTY LLC** **NY AST** **A100178154**
South **688 10TH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.208 mi.
1099 ft. **Site 3 of 10 in cluster AH**

Relative:
Higher

Actual:
37 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605914
Program Type:	PBS
UTM X:	585067.05186999997
UTM Y:	4513005.1206200002
Expiration Date:	2016/05/29

Affiliation Records:

Site Id:	27780
Affiliation Type:	Facility Owner
Company Name:	E & W REALTY LLC C/O ROSE WOLF
Contact Type:	MANGING AGENT
Contact Name:	E&W REALTY LLC - SHAUN LYONS
Address1:	67-27 INGRAM STREET
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 544-9733
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	3/15/2011

E & W REALTY LLC (Continued) **A100178154**

Site Id:	27780
Affiliation Type:	Mail Contact
Company Name:	E & W REALTY LLC
Contact Type:	Not reported
Contact Name:	ROSE WOLF
Address1:	C/O METRPOLITAN PROPERTY SERVICES
Address2:	141-50 85TH ROAD
City:	BRIARWOOD
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 658-1300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	3/15/2011

Site Id:	27780
Affiliation Type:	On-Site Operator
Company Name:	E & W REALTY LLC
Contact Type:	Not reported
Contact Name:	ALBERT SOTO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-1300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	3/15/2011

Site Id:	27780
Affiliation Type:	Emergency Contact
Company Name:	E & W REALTY LLC C/O ROSE WOLF
Contact Type:	Not reported
Contact Name:	ROSE WOLF
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 544-9733
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	3/15/2011

Tank Info:

Tank Number:	001
Tank Id:	60707
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

E & W REALTY LLC (Continued) **A100178154**

Equipment Records:

K00 - Spill Prevention - None
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1970
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	03/15/2011

AL374 **ESOTERIX GENETIC LABORATORIES LLC** **RCRA-LQG** **1001224129**
NE **521 W. 57TH STREET** **FINDS** **NYR000053454**
1/8-1/4 **MANHATTAN, NY 10019** **NJ MANIFEST**
0.209 mi.
1101 ft. **Site 14 of 23 in cluster AL**

Relative:
Higher

Actual:
51 ft.

RCRA-LQG:

Date form received by agency:	03/02/2012
Facility name:	ESOTERIX GENETIC LABORATORIES LLC
Facility address:	521 W 57TH ST 5TH FLOOR NEW YORK, NY 10019
EPA ID:	NYR000053454
Mailing address:	W 57TH ST 5TH FLOOR NEW YORK, NY 10019
Contact:	STUART D ROSENBERG
Contact address:	W 57TH ST 5TH FLOOR NEW YORK, NY 10019
Contact country:	US
Contact telephone:	(212) 314-8605
Contact email:	ROSENBS@LABCORP.COM
EPA Region:	02
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: IMPATH INC/CARTER ECKERT CEO
Owner/operator address: W 57TH ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/30/1997
Owner/Op end date: Not reported

Owner/operator name: GENZYME GENETICS
Owner/operator address: W 57TH ST - 6TH FLOOR
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 698-0329
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/01/2004
Owner/Op end date: Not reported

Owner/operator name: GENZYME GENETICS
Owner/operator address: KENDALL ST
CAMBRIDGE, MA 02142
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/01/2004
Owner/Op end date: Not reported

Owner/operator name: INTL FLAVORS & FRAGRANCES
Owner/operator address: 521 W 57TH ST
NEW YORK, NY 10019
Owner/operator country: Not reported
Owner/operator telephone: (212) 765-5500
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: MERINGOFF PROPERTIES
Owner/operator address: W 57TH ST 4TH FLOOR
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 957-4492
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/01/2004

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Owner/Op end date: Not reported

Owner/operator name: LABORATORY CORP OF AMERICA
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/01/2010
Owner/Op end date: Not reported

Owner/operator name: MERINGHOFF PROPERTIES MANAGEMENT
Owner/operator address: 521 WEST 57TH STREET
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/01/2004
Owner/Op end date: Not reported

Owner/operator name: GENZYME GENETICS
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/01/2004
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/14/2010
Facility name: ESOTERIX GENETIC LABORATORIES LLC
Classification: Large Quantity Generator

Date form received by agency: 03/08/2010
Facility name: ESOTERIX GENETIC LABORATORIES LLC

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Site name: GENZYME GENETICS
Classification: Large Quantity Generator

Date form received by agency: 03/03/2008
Facility name: ESOTERIX GENETIC LABORATORIES LLC
Site name: GENZYME GENETICS - MANHATTAN
Classification: Large Quantity Generator

Date form received by agency: 01/01/2007
Facility name: ESOTERIX GENETIC LABORATORIES LLC
Site name: GENZYME GENETICS
Classification: Large Quantity Generator

Date form received by agency: 02/17/2006
Facility name: ESOTERIX GENETIC LABORATORIES LLC
Site name: GENZYME GENETICS
Classification: Large Quantity Generator

Date form received by agency: 02/16/2006
Facility name: ESOTERIX GENETIC LABORATORIES LLC
Site name: GENZYME GENETICS
Classification: Large Quantity Generator

Date form received by agency: 05/24/2004
Facility name: ESOTERIX GENETIC LABORATORIES LLC
Site name: GENZYME GENETICS
Classification: Large Quantity Generator

Date form received by agency: 02/27/2004
Facility name: ESOTERIX GENETIC LABORATORIES LLC
Site name: IMPATH INC
Classification: Large Quantity Generator

Date form received by agency: 04/06/1998
Facility name: ESOTERIX GENETIC LABORATORIES LLC
Site name: IMPATH INC
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Waste code: D011
Waste name: SILVER

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U122
Waste name: FORMALDEHYDE

Waste code: U123
Waste name: FORMIC ACID (C,T)

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D009
Waste name: MERCURY

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U044
Waste name: CHLOROFORM

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 40297

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 13097

Waste code: D011
Waste name: SILVER
Amount (Lbs): 2597

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 40297

Waste code: U122
Waste name: FORMALDEHYDE
Amount (Lbs): 2597

Waste code: U123
Waste name: FORMIC ACID (C,T)
Amount (Lbs): 2597

Facility Has Received Notices of Violations:
Regulation violated: SR - 373-3.9(f)
Area of violation: Generators - General
Date violation determined: 05/27/2004
Date achieved compliance: 05/19/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/18/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 373-2(g)(4)
Area of violation: Generators - General
Date violation determined: 05/27/2004
Date achieved compliance: 09/20/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/18/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Regulation violated: SR - 373-3.4
Area of violation: Generators - General
Date violation determined: 05/27/2004
Date achieved compliance: 09/20/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/18/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(a)(2)
Area of violation: Generators - General
Date violation determined: 05/27/2004
Date achieved compliance: 09/20/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/18/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(a)(8)(i)(a)
Area of violation: Generators - General
Date violation determined: 05/27/2004
Date achieved compliance: 09/20/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/18/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 373-3.3(g)(1)
Area of violation: Generators - General
Date violation determined: 05/27/2004
Date achieved compliance: 09/20/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/18/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Evaluation Action Summary:

Evaluation date:	01/21/2010
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA

Evaluation date:	05/27/2004
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	09/20/2004
Evaluation lead agency:	State

Evaluation date:	05/27/2004
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	05/19/2006
Evaluation lead agency:	State

FINDS:

Registry ID: 110004542273

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

NJ MANIFEST:

Manifest Code:	000111584VES
EPA ID:	NYR000053454
Date Shipped:	08/10/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/10/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/10/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H14

Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	120
Unit:	P
Hand Code:	H14

Manifest Code:	000463126VES
EPA ID:	NYR000053454
Date Shipped:	04/09/2010
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/09/2010
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/09/2010
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H141

Manifest Code:	000463140VES
EPA ID:	NYR000053454
Date Shipped:	04/02/2010
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/02/2010
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/02/2010
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	1
Unit:	P
Hand Code:	H141
Waste Code:	U123
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	40
Unit:	P
Hand Code:	H141
Waste Code:	U122
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	40
Unit:	P
Hand Code:	H141
Waste Code:	D002
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	20
Unit:	P
Hand Code:	H141
Waste Code:	F003
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	400

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Unit:	P
Hand Code:	H141
Manifest Code:	000215087VES
EPA ID:	NYR000053454
Date Shipped:	03/05/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/05/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/05/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	400
Unit:	P

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Hand Code:	H141
Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	120
Unit:	P
Hand Code:	H141
Manifest Code:	000181095VES
EPA ID:	NYR000053454
Date Shipped:	10/17/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/17/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/17/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	160
Unit:	P
Hand Code:	H141

Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	800
Unit:	P
Hand Code:	H141

Manifest Code:	000161109VES
EPA ID:	NYR000053454
Date Shipped:	10/19/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/19/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/19/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	000161014VES
EPA ID:	NYR000053454
Date Shipped:	09/14/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/14/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/14/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H14

Waste Code:	F003
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	1050
Unit:	P
Hand Code:	H14

Manifest Code:	000462153VES
EPA ID:	NYR000053454
Date Shipped:	02/19/2010
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/19/2010
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/19/2010
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	U123
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	40
Unit:	P
Hand Code:	H141

Waste Code:	D002
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	1
Unit:	P
Hand Code:	H141

Waste Code:	D001
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	10
Unit:	P
Hand Code:	H141

Waste Code:	D002
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	25
Unit:	P
Hand Code:	H141

Waste Code:	F003
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H141

Manifest Code:	000209574VES
EPA ID:	NYR000053454
Date Shipped:	04/24/2009
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/24/2009
Date Trans2 Transported Waste:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/24/2009
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	800
Unit:	P
Hand Code:	H141

Waste Code:	F003
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H141

Manifest Code:	000225899VES
EPA ID:	NYR000053454
Date Shipped:	05/02/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/02/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/02/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H141

Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	160
Unit:	P
Hand Code:	H141

Manifest Code:	000111587VES
EPA ID:	NYR000053454
Date Shipped:	08/17/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/17/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/17/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	120
Unit:	P
Hand Code:	H14
Waste Code:	F003
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	600
Unit:	P
Hand Code:	H14

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Manifest Code:	000182865VES
EPA ID:	NYR000053454
Date Shipped:	08/29/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/29/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/29/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	120
Unit:	P
Hand Code:	H141
Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	400

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Unit:	P
Hand Code:	H141
Manifest Code:	000182266VES
EPA ID:	NYR000053454
Date Shipped:	09/05/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/05/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/05/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	160
Unit:	P

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Hand Code:	H141
Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	800
Unit:	P
Hand Code:	H141
Manifest Code:	000161026VES
EPA ID:	NYR000053454
Date Shipped:	09/21/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/21/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/21/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	800
Unit:	P
Hand Code:	H14

Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	200
Unit:	P
Hand Code:	H14

Manifest Code:	000180746VES
EPA ID:	NYR000053454
Date Shipped:	12/19/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/19/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/19/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H141

Waste Code:	F003
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	800
Unit:	P
Hand Code:	H141

Manifest Code:	000344181VES
EPA ID:	NYR000053454
Date Shipped:	04/30/2010
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/30/2010
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/30/2010
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	300
Unit:	P
Hand Code:	H141

Waste Code:	F003
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H141

Manifest Code:	000019349VES
EPA ID:	NYR000053454
Date Shipped:	03/23/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/23/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/23/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	800
Unit:	P
Hand Code:	H14

Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	160
Unit:	P
Hand Code:	H14

Manifest Code:	000401735VES
EPA ID:	NYR000053454
Date Shipped:	07/02/2010
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/02/2010
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/02/2010
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H141

Waste Code:	F003
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	800
Unit:	P
Hand Code:	H141

Waste Code:	F003
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	300
Unit:	P
Hand Code:	H141

Manifest Code:	000019395VES
EPA ID:	NYR000053454
Date Shipped:	04/27/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/27/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/27/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	800
Unit:	P
Hand Code:	H14

Manifest Code:	000019398VES
EPA ID:	NYR000053454
Date Shipped:	04/27/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/27/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported

ESOTERIX GENETIC LABORATORIES LLC (Continued) **1001224129**

Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/27/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	160
Unit:	P
Hand Code:	H14

AL375 **IMPATH LABS** **NY MANIFEST** **1009239802**
NE **521 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.209 mi.
1101 ft. **Site 15 of 23 in cluster AL**

Relative:
Higher

Actual:
51 ft.

NY MANIFEST:

EPA ID:	NYR000053454
Country:	USA
Mailing Name:	GENZYME GENETICS
Mailing Contact:	NELSON DUNSTON
Mailing Address:	521 WEST 57TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-698-0304

IMPATH LABS (Continued) **1009239802**

Document ID:	NYG1819485
Manifest Status:	Not reported
Trans1 State ID:	NYD986975282
Trans2 State ID:	Not reported
Generator Ship Date:	02/06/2002
Trans1 Recv Date:	02/06/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/26/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004065793
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	F003 - UNKNOWN
Quantity:	00025
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00035
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	007
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYE0672624
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/26/2000
Trans1 Recv Date:	10/26/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/27/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004065793
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	20854AD
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00900
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

Document ID:	Not reported
Manifest Status:	Not reported

IMPATH LABS (Continued) **1009239802**

Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-26
Trans1 Recv Date:	2011-08-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530515VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-26
Trans1 Recv Date:	2011-08-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	22.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530515VES

IMPATH LABS (Continued) **1009239802**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-26
Trans1 Recv Date:	2011-08-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	22.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530515VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-16
Trans1 Recv Date:	2011-09-16
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-19

IMPATH LABS (Continued) **1009239802**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	28.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530522VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-16
Trans1 Recv Date:	2011-09-16
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-19
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530522VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

IMPATH LABS (Continued) **1009239802**

Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-16
Trans1 Recv Date:	2011-09-16
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-19
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	22.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530522VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-23
Trans1 Recv Date:	2011-09-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593

IMPATH LABS (Continued) **1009239802**

Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530524VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-23
Trans1 Recv Date:	2011-09-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530524VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

IMPATH LABS (Continued) **1009239802**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-23
Trans1 Recv Date:	2011-09-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530524VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-23
Trans1 Recv Date:	2011-09-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	27.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0

IMPATH LABS (Continued) **1009239802**

Year:	2011
Manifest Tracking Num:	000530524VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-09
Trans1 Recv Date:	2011-09-09
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530537VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-09
Trans1 Recv Date:	2011-09-09

IMPATH LABS (Continued) **1009239802**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	24.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530537VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-02
Trans1 Recv Date:	2011-09-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530542VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

IMPATH LABS (Continued) **1009239802**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-02
Trans1 Recv Date:	2011-09-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	800.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530542VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-12
Trans1 Recv Date:	2011-08-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported

IMPATH LABS (Continued) **1009239802**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	30.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530548VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-12
Trans1 Recv Date:	2011-08-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	30.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530548VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

IMPATH LABS (Continued) **1009239802**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 2011-08-12
Trans1 Recv Date: 2011-08-12
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-08-18
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000053454
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 400.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 000530548VES
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 2011-08-12
Trans1 Recv Date: 2011-08-12
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-08-18
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000053454
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 400.0
Units: P - Pounds
Number of Containers: 1.0

IMPATH LABS (Continued) **1009239802**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530548VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Click this hyperlink while viewing on your computer to access
363 additional NY_MANIFEST: record(s) in the EDR Site Report.

EPA ID:	NYP004065793
Country:	USA
Mailing Name:	IMPATH LABS
Mailing Contact:	RENE SERRETTE
Mailing Address:	521 W 57TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-698-0300

Document ID:	NYG1819485
Manifest Status:	Not reported
Trans1 State ID:	NYD986975282
Trans2 State ID:	Not reported
Generator Ship Date:	02/06/2002
Trans1 Recv Date:	02/06/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/26/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004065793
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	F003 - UNKNOWN
Quantity:	00025
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00035

IMPATH LABS (Continued) **1009239802**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	007
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYE0672624
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/26/2000
Trans1 Recv Date:	10/26/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/27/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004065793
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	20854AD
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00900
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-26
Trans1 Recv Date:	2011-08-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530515VES
Import Ind:	N
Export Ind:	N

IMPATH LABS (Continued) **1009239802**

Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-26
Trans1 Recv Date:	2011-08-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	22.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530515VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-26
Trans1 Recv Date:	2011-08-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported

IMPATH LABS (Continued) **1009239802**

Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	22.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530515VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-16
Trans1 Recv Date:	2011-09-16
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-19
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	28.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530522VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported

IMPATH LABS (Continued) **1009239802**

Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-16
Trans1 Recv Date:	2011-09-16
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-19
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530522VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-16
Trans1 Recv Date:	2011-09-16
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-19
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	22.0

IMPATH LABS (Continued) **1009239802**

Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530522VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-23
Trans1 Recv Date:	2011-09-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530524VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported

IMPATH LABS (Continued) **1009239802**

Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-23
Trans1 Recv Date:	2011-09-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530524VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-23
Trans1 Recv Date:	2011-09-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011

IMPATH LABS (Continued) **1009239802**

Manifest Tracking Num:	000530524VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-23
Trans1 Recv Date:	2011-09-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	27.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530524VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-09
Trans1 Recv Date:	2011-09-09
Trans2 Recv Date:	Not reported

IMPATH LABS (Continued) **1009239802**

TSD Site Recv Date:	2011-09-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530537VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-09
Trans1 Recv Date:	2011-09-09
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	24.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530537VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N

IMPATH LABS (Continued) **1009239802**

Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-02
Trans1 Recv Date:	2011-09-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530542VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-09-02
Trans1 Recv Date:	2011-09-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-09-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

IMPATH LABS (Continued) **1009239802**

TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	800.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530542VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-12
Trans1 Recv Date:	2011-08-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	30.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530548VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

IMPATH LABS (Continued) **1009239802**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-12
Trans1 Recv Date:	2011-08-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	30.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530548VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-12
Trans1 Recv Date:	2011-08-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0

IMPATH LABS (Continued) **1009239802**

Year:	2011
Manifest Tracking Num:	000530548VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-12
Trans1 Recv Date:	2011-08-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000053454
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000530548VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Click this hyperlink while viewing on your computer to access
363 additional NY_MANIFEST: record(s) in the EDR Site Report.

AL376 **521 WEST 57TH STREET** **NY AST** **A100349533**
NE **521 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.209 mi.
1101 ft. **Site 16 of 23 in cluster AL**

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-611287
Program Type:	PBS
UTM X:	585294.06103999994
UTM Y:	4513662.0930000003
Expiration Date:	N/A

Affiliation Records:

Site Id:	426088
Affiliation Type:	Facility Owner
Company Name:	521-533 WEST 57TH STREET ASSOCIATES, LLC
Contact Type:	AUTHORIZED SIGNATORY OF LLC
Contact Name:	SAL DEROSA
Address1:	30 WEST 26TH STREET, 8TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10010
Country Code:	001
Phone:	(212) 645-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	3/31/2010

Site Id:	426088
Affiliation Type:	Mail Contact
Company Name:	MERINGOFF PROPERTIES, INC.
Contact Type:	Not reported
Contact Name:	SAL DEROSA
Address1:	30 WEST 26TH STREET
Address2:	8TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10010
Country Code:	001
Phone:	(212) 645-7575
EMail:	SDEROSA@MERPROP.COM
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	3/31/2010

Site Id:	426088
Affiliation Type:	On-Site Operator
Company Name:	521 WEST 37TH STREET
Contact Type:	Not reported
Contact Name:	CAROLYN BATEMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

521 WEST 57TH STREET (Continued) **A100349533**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 957-4492
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/16/2010

Site Id:	426088
Affiliation Type:	Emergency Contact
Company Name:	521-533 WEST 57TH STREET ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	CAROLYN BATEMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 852-3690
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/16/2010

Tank Info:

Tank Number:	001
Tank Id:	233376
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L99 - Piping Leak Detection - Other
I00 - Overfill - None

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/01/1962
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/22/2010
Register:	True

521 WEST 57TH STREET (Continued) **A100349533**

Modified By: CGFREEDM
Last Modified: 03/31/2010

Tank Number: 002
Tank Id: 233377
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:
G00 - Tank Secondary Containment - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L99 - Piping Leak Detection - Other
I00 - Overfill - None
Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 10/01/1962
Capacity Gallons: 1080
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 02/22/2010
Register: True
Modified By: CGFREEDM
Last Modified: 03/31/2010

Tank Number: 003
Tank Id: 233378
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
L99 - Piping Leak Detection - Other
I00 - Overfill - None
Tank Location: 2

521 WEST 57TH STREET (Continued) **A100349533**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	10/01/1962
Capacity Gallons:	13000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/25/2010
Register:	True
Modified By:	CGFREEDM
Last Modified:	03/31/2010

Tank Number:	004
Tank Id:	233379
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L99 - Piping Leak Detection - Other
I00 - Overfill - None

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	10/01/1962
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/25/2010
Register:	True
Modified By:	CGFREEDM
Last Modified:	03/31/2010

AL377 **INTERNATIONAL FLAVORS & FRAGRANCES INC** **RCRA NonGen / NLR** **1006810640**
NE **521 W 57TH ST 8TH FL** **FINDS** **NYR000114629**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.209 mi.
1101 ft. **Site 17 of 23 in cluster AL**

Relative:
Higher

Actual:
51 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	INTERNATIONAL FLAVORS & FRAGRANCES INC
Facility address:	521 W 57TH ST 8TH FL
	NEW YORK, NY 100192960

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

EPA ID: NYR000114629
Mailing address: W 57TH ST 8TH FL
NEW YORK, NY 100192960
Contact: MICHAEL LAURO
Contact address: W 57TH ST 8TH FL
NEW YORK, NY 100192960
Contact country: US
Contact telephone: (212) 765-5500
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: IFF INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/05/1964
Owner/Op end date: Not reported

Owner/operator name: IFF INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/05/1964
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: INTERNATIONAL FLAVORS & FRAGRANCES INC
Classification: Conditionally Exempt Small Quantity Generator

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Date form received by agency: 03/25/2003
Facility name: INTERNATIONAL FLAVORS & FRAGRANCES INC
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 08/13/2008
Date achieved compliance: 10/01/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/21/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 10/02/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/13/2008
Date achieved compliance: 10/01/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/21/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 10/02/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/13/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 10/01/2008
Evaluation lead agency: State

Evaluation date: 08/13/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/01/2008
Evaluation lead agency: State

Evaluation date: 05/12/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110014447839

Environmental Interest/Information System

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYR000114629
Country:	USA
Mailing Name:	INTERNATIONAL FLAVORS AND FRAGRANCES INC
Mailing Contact:	MICHALE LAURO
Mailing Address:	521 W 57 STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-708-7126

Document ID:	NYG3462534
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	05/06/2003
Trans1 Recv Date:	05/06/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/19/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	OHD980613541
Trans2 EPA ID:	Not reported
TSDF ID:	C3708BE
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00150
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	02200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	044
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2003

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986507380

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Trans2 State ID:	Not reported
Generator Ship Date:	8/9/2007
Trans1 Recv Date:	8/9/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	8/20/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	900
Units:	P - Pounds
Number of Containers:	3
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000392589JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986507380
Trans2 State ID:	Not reported
Generator Ship Date:	2008-02-20
Trans1 Recv Date:	2008-02-20
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-03-10
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003144921JJK
Import Ind:	N

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	Not reported
Generator Ship Date:	2008-11-05
Trans1 Recv Date:	2008-11-05
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-11-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	600.0
Units:	P - Pounds
Number of Containers:	3.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	004794502JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986507380
Trans2 State ID:	Not reported
Generator Ship Date:	2008-02-20
Trans1 Recv Date:	2008-02-20
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-03-10
Part A Recv Date:	Not reported

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003144921JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	NJR000063677
Generator Ship Date:	2009-01-14
Trans1 Recv Date:	2009-01-14
Trans2 Recv Date:	2009-01-14
TSD Site Recv Date:	2009-01-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD067098822
Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	004794739JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD985607380
Trans2 State ID:	NJR000063677
Generator Ship Date:	2009-07-22
Trans1 Recv Date:	2009-07-22
Trans2 Recv Date:	2009-07-22
TSD Site Recv Date:	2009-08-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	1200.0
Units:	P - Pounds
Number of Containers:	4.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005294070JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	NJR000063677
Generator Ship Date:	2009-05-14
Trans1 Recv Date:	2009-05-14
Trans2 Recv Date:	2009-05-14
TSD Site Recv Date:	2009-05-22
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Quantity:	150.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005294105JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	NJR000063677
Generator Ship Date:	2009-01-14
Trans1 Recv Date:	2009-01-14
Trans2 Recv Date:	2009-01-14
TSD Site Recv Date:	2009-01-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD067098822
Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	004794739JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	NJR000063677
Generator Ship Date:	2009-01-14
Trans1 Recv Date:	2009-01-14
Trans2 Recv Date:	2009-01-14
TSD Site Recv Date:	2009-01-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD067098822
Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	004794739JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	NJR000063677
Generator Ship Date:	2009-05-14
Trans1 Recv Date:	2009-05-14
Trans2 Recv Date:	2009-05-14
TSD Site Recv Date:	2009-05-22
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	150.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Year:	2009
Manifest Tracking Num:	005294105JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	Not reported
Generator Ship Date:	2010-11-17
Trans1 Recv Date:	2010-11-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-11-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	40.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	006531505JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000063677
Trans2 State ID:	NJD986607380
Generator Ship Date:	2010-03-17
Trans1 Recv Date:	2010-03-17

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Trans2 Recv Date:	2010-03-18
TSD Site Recv Date:	2010-04-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	200.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	006531512JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000063677
Trans2 State ID:	NJD986607380
Generator Ship Date:	2010-05-19
Trans1 Recv Date:	2010-05-19
Trans2 Recv Date:	2010-05-19
TSD Site Recv Date:	2010-05-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	40.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	006531629JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000063677
Trans2 State ID:	NJD986607380
Generator Ship Date:	2010-09-01
Trans1 Recv Date:	2010-09-01
Trans2 Recv Date:	2010-09-03
TSD Site Recv Date:	2010-09-17
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	200.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	006531630JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	NJR000063677
Generator Ship Date:	2012-10-04
Trans1 Recv Date:	2012-10-04
Trans2 Recv Date:	2012-10-09
TSD Site Recv Date:	2012-10-15
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	40.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010114177JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	Not reported
Generator Ship Date:	2012-05-17
Trans1 Recv Date:	2012-05-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-06-13
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	SCD036275626
Waste Code:	Not reported
Quantity:	40.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	006531635JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD986507380
Trans2 State ID: Not reported
Generator Ship Date: 2007-08-09
Trans1 Recv Date: 2007-08-09
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2007-08-20
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000114629
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: SCD036275626
Waste Code: Not reported
Quantity: 900.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2007
Manifest Tracking Num: 000392589JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD986507380
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-20
Trans1 Recv Date: 2008-02-20
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-03-10
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000114629
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: SCD036275626
Waste Code: Not reported
Quantity: 400.0
Units: P - Pounds
Number of Containers: 2.0

INTERNATIONAL FLAVORS & FRAGRANCES INC (Continued) **1006810640**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003144921JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	NJR000063677
Generator Ship Date:	2009-01-14
Trans1 Recv Date:	2009-01-14
Trans2 Recv Date:	2009-01-14
TSD Site Recv Date:	2009-01-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD067098822
Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	004794739JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Click this hyperlink while viewing on your computer to access
4 additional NY_MANIFEST: record(s) in the EDR Site Report.

AH378 **504 WEST 48TH STREET HDFC** **NY AST** **A100350444**
SSW **504 WEST 48TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.209 mi.
1105 ft. **Site 4 of 10 in cluster AH**

Relative:
Higher

Actual:
27 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-611309
Program Type:	PBS
UTM X:	584990.30417999998
UTM Y:	4512992.1185299996
Expiration Date:	2016/12/27

Affiliation Records:

Site Id:	431670
Affiliation Type:	Facility Owner
Company Name:	504 WEST 48TH STREET HDFC
Contact Type:	MEMBER
Contact Name:	PAT W. HOOPER
Address1:	504 WEST 48TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 541-8142
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/13/2010

Site Id:	431670
Affiliation Type:	Mail Contact
Company Name:	504 WEST 48TH STREET HDFC
Contact Type:	MEMBER
Contact Name:	PAT W. HOOPER
Address1:	504 WEST 48TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 541-8142
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/13/2010

Site Id:	431670
Affiliation Type:	On-Site Operator
Company Name:	504 WEST 48TH STREET HDFC
Contact Type:	Not reported
Contact Name:	PAT HOOPER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

504 WEST 48TH STREET HDFC (Continued) **A100350444**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 541-8142
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/13/2010

Site Id:	431670
Affiliation Type:	Emergency Contact
Company Name:	504 WEST 48TH STREET HDFC
Contact Type:	Not reported
Contact Name:	ELIZABETH MOSS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 541-8142
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/13/2010

Tank Info:

Tank Number:	0001
Tank Id:	233821
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I05 - Overfill - Vent Whistle
J00 - Dispenser - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/18/1982
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

504 WEST 48TH STREET HDFC (Continued) **A100350444**

Modified By: MSBAPTIS
Last Modified: 12/27/2011

AL379 **BMW-DEALERSHIP / COMMERCIAL BUILDING** **NY HIST UST** **U003074904**
NNE **555 WEST 57TH STREET** **NY AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019** **NY HIST AST**
0.209 mi.
1105 ft. **Site 18 of 23 in cluster AL**

Relative:
Higher

Actual:
25 ft.

HIST UST:

PBS Number:	2-475777
SPDES Number:	Not reported
Emergency Contact:	JOE LIONETTI
Emergency Telephone:	(212) 541-9323
Operator:	JOHN CAVALIERE
Operator Telephone:	(212) 541-9211
Owner Name:	555 WEST 57TH STREET LLC
Owner Address:	605 THIRD AVENUE 26TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10016
Owner Telephone:	(212) 655-0220
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	VICTOR CAPITAL GROUP, LP
Mailing Address:	605 THIRD AVENUE
Mailing Address 2:	26TH FLOOR
Mailing City,St,Zip:	NEW YORK, NY 10016
Mailing Contact:	NICHOLAS BIENSTOCK
Mailing Telephone:	(212) 655-0220
Owner Mark:	Third Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	555 WEST 57TH STREET
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER RETAIL SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1998
Expiration Date:	10/15/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	6525
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19700301
Capacity (gals):	550
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	58
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	11/01/1990
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-611108
Program Type:	PBS
UTM X:	585196.02101000003
UTM Y:	4513714.6616799999
Expiration Date:	N/A

Affiliation Records:

Site Id:	415020
Affiliation Type:	Facility Owner
Company Name:	SL GREEN REALTY CORP.
Contact Type:	PROPERTY MANEGER
Contact Name:	JUNET BURNS
Address1:	555 WEST 57TH STREET
Address2:	Not reported
City:	MEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 541-9211
EMail:	JUNET.BURNS@SLGREEN.COM
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	6/12/2009

Site Id:	415020
Affiliation Type:	Mail Contact
Company Name:	SL GREEN REALTY CORP.
Contact Type:	PROPERTY MANEGER

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Contact Name:	JUNET BURNS
Address1:	555 WEST 57TH STREET
Address2:	Not reported
City:	MEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 541-9211
EMail:	JUNET.BURNS@SLGREEN.COM
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	6/12/2009

Site Id:	415020
Affiliation Type:	On-Site Operator
Company Name:	555 WEST 57TH STREET
Contact Type:	Not reported
Contact Name:	MIKE CHRISTIANI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 541-9211
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	6/12/2009

Site Id:	415020
Affiliation Type:	Emergency Contact
Company Name:	SL GREEN REALTY CORP.
Contact Type:	Not reported
Contact Name:	JANET BURNS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 541-9211
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	6/12/2009

Tank Info:

Tank Number:	001-BMW
Tank Id:	37938
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 06/22/2009

Tank Number: 002-BMW
Tank Id: 55234
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 06/22/2009

Tank Number: 003-BMW
Tank Id: 55235
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 06/22/2009

Tank Number: 004-BMW
Tank Id: 55236
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 06/22/2009

Tank Number: 005
Tank Id: 55237
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 005
Tank Id: 228908
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

G01 - Tank Secondary Containment - Diking (Aboveground)
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 03/01/1972
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 006-BMW
Tank Id: 55238
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 01/15/1998
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/12/2009
Register: True
Modified By: NRLOMBAR
Last Modified: 07/30/2009

Tank Number: 007
Tank Id: 55239
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	03/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

Tank Number:	007
Tank Id:	228904
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	03/01/1972
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/15/2009
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Tank Number: 008
Tank Id: 228906
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 03/01/1972
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/15/2009
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 008
Tank Id: 55240
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 009
Tank Id: 55241
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 009
Tank Id: 228905
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location: 1

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 03/01/1972
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/15/2009
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 010
Tank Id: 228907
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1972
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 102
Tank Id: 37939
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	10/01/1989
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

Tank Number:	102
Tank Id:	228909
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	10/01/1989
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

Affiliation Records:

Site Id:	21033
Affiliation Type:	Mail Contact
Company Name:	BMW OF MANHATTAN
Contact Type:	Not reported
Contact Name:	THOMAS BRENNAN
Address1:	555 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

State:	NY
Zip Code:	10019-2925
Country Code:	001
Phone:	(212) 314-9709
EMail:	TBRENNAN@BMWNYC.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	6/22/2009

Site Id:	21033
Affiliation Type:	On-Site Operator
Company Name:	BMW OF MANHATTAN
Contact Type:	Not reported
Contact Name:	HUGO HERNANDEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 586-2269
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/30/2009

Site Id:	21033
Affiliation Type:	Emergency Contact
Company Name:	BMW OF MANHATTAN
Contact Type:	Not reported
Contact Name:	THOMAS BRENNAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 314-9709
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/30/2009

Site Id:	21033
Affiliation Type:	Facility Owner
Company Name:	BMW OF MANHATTAN
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	655 W. 57TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019-2925
Country Code:	001
Phone:	(212) 314-9709
EMail:	Not reported
Fax Number:	Not reported

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Modified By: NRLOMBAR
Date Last Modified: 7/30/2009

Tank Info:

Tank Number: 001-BMW
Tank Id: 37938
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 06/22/2009

Tank Number: 002-BMW
Tank Id: 55234
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/1970
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	06/22/2009

Tank Number:	003-BMW
Tank Id:	55235
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/1970
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	06/22/2009

Tank Number:	004-BMW
Tank Id:	55236
Material Code:	0022

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 06/22/2009

Tank Number: 005
Tank Id: 55237
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Date Tank Closed: Not reported
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 005
Tank Id: 228908
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G01 - Tank Secondary Containment - Diking (Aboveground)
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 03/01/1972
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 006-BMW
Tank Id: 55238
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 01/15/1998
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Next Test Date: Not reported
Date Tank Closed: 05/12/2009
Register: True
Modified By: NRLOMBAR
Last Modified: 07/30/2009

Tank Number: 007
Tank Id: 55239
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 03/01/1970
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 007
Tank Id: 228904
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location: 1

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Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	03/01/1972
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/15/2009
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

Tank Number:	008
Tank Id:	228906
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	03/01/1972
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/15/2009
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

Tank Number:	008
Tank Id:	55240
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	03/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

Tank Number:	009
Tank Id:	55241
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	03/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

Tank Number:	009
Tank Id:	228905
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	03/01/1972
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/15/2009
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

Tank Number:	010
Tank Id:	228907
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/1972
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 102
Tank Id: 37939
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:
H05 - Tank Leak Detection - In-Tank System (ATG)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 10/01/1989
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JMKRIMGO
Last Modified: 06/12/2009

Tank Number: 102
Tank Id: 228909
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 10/01/1989
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Date Tank Closed:	Not reported
Register:	True
Modified By:	JMKRIMGO
Last Modified:	06/12/2009

HIST AST:

PBS Number:	2-475777
SWIS Code:	6201
Operator:	JOHN CAVALIERE
Facility Phone:	(212) 541-9211
Facility Addr2:	555 WEST 57TH STREET
Facility Type:	OTHER RETAIL SALES
Emergency:	JOE LIONETTI
Emergency Tel:	(212) 541-9323
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	555 WEST 57TH STREET LLC
Owner Address:	605 THIRD AVENUE 26TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10016
Federal ID:	Not reported
Owner Tel:	(212) 655-0220
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	NICHOLAS BIENSTOCK
Mailing Name:	VICTOR CAPITAL GROUP, LP
Mailing Address:	605 THIRD AVENUE
Mailing Address 2:	26TH FLOOR
Mailing City,St,Zip:	NEW YORK, NY 10016
Mailing Telephone:	(212) 655-0220
Owner Mark:	Third Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/29/1998
Expiration:	10/15/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	6525
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19700301
Capacity (Gal):	550

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	58
Leak Detection:	00
Overfill Protection:	40
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	003
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19700301
Capacity (Gal):	550
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	58
Leak Detection:	00
Overfill Protection:	40
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	004
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19700301
Capacity (Gal):	550
Product Stored:	USED OIL

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	58
Leak Detection:	00
Overfill Protection:	40
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	005
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19700301
Capacity (Gal):	500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	28
Leak Detection:	00
Overfill Protection:	40
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	006
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19700301
Capacity (Gal):	1000
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Tank Internal: 0
Tank External: 00
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 00
Tank Containment: 28
Leak Detection: 00
Overfill Protection: 40
Dispenser Method: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 007
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19700301
Capacity (Gal): 275
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 00
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 00
Tank Containment: 50
Leak Detection: 00
Overfill Protection: 40
Dispenser Method: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 008
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19700301
Capacity (Gal): 275
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Tank Internal: 0

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Tank External:	00
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	50
Leak Detection:	00
Overfill Protection:	40
Dispenser Method:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	009
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19700301
Capacity (Gal):	275
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	50
Leak Detection:	00
Overfill Protection:	40
Dispenser Method:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	102
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19891001
Capacity (Gal):	2000
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00

BMW-DEALERSHIP / COMMERCIAL BUILDING (Continued) **U003074904**

Pipe Location:	None
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Vault (w/access)
Leak Detection:	04
Overfill Protection:	04
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AL380 **MOBIL** **NJ MANIFEST** **S112010336**
NNE **555 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10007**
0.209 mi.
1105 ft. **Site 19 of 23 in cluster AL**

Relative:
Higher

Actual:
25 ft.

AL381 **NEW PENN MOTOR EXPRESS** **RCRA NonGen / NLR** **1001485630**
NNE **555 W 57TH ST - BAY AREA** **FINDS** **NYR000070482**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.209 mi.
1105 ft. **Site 20 of 23 in cluster AL**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	NEW PENN MOTOR EXPRESS
Facility address:	555 W 57TH ST - BAY AREA NEW YORK, NY 10019
EPA ID:	NYR000070482
Mailing address:	PO BOX 630 - 625 S 5TH AVE LEBANON, NY 17042
Contact:	JOE BROPHY
Contact address:	PO BOX 630 - 625 S 5TH AVE LEBANON, NY 17042
Contact country:	US
Contact telephone:	(717) 274-2521
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BMW OF MANHATTAN
Owner/operator address:	555 W 57TH ST NEW YORK, NY 10019
Owner/operator country:	US

NEW PENN MOTOR EXPRESS (Continued) **1001485630**

Owner/operator telephone: (212) 586-2269
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BMW OF MANHATTAN
Owner/operator address: 555 W 57TH ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: (212) 586-2269
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NEW PENN MOTOR EXPRESS
Classification: Not a generator, verified

Date form received by agency: 04/26/1999
Facility name: NEW PENN MOTOR EXPRESS
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004552617

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NEW PENN MOTOR EXPRESS (Continued) **1001485630**

NY MANIFEST:

EPA ID:	NYR000070482
Country:	USA
Mailing Name:	NEW PENN MOTOR EXPRESS
Mailing Contact:	OJ MATTHEWS
Mailing Address:	PO BOX 630- 625 SOUTH FIFTH AV
Mailing Address 2:	Not reported
Mailing City:	LEBANON
Mailing State:	PA
Mailing Zip:	17042
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	717-274-2521

Document ID:	NYG0947088
Manifest Status:	Not reported
Trans1 State ID:	NJR000011528
Trans2 State ID:	Not reported
Generator Ship Date:	09/07/1999
Trans1 Recv Date:	09/07/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/08/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000070482
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	DE018
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00900
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	99

EPA ID:	NYD001709310
Country:	USA
Mailing Name:	MANHATTAN FORD LINCOLN MERCURY
Mailing Contact:	MANHATTAN FORD LINCOLN MERCURY
Mailing Address:	555 WEST 57TH ST-4TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-581-7800

Document ID:	NYG0947088
Manifest Status:	Not reported
Trans1 State ID:	NJR000011528
Trans2 State ID:	Not reported
Generator Ship Date:	09/07/1999

NEW PENN MOTOR EXPRESS (Continued) **1001485630**

Trans1 Recv Date:	09/07/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/08/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000070482
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	DE018
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00900
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	99

AL382 **GREEN WEST 57TH ST LLC** **RCRA-CESQG** **1007112587**
NNE **W 57TH ST** **NY MANIFEST** **NYR000118687**
1/8-1/4 **NEW YORK, NY 10019**
0.209 mi.
1105 ft. **Site 21 of 23 in cluster AL**

Relative:
Higher

Actual:
25 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	GREEN WEST 57TH ST LLC
Facility address:	W 57TH ST NEW YORK, NY 10019
EPA ID:	NYR000118687
Contact:	MICHAEL T CHRISTIANI
Contact address:	W 57TH ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	(212) 541-9323
Contact email:	MIKE.CHRISTIANI@SCGREEN.COM
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	GREEN WEST 57 STREET LLC
Owner/operator address:	W 57TH ST SUITE 1324 NEW YORK, NY 10019

GREEN WEST 57TH ST LLC (Continued) **1007112587**

Owner/operator country: US
Owner/operator telephone: (212) 541-9211
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

Owner/operator name: GREEN WEST 57 ST LLC
Owner/operator address: W 57TH ST
NEW YORK, NY 10019
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: GREEN WEST 57TH ST LLC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/26/2004
Facility name: GREEN WEST 57TH ST LLC
Classification: Not a generator, verified

Date form received by agency: 10/06/2003
Facility name: GREEN WEST 57TH ST LLC
Site name: GREEN WEST 57 STREET LLC
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000118687
Country: USA
Mailing Name: GREEN WEST 57TH ST LLC
Mailing Contact: N/S
Mailing Address: 555 W 57TH ST
Mailing Address 2: Not reported

GREEN WEST 57TH ST LLC (Continued) **1007112587**

Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-541-9211

Document ID:	NYG3539484
Manifest Status:	Not reported
Trans1 State ID:	NYR000065169
Trans2 State ID:	Not reported
Generator Ship Date:	11/25/2003
Trans1 Recv Date:	11/25/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/25/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000118687
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00450
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	02300
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2003

Document ID:	NYG2710323
Manifest Status:	Not reported
Trans1 State ID:	NYR000065169
Trans2 State ID:	Not reported
Generator Ship Date:	11/25/2003
Trans1 Recv Date:	11/25/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/25/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000118687
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00850
Units:	P - Pounds
Number of Containers:	002

GREEN WEST 57TH ST LLC (Continued) **1007112587**

Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2003

EPA ID: NYD986935237
Country: USA
Mailing Name: US DRUG ENFORCEMENT AGENCY
Mailing Contact: RHESA G GILLILAND
Mailing Address: 555 WEST 57TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-399-5137

Document ID: NYG3539484
Manifest Status: Not reported
Trans1 State ID: NYR000065169
Trans2 State ID: Not reported
Generator Ship Date: 11/25/2003
Trans1 Recv Date: 11/25/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/25/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000118687
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: Not reported
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00450
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 02300
Units: P - Pounds
Number of Containers: 005
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2003

Document ID: NYG2710323
Manifest Status: Not reported
Trans1 State ID: NYR000065169
Trans2 State ID: Not reported
Generator Ship Date: 11/25/2003
Trans1 Recv Date: 11/25/2003
Trans2 Recv Date: Not reported

GREEN WEST 57TH ST LLC (Continued) **1007112587**

TSD Site Recv Date:	11/25/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000118687
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00850
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2003

AL383 **MANHATTAN FORD L-M INC** **RCRA NonGen / NLR** **1000239972**
NNE **555 W 57TH ST** **FINDS** **NYD001709310**
1/8-1/4 **NEW YORK, NY 10019**
0.209 mi.
1105 ft. **Site 22 of 23 in cluster AL**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MANHATTAN FORD L-M INC
Facility address:	555 W 57TH ST NEW YORK, NY 100192925
EPA ID:	NYD001709310
Mailing address:	W 57TH ST NEW YORK, NY 100192925
Contact:	STEVEN CZERNIUK
Contact address:	W 57TH ST NEW YORK, NY 100192925
Contact country:	US
Contact telephone:	(212) 581-7800
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FORD MOTOR CO
Owner/operator address:	THE AMERICAN RD DEARBORN, MI 14821
Owner/operator country:	US
Owner/operator telephone:	(313) 322-3000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	FORD MOTOR CO
Owner/operator address:	THE AMERICAN RD DEARBORN, MI 14821
Owner/operator country:	US
Owner/operator telephone:	(313) 322-3000

MANHATTAN FORD L-M INC (Continued) **1000239972**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MANHATTAN FORD L-M INC
Classification: Not a generator, verified

Date form received by agency: 03/26/1998
Facility name: MANHATTAN FORD L-M INC
Site name: MANHATTAN FORD LINCOLN MERCURY
Classification: Large Quantity Generator

Date form received by agency: 01/18/1995
Facility name: MANHATTAN FORD L-M INC
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 10/07/1996
Date achieved compliance: 11/01/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/07/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 01/01/1996
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting

MANHATTAN FORD L-M INC (Continued) **1000239972**

Date achieved compliance: 11/01/1996
Evaluation lead agency: State

FINDS:

Registry ID: 110002349511

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AL384 **USDOJ DEA NORTHEAST LABORATORY** **RCRA NonGen / NLR** **1000458164**
NNE **555 W 57TH ST STE 1886** **FINDS** **NYD986935237**
1/8-1/4 **NEW YORK, NY 10019**
0.209 mi.
1105 ft. **Site 23 of 23 in cluster AL**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: USDOJ DEA NORTHEAST LABORATORY
Facility address: 555 W 57TH ST STE 1886
NEW YORK, NY 10019
EPA ID: NYD986935237
Mailing address: W 57TH ST STE 1886
NEW YORK, NY 10019
Contact: Not reported
Contact address: W 57TH ST STE 1886
NEW YORK, NY 10019
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GENERAL SERVICES ADMIN
Owner/operator address: 201 VARICK ST
NEW YORK, NY 10014
Owner/operator country: US
Owner/operator telephone: (212) 337-2693
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GENERAL SERVICES ADMIN
Owner/operator address: 201 VARICK ST
NEW YORK, NY 10014
Owner/operator country: US
Owner/operator telephone: (212) 337-2693
Legal status: Private
Owner/Operator Type: Owner

USDOJ DEA NORTHEAST LABORATORY (Continued) **1000458164**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: USDOJ DEA NORTHEAST LABORATORY
Classification: Not a generator, verified

Date form received by agency: 06/08/1992
Facility name: USDOJ DEA NORTHEAST LABORATORY
Classification: Not a generator, verified

Date form received by agency: 05/25/1992
Facility name: USDOJ DEA NORTHEAST LABORATORY
Site name: DRUG ENFORCEMENT ADM
Classification: Large Quantity Generator

Date form received by agency: 01/04/1991
Facility name: USDOJ DEA NORTHEAST LABORATORY
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110009479849

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AO385 **CON EDISON** **NY MANIFEST** **S112210933**
East **414 W 54 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.210 mi.
1109 ft. **Site 2 of 20 in cluster AO**

Relative:
Higher

Actual:
59 ft.

NY MANIFEST:

EPA ID:	NYP004271375
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-01
Trans1 Recv Date:	2012-10-01
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004271375
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457303JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AP386 **CON EDISON** **NY MANIFEST** **S112817671**
NE **511 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.210 mi.
1110 ft. **Site 1 of 10 in cluster AP**

Relative:
Higher

Actual:
56 ft.

NY MANIFEST:

EPA ID:	NYP004275780
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-24
Trans1 Recv Date:	2012-10-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004275780
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457434JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AQ387
SW
1/8-1/4
0.210 mi.
1111 ft.

666 11TH AVE
NEW YORK, NY 10019

Site 1 of 17 in cluster AQ

EDR US Hist Auto Stat **1015595193**
N/A

Relative:
Higher

Actual:
22 ft.

EDR Historical Auto Stations:

Name: POTAMKIN AUTO CTR & PTMKN LSNG
Year: 2002
Address: 666 11TH AVE

Name: POTAMKIN AUTO CTR & PTMKN LSNG
Year: 2003
Address: 666 11TH AVE

AO388
East
1/8-1/4
0.211 mi.
1112 ft.

415 W 54TH ST
NEW YORK, NY 10019

Site 3 of 20 in cluster AO

EDR US Hist Auto Stat **1015482834**
N/A

Relative:
Higher

Actual:
59 ft.

EDR Historical Auto Stations:

Name: JLM AUTO REPAIR INC
Year: 2001
Address: 415 W 54TH ST

Name: JLM AUTO REPAIR INC
Year: 2002
Address: 415 W 54TH ST

Name: 54 ST AUTO CARE INC
Year: 2005
Address: 415 W 54TH ST

Name: J L M AUTO REPAIR INC
Year: 2007
Address: 415 W 54TH ST

Name: J L M AUTO REPAIR INC
Year: 2008
Address: 415 W 54TH ST

Name: J L M AUTO REPAIR INC
Year: 2009
Address: 415 W 54TH ST

Name: 54TH ST AUTO CTR
Year: 2010
Address: 415 W 54TH ST

Name: J L M AUTO REPAIR INC
Year: 2011
Address: 415 W 54TH ST

Name: J L M AUTO REPAIR INC
Year: 2012
Address: 415 W 54TH ST

AK389
SW
1/8-1/4
0.211 mi.
1114 ft.

582 W 48TH ST
NEW YORK, NY 10036

Site 3 of 5 in cluster AK

EDR US Hist Auto Stat **1015561105**
N/A

Relative:
Higher

Actual:
24 ft.

EDR Historical Auto Stations:
Name: BEM AUTO TRANSMISSION INCORPORATED
Year: 1999
Address: 582 W 48TH ST

AI390
SSE
1/8-1/4
0.213 mi.
1122 ft.

450 W 49TH ST
NEW YORK, NY 10019

Site 5 of 10 in cluster AI

EDR US Hist Auto Stat **1015501935**
N/A

Relative:
Higher

Actual:
45 ft.

EDR Historical Auto Stations:
Name: TOWTRUCK SVC NYC
Year: 2010
Address: 450 W 49TH ST

AM391
ENE
1/8-1/4
0.213 mi.
1123 ft.

449 W 56TH ST
NEW YORK, NY 10019

Site 3 of 4 in cluster AM

EDR US Hist Auto Stat **1015501040**
N/A

Relative:
Higher

Actual:
66 ft.

EDR Historical Auto Stations:
Name: CAR STAR
Year: 2007
Address: 449 W 56TH ST

Name: CAR STAR
Year: 2008
Address: 449 W 56TH ST

Name: CAR STAR
Year: 2009
Address: 449 W 56TH ST

AP392
NE
1/8-1/4
0.213 mi.
1125 ft.

505 W 57TH ST
NEW YORK, NY 10019

Site 2 of 10 in cluster AP

EDR US Hist Auto Stat **1015527797**
N/A

Relative:
Higher

Actual:
59 ft.

EDR Historical Auto Stations:
Name: AUTOTECH COLLISION
Year: 2004
Address: 505 W 57TH ST

Name: 57TH STREET AUTO REPAIR INC
Year: 2005
Address: 505 W 57TH ST

Name: AUTOTECH COLLISION

(Continued) **1015527797**

Year: 2006
Address: 505 W 57TH ST

Name: AUTOTECH COLLISION
Year: 2007
Address: 505 W 57TH ST

Name: AUTOTECH COLLISION
Year: 2008
Address: 505 W 57TH ST

Name: AUTOTECH COLLISION
Year: 2009
Address: 505 W 57TH ST

Name: AUTOTECH COLLISION
Year: 2010
Address: 505 W 57TH ST

Name: AUTOTECH COLLISION
Year: 2011
Address: 505 W 57TH ST

Name: AUTOTECH COLLISION
Year: 2012
Address: 505 W 57TH ST

AP393 **COLON COMPANY** **NY HIST UST** **U001838853**
NE **505 W 57TH ST** **NY AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019** **NY HIST AST**
0.213 mi.
1125 ft. **Site 3 of 10 in cluster AP**

Relative:
Higher

Actual:
59 ft.

HIST UST:
PBS Number: 2-010677
SPDES Number: Not reported
Emergency Contact: PAUL R. COLON
Emergency Telephone: (212) 247-1440
Operator: COLON COMPANY
Operator Telephone: (212) 247-1441
Owner Name: COLON COMPANY
Owner Address: 505 W 57TH ST
Owner City,St,Zip: NEW YORK, NY 10019
Owner Telephone: (212) 247-1441
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: COLON COMPANY
Mailing Address: 505 W 57TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10019
Mailing Contact: PAUL COLONNA
Mailing Telephone: (212) 247-1441
Owner Mark: First Owner
Facility Status: 4 - Subpart 360-14 only (active)
Facility Addr2: 505 W 57TH ST
SWIS ID: 6201
Old PBS Number: Not reported
Facility Type: TRUCKING/TRANSPORTATION

COLON COMPANY (Continued) **U001838853**

Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/29/2000
Expiration Date:	10/23/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	275
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19850201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Other
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	05/01/2000
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-010677
Program Type:	PBS
UTM X:	585386.17986999999
UTM Y:	4513639.3904900001
Expiration Date:	2017/10/23

COLON COMPANY (Continued) **U001838853**

Affiliation Records:

Site Id:	77
Affiliation Type:	Facility Owner
Company Name:	COLON COMPANY
Contact Type:	PARTNER
Contact Name:	PAUL COLONNA
Address1:	505 W 57TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 247-1441
EMail:	PAULARROW7@AOL.COM
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/21/2007

Site Id:	77
Affiliation Type:	On-Site Operator
Company Name:	COLON COMPANY
Contact Type:	Not reported
Contact Name:	COLON COMPANY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 247-1440
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/15/2012

Site Id:	77
Affiliation Type:	Emergency Contact
Company Name:	COLON COMPANY
Contact Type:	Not reported
Contact Name:	PAUL R. COLONNA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 247-1440
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/15/2012

Site Id:	77
Affiliation Type:	Mail Contact
Company Name:	COLON COMPANY
Contact Type:	Not reported
Contact Name:	PAUL COLONNA

COLON COMPANY (Continued) **U001838853**

Address1:	505 W 57TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 247-1440
EMail:	PAULARROW7@AOL.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/15/2012

Tank Info:

Tank Number:	002
Tank Id:	56488
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1988
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/15/2012

HIST AST:

PBS Number:	2-010677
SWIS Code:	6201
Operator:	COLON COMPANY
Facility Phone:	(212) 247-1441
Facility Addr2:	505 W 57TH ST
Facility Type:	TRUCKING/TRANSPORTATION
Emergency:	PAUL R. COLON
Emergency Tel:	(212) 247-1440
Old PBSNO:	Not reported

COLON COMPANY (Continued) **U001838853**

Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	COLON COMPANY
Owner Address:	505 W 57TH ST
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 247-1441
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	PAUL COLONNA
Mailing Name:	COLON COMPANY
Mailing Address:	505 W 57TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 247-1441
Owner Mark:	First Owner
Facility Status:	4 - Subpart 360-14 only (active)
Certification Flag:	False
Certification Date:	02/29/2000
Expiration:	10/23/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	275
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19881201
Capacity (Gal):	275
Product Stored:	USED OIL (FUEL)
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	10
Pipe Location:	Aboveground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	10
Tank Containment:	None
Leak Detection:	00
Overfill Protection:	00
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported

COLON COMPANY (Continued) **U001838853**

Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

AP394 **COLON COMPANY** **NY UST** **U004076110**
NE **505 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.213 mi.
1125 ft. **Site 4 of 10 in cluster AP**

Relative:
Higher

Actual:
59 ft.

UST:
Id/Status: 2-010677 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2017/10/23
UTM X: 585386.17986999999
UTM Y: 4513639.3904900001

Affiliation Records:
Site Id: 77
Affiliation Type: Facility Owner
Company Name: COLON COMPANY
Contact Type: PARTNER
Contact Name: PAUL COLONNA
Address1: 505 W 57TH ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 247-1441
EMail: PAULARROW7@AOL.COM
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 8/21/2007

Site Id: 77
Affiliation Type: On-Site Operator
Company Name: COLON COMPANY
Contact Type: Not reported
Contact Name: COLON COMPANY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 247-1440
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 11/15/2012

Site Id: 77
Affiliation Type: Emergency Contact
Company Name: COLON COMPANY

COLON COMPANY (Continued) **U004076110**

Contact Type:	Not reported
Contact Name:	PAUL R. COLONNA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 247-1440
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/15/2012

Site Id:	77
Affiliation Type:	Mail Contact
Company Name:	COLON COMPANY
Contact Type:	Not reported
Contact Name:	PAUL COLONNA
Address1:	505 W 57TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 247-1440
EMail:	PAULARROW7@AOL.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/15/2012

Tank Info:

Tank Number:	001
Tank ID:	26858
Tank Status:	Closed - In Place
Capacity Gallons:	4000
Install Date:	02/01/1985
Date Tank Closed:	05/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
G99 - Tank Secondary Containment - Other
C02 - Pipe Location - Underground/On-ground

COLON COMPANY (Continued) **U004076110**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

AR395 **660 52ND ST/BKLYN** **NY LTANKS** **S104275623**
WNW **660 52ND STREET** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.213 mi.
1125 ft. **Site 1 of 2 in cluster AR**

Relative:
Lower

Actual:
11 ft.

LTANKS:

Site ID:	242366
Spill Number/Closed Date:	9009278 / 11/26/1990
Spill Date:	11/26/1990
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	11/26/1990
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	FINGER
Referred To:	Not reported
Reported to Dept:	11/26/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/10/1990
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	199163
DEC Memo:	Not reported
Remarks:	CUSTOMER ORDERED 300 GALS (550 GAL TANK), TANK OVERFILLED AT 285GALS, DRIVER APPLIED SPEEDY DRY, SPILL TEAM TO PICK UP & DISPOSE.

Material:

Site ID:	242366
Operable Unit ID:	949768
Operable Unit:	01
Material ID:	429504
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum

660 52ND ST/BKLYN (Continued) **S104275623**

Quantity: 3
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AH396 **CON EDISION - MH 3319** **RCRA NonGen / NLR** **1007208520**
South **S/E/C W48 ST & 10 AVE S/E/C W4** **NY MANIFEST** **NYP004091757**
1/8-1/4 **NEW YORK, NY 10003**
0.213 mi.
1125 ft. **Site 5 of 10 in cluster AH**

Relative:
Higher

Actual:
35 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/02/2002
Facility name: CON EDISION - MH 3319
Facility address: S/E/C W48 ST & 10 AVE S/E/C W4
NEW YORK, NY 10003
EPA ID: NYP004091757
Mailing address: IRVING PLACE
NEW YORK, NY 10003
Contact: ANTHONY DRUMMINGS
Contact address: IRVING PLACE
NEW YORK, NY 10003
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/01/2002
Facility name: CON EDISION - MH 3319
Classification: Not a generator, verified

Date form received by agency: 05/31/2002

CON EDISION - MH 3319 (Continued) **1007208520**

Facility name: CON EDISION - MH 3319
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP004091757
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE0705069
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 11/03/2001
Trans1 Recv Date: 11/03/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/06/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004091757
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: 74791AV
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00125
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2001

Document ID: NYE0621315
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 11/03/2001
Trans1 Recv Date: 11/03/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/03/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004091757
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported
TSDF ID: 31877AJ

CON EDISION - MH 3319 (Continued) **1007208520**

Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01327
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

AK397 **EDR US Hist Auto Stat** **1015548521**
SW **546 W 48TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.213 mi.
1126 ft. **Site 4 of 5 in cluster AK**

Relative:
Higher

Actual:
26 ft.

EDR Historical Auto Stations:

Name:	49 ST AUTO CLINIC CORP
Year:	2001
Address:	546 W 48TH ST
Name:	THE AUTO CLINIC
Year:	2002
Address:	546 W 48TH ST
Name:	AUTO REPAIR SHOP
Year:	2003
Address:	546 W 48TH ST
Name:	47 ST AUTO CLINIC & BODY SHOP
Year:	2004
Address:	546 W 48TH ST
Name:	47 ST AUTO CLINIC & BODY SHOP
Year:	2005
Address:	546 W 48TH ST
Name:	THE AUTO CLINIC
Year:	2006
Address:	546 W 48TH ST
Name:	47 ST AUTO CLINIC & BODY SHOP INC
Year:	2007
Address:	546 W 48TH ST
Name:	JAMES AUTO BODY
Year:	2008
Address:	546 W 48TH ST
Name:	THE AUTO CLINIC
Year:	2009
Address:	546 W 48TH ST
Name:	JAMIES AUTO BODY
Year:	2010
Address:	546 W 48TH ST
Name:	AUTO CLINIC
Year:	2011

(Continued) **1015548521**

Address: 546 W 48TH ST

Name: AUTO CLINIC
Year: 2012
Address: 546 W 48TH ST

AH398 **EDR US Hist Auto Stat** **1015522978**
South **500 W 48TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.213 mi.
1126 ft. **Site 6 of 10 in cluster AH**

Relative:
Higher

Actual:
35 ft.

EDR Historical Auto Stations:
Name: TAXI AUTO PARTS
Year: 2001
Address: 500 W 48TH ST

Name: TAXI AUTO PARTS
Year: 2003
Address: 500 W 48TH ST

Name: TAXI AUTO PARTS
Year: 2004
Address: 500 W 48TH ST

AP399 **AREBA CASRIEL INST** **NY AST** **U003386737**
NE **500 W 57TH ST** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.214 mi.
1128 ft. **Site 5 of 10 in cluster AP**

Relative:
Higher

Actual:
61 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-246638
Program Type: PBS
UTM X: 585403.83476999996
UTM Y: 4513616.2798499996
Expiration Date: 2008/02/03

Affiliation Records:
Site Id: 9654
Affiliation Type: Facility Owner
Company Name: AREBA CASRIEL INST
Contact Type: Not reported
Contact Name: Not reported
Address1: 500 W 57TH
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 293-3000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

AREBA CASRIEL INST (Continued) **U003386737**

Date Last Modified: 3/4/2004

Site Id: 9654
Affiliation Type: Mail Contact
Company Name: AREBA CASRIEL INST
Contact Type: Not reported
Contact Name: JACQUELINE KELLO RN, MA
Address1: 500 WEST 57TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 293-3000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9654
Affiliation Type: On-Site Operator
Company Name: AREBA CASRIEL INST
Contact Type: Not reported
Contact Name: JACKIE KELLO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 293-3000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9654
Affiliation Type: Emergency Contact
Company Name: AREBA CASRIEL INST
Contact Type: Not reported
Contact Name: YEFIM MANDRAK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 293-3000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 10590

AREBA CASRIEL INST (Continued) **U003386737**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H04 - Tank Leak Detection - Groundwater Well

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

HIST AST:

PBS Number: 2-246638
SWIS Code: 6201
Operator: JACKIE KELLO
Facility Phone: (212) 293-3000
Facility Addr2: 500 W 57TH ST
Facility Type: Not reported
Emergency: YEFIM MANDRAK
Emergency Tel: (212) 293-3000
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: AREBA CASRIEL INST
Owner Address: 500 W 57TH
Owner City,St,Zip: NEW YORK, NY 10019
Federal ID: Not reported
Owner Tel: (212) 293-3000
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: AREBA CASRIEL INST
Mailing Address: 500 W 57TH
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10019
Mailing Telephone: (212) 293-3000
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is

AREBA CASRIEL INST (Continued) **U003386737**

greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag:	False
Certification Date:	01/16/1998
Expiration:	02/03/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2500
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	3
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AS400 **407 W. 52 REALTY LLC** **NY AST** **A100175081**
SE **407 WEST 52ND STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.214 mi.
1128 ft. **Site 1 of 10 in cluster AS**

Relative:
Higher

Actual:
55 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-251798
Program Type:	PBS

407 W. 52 REALTY LLC (Continued) **A100175081**

UTM X: 585428.35112000001
UTM Y: 4513159.2693100004
Expiration Date: 2016/03/26

Affiliation Records:

Site Id: 10118
Affiliation Type: Mail Contact
Company Name: C/O S.W.MGMT LLC
Contact Type: Not reported
Contact Name: 407 W. 52 REALTY LLC
Address1: 145 HUGUENOT STREET
Address2: SUITE 503
City: NEW ROCHELLE
State: NY
Zip Code: 10801
Country Code: 001
Phone: (914) 637-6200
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/15/2011

Site Id: 10118
Affiliation Type: On-Site Operator
Company Name: 407 W. 52 REALTY LLC
Contact Type: Not reported
Contact Name: HECTOR BUENDIA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 247-4012
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 10118
Affiliation Type: Emergency Contact
Company Name: 407 W. 52 REALTY LLC
Contact Type: Not reported
Contact Name: BAUER BOILERS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 299-1650
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2/2/2006

Site Id: 10118
Affiliation Type: Facility Owner

407 W. 52 REALTY LLC (Continued) **A100175081**

Company Name:	407 W. 52 REALTY LLC
Contact Type:	MEMBER
Contact Name:	STANLEY WASSERMAN
Address1:	145 HUGUENOT STREET
Address2:	Not reported
City:	NEW ROCHELLE
State:	NY
Zip Code:	10801
Country Code:	001
Phone:	(914) 637-6200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/2/2006

Tank Info:

Tank Number:	131
Tank Id:	11793
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G99 - Tank Secondary Containment - Other
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	07/12/1943
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	03/15/2011

AE401 **665 11TH AVE.** **NY AST** **A100178216**
SW **665 ELEVENTHTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.214 mi.
1129 ft. **Site 9 of 11 in cluster AE**

Relative:
Lower

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605986
Program Type:	PBS
UTM X:	584779.58233
UTM Y:	4513131.0029699998
Expiration Date:	2016/06/11

Affiliation Records:

Site Id:	27851
Affiliation Type:	Facility Owner
Company Name:	665-75 11TH AVE. REALTY CORP.
Contact Type:	PRESIDENT
Contact Name:	ROGER HAYES
Address1:	P.O. BOX 965
Address2:	Not reported
City:	PALOS VERDES ESTATES
State:	CA
Zip Code:	90274
Country Code:	001
Phone:	(310) 722-1761
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/8/2012

Site Id:	27851
Affiliation Type:	Mail Contact
Company Name:	665-75 11TH AVE REALTY CORP.
Contact Type:	Not reported
Contact Name:	ROGER HAYES
Address1:	P.O. BOX 965
Address2:	Not reported
City:	PALOS VERDES ESTATES
State:	CA
Zip Code:	90274
Country Code:	001
Phone:	(310) 722-1761
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/8/2012

Site Id:	27851
Affiliation Type:	On-Site Operator
Company Name:	665 11TH AVE.
Contact Type:	Not reported
Contact Name:	JEAN LIEMANN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

665 11TH AVE. (Continued) **A100178216**

Zip Code:	Not reported
Country Code:	001
Phone:	(201) 679-9021
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/8/2012

Site Id:	27851
Affiliation Type:	Emergency Contact
Company Name:	665-75 11TH AVE. REALTY CORP.
Contact Type:	Not reported
Contact Name:	ROGER HAYES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(310) 722-1761
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/8/2012

Tank Info:

Tank Number:	001
Tank Id:	60810
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/15/1983
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

665 11TH AVE. (Continued) **A100178216**

Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 05/10/2011

AH402 **CUMBERLAND FARMS** **NY UST** **U001839068**
South **707 TENTH AVE** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10010**
0.214 mi.
1129 ft. **Site 7 of 10 in cluster AH**

Relative:
Higher

Actual:
35 ft.

UST:
Id/Status: 2-336793 / Administratively Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585093.70993999997
UTM Y: 4513080.1436299998

Affiliation Records:
Site Id: 16119
Affiliation Type: Facility Owner
Company Name: CUMBERLAND FARMS, INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 777 DEDHAM STREET
Address2: Not reported
City: CANTON
State: MA
Zip Code: 02021
Country Code: 001
Phone: (718) 828-4900
EMail: Not reported
Fax Number: Not reported
Modified By: RLREYELL
Date Last Modified: 2/22/2008

Site Id: 16119
Affiliation Type: Mail Contact
Company Name: CUMBERLAND FARMS, INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 777 DEDHAM STREET
Address2: Not reported
City: CANTON
State: MA
Zip Code: 02021
Country Code: 001
Phone: (718) 828-4900
EMail: Not reported
Fax Number: Not reported
Modified By: RLREYELL
Date Last Modified: 2/22/2008

Site Id: 16119
Affiliation Type: On-Site Operator
Company Name: CUMBERLAND FARMS, INC.

CUMBERLAND FARMS (Continued) **U001839068**

Contact Type:	Not reported
Contact Name:	LUCAS ALICEA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 581-3338
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16119
Affiliation Type:	Emergency Contact
Company Name:	CUMBERLAND FARMS, INC.
Contact Type:	Not reported
Contact Name:	LUCAS ALICEA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 337-1365
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	28492
Tank Status:	Administratively Closed
Capacity Gallons:	550
Install Date:	06/01/1962
Date Tank Closed:	06/05/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

CUMBERLAND FARMS (Continued) **U001839068**

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number:	002
Tank ID:	28493
Tank Status:	Administratively Closed
Capacity Gallons:	550
Install Date:	06/01/1962
Date Tank Closed:	06/05/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number:	003
Tank ID:	28494
Tank Status:	Administratively Closed
Capacity Gallons:	550
Install Date:	06/01/1962
Date Tank Closed:	06/05/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

CUMBERLAND FARMS (Continued) **U001839068**

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 004
Tank ID: 28495
Tank Status: Administratively Closed
Capacity Gallons: 550
Install Date: 06/01/1962
Date Tank Closed: 06/05/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 005
Tank ID: 28496
Tank Status: Administratively Closed
Capacity Gallons: 550
Install Date: 06/01/1962
Date Tank Closed: 06/05/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

CUMBERLAND FARMS (Continued) **U001839068**

Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 006
Tank ID: 28497
Tank Status: Administratively Closed
Capacity Gallons: 550
Install Date: 06/01/1962
Date Tank Closed: 06/05/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 007
Tank ID: 28498
Tank Status: Administratively Closed
Capacity Gallons: 550
Install Date: 06/01/1962
Date Tank Closed: 06/05/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

CUMBERLAND FARMS (Continued) **U001839068**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 008
Tank ID: 28499
Tank Status: Administratively Closed
Capacity Gallons: 550
Install Date: 06/01/1962
Date Tank Closed: 06/05/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 009
Tank ID: 28500
Tank Status: Administratively Closed
Capacity Gallons: 550
Install Date: 06/01/1962
Date Tank Closed: 06/05/2000
Registered: True
Tank Location: Underground

CUMBERLAND FARMS (Continued) **U001839068**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 010
Tank ID: 28501
Tank Status: Administratively Closed
Capacity Gallons: 550
Install Date: 06/01/1962
Date Tank Closed: 06/05/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 011
Tank ID: 28502
Tank Status: Administratively Closed
Capacity Gallons: 550

CUMBERLAND FARMS (Continued) **U001839068**

Install Date: 06/01/1962
Date Tank Closed: 06/05/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 012
Tank ID: 28503
Tank Status: Administratively Closed
Capacity Gallons: 550
Install Date: 06/01/1962
Date Tank Closed: 06/05/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well

CUMBERLAND FARMS (Continued) **U001839068**

Tank Number:	013
Tank ID:	28504
Tank Status:	Administratively Closed
Capacity Gallons:	550
Install Date:	06/01/1962
Date Tank Closed:	06/05/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

HIST UST:

PBS Number:	2-336793
SPDES Number:	Not reported
Emergency Contact:	LUCAS ALICEA
Emergency Telephone:	(914) 337-1365
Operator:	LUCAS ALICEA
Operator Telephone:	(212) 581-3338
Owner Name:	CUMBLERLAND FARMS INC
Owner Address:	777 DEDHAM ST
Owner City,St,Zip:	CANTON, MA 02021
Owner Telephone:	(781) 828-4900
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	CUMBLERLAND FARMS INC
Mailing Address:	777 DEDHAM ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	CANTON, MA 02021
Mailing Contact:	Not reported
Mailing Telephone:	(617) 828-4912
Owner Mark:	First Owner
Facility Status:	3 - Administratively closed (reasons include business is closed and/or mail is undeliverable, and staff cannot check if tanks were removed; or a duplicate registration was generated).
Facility Addr2:	707 10TH AVE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported

CUMBERLAND FARMS (Continued) **U001839068**

Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/25/1988
Expiration Date:	02/25/1993
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Undefined
Install Date:	19620601
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Groundwater Well
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/05/2000
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Undefined
Install Date:	19620601
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported

CUMBERLAND FARMS (Continued) **U001839068**

Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Groundwater Well
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/05/2000
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Undefined
Install Date:	19620601
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Groundwater Well
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/05/2000
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Undefined
Install Date:	19620601
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported

CUMBERLAND FARMS (Continued) **U001839068**

Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/05/2000
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Undefined
Install Date: 19620601
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/05/2000
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 006
Tank Location: UNDERGROUND
Tank Status: Undefined
Install Date: 19620601
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported

CUMBERLAND FARMS (Continued) **U001839068**

Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/05/2000
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 007
Tank Location: UNDERGROUND
Tank Status: Undefined
Install Date: 19620601
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/05/2000
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 008
Tank Location: UNDERGROUND
Tank Status: Undefined
Install Date: 19620601
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported

CUMBERLAND FARMS (Continued) **U001839068**

Missing Data for Tank: Minor Data Missing
Date Closed: 06/05/2000
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 009
Tank Location: UNDERGROUND
Tank Status: Undefined
Install Date: 19620601
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/05/2000
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 010
Tank Location: UNDERGROUND
Tank Status: Undefined
Install Date: 19620601
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/05/2000
Test Method: Not reported

CUMBERLAND FARMS (Continued) **U001839068**

Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 011
Tank Location: UNDERGROUND
Tank Status: Undefined
Install Date: 19620601
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/05/2000
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 012
Tank Location: UNDERGROUND
Tank Status: Undefined
Install Date: 19620601
Capacity (gals): 550
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/05/2000
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

CUMBERLAND FARMS (Continued) **U001839068**

Tank Id:	013
Tank Location:	UNDERGROUND
Tank Status:	Undefined
Install Date:	19620601
Capacity (gals):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/05/2000
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

AP403 **CON EDISON** **RCRA-CESQG** **1014396507**
NE **W 57TH & 10TH AVE** **NYP004188199**
1/8-1/4 **NEW YORK, NY 10019**
0.215 mi.
1137 ft. **Site 6 of 10 in cluster AP**

Relative:
Higher

Actual:
61 ft.

RCRA-CESQG:

Date form received by agency:	07/29/2009
Facility name:	CON EDISON
Facility address:	W 57TH & 10TH AVE NEW YORK, NY 10019
EPA ID:	NYP004188199
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	DENNIS MICHAELIDES
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(718) 204-4297
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

CON EDISON (Continued) **1014396507**

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

AM404 **ENVIRONMENTAL H.S. (M 834) OUTREACH** **NY AST** **A100183007**
ENE **444 WEST 56TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.216 mi.
1140 ft. **Site 4 of 4 in cluster AM**

Relative:
Higher

Actual:
66 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-601965
Program Type:	PBS
UTM X:	585485.03839999996
UTM Y:	4513477.2202700004
Expiration Date:	2016/07/25

Affiliation Records:

Site Id:	23924
Affiliation Type:	On-Site Operator
Company Name:	ENVIRONMENTAL H.S. (M 834)
Contact Type:	Not reported
Contact Name:	PLANT OPERATION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id: 23924

ENVIRONMENTAL H.S. (M 834) OUTREACH (Continued) **A100183007**

Affiliation Type:	Emergency Contact
Company Name:	NYC DEPARMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/24/2011

Site Id:	23924
Affiliation Type:	Facility Owner
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BLVD.
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
EMail:	MSHARMA@SCHOOLS.NYC.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/10/2012

Site Id:	23924
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BLVD.
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
EMail:	JMERLO@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/10/2012

Tank Info:

Tank Number:	01
Tank Id:	48558
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

ENVIRONMENTAL H.S. (M 834) OUTREACH (Continued) **A100183007**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1993
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	06/02/2011

405
West
1/8-1/4
0.217 mi.
1146 ft.

680 12TH AVE
NEW YORK, NY 10019

EDR US Hist Auto Stat **1015598567**
N/A

Relative:
Lower

Actual:
11 ft.

EDR Historical Auto Stations:

Name:	MONTAN MOTORCYCLE SRVS
Year:	1999
Address:	680 12TH AVE
Name:	MONTAN MOTORCYCLE SERVICE
Year:	2001
Address:	680 12TH AVE

AT406
East
1/8-1/4
0.217 mi.
1148 ft.

C2MEDIA
423 W 55TH ST - 11TH FLOOR
NEW YORK, NY 10019

Site 1 of 5 in cluster AT

RCRA-SQG **1000912511**
FINDS **NY0000841452**
NY MANIFEST

Relative:
Higher

Actual:
66 ft.

RCRA-SQG:

Date form received by agency:	06/05/2008
Facility name:	C2MEDIA
Facility address:	423 W 55TH ST - 11TH FLOOR NEW YORK, NY 10019
EPA ID:	NY0000841452
Mailing address:	W 55TH ST - 11TH FLOOR

C2MEDIA (Continued) **1000912511**

NEW YORK, NY 10019
Contact: Not reported
Contact address: W 55TH ST - 11TH FLOOR
NEW YORK, NY 10019
Contact country: US
Contact telephone: (646) 557-6300
Contact email: NEWYORK@C2MEDIA.COM
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/04/2008
Facility name: C2MEDIA
Classification: Small Quantity Generator

Date form received by agency: 01/01/2006
Facility name: C2MEDIA
Site name: CHROMA COPY
Classification: Small Quantity Generator

Date form received by agency: 09/26/1994
Facility name: C2MEDIA
Site name: CHROMA COPY
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/25/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

C2MEDIA (Continued) **1000912511**

FINDS:

Registry ID: 110004319782

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NY0000841452
Country:	USA
Mailing Name:	CHROMA COPY
Mailing Contact:	GARY ROSENSON
Mailing Address:	423 W 55TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-399-2420

Document ID:	NJA2800839
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	971120
Trans1 Recv Date:	971120
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971208
Part A Recv Date:	Not reported
Part B Recv Date:	971224
Generator EPA ID:	NY0000841452
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01356
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NJA2690416
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	Not reported

C2MEDIA (Continued) **1000912511**

Generator Ship Date: 970730
Trans1 Recv Date: 970730
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970807
Part A Recv Date: Not reported
Part B Recv Date: 970826
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00370
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA2047220
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 950531
Trans1 Recv Date: 950531
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950601
Part A Recv Date: Not reported
Part B Recv Date: 950615
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00185
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95

Document ID: NJA3212586
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 04/19/2001
Trans1 Recv Date: 04/19/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/20/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported

C2MEDIA (Continued) **1000912511**

TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00678
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3212714
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 10/15/2001
Trans1 Recv Date: 10/15/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/18/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00340
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3212742
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 02/01/2001
Trans1 Recv Date: 02/01/2001
Trans2 Recv Date: 02/06/2001
TSD Site Recv Date: 02/06/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00334
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

C2MEDIA (Continued) **1000912511**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	2007-01-23
Trans1 Recv Date:	2007-01-23
Trans2 Recv Date:	2007-01-30
TSD Site Recv Date:	2007-02-01
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0000841452
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	KYD053348108
Waste Code:	Not reported
Quantity:	300.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000006117SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	NJA2153512
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPE086
Trans2 State ID:	Not reported
Generator Ship Date:	951214
Trans1 Recv Date:	951214
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951215
Part A Recv Date:	Not reported
Part B Recv Date:	951229
Generator EPA ID:	NY0000841452
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00184
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

C2MEDIA (Continued) **1000912511**

Year: 95

Document ID: NJA2735800
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 02/12/1998
Trans1 Recv Date: 02/12/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/26/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00678
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA3022166
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCR000074591
Generator Ship Date: 04/25/2000
Trans1 Recv Date: 04/25/2000
Trans2 Recv Date: 05/02/2000
TSD Site Recv Date: 05/02/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00668
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA3212806
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 11/15/2000
Trans1 Recv Date: 11/15/2000

C2MEDIA (Continued) **1000912511**

Trans2 Recv Date: 11/20/2000
TSD Site Recv Date: 11/20/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00334
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA2534739
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 961125
Trans1 Recv Date: 961125
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961126
Part A Recv Date: Not reported
Part B Recv Date: 961219
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00185
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA2545135
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 960502
Trans1 Recv Date: 960502
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960502
Part A Recv Date: Not reported
Part B Recv Date: 960517
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES

C2MEDIA (Continued) **1000912511**

Quantity: 00184
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA2800989
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCD987574647
Generator Ship Date: 09/03/1998
Trans1 Recv Date: 09/03/1998
Trans2 Recv Date: 09/11/1998
TSD Site Recv Date: 09/16/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00668
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2801044
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCD987574647
Generator Ship Date: 12/01/1998
Trans1 Recv Date: 12/01/1998
Trans2 Recv Date: 12/03/1998
TSD Site Recv Date: 12/09/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00999
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

C2MEDIA (Continued) **1000912511**

Document ID: NJA2819063
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 04/30/1998
Trans1 Recv Date: 04/30/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/05/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01017
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2819181
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 06/18/1998
Trans1 Recv Date: 06/18/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/29/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00678
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2541371
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 960612
Trans1 Recv Date: 960612
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960614
Part A Recv Date: Not reported

C2MEDIA (Continued) **1000912511**

Part B Recv Date: 960705
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00160
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA3163296
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 10/12/2000
Trans1 Recv Date: 10/12/2000
Trans2 Recv Date: 10/17/2000
TSD Site Recv Date: 10/17/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00334
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA3163375
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 08/18/2000
Trans1 Recv Date: 08/18/2000
Trans2 Recv Date: 08/22/2000
TSD Site Recv Date: 08/22/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: NJDEPE086
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00668
Units: P - Pounds
Number of Containers: 002

C2MEDIA (Continued) **1000912511**

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Click this hyperlink while viewing on your computer to access
28 additional NY_MANIFEST: record(s) in the EDR Site Report.

EPA ID: NYP004063442
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NJA2800839
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 971120
Trans1 Recv Date: 971120
Trans2 Recv Date: Not reported
TSD Site Recv Date: 971208
Part A Recv Date: Not reported
Part B Recv Date: 971224
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01356
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA2690416
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 970730
Trans1 Recv Date: 970730
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970807
Part A Recv Date: Not reported
Part B Recv Date: 970826
Generator EPA ID: NY0000841452

C2MEDIA (Continued) **1000912511**

Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00370
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA2047220
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 950531
Trans1 Recv Date: 950531
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950601
Part A Recv Date: Not reported
Part B Recv Date: 950615
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00185
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95

Document ID: NJA3212586
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 04/19/2001
Trans1 Recv Date: 04/19/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/20/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00678
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.

C2MEDIA (Continued) **1000912511**

Specific Gravity: 01.00
Year: 2001

Document ID: NJA3212714
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 10/15/2001
Trans1 Recv Date: 10/15/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/18/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00340
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3212742
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 02/01/2001
Trans1 Recv Date: 02/01/2001
Trans2 Recv Date: 02/06/2001
TSD Site Recv Date: 02/06/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00334
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: NJD071629976
Generator Ship Date: 2007-01-23

C2MEDIA (Continued) **1000912511**

Trans1 Recv Date:	2007-01-23
Trans2 Recv Date:	2007-01-30
TSD Site Recv Date:	2007-02-01
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0000841452
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	KYD053348108
Waste Code:	Not reported
Quantity:	300.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000006117SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	NJA2153512
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPE086
Trans2 State ID:	Not reported
Generator Ship Date:	951214
Trans1 Recv Date:	951214
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951215
Part A Recv Date:	Not reported
Part B Recv Date:	951229
Generator EPA ID:	NY0000841452
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00184
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2735800
Manifest Status:	Not reported

C2MEDIA (Continued) **1000912511**

Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 02/12/1998
Trans1 Recv Date: 02/12/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/26/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00678
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA3022166
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCR000074591
Generator Ship Date: 04/25/2000
Trans1 Recv Date: 04/25/2000
Trans2 Recv Date: 05/02/2000
TSD Site Recv Date: 05/02/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00668
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA3212806
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 11/15/2000
Trans1 Recv Date: 11/15/2000
Trans2 Recv Date: 11/20/2000
TSD Site Recv Date: 11/20/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452

C2MEDIA (Continued) **1000912511**

Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00334
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA2534739
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 961125
Trans1 Recv Date: 961125
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961126
Part A Recv Date: Not reported
Part B Recv Date: 961219
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00185
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA2545135
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 960502
Trans1 Recv Date: 960502
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960502
Part A Recv Date: Not reported
Part B Recv Date: 960517
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00184
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.

C2MEDIA (Continued) **1000912511**

Specific Gravity: 100
Year: 96

Document ID: NJA2800989
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCD987574647
Generator Ship Date: 09/03/1998
Trans1 Recv Date: 09/03/1998
Trans2 Recv Date: 09/11/1998
TSD Site Recv Date: 09/16/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00668
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2801044
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCD987574647
Generator Ship Date: 12/01/1998
Trans1 Recv Date: 12/01/1998
Trans2 Recv Date: 12/03/1998
TSD Site Recv Date: 12/09/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00999
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2819063
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 04/30/1998

C2MEDIA (Continued) **1000912511**

Trans1 Recv Date: 04/30/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/05/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01017
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2819181
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 06/18/1998
Trans1 Recv Date: 06/18/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/29/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000841452
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00678
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2541371
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 960612
Trans1 Recv Date: 960612
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960614
Part A Recv Date: Not reported
Part B Recv Date: 960705
Generator EPA ID: NY0000841452
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897

C2MEDIA (Continued) **1000912511**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00160
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NJA3163296
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	10/12/2000
Trans1 Recv Date:	10/12/2000
Trans2 Recv Date:	10/17/2000
TSD Site Recv Date:	10/17/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0000841452
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00334
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA3163375
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	08/18/2000
Trans1 Recv Date:	08/18/2000
Trans2 Recv Date:	08/22/2000
TSD Site Recv Date:	08/22/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0000841452
Trans1 EPA ID:	NJD002182897
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEPE086
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00668
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

C2MEDIA (Continued) **1000912511**

Click this hyperlink while viewing on your computer to access
28 additional NY_MANIFEST: record(s) in the EDR Site Report.

AT407 **CON ED - V 4023** **RCRA NonGen / NLR** **1007206136**
East **423 W 55 ST** **NY MANIFEST** **NYP004004263**
1/8-1/4 **NEW YORK, NY 10019**
0.217 mi.
1148 ft. **Site 2 of 5 in cluster AT**

Relative:
Higher

Actual:
66 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/28/1998
Facility name:	CON ED - V 4023
Facility address:	423 W 55 ST NEW YORK, NY 100190000
EPA ID:	NYP004004263
Mailing address:	CONSOLIDATED EDISON INC 4 IRVING PLACE - ROOM 300 NEW YORK, NY 100030000
Contact:	ANTHONY DRUMMINGS
Contact address:	CONSOLIDATED EDISON INC NEW YORK, NY 100030000
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/27/1998
Facility name:	CON ED - V 4023
Classification:	Not a generator, verified

Date form received by agency:	02/26/1998
Facility name:	CON ED - V 4023
Classification:	Large Quantity Generator

Violation Status: No violations found

CON ED - V 4023 (Continued) **1007206136**

NY MANIFEST:

EPA ID:	NYP004004263
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYB8467371
Manifest Status:	Completed copy
Trans1 State ID:	GX3216
Trans2 State ID:	Not reported
Generator Ship Date:	970131
Trans1 Recv Date:	970131
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970203
Part A Recv Date:	970214
Part B Recv Date:	970212
Generator EPA ID:	NYP004004263
Trans1 EPA ID:	NYD006982359
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity:	01029
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

AT408 **423 WEST 55TH STREET** **FINDS** **1005517907**
East **423 WEST 55TH ST** **NY AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019** **US AIRS**
0.217 mi.
1148 ft. **Site 3 of 5 in cluster AT**

Relative: Higher

Actual: 66 ft.

FINDS:

Registry ID: 110001608644

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the

423 WEST 55TH STREET (Continued) **1005517907**

estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-398977
Program Type:	PBS
UTM X:	585502.69169999997
UTM Y:	4513388.4967
Expiration Date:	2018/02/14

Affiliation Records:

Site Id:	18979
Affiliation Type:	Facility Owner
Company Name:	WEST 55TH ST BUILDING LLC
Contact Type:	AGENT
Contact Name:	DENIS MUZIO
Address1:	730 FIFTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 616-8900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	1/30/2013

Site Id:	18979
Affiliation Type:	Mail Contact
Company Name:	WINTER MGMT CORP.
Contact Type:	Not reported
Contact Name:	DENIS MUZIO
Address1:	730 FIFTH AVENUE
Address2:	12TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 616-8900
EMail:	DMUZIO@WINTERORG.COM
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	1/30/2013

Site Id:	18979
Affiliation Type:	On-Site Operator
Company Name:	423 W 55 ST

423 WEST 55TH STREET (Continued) **1005517907**

Contact Type:	Not reported
Contact Name:	DANNY RYGOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 265-8437
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	1/30/2013

Site Id:	18979
Affiliation Type:	Emergency Contact
Company Name:	WEST 55TH ST BUILDING LLC
Contact Type:	Not reported
Contact Name:	DENIS MUZIO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 616-8900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	1/30/2013

Tank Info:

Tank Number:	002
Tank Id:	219581
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service

423 WEST 55TH STREET (Continued) **1005517907**

Pipe Model:	Not reported
Install Date:	08/15/2007
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	09/26/2007

Tank Number:	314
Tank Id:	21554
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/1962
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	07/26/2012

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID:	110001608519
Plant name:	423 WEST 55TH STREET
Plant address:	423 WEST 55TH ST NEW YORK, NY 10019
County:	NEW YORK
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043
Sic code:	6513

423 WEST 55TH STREET (Continued) **1005517907**

Sic code desc:	Not reported
North Am. industrial classf:	531110
NAIC code description:	Lessors of Residential Buildings and Dwellings
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS.
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	990819
Penalty amount:	000000000

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1001
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1002
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

423 WEST 55TH STREET (Continued) **1005517907**

Hist compliance date: 1104
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: V

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204

423 WEST 55TH STREET (Continued) **1005517907**

Air prog code hist file: 0

AD409 **CON EDISON** **NY MANIFEST** **S112210884**
ESE **404 W 53RD ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.218 mi.
1152 ft. **Site 6 of 8 in cluster AD**

Relative:
Higher

Actual:
59 ft.

NY MANIFEST:

EPA ID:	NYP004270849
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270849
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457319JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

CON EDISON (Continued) **S112210884**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270849
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457319JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AQ410 **NYCDEP** **NY MANIFEST** **1009235656**
SW **W 48TH ST BTW 10TH & 11TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY**
0.218 mi.
1152 ft. **Site 2 of 17 in cluster AQ**

Relative:
Lower

Actual:
21 ft.

NY MANIFEST:

EPA ID:	NYP003661295
Country:	USA
Mailing Name:	NYCDEP
Mailing Contact:	STANLEY BALDWIN
Mailing Address:	96-05 HORACE HARDING
Mailing Address 2:	Not reported
Mailing City:	CORONA
Mailing State:	NY
Mailing Zip:	11368
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-595-4658
Document ID:	NYG2502387
Manifest Status:	Not reported

NYCDEP (Continued) **1009235656**

Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	09/06/2001
Trans1 Recv Date:	09/06/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/07/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP003661295
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	68699ANNY
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

AQ411 **NYNEX** **NY MANIFEST** **1009226019**
SW **11TH AVE & 48TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.218 mi.
1152 ft. **Site 3 of 17 in cluster AQ**

Relative:
Lower

Actual:
21 ft.

NY MANIFEST:

EPA ID:	NYD000924308
Country:	USA
Mailing Name:	NYNEX
Mailing Contact:	JOHN CANNY
Mailing Address:	221 EAST 37TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-395-6040

Document ID:	NJA2295848
Manifest Status:	Completed copy
Trans1 State ID:	50060
Trans2 State ID:	Not reported
Generator Ship Date:	960405
Trans1 Recv Date:	960405
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960408
Part A Recv Date:	960515
Part B Recv Date:	960426
Generator EPA ID:	NYD000924308
Trans1 EPA ID:	NYD980761191
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00055

NYNEX (Continued) **1009226019**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	96

AD412 **405 W 53RD DEVEOPMENT GROUP LLC** **NY MANIFEST** **S109155526**
ESE **405 -427 WEST 53RD STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.218 mi.
1153 ft. **Site 7 of 8 in cluster AD**

Relative:
Higher

Actual:
59 ft.

NY MANIFEST:

EPA ID:	NYR000138719
Country:	USA
Mailing Name:	405 W 53RD DEVEOPMENT GROUP LLC
Mailing Contact:	N/S
Mailing Address:	456 E 173RD STREET
Mailing Address 2:	Not reported
Mailing City:	BRONX
Mailing State:	NY
Mailing Zip:	10457
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-299-7000

NY MANIFEST:

No Manifest Records Available

AD413 **405-427 WEST 53RD STREET** **RCRA-LQG** **1009399907**
ESE **405 -427 WEST 53RD STREET** **NYR000138719**
1/8-1/4 **MANHATTAN, NY 10019**
0.218 mi.
1153 ft. **Site 8 of 8 in cluster AD**

Relative:
Higher

Actual:
59 ft.

RCRA-LQG:

Date form received by agency:	05/28/2008
Facility name:	405-427 WEST 53RD STREET
Facility address:	405 -427 WEST 53RD STREET MANHATTAN, NY 10019
EPA ID:	NYR000138719
Mailing address:	EAST 173RD STREET BRONX, NY 10457
Contact:	RYAN TUNSTALL
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(718) 299-7000
Telephone ext.:	216
Contact email:	rtunstall@procidarealty.com
EPA Region:	02
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste

405-427 WEST 53RD STREET (Continued) **1009399907**

during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	405 WEST 53RD DEVELOPMENT GROUP LLC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/03/2006
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON CO OF NEW YORK
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/03/2006
Owner/Op end date:	Not reported

Owner/operator name:	405 WEST 53RD DEVELOPMENT GROUP LLC
Owner/operator address:	EAST 173RD STREET
	BRONX, NY 10457
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/01/2006
Owner/Op end date:	Not reported

Owner/operator name:	405 WEST 53RD DEVELOPMENT GROUP LLC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/01/2006
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

405-427 WEST 53RD STREET (Continued) **1009399907**

Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2007
Facility name:	405-427 WEST 53RD STREET
Site name:	405 WEST 53RD DEVELOPMENT GROUP LLC
Classification:	Small Quantity Generator
Date form received by agency:	03/24/2006
Facility name:	405-427 WEST 53RD STREET
Site name:	405 WEST 53RD DEVELOPMENT GROUP LLC
Classification:	Small Quantity Generator
Date form received by agency:	03/23/2006
Facility name:	405-427 WEST 53RD STREET
Site name:	405 WEST 53RD DEVELOPMENT GROUP LLC
Classification:	Small Quantity Generator

Hazardous Waste Summary:

Waste code:	D008
Waste name:	LEAD
Waste code:	D008
Waste name:	LEAD
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	09/04/2008
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

AI414 **LAWRENCE TULMAN** **NY AST** **U003392519**
SSE **432 WEST 49TH ST** **NY HIST AST** **N/A**
1/8-1/4 **MANHATTAN, NY 10019**
0.219 mi.
1155 ft. **Site 6 of 10 in cluster AI**

Relative:
Higher

Actual:
45 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-161446
Program Type:	PBS

LAWRENCE TULMAN (Continued) **U003392519**

UTM X: 585249.78968000005
UTM Y: 4512970.5857699998
Expiration Date: N/A

Affiliation Records:

Site Id: 5563
Affiliation Type: Facility Owner
Company Name: LAWRENCE TULMAN
Contact Type: Not reported
Contact Name: Not reported
Address1: PO BOX 861
Address2: Not reported
City: FOREST HILLS
State: NY
Zip Code: 11375
Country Code: 001
Phone: (718) 793-6033
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 5563
Affiliation Type: Mail Contact
Company Name: LAWRENCE TULMAN
Contact Type: Not reported
Contact Name: Not reported
Address1: PO BOX 862
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10021
Country Code: 001
Phone: (718) 472-8301
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 5563
Affiliation Type: On-Site Operator
Company Name: LAWRENCE TULMAN
Contact Type: Not reported
Contact Name: LAWRENCE TULMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 793-6033
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 5563
Affiliation Type: Emergency Contact

LAWRENCE TULMAN (Continued) **U003392519**

Company Name:	LAWRENCE TULMAN
Contact Type:	Not reported
Contact Name:	LAWRENCE TULMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 793-6033
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	24777
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1080
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-161446
SWIS Code:	6201
Operator:	LAWRENCE TULMAN
Facility Phone:	(718) 793-6033
Facility Addr2:	432 WEST 49TH ST
Facility Type:	APARTMENT BUILDING
Emergency:	LAWRENCE TULMAN
Emergency Tel:	(718) 793-6033
Old PBSNO:	Not reported

LAWRENCE TULMAN (Continued) **U003392519**

Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	LAWRENCE TULMAN
Owner Address:	PO BOX 861
Owner City,St,Zip:	FOREST HILLS, NY 11375
Federal ID:	Not reported
Owner Tel:	(718) 793-6033
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	LAWRENCE TULMAN
Mailing Address:	PO BOX 862
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10021
Mailing Telephone:	(718) 472-8301
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	10/23/1987
Expiration:	10/23/1992
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	Tank Converted To Non-Regulated Use
Install Date:	Not reported
Capacity (Gal):	1080
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1996

LAWRENCE TULMAN (Continued) **U003392519**

Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

AI415 **444 WEST 49TH STREET PROPERTIES LLC** **NY AST** **A100296453**
SSE **444 WEST 49TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.219 mi.
1157 ft. **Site 7 of 10 in cluster AI**

Relative:
Higher

Actual:
45 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-608720
Program Type: PBS
UTM X: 585186.37690999999
UTM Y: 4512976.1324699996
Expiration Date: 2015/09/07

Affiliation Records:
Site Id: 30572
Affiliation Type: On-Site Operator
Company Name: TRIMAR EQUITIES INC.
Contact Type: Not reported
Contact Name: LOUIS MERCADO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 262-4762
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 30572
Affiliation Type: Emergency Contact
Company Name: 444 WEST 49TH STREET PROPERTIES LLC
Contact Type: Not reported
Contact Name: RUDOLF B-ALONZO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 971-6127
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 5/21/2010

Site Id: 30572

444 WEST 49TH STREET PROPERTIES LLC (Continued) **A100296453**

Affiliation Type:	Facility Owner
Company Name:	444 WEST 49TH STREET PROPERTIES LLC
Contact Type:	MEMBER
Contact Name:	RUDOLF B-ALONZO
Address1:	86 LUQUER RD
Address2:	Not reported
City:	MANHASSET
State:	NY
Zip Code:	11030
Country Code:	001
Phone:	(917) 971-6127
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/21/2010

Site Id:	30572
Affiliation Type:	Mail Contact
Company Name:	444 WEST 49TH STREET PROPERTIES LLC
Contact Type:	MEMBER
Contact Name:	RUDOLF B-ALONZO
Address1:	86 LUQUER RD
Address2:	Not reported
City:	MANHASSET
State:	NY
Zip Code:	11030
Country Code:	001
Phone:	(917) 971-6127
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/21/2010

Tank Info:

Tank Number:	001
Tank Id:	65564
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported

444 WEST 49TH STREET PROPERTIES LLC (Continued) **A100296453**

Install Date:	04/07/1960
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	05/21/2010

AG416 **ROYAL CARIBBEAN CRUISES LTD** **RCRA NonGen / NLR** **1001229263**
NNW **NEW YORK CITY PASSENGER TERM** **FINDS** **NYR000058016**
1/8-1/4 **NEW YORK, NY 33132** **NY MANIFEST**
0.220 mi.
1161 ft. **Site 4 of 8 in cluster AG**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	ROYAL CARIBBEAN CRUISES LTD
Facility address:	NEW YORK CITY PASSENGER TERM NEW YORK, NY 331322096
EPA ID:	NYR000058016
Mailing address:	CARIBBEAN WAY MIAMI, FL 331322096
Contact:	RICHARD S COLLINS
Contact address:	CARIBBEAN WAY MIAMI, FL 331322096
Contact country:	US
Contact telephone:	(305) 982-4849
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CITY OF NEW YORK C-O NYCEDC
Owner/operator address:	1010 WILLIAMS ST NEW YORK, NY 10038
Owner/operator country:	US
Owner/operator telephone:	(212) 312-3900
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF NEW YORK C-O NYCEDC
Owner/operator address:	1010 WILLIAMS ST NEW YORK, NY 10038
Owner/operator country:	US
Owner/operator telephone:	(212) 312-3900
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: ROYAL CARIBBEAN CRUISES LTD
Classification: Not a generator, verified

Date form received by agency: 02/19/2002
Facility name: ROYAL CARIBBEAN CRUISES LTD
Classification: Large Quantity Generator

Date form received by agency: 01/01/2001
Facility name: ROYAL CARIBBEAN CRUISES LTD
Classification: Large Quantity Generator

Date form received by agency: 07/10/1998
Facility name: ROYAL CARIBBEAN CRUISES LTD
Site name: ROYAL CARRIBEAN CRUISES LTD
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008104470

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

NY MANIFEST:
EPA ID: NYR000058016
Country: USA
Mailing Name: ROYAL CARIBBEAN CRUISES LTD
Mailing Contact: CAPT SARIANNES
Mailing Address: 1050 CARIBBEAN WAY
Mailing Address 2: Not reported

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Mailing City:	MIAMI
Mailing State:	FL
Mailing Zip:	33132
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	305-539-6772

Document ID:	NJA3251135
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	08/12/2001
Trans1 Recv Date:	08/12/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/12/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	04400
Units:	P - Pounds
Number of Containers:	011
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2001

Document ID:	NJA3251146
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	09/09/2001
Trans1 Recv Date:	09/09/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/10/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	085225
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	03600
Units:	P - Pounds
Number of Containers:	009
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2001

Document ID:	NJA3251224

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	08/26/2001
Trans1 Recv Date:	08/26/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/27/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	F005 - UNKNOWN
Quantity:	00280
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F005 - UNKNOWN
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	04000
Units:	P - Pounds
Number of Containers:	010
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2001

Document ID:	NJA3280478
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	06/03/2001
Trans1 Recv Date:	06/03/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/04/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

TSDF ID: NJDEP5016
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 04900
Units: P - Pounds
Number of Containers: 013
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3249385
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 07/08/2001
Trans1 Recv Date: 07/08/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/09/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058016
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 05680
Units: P - Pounds
Number of Containers: 015
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3249448
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 07/29/2001
Trans1 Recv Date: 07/29/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/29/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058016
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: F005 - UNKNOWN

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00800
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	03040
Units:	P - Pounds
Number of Containers:	008
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2001

Document ID:	NJA3186468
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	05/13/2001
Trans1 Recv Date:	05/13/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/13/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	F005 - UNKNOWN
Quantity:	00240
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Specific Gravity: 01.00
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 03600
Units: P - Pounds
Number of Containers: 009
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00500
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3096898
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 09/10/2000
Trans1 Recv Date: 09/10/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/11/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058016
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 02800
Units: P - Pounds
Number of Containers: 007
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA3096985
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 09/24/2000
Trans1 Recv Date: 09/24/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/25/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058016
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Quantity:	00480
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F005 - UNKNOWN
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00300
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	02400
Units:	P - Pounds
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA3096985
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	09/24/2000
Trans1 Recv Date:	09/24/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/25/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00500
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA3097208
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Trans2 State ID:	Not reported
Generator Ship Date:	05/21/2000
Trans1 Recv Date:	05/21/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/22/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA3097209
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	06/04/2000
Trans1 Recv Date:	06/04/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/05/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	02240
Units:	P - Pounds
Number of Containers:	006
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA2966430
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	08/16/1998

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Trans1 Recv Date:	08/16/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/17/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00720
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Document ID:	NJA2966519
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	09/06/1998
Trans1 Recv Date:	09/06/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/08/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00120
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00160
Units:	P - Pounds

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00040
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00050
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2966519
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 09/06/1998
Trans1 Recv Date: 09/06/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/08/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058016
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2965903
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 07/19/1998
Trans1 Recv Date: 07/19/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/20/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058016
Trans1 EPA ID: NJD980536593

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Trans2 EPA ID:	Not reported
TSDF ID:	83483
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01280
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00300
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00320
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00050
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	98

Document ID:	NJA2966857
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	10/04/1998
Trans1 Recv Date:	10/04/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/04/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Document ID:	NJA3096275
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	05/14/2000
Trans1 Recv Date:	05/14/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/15/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00640
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	01200
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA3097856
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	07/23/2000
Trans1 Recv Date:	07/23/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/23/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593

ROYAL CARIBBEAN CRUISES LTD (Continued) **1001229263**

Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00300
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	01600
Units:	P - Pounds
Number of Containers:	004
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA3096825
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	08/06/2000
Trans1 Recv Date:	08/06/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/07/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058016
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	02800
Units:	P - Pounds
Number of Containers:	007
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00450
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

Click this hyperlink while viewing on your computer to access
24 additional NY_MANIFEST: record(s) in the EDR Site Report.

AG417 **CELEBRITY CRUISES INC** **RCRA NonGen / NLR** **1001229262**
NNW **55TH ST & 12TH AVE PIER 88 B-2** **FINDS** **NYR000058008**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.220 mi.
1161 ft. **Site 5 of 8 in cluster AG**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	CELEBRITY CRUISES INC
Facility address:	55TH ST & 12TH AVE PIER 88 B-2 NYC PASSENGER SHIP TERMINAL NEW YORK, NY 10019
EPA ID:	NYR000058008
Mailing address:	CARIBBEAN WAY MIAMI, NY 33132
Contact:	ALAN FREEDMAN
Contact address:	CARIBBEAN WAY MIAMI, NY 33132
Contact country:	US
Contact telephone:	(305) 982-2733
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CITY OF NEW YORK C-O NYCEDC
Owner/operator address:	1010 WILLIAMS ST NEW YORK, NY 10038
Owner/operator country:	US
Owner/operator telephone:	(212) 312-3900
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF NEW YORK C-O NYCEDC
Owner/operator address:	1010 WILLIAMS ST NEW YORK, NY 10038
Owner/operator country:	US
Owner/operator telephone:	(212) 312-3900
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

CELEBRITY CRUISES INC (Continued) **1001229262**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: CELEBRITY CRUISES INC
Classification: Not a generator, verified

Date form received by agency: 07/10/1998
Facility name: CELEBRITY CRUISES INC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008104461

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYR000058008
Country: USA
Mailing Name: CELEBRITY CRUISES INC
Mailing Contact: PETER BARRETTO
Mailing Address: 1050 CARIBBEAN WAY
Mailing Address 2: Not reported
Mailing City: MIAMI
Mailing State: FL
Mailing Zip: 33132
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 305-982-2733

Document ID: NJA3280311
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 04/28/2001
Trans1 Recv Date: 04/28/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/30/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported

CELEBRITY CRUISES INC (Continued) **1001229262**

TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00960
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3249342
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 06/16/2001
Trans1 Recv Date: 06/16/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/16/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001

CELEBRITY CRUISES INC (Continued) **1001229262**

Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00240
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3249342
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 06/16/2001
Trans1 Recv Date: 06/16/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/16/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00300
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00250
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2001

Document ID: NJA3249126
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 05/12/2001
Trans1 Recv Date: 05/12/2001

CELEBRITY CRUISES INC (Continued) **1001229262**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/14/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058008
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	F005 - UNKNOWN
Quantity:	00300
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00240
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00075
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2001

Document ID:	NJA3186788
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	11/04/2000
Trans1 Recv Date:	11/04/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/06/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058008
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001

CELEBRITY CRUISES INC (Continued) **1001229262**

Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA3096353
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 04/22/2000
Trans1 Recv Date: 04/22/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/24/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00320
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00080
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA3096895
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 09/02/2000
Trans1 Recv Date: 09/02/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/05/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.

CELEBRITY CRUISES INC (Continued) **1001229262**

Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00100
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00100
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00075
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA3097343
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 05/20/2000
Trans1 Recv Date: 05/20/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/20/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2000

Document ID: NJA2967140

CELEBRITY CRUISES INC (Continued) **1001229262**

Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	10/25/1998
Trans1 Recv Date:	10/25/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/26/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058008
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	NJA2967195
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	10/17/1998
Trans1 Recv Date:	10/17/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/17/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058008
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00450
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.

CELEBRITY CRUISES INC (Continued) **1001229262**

Specific Gravity: 01.00
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00240
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 01200
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2967195
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 10/17/1998
Trans1 Recv Date: 10/17/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/17/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00050
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2966503
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 08/09/1998
Trans1 Recv Date: 08/09/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/09/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES

CELEBRITY CRUISES INC (Continued) **1001229262**

Quantity: 00270
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00270
Units: P - Pounds
Number of Containers: 004
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2966439
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 07/26/1998
Trans1 Recv Date: 07/26/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/27/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00120
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00240
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00200
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00240
Units: P - Pounds
Number of Containers: 004
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.

CELEBRITY CRUISES INC (Continued) **1001229262**

Specific Gravity: 01.00
Year: 98

Document ID: NJA2966439
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 07/26/1998
Trans1 Recv Date: 07/26/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/27/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00240
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2966518
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 09/06/1998
Trans1 Recv Date: 09/06/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/08/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00180
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00200
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES

CELEBRITY CRUISES INC (Continued) **1001229262**

Quantity: 00800
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00200
Units: P - Pounds
Number of Containers: 005
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2966518
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 09/06/1998
Trans1 Recv Date: 09/06/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/08/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00480
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2966535
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 08/23/1998
Trans1 Recv Date: 08/23/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/24/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00050
Units: P - Pounds

CELEBRITY CRUISES INC (Continued) **1001229262**

Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2966545
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 08/22/1998
Trans1 Recv Date: 08/22/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/24/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593
Trans2 EPA ID: Not reported
TSDF ID: NJDEP5016
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00120
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 01000
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 98

Document ID: NJA2965937
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 07/18/1998
Trans1 Recv Date: 07/18/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/20/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000058008
Trans1 EPA ID: NJD980536593

CELEBRITY CRUISES INC (Continued) **1001229262**

Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00150
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00020
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00750
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00225
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	98

Document ID:	NJA2965937
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	07/18/1998
Trans1 Recv Date:	07/18/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/20/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000058008
Trans1 EPA ID:	NJD980536593
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP5016
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00225
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	98

CELEBRITY CRUISES INC (Continued) **1001229262**

Click this hyperlink while viewing on your computer to access
15 additional NY_MANIFEST: record(s) in the EDR Site Report.

AO418 **409 WEST 54TH STREET** **NY AST** **U003384176**
East **409 WEST 54TH STREET** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.220 mi.
1162 ft. **Site 4 of 20 in cluster AO**

Relative:
Higher

Actual:
60 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-084557
Program Type:	PBS
UTM X:	585498.89693000005
UTM Y:	4513300.41359
Expiration Date:	2017/03/24

Affiliation Records:

Site Id:	1969
Affiliation Type:	On-Site Operator
Company Name:	409 WEST 54TH STREET
Contact Type:	Not reported
Contact Name:	SULEJMAN PALLOSHI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 247-0401
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	1969
Affiliation Type:	Emergency Contact
Company Name:	54 C F OPERATING CORP
Contact Type:	Not reported
Contact Name:	SEYMOUR FRANK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 849-7600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	1969
Affiliation Type:	Facility Owner
Company Name:	54 C F OPERATING CORP

409 WEST 54TH STREET (Continued) **U003384176**

Contact Type:	SECRETARY
Contact Name:	DANIEL FRANK
Address1:	114-04 ATLANTIC AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11419
Country Code:	001
Phone:	(718) 849-7600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	1/6/2012

Site Id:	1969
Affiliation Type:	Mail Contact
Company Name:	54 C F OPERATING CORP
Contact Type:	SECRETARY
Contact Name:	DANIEL FRANK
Address1:	114-04 ATLANTIC AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11419
Country Code:	001
Phone:	(718) 849-7600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	1/6/2012

Tank Info:

Tank Number:	001
Tank Id:	3216
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1910
Capacity Gallons:	3500
Tightness Test Method:	NN

409 WEST 54TH STREET (Continued) **U003384176**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	01/30/2007

HIST AST:

PBS Number:	2-084557
SWIS Code:	6201
Operator:	SULEJMAN PALLOSHI
Facility Phone:	(212) 247-0401
Facility Addr2:	409 WEST 54TH STREET
Facility Type:	APARTMENT BUILDING
Emergency:	SEYMOUR FRANK
Emergency Tel:	(718) 849-7600
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	54 C F OPERATING CORP
Owner Address:	114-04 ATLANTIC AVENUE
Owner City,St,Zip:	JAMAICA, NY 11419
Federal ID:	Not reported
Owner Tel:	(718) 849-7600
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	54 C F OPERATING CORP
Mailing Address:	114-04 ATLANTIC AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	JAMAICA, NY 11419
Mailing Telephone:	(718) 849-7600
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	12/07/2001
Expiration:	03/24/2007
Renew Flag:	False
Renew Date:	20011113
Total Capacity:	3500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service

409 WEST 54TH STREET (Continued) **U003384176**

Install Date:	Not reported
Capacity (Gal):	3500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AI419 **443 WEST 49TH STREET** **NY AST** **U003383773**
SSE **443 WEST 49TH STREET** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.220 mi.
1163 ft. **Site 8 of 10 in cluster AI**

Relative:
Higher

Actual:
46 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-062510
Program Type:	PBS
UTM X:	585231.02758999995
UTM Y:	4512994.4611799996
Expiration Date:	2017/02/05

Affiliation Records:

Site Id:	1182
Affiliation Type:	Facility Owner
Company Name:	HESNOR REALTY ASSOCIATES LLC
Contact Type:	MEMBER/MANAGING AGENT
Contact Name:	JONATHAN HOCHHAUSER
Address1:	441 WEST 49TH STREET, REAR BLDG.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 757-2160
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/22/2006

443 WEST 49TH STREET (Continued) **U003383773**

Site Id:	1182
Affiliation Type:	Mail Contact
Company Name:	HESNOR REALTY LLC
Contact Type:	Not reported
Contact Name:	JONATHAN HOCHHAUSER
Address1:	441 WEST 49TH STREET, REAR BLDG.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 757-2160
EMail:	JONHOCH@GMAIL.COM
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/10/2011

Site Id:	1182
Affiliation Type:	On-Site Operator
Company Name:	443 WEST 49TH STREET
Contact Type:	Not reported
Contact Name:	GILBERT PEREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 816-3628
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/10/2011

Site Id:	1182
Affiliation Type:	Emergency Contact
Company Name:	HESNOR REALTY ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	GILBERT PEREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 816-3628
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/10/2011

Tank Info:

Tank Number:	001
Tank Id:	2213
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

443 WEST 49TH STREET (Continued) **U003383773**

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1955
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/10/2011

HIST AST:

PBS Number:	2-062510
SWIS Code:	6201
Operator:	I. CRUZ
Facility Phone:	(212) 307-5881
Facility Addr2:	443 WEST 49TH STREET
Facility Type:	APARTMENT BUILDING
Emergency:	STANLEY HOCHHAUSER
Emergency Tel:	(212) 757-2160
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	HESNOR REALTY ASSOCIATES LLC
Owner Address:	441 WEST 49TH STREET, REAR BLDG.
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 757-2160
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	HESNOR REALTY LLC
Mailing Address:	441 WEST 49TH STREET, REAR BLDG.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 757-2160
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist

443 WEST 49TH STREET (Continued) **U003383773**

	or not at the facility.
Certification Flag:	False
Certification Date:	11/23/2001
Expiration:	02/05/2007
Renew Flag:	False
Renew Date:	20011030
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AH420 **EDR US Hist Cleaners** **1015089048**
South **703 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.221 mi.
1166 ft. **Site 8 of 10 in cluster AH**

Relative:
Higher

Actual:
33 ft.

EDR Historical Cleaners:

Name:	WASHLAND
Year:	2008
Address:	703 10TH AVE
Name:	WASHLAND
Year:	2009

(Continued) **1015089048**

Address: 703 10TH AVE

Name: BERNARDOS DRY CLEANING
Year: 2010
Address: 703 10TH AVE

Name: WASHLAND
Year: 2010
Address: 703 10TH AVE

Name: WASHLAND
Year: 2011
Address: 703 10TH AVE

Name: WASHLAND
Year: 2012
Address: 703 10TH AVE

AN421 **CON EDISON** **RCRA-CESQG** **1012185645**
SE **406 W 51 ST** **NYP004164786**
1/8-1/4 **NEW YORK, NY 10019**
0.221 mi.
1168 ft. **Site 3 of 15 in cluster AN**

Relative:
Higher

Actual:
52 ft.

RCRA-CESQG:
Date form received by agency: 03/26/2009
Facility name: CON EDISON
Facility address: 406 W 51 ST
NEW YORK, NY 10019
EPA ID: NYP004164786
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: MICHAEL BETO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (917) 337-5519
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No

CON EDISON (Continued) **1012185645**

Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

AN422 **CONSOLIDATED EDISON** **NY MANIFEST** **S109584120**
SE **406 W. 51 ST STREET** **N/A**
1/8-1/4 **NEW YORK, NY**
0.221 mi.
1168 ft. **Site 4 of 15 in cluster AN**

Relative:
Higher

Actual:
52 ft.

NY MANIFEST:

EPA ID:	NYP004164786
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-03-26
Trans1 Recv Date:	2009-03-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004164786
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	200.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0

CONSOLIDATED EDISON (Continued) **S109584120**

Year:	2009
Manifest Tracking Num:	001028019JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-03-26
Trans1 Recv Date:	2009-03-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004164786
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	200.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001028019JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-03-26
Trans1 Recv Date:	2009-03-26

CONSOLIDATED EDISON (Continued) **S109584120**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004164786
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	200.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001028019JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-03-26
Trans1 Recv Date:	2009-03-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004164786
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	200.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001028019JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

CONSOLIDATED EDISON (Continued) **S109584120**

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

AR423 **CON EDISION - V0688** **RCRA NonGen / NLR** **1007208534**
WNW **98 EAST 52ND ST. 98 EAST 52ND** **NY MANIFEST** **NYP004092011**
1/8-1/4 **NEW YORK, NY 10003**
0.221 mi.
1168 ft. **Site 2 of 2 in cluster AR**

Relative:
Lower

Actual:
9 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/02/2002
Facility name: CON EDISION - V0688
Facility address: 98 EAST 52ND ST. 98 EAST 52ND
NEW YORK, NY 10003
EPA ID: NYP004092011
Mailing address: IRVING PLACE
NEW YORK, NY 10003
Contact: ANTHONY DRUMMINGS
Contact address: IRVING PLACE
NEW YORK, NY 10003
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/01/2002
Facility name: CON EDISION - V0688
Classification: Not a generator, verified

Date form received by agency: 05/31/2002
Facility name: CON EDISION - V0688
Classification: Large Quantity Generator

CON EDISION - V0688 (Continued) **1007208534**

Violation Status: No violations found

NY MANIFEST:

EPA ID:	NYP004092011
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0620676
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	11/08/2001
Trans1 Recv Date:	11/08/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/09/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004092011
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	SM1708
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	02282
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

AQ424 **VERIZON NEW YORK INC** **NY MANIFEST** **S109065113**
SW **605 W 48** **N/A**
1/8-1/4 **NEW YORK, NY 10016**
0.221 mi.
1169 ft. **Site 4 of 17 in cluster AQ**

Relative:
Lower

Actual:
20 ft.

NY MANIFEST:

EPA ID:	NYP000952242
Country:	USA
Mailing Name:	VERIZON NEW YORK INC
Mailing Contact:	Not reported
Mailing Address:	Not reported
Mailing Address 2:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Zip4:	Not reported
Mailing Country:	Not reported

VERIZON NEW YORK INC (Continued) **S109065113**

Mailing Phone: Not reported

NY MANIFEST:
No Manifest Records Available

AP425 **CON EDISON** **NY MANIFEST** **S112817675**
NE **878 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.221 mi.
1169 ft. **Site 7 of 10 in cluster AP**

Relative:
Higher

Actual:
62 ft.

NY MANIFEST:

EPA ID:	NYP004275822
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

NY MANIFEST:
No Manifest Records Available

AQ426 **ADVANCED CONTRACTING CORP** **NY UST** **U001839188**
SW **605 WEST 48TH STREET** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.222 mi.
1172 ft. **Site 5 of 17 in cluster AQ**

Relative:
Lower

Actual:
19 ft.

UST:

Id/Status:	2-309680 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	584800.64546999999
UTM Y:	4513136.7319599995

Affiliation Records:

Site Id:	14127
Affiliation Type:	Emergency Contact
Company Name:	JOSEPH P DONNOLO C/O ADVANCED CONTRACTING CORP
Contact Type:	Not reported
Contact Name:	EUGENE SKOWRONSKI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 859-4585

ADVANCED CONTRACTING CORP (Continued) **U001839188**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14127
Affiliation Type:	Facility Owner
Company Name:	JOSEPH P DONNOLO C/O ADVANCED CONTRACTING CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	605 WEST 48TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(908) 233-1560
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14127
Affiliation Type:	Mail Contact
Company Name:	ADVANCED CONT. CORPORATION
Contact Type:	Not reported
Contact Name:	JOSEPH DONNOLO
Address1:	605 WEST 48TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 691-3200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14127
Affiliation Type:	On-Site Operator
Company Name:	ADVANCED CONTRACTING CORP
Contact Type:	Not reported
Contact Name:	EUGENE SKOWRONSKI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 691-3200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

ADVANCED CONTRACTING CORP (Continued) **U001839188**

Tank Info:

Tank Number:	005
Tank ID:	30587
Tank Status:	Closed - Removed
Capacity Gallons:	2000
Install Date:	03/01/1980
Date Tank Closed:	02/10/2006
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	02/04/2001
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	02/06/2008

Equipment Records:

I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B07 - Tank External Protection - Retrofitted Sacrificial Anode
H00 - Tank Leak Detection - None

Tank Number:	006
Tank ID:	30586
Tank Status:	Closed - Removed
Capacity Gallons:	2000
Install Date:	03/01/1980
Date Tank Closed:	02/10/2006
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	02/04/2001
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	02/06/2008

Equipment Records:

I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None

ADVANCED CONTRACTING CORP (Continued) **U001839188**

D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B07 - Tank External Protection - Retrofitted Sacrificial Anode
H00 - Tank Leak Detection - None

HIST UST:

PBS Number:	2-309680
SPDES Number:	Not reported
Emergency Contact:	EUGENE SKOWRONSKI
Emergency Telephone:	(917) 859-4585
Operator:	EUGENE SKOWRONSKI
Operator Telephone:	(212) 691-3200
Owner Name:	JOSEPH P DONNOLO C/O ADVANCED CONTRACTING CORP
Owner Address:	605 WEST 48TH ST
Owner City,St,Zip:	NEW YORK, NY 10036
Owner Telephone:	(908) 233-1560
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	ADVANCED CONT. CORPORATION
Mailing Address:	605 WEST 48TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10036
Mailing Contact:	JOSEPH DONNOLO
Mailing Telephone:	(212) 691-3200
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	605 WEST 48TH STREET
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/14/2000
Expiration Date:	02/03/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19800301

ADVANCED CONTRACTING CORP (Continued) **U001839188**

Capacity (gals):	2000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Sacrificial Anode
Pipe Location:	None
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	05/23/2000
Next Test Date:	05/23/2005
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19800301
Capacity (gals):	2000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Sacrificial Anode
Pipe Location:	None
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	05/23/2000
Next Test Date:	05/23/2005
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

AQ427 **ATC MANAGEMENT** **NY LTANKS** **S107417116**
SW **605 WEST 48TH ST** **N/A**
1/8-1/4 **MANHATTAN, NY 10036**
0.222 mi.
1172 ft. **Site 6 of 17 in cluster AQ**

Relative:
Lower

Actual:
19 ft.

LTANKS:

Site ID:	354734
Spill Number/Closed Date:	0509022 / 3/17/2006
Spill Date:	10/27/2005
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	10/27/2005
CID:	409
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/27/2005
Spill Record Last Update:	3/29/2006
Spiller Name:	JOE BERNADI
Spiller Company:	ATC MANAGEMENT
Spiller Address:	605 WEST 48TH ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	JOE BERNADI
Spiller Phone:	(917) 337-1702
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	304748
DEC Memo:	need to send a TTF letter11/7/05 - Raphael Ketani. I am sending a TTF letter today regarding the site. I will send one copy to Angela Donnolo, ATC Management, 1501 Broadway, NY, 10036, and one to 605 West 48 Street, LLC. Nov. 7, 2005A "Tank Test Failure Letter" was sent to:Joseph DounoloAdvanced Cout. Corporation605 West 48th St.New york, NY 1003612/1/05 - Raphael Ketani. Letter received from Thomas Leddy, President of Pro Test ((718) 815-6292. Piping is disconnected from the two tanks. Tanks are partially excavated. Studying feasibility of removing the tanks or bioremediation of soil around and under tanks.12/21/05 - Raphael Ketani. I spoke to Mr. Leddy and he said that one tank was pumped out, but the other is still leaking into the sub-basement. Nothing has happened at the site, as far as he knows, and he doesn't know if another contractor was hired to cleanup the site. 1/4/06 - Raphael Ketani. I spoke to Mr. Joe Bernotas of ATC Management ((917) 337-1702). He is not the owner, but works for the owner. He said that the tanks are out of the ground and empty, but he is waiting for the environmental company to clean out the tanks and get rid of them. 2/8/06 - Raphael Ketani. Jerry Tiss of JLC ((212) 420-8119/ (917) 617-3894) called me to say that they removed the tanks. He said that the problem was a leaking fill line. I told him

ATC MANAGEMENT (Continued) **S107417116**

all of the contaminated soil has to be removed. He asked whether the soil under the sidewalk had to be removed. I told him "yes." He said he couldn't get too close to a neighboring building to get more contaminated soil as the wall is brick. I told him I would need an engineers letter telling me that he can't go any further. He said he would get it. Mr. Tiss said that he will take 2 end-point samples after removing the contaminated soil. I told him to send me the results. He said he would. 2/13/06 - Raphael Ketani. I received a FAX from Mr. Tiss. The letter discusses whether there is a need to remove more soil, but doesn't address safety, structural integrity issues. The letter states that the site has been satisfactorily remediated, pending the results of samples that were sent to the lab.2/15/06 - Raphael Ketani. I received a revised 2/10/06 letter from Mr. Tiss of JLC. It states that they can't go any further without damage to the foundation and structural elements. 3/2/06 - Raphael Ketani. I tried to call Mr. Tiss, but could only leave a message.3/15/06 - Raphael Ketani. I spoke to Mr. Tiss today. I asked him what is happening on the site. He said that they filled in the pit and have received the analytical soil results. I asked him to send the results. 3/16/06 - Raphael Ketani. I received the soil analytical results today. 3/17/06 - Raphael Ketani. I reviewed the soil analytical results and found them as either non-detect or a few SVOCs that were just above TAGM. In light of the received documentation and the engineer's letter, I am closing the case.3/29/06 - Raphael Ketani. Mr. Bernotas of ATC Management called to request an NFA letter. I told him I will send one out for the site.

Remarks: no remarks.

Material:

Site ID:	354734
Operable Unit ID:	1112126
Operable Unit:	01
Material ID:	2102166
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	354734
Spill Tank Test:	1549461
Tank Number:	1
Tank Size:	550
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	10/27/2005
Test Method:	Horner EZ Check I or II
Site ID:	354734
Spill Tank Test:	1549462

ATC MANAGEMENT (Continued) **S107417116**

Tank Number:	2
Tank Size:	550
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	10/27/2005
Test Method:	Horner EZ Check I or II

AP428 **CON EDISON** **NY MANIFEST** **S112817674**
NE **877 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.223 mi.
1175 ft. **Site 8 of 10 in cluster AP**

Relative:
Higher

Actual:
62 ft.

NY MANIFEST:

EPA ID:	NYP004275814
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

NY MANIFEST:
No Manifest Records Available

AF429 **EDR US Hist Auto Stat** **1015567935**
North **600 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.223 mi.
1175 ft. **Site 7 of 24 in cluster AF**

Relative:
Higher

Actual:
25 ft.

EDR Historical Auto Stations:

Name:	SERVICE AUTO REPAIR & TOWING INC
Year:	2007
Address:	600 W 57TH ST

AO430 **419-421 W 55TH ST** **NY HIST UST** **U003800389**
East **419-421 WEST 55TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.223 mi.
1178 ft. **Site 5 of 20 in cluster AO**

Relative:
Higher

Actual:
66 ft.

HIST UST:

PBS Number:	2-606398
SPDES Number:	Not reported
Emergency Contact:	ORLANDO PEREZ

419-421 W 55TH ST (Continued) **U003800389**

Emergency Telephone:	(201) 451-4000
Operator:	ORLANDO PEREZ
Operator Telephone:	(201) 451-4000
Owner Name:	419-421 WEST 55TH STREET BUILDING OWNERS LLC
Owner Address:	111 TOMAS MCGOVERN DRIVE
Owner City,St,Zip:	JERSEY CITY, NJ 07305
Owner Telephone:	(201) 451-4000
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	419 WEST 55TH STREET
Mailing Address:	BUILDING OWNERS LLC
Mailing Address 2:	111 THOMAS MCGOVERN DRIVE
Mailing City,St,Zip:	JERSEY CITY, NJ 07305
Mailing Contact:	MS. DIANE DREY
Mailing Telephone:	(201) 451-4000
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/20/2001
Expiration Date:	07/17/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Wrapped (Piping)
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)

419-421 W 55TH ST (Continued) **U003800389**

Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AG431 **YONKERS CONTRACTING CO.; INC.** **NY SWF/LF** **S105841935**
NNW **55TH STREET & 12TH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.223 mi.
1179 ft. **Site 6 of 8 in cluster AG**

Relative:
Lower

Actual:
13 ft.

SWF/LF:

Flag:	INACTIVE
Region Code:	2
Phone Number:	9149651500
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	WALTER SOKOLICH
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[31W20]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported

AF432 **FORMER POTAMKIN SHOWROOM** **NY UST** **U000403303**
North **601-615 WEST 57TH STREET** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019** **NY AST**
0.224 mi.
1184 ft. **Site 8 of 24 in cluster AF**

Relative:
Higher

Actual:
25 ft.

UST:

Id/Status:	2-290629 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585149.18680000002
UTM Y:	4513768.9968999997

Affiliation Records:

Site Id:	13142
Affiliation Type:	Facility Owner
Company Name:	DURST DEVELOPMENT LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1155 AVENUE OF THE AMERICAS
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 789-1181
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13142
Affiliation Type:	Mail Contact
Company Name:	ATC ASSOCIATES, INC.
Contact Type:	Not reported
Contact Name:	LEVERT ESKICAKIT
Address1:	104 EAST 25TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10010
Country Code:	001
Phone:	(212) 353-8280
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13142
Affiliation Type:	On-Site Operator
Company Name:	FORMER POTAMKIN SHOWROOM
Contact Type:	Not reported
Contact Name:	POTAMKIN TOYOTA INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

FORMER POTAMKIN SHOWROOM (Continued) **U000403303**

Country Code:	001
Phone:	(212) 399-9600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13142
Affiliation Type:	Emergency Contact
Company Name:	DURST DEVELOPMENT LLC
Contact Type:	Not reported
Contact Name:	JOHN CAPUTO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 399-9600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	0002
Tank ID:	66271
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	04/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

I00 - Overfill - None
F00 - Pipe External Protection - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)

FORMER POTAMKIN SHOWROOM (Continued) **U000403303**

Tank Number:	0003
Tank ID:	66272
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	04/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

I00 - Overfill - None
F00 - Pipe External Protection - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)

HIST UST:

PBS Number:	2-290629
SPDES Number:	Not reported
Emergency Contact:	JOHN CAPUTO
Emergency Telephone:	(212) 399-9600
Operator:	POTAMKIN TOYOTA INC
Operator Telephone:	(212) 399-9600
Owner Name:	BK AS TRST E GEZELSCHAP
Owner Address:	POTAMKIN TOYOA INC 601 W 57 ST
Owner City,St,Zip:	NY, NY 10019
Owner Telephone:	(212) 399-9600
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	BK AS TRST E GEZELSCHAP
Mailing Address:	POTAMKIN TOYOA INC 601 W 57 ST
Mailing Address 2:	601 WEST 57TH STREET
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	G.S.LOUBE V.PRES.NY TOY
Mailing Telephone:	(212) 399-9600
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	601 WEST 57 ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER

FORMER POTAMKIN SHOWROOM (Continued) **U000403303**

Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/05/1997
Expiration Date:	08/24/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-290629
Program Type:	PBS
UTM X:	585149.18680000002
UTM Y:	4513768.9968999997
Expiration Date:	N/A

FORMER POTAMKIN SHOWROOM (Continued) **U000403303**

Affiliation Records:

Site Id:	13142
Affiliation Type:	Facility Owner
Company Name:	DURST DEVELOPMENT LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1155 AVENUE OF THE AMERICAS
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 789-1181
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13142
Affiliation Type:	Mail Contact
Company Name:	ATC ASSOCIATES, INC.
Contact Type:	Not reported
Contact Name:	LEVERT ESKICAKIT
Address1:	104 EAST 25TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10010
Country Code:	001
Phone:	(212) 353-8280
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13142
Affiliation Type:	On-Site Operator
Company Name:	FORMER POTAMKIN SHOWROOM
Contact Type:	Not reported
Contact Name:	POTAMKIN TOYOTA INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 399-9600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13142
Affiliation Type:	Emergency Contact
Company Name:	DURST DEVELOPMENT LLC
Contact Type:	Not reported
Contact Name:	JOHN CAPUTO

FORMER POTAMKIN SHOWROOM (Continued) **U000403303**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 399-9600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	18994
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/2002
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

AF433 **THE HELENA** **NY AST** **A100300293**
North **601 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.224 mi.
1184 ft. **Site 9 of 24 in cluster AF**

Relative:
Higher

Actual:
25 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610355
Program Type:	PBS
UTM X:	585114.91813999997
UTM Y:	4513758.3505499996

THE HELENA (Continued) **A100300293**

Expiration Date: 2016/10/10

Affiliation Records:

Site Id: 370909
Affiliation Type: Facility Owner
Company Name: THE HELENA ASSOC C/O THE DURST FETNER
Contact Type: VICE PRESIDENT
Contact Name: DANIELA LUCCHETTO
Address1: ONE BRYANT PARK 48TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10036
Country Code: 001
Phone: (212) 257-6600
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 3/27/2012

Site Id: 370909
Affiliation Type: Mail Contact
Company Name: THE DURST ORGANIZATION
Contact Type: Not reported
Contact Name: LOUIS ESPOSITO
Address1: ONE BRYANT PARK 48TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10036
Country Code: 001
Phone: (212) 427-9700
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 3/27/2012

Site Id: 370909
Affiliation Type: On-Site Operator
Company Name: THE HELENA
Contact Type: Not reported
Contact Name: ED GILIC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 397-3763
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 3/27/2012

Site Id: 370909
Affiliation Type: Emergency Contact
Company Name: THE HELENA ASSOC C/O THE DURST FETNER
Contact Type: Not reported

THE HELENA (Continued) **A100300293**

Contact Name:	ED GILIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 895-0772
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	3/27/2012

Tank Info:

Tank Number:	02
Tank Id:	213736
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
K00 - Spill Prevention - None
E04 - Piping Secondary Containment - Double-Walled (Underground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/30/2006
Capacity Gallons:	1080
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	10/10/2006

Tank Number:	03
Tank Id:	213737
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

THE HELENA (Continued) **A100300293**

Equipment Records:

C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
K00 - Spill Prevention - None
E04 - Piping Secondary Containment - Double-Walled (Underground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/30/2006
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	10/10/2006

AF434 **MID BLOCK #57 PROJECT** **RCRA NonGen / NLR** **1005417354**
North **625 W 57TH ST** **FINDS** **NYR000104802**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.224 mi.
1184 ft. **Site 10 of 24 in cluster AF**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/24/2013
Facility name:	MID BLOCK #57 PROJECT
Facility address:	625 W 57TH ST NEW YORK, NY 10019
EPA ID:	NYR000104802
Mailing address:	DURST PYRAMID LLC 1 BRYANT PARK NEW YORK, NY 10036
Contact:	JEFF JERMAN
Contact address:	DURST PYRAMID LLC 1 BRYANT PARK NEW YORK, NY 10036
Contact country:	US
Contact telephone:	(212) 257-6561
Contact email:	JJERMAN@DURST.ORG
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DURST PYRAMID LLC

MID BLOCK #57 PROJECT (Continued) **1005417354**

Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/10/2012
Owner/Op end date: Not reported

Owner/operator name: FOUR PLUS CORPORATION - SEE BOX 13
Owner/operator address: HAMPSTEAD HIGH ST SUITE 300
MONTGOMERY, AL 36116
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/15/1936
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/20/2012
Facility name: MID BLOCK #57 PROJECT
Classification: Large Quantity Generator

Date form received by agency: 01/01/2007
Facility name: MID BLOCK #57 PROJECT
Site name: DURST ORG - WEST 57TH STREET SITE
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Facility name: MID BLOCK #57 PROJECT
Site name: DURST ORG - WEST 57TH STREET SITE
Classification: Not a generator, verified

Date form received by agency: 03/25/2002
Facility name: MID BLOCK #57 PROJECT
Site name: DURST ORG - WEST 57TH STREET SITE
Classification: Large Quantity Generator

MID BLOCK #57 PROJECT (Continued) **1005417354**

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110012216565

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYR000104802
Country: USA
Mailing Name: DURST DEVELOPMENT
Mailing Contact: RUSSEL COHEN
Mailing Address: 631-649 57TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: N/S

Document ID: NYG3296079
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: Not reported
Generator Ship Date: 03/26/2002
Trans1 Recv Date: 03/26/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/01/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000104802
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: 1A378
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00440
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2002

MID BLOCK #57 PROJECT (Continued) **1005417354**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	54680.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104808JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	53500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0

MID BLOCK #57 PROJECT (Continued) **1005417354**

Year:	2012
Manifest Tracking Num:	008104809JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	51500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104810JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07

MID BLOCK #57 PROJECT (Continued) **1005417354**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	52720.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104811JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	52340.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104812JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N

MID BLOCK #57 PROJECT (Continued) **1005417354**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	47680.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104813JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported

MID BLOCK #57 PROJECT (Continued) **1005417354**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	54920.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104814JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	59340.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104815JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

MID BLOCK #57 PROJECT (Continued) **1005417354**

Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000363820
Trans2 State ID: Not reported
Generator Ship Date: 2012-08-07
Trans1 Recv Date: 2012-08-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-08-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000104802
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 55820.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 008104816JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000363820
Trans2 State ID: Not reported
Generator Ship Date: 2012-08-07
Trans1 Recv Date: 2012-08-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-08-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000104802
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 52240.0
Units: P - Pounds
Number of Containers: 1.0

MID BLOCK #57 PROJECT (Continued) **1005417354**

Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104817JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	58860.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104818JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820

MID BLOCK #57 PROJECT (Continued) **1005417354**

Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	49160.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104819JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	47640.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104820JJK
Import Ind:	N

MID BLOCK #57 PROJECT (Continued) **1005417354**

Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	49920.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104821JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported

MID BLOCK #57 PROJECT (Continued) **1005417354**

Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	50860.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104822JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	49260.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104823JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N

MID BLOCK #57 PROJECT (Continued) **1005417354**

Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	48960.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104824JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported

MID BLOCK #57 PROJECT (Continued) **1005417354**

Quantity:	51020.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104825JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000363820
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-07
Trans1 Recv Date:	2012-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	51560.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008104826JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

MID BLOCK #57 PROJECT (Continued) **1005417354**

Click this hyperlink while viewing on your computer to access
565 additional NY_MANIFEST: record(s) in the EDR Site Report.

AF435 **POTAMKIN TOYOTA** **RCRA NonGen / NLR** **1000149843**
North **601 W 57TH ST** **FINDS** **NYD981481823**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.224 mi. **US AIRS**
1184 ft. **Site 11 of 24 in cluster AF**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	POTAMKIN TOYOTA
Facility address:	601 W 57TH ST NEW YORK, NY 10019
EPA ID:	NYD981481823
Mailing address:	W 57TH ST NEW YORK, NY 10019
Contact:	Not reported
Contact address:	W 57TH ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JAMES BOTSACOS
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JAMES BOTSACOS
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

POTAMKIN TOYOTA (Continued) **1000149843**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: POTAMKIN TOYOTA
Classification: Not a generator, verified

Date form received by agency: 07/14/1999
Facility name: POTAMKIN TOYOTA
Classification: Small Quantity Generator

Date form received by agency: 04/29/1986
Facility name: POTAMKIN TOYOTA
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 01/27/1987
Date achieved compliance: 01/28/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/27/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 01/27/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 01/28/1987
Evaluation lead agency: State

FINDS:

Registry ID: 110001595550

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants.

POTAMKIN TOYOTA (Continued) **1000149843**

AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

NY MANIFEST:

EPA ID:	NYD981481823
Country:	USA
Mailing Name:	POTAMKIN TOYOTA INCORPORATED
Mailing Contact:	POTAMKIN TOYOTA INCORPORATED
Mailing Address:	58TH STREET & 12TH AVENUE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-399-9600

Document ID:	NJA2094293
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950508
Trans1 Recv Date:	950508
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950508
Part A Recv Date:	950517
Part B Recv Date:	950519
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

POTAMKIN TOYOTA (Continued) **1000149843**

Document ID:	NJA2063904
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950228
Trans1 Recv Date:	950228
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950228
Part A Recv Date:	950313
Part B Recv Date:	950309
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA0223255
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	860730
Trans1 Recv Date:	860730
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860731
Part A Recv Date:	860807
Part B Recv Date:	860814
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00260
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0197798
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC

POTAMKIN TOYOTA (Continued) **1000149843**

Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	860509
Trans1 Recv Date:	860509
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860509
Part A Recv Date:	860808
Part B Recv Date:	860721
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00260
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0228238
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS-86
Trans2 State ID:	Not reported
Generator Ship Date:	860826
Trans1 Recv Date:	860826
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860826
Part A Recv Date:	860903
Part B Recv Date:	860903
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00220
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

POTAMKIN TOYOTA (Continued) **1000149843**

Year: 86

Document ID: NJA0215110
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 860703
Trans1 Recv Date: 860703
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860703
Part A Recv Date: 860721
Part B Recv Date: 860724
Generator EPA ID: NYD981481823
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00260
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NJA0203570
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 860603
Trans1 Recv Date: 860603
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860603
Part A Recv Date: 860808
Part B Recv Date: 860721
Generator EPA ID: NYD981481823
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00170
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

POTAMKIN TOYOTA (Continued) **1000149843**

Document ID:	MNA5022943
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	Not reported
Generator Ship Date:	860925
Trans1 Recv Date:	860925
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860925
Part A Recv Date:	861007
Part B Recv Date:	861007
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	NJD000768093
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00260
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA2150396
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950420
Trans1 Recv Date:	950420
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950420
Part A Recv Date:	950428
Part B Recv Date:	950505
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00034
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2253106
Manifest Status:	Completed copy

POTAMKIN TOYOTA (Continued) **1000149843**

Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	951031
Trans1 Recv Date:	951031
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951031
Part A Recv Date:	960119
Part B Recv Date:	951122
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2208030
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	951003
Trans1 Recv Date:	951003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951003
Part A Recv Date:	951023
Part B Recv Date:	951020
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00004
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00017
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2233663
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported

POTAMKIN TOYOTA (Continued) **1000149843**

Generator Ship Date:	951229
Trans1 Recv Date:	951229
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951229
Part A Recv Date:	960119
Part B Recv Date:	960112
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2550361
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	960828
Trans1 Recv Date:	960828
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960828
Part A Recv Date:	Not reported
Part B Recv Date:	960924
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	96

Document ID:	NJA2148210
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950810
Trans1 Recv Date:	950810
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950810
Part A Recv Date:	950901
Part B Recv Date:	950901
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported

POTAMKIN TOYOTA (Continued) **1000149843**

TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00004
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2548316
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	960415
Trans1 Recv Date:	960415
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960415
Part A Recv Date:	Not reported
Part B Recv Date:	960426
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	96

Document ID:	NJA2696968
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	960926
Trans1 Recv Date:	960926
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960926
Part A Recv Date:	Not reported
Part B Recv Date:	961028
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	96

POTAMKIN TOYOTA (Continued) **1000149843**

Document ID:	NJA2698765
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	961003
Trans1 Recv Date:	961003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	961003
Part A Recv Date:	Not reported
Part B Recv Date:	961028
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	96

Document ID:	NJA2229976
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	960216
Trans1 Recv Date:	960216
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960216
Part A Recv Date:	960315
Part B Recv Date:	960312
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	96

Document ID:	NJA2517674
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC

POTAMKIN TOYOTA (Continued) **1000149843**

Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	960613
Trans1 Recv Date:	960613
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960613
Part A Recv Date:	Not reported
Part B Recv Date:	960710
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00026
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	96

Document ID:	NJA1812317
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940321
Trans1 Recv Date:	940321
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940321
Part A Recv Date:	940329
Part B Recv Date:	940404
Generator EPA ID:	NYD981481823
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00004
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00032
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

POTAMKIN TOYOTA (Continued) **1000149843**

Year: 94

~~Click this hyperlink~~ while viewing on your computer to access
11 additional NY_MANIFEST: record(s) in the EDR Site Report.

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110001595550
Plant name:	POTAMKIN TOYOTA MAZDA & VOLKSWAGON
Plant address:	601 W 57TH ST NEW YORK, NY 10019
County:	NEW YORK
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043
Sic code:	9999
Sic code desc:	NONCLASSIFIABLE ESTABLISHMENTS
North Am. industrial classf:	Not reported
NAIC code description:	Not reported
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1001
Air prog code hist file:	4
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1002
Air prog code hist file:	4
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	4
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	4
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	4
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	4
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	4

POTAMKIN TOYOTA (Continued) **1000149843**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 4

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 4

Compliance & Violation Data by Minor Sources:
Air program code: CFC TRACKING
Plant air program pollutant: CHLOROFLUOROCARBONS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ALL OTHER NON-ATTAINMENT FOR PRIMARY AND SECONDARY STANDARDS
Repeat violator date: Not reported
Turnover compliance: Not reported

AF436 **EDR US Hist Auto Stat** **1015569346**
North **601 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.224 mi.
1184 ft. **Site 12 of 24 in cluster AF**

Relative:
Higher

Actual:
25 ft.

EDR Historical Auto Stations:
Name: WEST END AUTOMOTIVE LLC
Year: 2004
Address: 601 W 57TH ST

AG437 **NYC DEPT SANITATION - WEST 55TH STREET SALT SHED** **NY MANIFEST** **S110047171**
NNW **637 W 55TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.225 mi.
1186 ft. **Site 7 of 8 in cluster AG**

Relative:
Lower

Actual:
13 ft.

NY MANIFEST:
EPA ID: NYR000157123
Country: USA
Mailing Name: NYC DEPT SANITATION - WEST 55TH STREET SALT SHED
Mailing Contact: NYC DEPT SANITATION -
Mailing Address: 786 12th Ave
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019

NYC DEPT SANITATION - WEST 55TH STREET SALT SHED (Continued) **S110047171**

Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 732-713-3304

NY MANIFEST:
No Manifest Records Available

AG438 **NYC DEPT SANITATION - WEST 55TH STREET S** **RCRA-SQG** **1011490451**
NNW **637 W 55TH ST** **NYR000157123**
1/8-1/4 **NEW YORK, NY 10019**
0.225 mi.
1186 ft. **Site 8 of 8 in cluster AG**

Relative:
Lower

Actual:
13 ft.

RCRA-SQG:
Date form received by agency: 05/06/2008
Facility name: NYC DEPT SANITATION - WEST 55TH STREET S
Site name: NYC DEPT SANITATION - WEST 55TH STREET SALT SHED
Facility address: 637 W 55TH ST
NEW YORK, NY 10019
EPA ID: NYR000157123
Mailing address: 12TH AVE - COR OF 56TH ST &
12TH AVE TRAILER
NEW YORK, NY 10019
Contact: CAL GERSON
Contact address: 12TH AVE - COR OF 56TH ST & 12TH AVE TRAILER
NEW YORK, NY 10019
Contact country: US
Contact telephone: (212) 315-0235
Contact email: Not reported
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NEW YORK CITY DEPT OF SANITATION
Owner/operator address: BEAVER ST #3
NEW YORK, NY 10004
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 03/03/2004
Owner/Op end date: Not reported

Owner/operator name: NEW YORK CITY DEPT OF SANITATION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 03/03/2004
Owner/Op end date: Not reported

NYC DEPT SANITATION - WEST 55TH STREET S (Continued) **1011490451**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 05/05/2008
Facility name: NYC DEPT SANITATION - WEST 55TH STREET S
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

AI439 **H S OF GRAPHIC COMMUN ARTS - M625** **NY AST U003394187**
SSE **439 W 49 ST** **NY HIST AST N/A**
1/8-1/4 **N Y C, NY 10019**
0.225 mi.
1188 ft. **Site 9 of 10 in cluster AI**

Relative:
Higher

Actual:
46 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-353620
Program Type: PBS
UTM X: 585240.37227000005
UTM Y: 4512989.3508099997
Expiration Date: 2013/09/25

Affiliation Records:
Site Id: 17551
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: MANAGER, FUEL DIVISION
Contact Name: JAMES A. MERLO
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
EMail: Not reported

H S OF GRAPHIC COMMUN ARTS - M625 (Continued) **U003394187**

Fax Number:	Not reported
Modified By:	GDBREEN
Date Last Modified:	1/2/2013

Site Id:	17551
Affiliation Type:	On-Site Operator
Company Name:	GRAPHIC ARTS HS (M625)
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17551
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPT. OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	4/1/2013

Site Id:	17551
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	JAMES A. MERLO
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
EMail:	JMERLO@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/2/2008

Tank Info:

H S OF GRAPHIC COMMUN ARTS - M625 (Continued) **U003394187**

Tank Number: 001
Tank Id: 34425
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/03/1957
Capacity Gallons: 15000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 09/02/2008

Tank Number: 002
Tank Id: 34426
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/03/1957

H S OF GRAPHIC COMMUN ARTS - M625 (Continued) **U003394187**

Capacity Gallons:	15000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	09/02/2008

HIST AST:

PBS Number:	2-353620
SWIS Code:	6201
Operator:	PLANT OPERATION
Facility Phone:	(718) 391-6000
Facility Addr2:	439 W 49 ST
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(212) 979-3300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK C/O BD. OF ED.
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CARDELLO
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5TH FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/29/1998
Expiration:	09/25/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	30000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001

H S OF GRAPHIC COMMUN ARTS - M625 (Continued) **U003394187**

Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	15000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	15000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AI440 **HIGH SCHOOL OF GRAPHIC ARTS** **RCRA-CESQG** **1000833422**
SSE **439 W 49TH ST** **FINDS** **NYD987011442**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.225 mi.
1188 ft. **Site 10 of 10 in cluster AI**

Relative:
Higher

Actual:
46 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	HIGH SCHOOL OF GRAPHIC ARTS
Facility address:	439 W 49TH ST NEW YORK, NY 10019
EPA ID:	NYD987011442
Mailing address:	VERNON BLVD LONG ISLAND CITY, NY 11101
Contact:	WILLIAM BREINTNER
Contact address:	VERNON BLVD LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	(212) 977-5542
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	02/14/2005
Owner/Op end date:	Not reported

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	02/14/2005
Owner/Op end date:	Not reported

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: HIGH SCHOOL OF GRAPHIC ARTS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/15/2005
Facility name: HIGH SCHOOL OF GRAPHIC ARTS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: HIGH SCHOOL OF GRAPHIC ARTS
Site name: H S GRAPHICS COMMUNICATION ARTS
Classification: Not a generator, verified

Date form received by agency: 08/11/1992
Facility name: HIGH SCHOOL OF GRAPHIC ARTS
Site name: H S GRAPHICS COMMUNICATION ARTS
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004493682

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYD987011442
Country: USA
Mailing Name: H S OF GRAPHICS COMMUNICATION ARTS
Mailing Contact: H S OF GRAPHICS COMMUNICATION ARTS

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Mailing Address:	439 W49TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	000-000-0000

Document ID:	NYB4007025
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	PC4339NY
Trans2 State ID:	Not reported
Generator Ship Date:	921001
Trans1 Recv Date:	921001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921001
Part A Recv Date:	Not reported
Part B Recv Date:	921106
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F003 - UNKNOWN
Quantity:	01500
Units:	P - Pounds
Number of Containers:	015
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00200
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00700
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01500
Units:	P - Pounds
Number of Containers:	015
Container Type:	DM - Metal drums, barrels

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	92

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/31/2007
Trans1 Recv Date:	1/31/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	8
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/31/2007
Trans1 Recv Date:	1/31/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	20

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/31/2007
Trans1 Recv Date:	1/31/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	150
Units:	P - Pounds
Number of Containers:	3
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/31/2007
Trans1 Recv Date:	1/31/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	400
Units:	P - Pounds
Number of Containers:	8
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/31/2007
Trans1 Recv Date:	1/31/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	350
Units:	P - Pounds
Number of Containers:	7
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2007

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/31/2007
Trans1 Recv Date:	1/31/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	50
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/31/2007
Trans1 Recv Date:	1/31/2007
Trans2 Recv Date:	Not reported

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	50
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/31/2007
Trans1 Recv Date:	1/31/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	8
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/31/2007
Trans1 Recv Date:	1/31/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	30
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	NYG5228424
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	03/01/2005
Trans1 Recv Date:	03/01/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/02/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	45348PANY
Trans2 EPA ID:	Not reported

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00160
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00080
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	01060
Units:	P - Pounds
Number of Containers:	014
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	NYG5228424
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	03/01/2005
Trans1 Recv Date:	03/01/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/02/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	45348PANY
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00160
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00080
Units:	P - Pounds
Number of Containers:	002

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	01060
Units:	P - Pounds
Number of Containers:	014
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	Not reported
Year:	2005

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2007-01-31
Trans1 Recv Date:	2007-01-31
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-02-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	350.0
Units:	P - Pounds
Number of Containers:	7.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2007-01-31
Trans1 Recv Date:	2007-01-31
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-02-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	8.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2007-01-31
Trans1 Recv Date:	2007-01-31
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-02-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	50.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2007-01-31
Trans1 Recv Date:	2007-01-31
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-02-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	20.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2007-01-31
Trans1 Recv Date:	2007-01-31
Trans2 Recv Date:	Not reported

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

TSD Site Recv Date:	2007-02-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	8.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2007-01-31
Trans1 Recv Date:	2007-01-31
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-02-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	150.0
Units:	P - Pounds
Number of Containers:	3.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2007-01-31
Trans1 Recv Date:	2007-01-31
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-02-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	8.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2007-01-31
Trans1 Recv Date:	2007-01-31
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-02-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987011442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

HIGH SCHOOL OF GRAPHIC ARTS (Continued) **1000833422**

TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	30.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	002698923JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Click this hyperlink while viewing on your computer to access
1 additional NY_MANIFEST: record(s) in the EDR Site Report.

AP441 **CON EDISON** **NY MANIFEST** **S112817684**
NE **880 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.226 mi.
1192 ft. **Site 9 of 10 in cluster AP**

Relative:
Higher

Actual:
63 ft.

NY MANIFEST:

EPA ID:	NYP004275921
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

NY MANIFEST:

No Manifest Records Available

AN442 **408 + 410 W 51ST** **NY HIST UST** **U001834453**
SE **408/410 WEST 51ST STREET** **N/A**
1/8-1/4 **NY, NY 10017**
0.226 mi.
1193 ft. **Site 5 of 15 in cluster AN**

Relative:
Higher

Actual:
52 ft.

HIST UST:

PBS Number:	2-251429
SPDES Number:	Not reported
Emergency Contact:	EDWARD HENRY
Emergency Telephone:	(212) 243-7700
Operator:	EDWARD HENRY
Operator Telephone:	(212) 243-7700
Owner Name:	DOWARP REALTY
Owner Address:	251 W 20 ST
Owner City,St,Zip:	NY, NY 10011
Owner Telephone:	(212) 243-7700
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	DOWARP REALTY
Mailing Address:	251 W 20 ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10011
Mailing Contact:	EDWARD HENRY
Mailing Telephone:	(212) 243-7700
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	408 WEST 51ST STREET
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/09/1997
Expiration Date:	07/07/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	238
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	19610201
Capacity (gals):	3000

408 + 410 W 51ST (Continued) **U001834453**

Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Vault (w/access)
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

AQ443 **VERIZON (NEW YORK TELEPHONE CO)** **NY MANIFEST** **S110491482**
SW **610 W 48TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.227 mi.
1196 ft. **Site 7 of 17 in cluster AQ**

Relative:
Lower

Actual:
19 ft.

NY MANIFEST:

EPA ID:	NYD987030822
Country:	USA
Mailing Name:	VERIZON (NEW YORK TELEPHONE CO)
Mailing Contact:	B IRWIN
Mailing Address:	2 HAMPSHIRE STREET - 3RD FLOOR
Mailing Address 2:	Not reported
Mailing City:	LAWRENCE
Mailing State:	MA
Mailing Zip:	01840
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	878-837-2604

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003842047
Trans2 State ID:	Not reported
Generator Ship Date:	2010-03-29
Trans1 Recv Date:	2010-03-29
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-04-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987030822
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	100.0

VERIZON (NEW YORK TELEPHONE CO) (Continued) **S110491482**

Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	000895426GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2010-05-04
Trans1 Recv Date:	2010-05-04
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-05-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987030822
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	25.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	000895445GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported

VERIZON (NEW YORK TELEPHONE CO) (Continued) **S110491482**

Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2010-08-06
Trans1 Recv Date:	2010-08-06
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-08-06
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987030822
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	495.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	9.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	000895479GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

AQ444 **NEW YORK TELEPHONE CO** **RCRA NonGen / NLR** **1000791569**
SW **610 W 48TH ST** **FINDS** **NYD987030822**
1/8-1/4 **NEW YORK, NY 10036**
0.227 mi.
1196 ft. **Site 8 of 17 in cluster AQ**

Relative:
Lower

Actual:
19 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	NEW YORK TELEPHONE CO
Facility address:	610 W 48TH ST NEW YORK, NY 100361122
EPA ID:	NYD987030822
Mailing address:	11TH AVE NEW YORK, NY 10019
Contact:	Not reported
Contact address:	11TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

NEW YORK TELEPHONE CO (Continued) **1000791569**

Owner/Operator Summary:
Owner/operator name: NEW YORK TELEPHONE CO
Owner/operator address: 610 W 48TH ST
NEW YORK, NY 10036
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NEW YORK TELEPHONE CO
Owner/operator address: 610 W 48TH ST
NEW YORK, NY 10036
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NEW YORK TELEPHONE CO
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: NEW YORK TELEPHONE CO
Classification: Not a generator, verified

Date form received by agency: 03/15/1993
Facility name: NEW YORK TELEPHONE CO
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004502592

NEW YORK TELEPHONE CO (Continued) **1000791569**

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AQ445 **BELL ATLANTIC** **NY TANKS** **U003074752**
SW **610-630 WEST 48TH STREET** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10036** **NY HIST AST**
0.227 mi.
1196 ft. **Site 9 of 17 in cluster AQ**

Relative:
Lower

Actual:
19 ft.

TANKS:

Facility Id:	2-344818
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	584739.48557000002
UTM Y:	4513121.8969200002

HIST UST:

PBS Number:	2-344818
SPDES Number:	Not reported
Emergency Contact:	BELL ATLANTIC
Emergency Telephone:	(800) 386-9639
Operator:	BELL ATLANTIC
Operator Telephone:	(800) 696-3973
Owner Name:	BELL ATLANTIC
Owner Address:	221 EAST 37TH STREET, 4TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10016
Owner Telephone:	(800) 386-9639
Owner Type:	Corporate/Commercial
Owner Subtype:	New York Telephone
Mailing Name:	BELL ATLANTIC
Mailing Address:	221 EAST 37TH STREET, 4TH FLOOR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10016
Mailing Contact:	MS. KATHLEEN TOBIN
Mailing Telephone:	(212) 338-6731
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	UTILITY
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False

BELL ATLANTIC (Continued) **U003074752**

Certification Date:	01/20/1999
Expiration Date:	12/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	8275
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	2000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	11/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	2000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None

BELL ATLANTIC (Continued) **U003074752**

Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	11/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	7500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	03/01/1988
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	12/01/1994
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19940801
Capacity (gals):	3000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Suction

BELL ATLANTIC (Continued) **U003074752**

Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 006
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19941201
Capacity (gals): 5000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: Fiberglass Liner (FRP)
Tank External: Fiberglass
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Fiberglass
Second Containment: Vault (w/access)
Leak Detection: 14
Overfill Prot: High Level Alarm, Catch Basin
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

HIST AST:
PBS Number: 2-344818
SWIS Code: 6201
Operator: BELL ATLANTIC
Facility Phone: (800) 696-3973
Facility Addr2: Not reported
Facility Type: UTILITY
Emergency: BELL ATLANTIC
Emergency Tel: (800) 386-9639
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: BELL ATLANTIC
Owner Address: 221 EAST 37TH STREET, 4TH FLOOR
Owner City,St,Zip: NEW YORK, NY 10016
Federal ID: Not reported
Owner Tel: (800) 386-9639
Owner Type: Corporate/Commercial
Owner Subtype: T
Mailing Contact: MS. KATHLEEN TOBIN

BELL ATLANTIC (Continued) **U003074752**

Mailing Name:	BELL ATLANTIC
Mailing Address:	221 EAST 37TH STREET, 4TH FLOOR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10016
Mailing Telephone:	(212) 338-6731
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/20/1999
Expiration:	12/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	8275
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	005
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19940801
Capacity (Gal):	275
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Excavation/Tranch Liner
Leak Detection:	00
Overfill Protection:	45
Dispenser Method:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	007
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed

BELL ATLANTIC (Continued) **U003074752**

Install Date:	Not reported
Capacity (Gal):	280
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Not reported
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Not reported
Leak Detection:	Not reported
Overfill Protection:	Not reported
Dispenser Method:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Major Data Missing (which is on the certificate)
Date Closed:	08/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AF446 **GOODYEAR STORE #820** **RCRA NonGen / NLR** **1000708528**
North **607 W 57TH ST** **NYD986983922**
1/8-1/4 **NEW YORK, NY 10019**
0.227 mi.
1197 ft. **Site 13 of 24 in cluster AF**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	GOODYEAR STORE #820
Facility address:	607 W 57TH ST NEW YORK, NY 100191001
EPA ID:	NYD986983922
Mailing address:	W 57TH ST NEW YORK, NY 10019
Contact:	Not reported
Contact address:	W 57TH ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GOODYEAR
Owner/operator address:	UNKNOWN UNKNOWN, NY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported

GOODYEAR STORE #820 (Continued) **1000708528**

Owner/Op end date: Not reported

Owner/operator name: GOODYEAR
Owner/operator address: UNKNOWN
UNKNOWN, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: GOODYEAR STORE #820
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: GOODYEAR STORE #820
Classification: Not a generator, verified

Date form received by agency: 10/29/1991
Facility name: GOODYEAR STORE #820
Classification: Large Quantity Generator

Violation Status: No violations found

AF447 **EDR US Hist Auto Stat** **1015572980**
North **607 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.227 mi.
1197 ft. **Site 14 of 24 in cluster AF**

Relative:
Higher

Actual:
24 ft.

EDR Historical Auto Stations:
Name: GOODYEAR AUTO SERVICE CENTERS
Year: 1999
Address: 607 W 57TH ST

Name: GOODYEAR AUTO SERVICE CENTERS
Year: 2000
Address: 607 W 57TH ST

AF448 **GOODYEAR AUTO SERVICE CENTER** **RCRA NonGen / NLR** **1000194014**
North **607 W 57TH ST** **FINDS** **NYD149983033**
1/8-1/4 **NEW YORK, NY 10019**
0.227 mi.
1197 ft. **Site 15 of 24 in cluster AF**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	GOODYEAR AUTO SERVICE CENTER
Facility address:	607 W 57TH ST NEW YORK, NY 100191001
EPA ID:	NYD149983033
Mailing address:	JERSEY AVE NORTH BRUNSWICK, NY 08902
Contact:	Not reported
Contact address:	JERSEY AVE NORTH BRUNSWICK, NY 08902
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GOODYEAR T & R CO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	GOODYEAR T & R CO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

GOODYEAR AUTO SERVICE CENTER (Continued) **1000194014**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: GOODYEAR AUTO SERVICE CENTER
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: GOODYEAR AUTO SERVICE CENTER
Classification: Not a generator, verified

Date form received by agency: 10/31/1986
Facility name: GOODYEAR AUTO SERVICE CENTER
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110009481257

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AE449 **EDR US Hist Auto Stat** **1015577524**
SW **615 W 48TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.227 mi.
1197 ft. **Site 10 of 11 in cluster AE**

Relative:
Lower

Actual:
18 ft.

EDR Historical Auto Stations:
Name: N & P AUTO RADIATOR
Year: 1999
Address: 615 W 48TH ST

Name: N & P AUTO RADIATOR
Year: 2000
Address: 615 W 48TH ST

AN450 **CON EDISON** **NY MANIFEST** **S112210889**
SE **404 W 51ST ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.227 mi.
1199 ft. **Site 6 of 15 in cluster AN**

Relative:
Higher

Actual:
52 ft.

NY MANIFEST:

EPA ID:	NYP004270906
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270906
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457326JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210889**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270906
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457326JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AH451 **CON EDISON** **NY MANIFEST** **S112210794**
South **680 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.227 mi.
1200 ft. **Site 9 of 10 in cluster AH**

Relative:
Higher

Actual:
32 ft.

NY MANIFEST:

EPA ID:	NYP004269866
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported

CON EDISON (Continued) **S112210794**

Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269866
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457156JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269866
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457156JJK
Import Ind:	N
Export Ind:	N

CON EDISON (Continued) **S112210794**

Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AF452 **EDR US Hist Auto Stat** **1015573805**
North **609 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.227 mi.
1201 ft. **Site 16 of 24 in cluster AF**

Relative:
Higher

Actual:
24 ft.

EDR Historical Auto Stations:

Name:	LEWNA 24 HR AUTO RESCUE
Year:	2003
Address:	609 W 57TH ST
Name:	LEWNA 24 HR AUTO RESCUE
Year:	2004
Address:	609 W 57TH ST
Name:	LEWNA 24 HR AUTO RESCUE
Year:	2010
Address:	609 W 57TH ST

AN453 **409 WEST 50TH STREET** **NY AST** **U004045526**
SSE **409 WEST 50TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.227 mi.
1201 ft. **Site 7 of 15 in cluster AN**

Relative:
Higher

Actual:
49 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-322849
Program Type:	PBS
UTM X:	585346.78376000002
UTM Y:	4513021.9954700004
Expiration Date:	N/A

Affiliation Records:

Site Id:	15062
Affiliation Type:	Facility Owner
Company Name:	409-411 WEST 50TH STREET CORP % TRI-STAR EQUITIES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	155 EAST 26TH ST.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10010
Country Code:	001

409 WEST 50TH STREET (Continued) **U004045526**

Phone:	(212) 751-4800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15062
Affiliation Type:	Mail Contact
Company Name:	409-411 WEST 50TH ST CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	% TRI-STAR EQUITIES
Address2:	155 EAST 26TH STREET
City:	NEW YORK
State:	NY
Zip Code:	10010
Country Code:	001
Phone:	(212) 751-4800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15062
Affiliation Type:	On-Site Operator
Company Name:	409 WEST 50TH STREET
Contact Type:	Not reported
Contact Name:	ROD FELDMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 751-4800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15062
Affiliation Type:	Emergency Contact
Company Name:	409-411 WEST 50TH STREET CORP % TRI-STAR EQUITIES
Contact Type:	Not reported
Contact Name:	ROD FELDMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 751-4800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

409 WEST 50TH STREET (Continued) **U004045526**

Tank Info:

Tank Number:	001
Tank Id:	19995
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1200
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/11/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

AU454 **THE AURORA** **NY HIST UST** **U003740147**
ENE **475 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.228 mi.
1205 ft. **Site 1 of 12 in cluster AU**

Relative:
Higher

Actual:
69 ft.

HIST UST:

PBS Number:	2-602175
SPDES Number:	Not reported
Emergency Contact:	GREG EUANS
Emergency Telephone:	(212) 246-2424
Operator:	MARIANNE CASTILLO
Operator Telephone:	(212) 246-2424
Owner Name:	AURORA ASSOCIATES, LP.
Owner Address:	475 W 57TH STREET, 4TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 246-2424
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	AURORA ASSOCS. L.P.
Mailing Address:	475 W 57TH STREET, 4TH FLOOR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	M. CASFILLO
Mailing Telephone:	(212) 246-2424
Owner Mark:	First Owner

THE AURORA (Continued) **U003740147**

Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/15/2000
Expiration Date:	04/18/2005
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	15000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	1
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	19891201
Capacity (gals):	15000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AE455 **CON EDISON** **NY MANIFEST** **S112210790**
WSW **619 W 48 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.229 mi.
1208 ft. **Site 11 of 11 in cluster AE**

Relative:
Lower

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004269825
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269825
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457151JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210790**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269825
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457151JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AO456 **WEST 55TH STREET OWNERS CORPORATION** **NY AST** **U003397206**
East **415 EAST 55TH STREET** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.229 mi.
1209 ft. **Site 6 of 20 in cluster AO**

Relative:
Higher

Actual:
67 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-603490
Program Type:	PBS
UTM X:	587529.56004999997
UTM Y:	4512285.98489
Expiration Date:	2013/05/21

Affiliation Records:

Site Id:	25406
Affiliation Type:	Facility Owner
Company Name:	WEST 55TH STREET OWNERS CORPORATION
Contact Type:	AGENT
Contact Name:	HOWARD LANDMAN
Address1:	C/O SIREN MANAGEMENT 40 EXCHANGE PL.19FL
Address2:	Not reported
City:	NEW YORK

WEST 55TH STREET OWNERS CORPORATION (Continued) **U003397206**

State: NY
Zip Code: 10005
Country Code: 001
Phone: (212) 483-0700
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 4/17/2008

Site Id: 25406
Affiliation Type: Mail Contact
Company Name: WEST 55TH ST. OWNERS CORPORATION C/O SIREN MGM.
Contact Type: Not reported
Contact Name: WEST 55TH ST.OWNERS COR.
Address1: 40 EXCHANGE PLACE 19TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10005
Country Code: 001
Phone: (212) 483-0700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 25406
Affiliation Type: On-Site Operator
Company Name: WEST 55TH STREET OWNERS CORPORATION
Contact Type: Not reported
Contact Name: HASAN B. BOVIC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 458-0087
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 25406
Affiliation Type: Emergency Contact
Company Name: WEST 55TH STREET OWNERS CORPORATION
Contact Type: Not reported
Contact Name: HOWARD LANDMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 483-0700
EMail: Not reported
Fax Number: Not reported

WEST 55TH STREET OWNERS CORPORATION (Continued) **U003397206**

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 54543
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1975
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 04/17/2008

HIST AST:

PBS Number: 2-603490
SWIS Code: 6201
Operator: FRANK BRUSCO
Facility Phone: (212) 000-0000
Facility Addr2: Not reported
Facility Type: Not reported
Emergency: HOWARD LONDONA
Emergency Tel: (212) 483-0700
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: WEST 55TH STREET OWNERS CORPORATION
Owner Address: C/O SIREN MANAGEMENT 40 EXCHANGE PL.19FL
Owner City,St,Zip: NEW YORK, NY 10005
Federal ID: Not reported
Owner Tel: (212) 483-0700
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Contact: WEST 55TH ST.OWNERS COR.
Mailing Name: WEST 55TH ST. OWNERS CORPORATION C/O SIREN MGM.
Mailing Address: 50 EXCHANGE PLACE 19TH FLOOR

WEST 55TH STREET OWNERS CORPORATION (Continued) **U003397206**

Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10005
Mailing Telephone:	(212) 483-0700
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	06/01/1998
Expiration:	05/21/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Diking
Leak Detection:	00
Overfill Protection:	00
Dispenser Method:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AV457 **803 805 NINTH AVE APT HOUSE** **NY AST** **U003387870**
ESE **803/805 9TH AVE** **NY HIST AST** **N/A**
1/8-1/4 **NY, NY 10019**
0.229 mi.
1211 ft. **Site 1 of 2 in cluster AV**

Relative:
Higher

Actual:
60 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-238376
Program Type:	PBS
UTM X:	585449.19973999995
UTM Y:	4513220.97389
Expiration Date:	N/A

Affiliation Records:

Site Id:	8923
Affiliation Type:	Facility Owner
Company Name:	CAPITAL HOLDING CO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1392 ST NICHOLLAS AVE
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10033
Country Code:	001
Phone:	(212) 781-1000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8923
Affiliation Type:	Mail Contact
Company Name:	CAPITAL HOLDING CO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1392 ST NICHOLLAS AVE
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10033
Country Code:	001
Phone:	(212) 781-1000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8923
Affiliation Type:	On-Site Operator
Company Name:	803 805 NINTH AVE APT HOUSE
Contact Type:	Not reported
Contact Name:	SUPT KAUL BANASCO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

803 805 NINTH AVE APT HOUSE (Continued) **U003387870**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 541-4074
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8923
Affiliation Type:	Emergency Contact
Company Name:	CAPITAL HOLDING CO
Contact Type:	Not reported
Contact Name:	WALTER SPATZ OF HERBERT CHARLE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 543-7307
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	12718
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/01/1988
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

803 805 NINTH AVE APT HOUSE (Continued) **U003387870**

HIST AST:

PBS Number:	2-238376
SWIS Code:	6201
Operator:	SUPT KAUL BANASCO
Facility Phone:	(212) 541-4074
Facility Addr2:	803 9TH AVE
Facility Type:	Not reported
Emergency:	WALTER SPATZ OF HERBERT CHARLE
Emergency Tel:	(212) 543-7307
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CAPITAL HOLDING CO
Owner Address:	1392 ST NICHOLLAS AVE
Owner City,St,Zip:	NY, NY 10033
Federal ID:	Not reported
Owner Tel:	(212) 781-1000
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	CAPITAL HOLDING CO
Mailing Address:	1392 ST NICHOLLAS AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10033
Mailing Telephone:	(212) 781-1000
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	11/16/1987
Expiration:	11/16/1992
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	1
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON

803 805 NINTH AVE APT HOUSE (Continued) **U003387870**

Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	12/01/1988
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AQ458 **FEDERAL EXPRESS - NYCA** **NY AST** **A100321681**
WSW **621 WEST 48TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.230 mi.
1213 ft. **Site 10 of 17 in cluster AQ**

Relative:
Lower

Actual:
18 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610914
Program Type:	PBS
UTM X:	584737.92527999997
UTM Y:	4513142.3909600005
Expiration Date:	2013/08/21

Affiliation Records:

Site Id:	403039
Affiliation Type:	Emergency Contact
Company Name:	FEDERAL EXPRESS
Contact Type:	Not reported
Contact Name:	TONY GULLA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(973) 565-2305
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/27/2013

Site Id:	403039
Affiliation Type:	Facility Owner
Company Name:	FEDERAL EXPRESS
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	NEWARK INTL. AIRPORT BLDG 347
Address2:	Not reported
City:	NEWARK

FEDERAL EXPRESS - NYCA (Continued) **A100321681**

State: NJ
Zip Code: 07114
Country Code: 001
Phone: (973) 565-2305
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/21/2008

Site Id: 403039
Affiliation Type: On-Site Operator
Company Name: FEDERAL EXPRESS - NYCA
Contact Type: Not reported
Contact Name: ROBERT NORTON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 259-3437
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/21/2008

Site Id: 403039
Affiliation Type: Mail Contact
Company Name: FEDERAL EXPRESS
Contact Type: Not reported
Contact Name: TONY GULLA
Address1: NEWARK INTERNATIONAL AIRPORT
Address2: BLDG 347
City: NEWARK
State: NJ
Zip Code: 07114
Country Code: 001
Phone: (973) 565-2305
EMail: TGULLA@FEDEX.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/27/2013

Tank Info:

Tank Number: 001
Tank Id: 224812
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported

FEDERAL EXPRESS - NYCA (Continued) **A100321681**

Install Date:	06/01/2003
Capacity Gallons:	280
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	08/21/2008

AF459 **FORMER COPACABANA FACILITY** **NY UST** **U004046778**
North **615-621 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.230 mi.
1213 ft. **Site 17 of 24 in cluster AF**

Relative:
Higher

Actual:
23 ft.

UST:

Id/Status:	2-607382 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585086.71796000004
UTM Y:	4513773.79158

Affiliation Records:

Site Id:	29235
Affiliation Type:	Mail Contact
Company Name:	THE DURST ORGANIZATION
Contact Type:	Not reported
Contact Name:	MIKE TERZANO/ DIRECTOR
Address1:	1155 AVENUE OF THE AMERICAS
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 789-1181
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29235
Affiliation Type:	On-Site Operator
Company Name:	FORMER COPACABANA FACILITY
Contact Type:	Not reported
Contact Name:	THE DURST ORGANIZATION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

FORMER COPACABANA FACILITY (Continued) **U004046778**

Date Last Modified:	3/4/2004

Site Id:	29235
Affiliation Type:	Emergency Contact
Company Name:	THE DURST ORGANIZATION
Contact Type:	Not reported
Contact Name:	MIKE TERZANO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 789-1181
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29235
Affiliation Type:	Facility Owner
Company Name:	THE DURST ORGANIZATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1155 AVENUE OF THE AMERICAS
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 789-1181
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	62848
Tank Status:	Closed - Removed
Capacity Gallons:	750
Install Date:	Not reported
Date Tank Closed:	01/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

FORMER COPACABANA FACILITY (Continued) **U004046778**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Number:	002
Tank ID:	62849
Tank Status:	Closed - Removed
Capacity Gallons:	750
Install Date:	Not reported
Date Tank Closed:	01/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number:	003
Tank ID:	62850
Tank Status:	Closed - Removed
Capacity Gallons:	750
Install Date:	Not reported
Date Tank Closed:	01/02/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported

FORMER COPACABANA FACILITY (Continued) **U004046778**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Number: 004
Tank ID: 62851
Tank Status: Closed - Removed
Capacity Gallons: 750
Install Date: Not reported
Date Tank Closed: 01/01/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 005
Tank ID: 62852
Tank Status: Closed - Removed
Capacity Gallons: 175
Install Date: Not reported
Date Tank Closed: 01/01/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001

FORMER COPACABANA FACILITY (Continued) **U004046778**

Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
I00 - Overfill - None

AF460 **OFF-SITE MID-BLOCK #57 PROJECT** **NY BROWNFIELDS** **S108984485**
North **615-649 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.230 mi.
1213 ft. **Site 18 of 24 in cluster AF**

Relative:
Higher

Actual:
23 ft.

BROWNFIELDS:
Program: BCP
Site Code: 390497
Site Description: Location:The Mid Block #57 Project site is located in Manhattan at 615-649 West 57th Street, between 11th and 12th Avenues. The site consists of Tax Block 1105, Lots 14, 19, 43, and part of Lot 5, in the Borough of Manhattan. The surrounding neighborhood is mixed residential and commercial.Site features:This site is approximately 1.36 acres in size. Former on-site buildings have been demolished and the site is currently vacant.Current zoning/uses:Remedial action began in March 2010 and as such is currently vacant. Remedial action is currently on hold until autumn of 2011 due to some changes in building design and associated permit requirements. East of the Site and bordering 11th Avenue is The Helena, an active rental residential tower with market and affordable housing, and Manhattan Mini Storage. The Helena is located at 601 West 57th Street (southeast corner of block) and Manhattan Mini Storage is located at 847-853 Eleventh Avenue (northeast corner of block). West of the Site at 830 12th Avenue is a vacant lot, which formerly contained an Airborne Express parcel warehouse and Artkraft Strauss Building (formerly manufactured signs and billboards). Potential contamination on this property to the west is being investigated as an off-site project (see C231062A).Historical use:The Site formerly contained an Airborne Express parcel warehouse and vehicular maintenance building (631-649 West 57th Street), a Potamkin Toyota auto service repair facility (623-629 West 57th Street), the Copacabana Night Club (615-621 West 57th Street), and Dynasty Auto Body Facility (616-618 West 58th Street). The site was originally proposed to be redeveloped as a school, but now is planned for residential use with ground level retail and a sub-grade parking level.Site geology and hydrogeology:The topography of the site slopes gently to the west toward the Hudson River, which is situated approximately 250 feet

OFF-SITE MID-BLOCK #57 PROJECT (Continued) **S108984485**

west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock. A Brownfield Cleanup Agreement (BCA) was executed in December 2008, and on February 17, 2009 an amendment to the BCA was signed by new volunteers. The Remedial Action Work Plan (RAWP) was approved in March 2010. The Volunteer intends to complete a Track 1 cleanup for Unrestricted Use.

Env Problem: Nature and extent of contamination:The Remedial Investigation (RI) found contamination in soil, groundwater, and soil vapor. Contaminants of concern at the Site are petroleum-related compounds. Contamination in each of these media is discussed below.Soil:Twenty three (23) soil samples were analyzed. Analytical results revealed volatile organic compounds (VOCs) in soil exceeding Part 375 Unrestricted Soil Cleanup Objectives (UUSCOs). This includes ethylbenzene, detected at 275 parts per million (ppm) in comparison to the UUSCO of 1 ppm; 1,2,4-trimethylbenzene at 317 ppm compared to the UUSCO of 3.6 ppm; and total xylenes at 1,380 ppm compared to the UUSCO of 0.26 ppm. Semi-volatile organic compounds (SVOCs) were also identified in soil in multiple samples at concentrations above the UUSCOs. This includes chrysene which was detected at 5.5 ppm compared to the UUSCO of 1 ppm and naphthalene at 38 ppm compared to the UUSCO of 12 ppm. Metals identified in soil samples at concentration above the UUSCOs include mercury at 46 ppm compared to the UUSCO of 0.18 ppm; chromium at 65.8 ppm compared to the UUSCO of 30 ppm; lead at 4,420 ppm compared to the UUSCO of 63 ppm; and zinc at 1,250 ppm compared to the UUSCO of 109 ppm. Groundwater:Eleven (11) groundwater samples were analyzed. The analytical data revealed VOCs at concentrations exceeding NYS Technical and Operational Guidance Series (TOGS) Ambient Water Quality Standards. Benzene was detected at 1,500 parts per billion (ppb) compared to the TOGS standard of 1 ppb; 1,2,4-trimethylebenzene at 2,400 ppb (TOGS standard is 5 ppb); and total xylenes at 4,900 ppb (TOGS standard is 5 ppb). A few SVOCs were detected at concentrations exceeding TOGS standards include naphthalene as high as 190 ppb (TOGS standard is 10 ppb); benzo(a)pyrene as high as 8.3 ppb (TOGS standard is non-detect); and chrysene as high as 10 ppb (TOGS standard is 0.002 ppb). Metals detected in groundwater at concentrations exceeding TOGS standards include: lead as high as 900 ppb in unfiltered samples compared to the TOGS standard of 25 ppb; mercury as high as 11.9 ppb (unfiltered) (TOGS standard is 0.7 ppb); chromium as high as 139 ppb (unfiltered) (TOGS standard is 50 ppb); and arsenic as high as 38 ppb (unfiltered) (TOGS standard is 25 ppb). None of these metals were detected in filtered groundwater samples. Manganese and sodium were the only metals detected in both unfiltered and filtered samples at concentrations above TOGS standards. Soil vapor:Twelve (12) soil vapor samples were analyzed. Analytical data revealed the presence of VOCs in these soil vapor samples, including benzene at a maximum concentration of 831 micrograms per cubic meter (ug/m3), 1,2,4-trimethylbenzene at 37,600 ug/m3, tetrachloroethane (PCE) at 240 ug/m3, and total xylenes at 21,400 ug/m3. Special resources impacted/threatened:There were no significant ecological resources identified at the site during the investigation.Significant threat:Based on the results of the Remedial Investigation, NYSDEC and NYSDOH have determined that the Site represents a significant threat to human health and the environment. This decision is based on the nature of the existing contaminants identified at the Site; the potential for off-site migration of contaminants in the groundwater;

OFF-SITE MID-BLOCK #57 PROJECT (Continued) **S108984485**

and the potential for human exposure to site-related contaminants via soil vapors.

Health Problem: The site is vacant, therefore, contact with contaminated soil is unlikely. Drinking water with site-related contaminants is not expected as the area is served by public water. Since on-site soil vapor contains elevated levels of volatile organic compounds, inhalation of site-related contaminants via soil vapor intrusion in future on-site buildings may be possible. Vapor intrusion into off-site structures is a potential exposure pathway that needs to be investigated.

Program: BCP
Site Code: 419512
Site Description: This project was initiated to address off-site impacts from the Mid-Block #57 Brownfield Cleanup Program (BCP) project C231062. There is also a stipulation agreement for the Site, under Spill 9810172.Location:This Site is located at 615-649 West 57th Street and 830 12th Avenue in the Borough of Manhattan, Block 1105, Lot 1 and part of Lot 5. It is immediately west of BCP Site C231062. To the west is 12th Avenue and the Hudson River; north is 58th Street and the 59th Street Con Edison steam generating facility; and to the south is 57th Street and several businesses, including parking facilities, auto dealership service stations, and offices of NYC Sanitation Department. The surrounding neighborhood is mixed residential and commercial. Site features:The Site is a rectangular lot of 1.17 acres. Former on-site buildings have been demolished and the Site is currently vacant. Current zoning/uses:The site is currently vacant, following demolition of the on-site buildings. Construction on this site is planned to be performed in conjunction with work on the BCP site to the east. Proposed development is for residential and commercial use.Historical use:Prior to 1951, the western portion of the site formerly contained the Brockway Motor Truck Company and Stutz (or State) Service Station. By 1951 a private garage and repair shop occupied the 2-story building. By 1976 the building was used by the Artkraft Strauss Sign Company for the manufacturing of signs and billboards for Times Square. The first floor of the building was used at this time for parts storage, metalworking and woodworking equipment, painting, and storage of vehicles. After Artkraft Strauss left the building was subsequently served as studio space for artists. This building was demolished in early 2011. The eastern portion of the site formerly contained the Colt Stewart Co. Chrysler Service Station followed by United Parcel Service, Inc. who occupied the building by 1940. Underground Storage Tank (UST) leaks were reported to the Fire Department during that time. The building was subsequently used by New York Telephone, who installed 2 USTs, and later by Airborne Express as a parcel warehouse. The building was demolished in 2001 and subsequently used as a parking lot.Site geology and hydrogeology:The Site topography slopes west toward the Hudson River with an elevation ranging from 13 feet above Manhattan Bureau Datum on the eastern portion of the Site to 7 feet above Manhattan Bureau Datum on 12th Avenue. In general, regional topography slopes gently to the west. The nearest surface water body is the Hudson River located approximately 250 feet west of the Site. The Site geology is characterized by fill material of varying thickness overlying sand and till, decomposed rock, weathered rock, and bedrock.
Env Problem: Nature and extent of contamination:Soil:Petroleum-related

OFF-SITE MID-BLOCK #57 PROJECT (Continued) **S108984485**

contaminants at levels exceeding unrestricted use soil cleanup objectives (UUSCOs) exist in discrete locations on the site. These areas were largely addressed via Interim Remedial Measures (including UST removal and excavation of surrounding impacted soil). Following the IRM work, end-point samples in the northern excavation show remaining contamination that requires further remedial action, including benzene at 0.21 ppm (UUSCO is 0.06 ppm); ethylbenzene at 8.5 ppm (UUSCO is 1 ppm); total xylenes at 8.1 ppm (UUSCO is 0.26 ppm); 1,2,4-trimethylbenzene at 33 ppm (UUSCO is 3.6 ppm); and 1,3,5-trimethylbenzene at 16 ppm (UUSCO is 8.4 ppm). In addition to this area, two other discrete areas on the site will be excavated to remove soil with elevated concentrations of benzene under the approved Remedial Action Work Plan (RAWP). Semi-volatile organic compounds (SVOCs) have also been found site-wide, at concentrations that indicate this is part of site background conditions. One area of elevated SVOCs (LB-17) requires remediation under the RAWP. SVOCs detected here include: benzo(a)anthracene at 12 ppm; benzo(a)pyrene at 10; benzo(b)fluoranthene at 12 ppm; and chrysene at 10 ppm (UUSCO for these contaminants is 1 ppm). Tetrachloroethylene (PCE) previously detected in one boring at 1.76 ppm was removed during the IRM work; chlorinated VOCs were not detected in any other borings.Groundwater:In on-site groundwater, VOCs detected in previous investigations have been largely reduced. In 2007 tetrachlorethene was detected in one groundwater sample and vinyl chloride in a separate groundwater sample; these have not been detected in any groundwater samples since. The only contaminants detected in on-site groundwater at concentrations exceeding the NYS Technical and Operational Guidance Series (TOGS) Ambient Water Quality Standards, during the recent Remedial Investigation, include: 1,2,4-trimethylbenzene at 8.1 ppb and isopropylbenzene at 42 ppb. Off-site monitioring wells have detected (in historical sampling) benzene at 20.3 ppb (compared to the TOGS standard of 1 ppb); Ethylbenzene at 61 ppb (compared to the TOGS standard of 5 ppb); and total xylenes at 39.5 ppb (compared to the TOGS standard of 5 ppb). Groundwater contamination appears to be coming from the adjacent BCP site C231062 (Mid-Block 57 Site). Soil vapor:Historical soil vapor sampling (2007) and RI soil vapor sampling initially identified high concentrations of chlorinated VOCs in soil vapor in a few discrete locations including tetrachloroethylene (PCE) as high as 46,500 ug/m3 and trichloroethene (TCE) as high as 1400 ug/m3. Following the IRM work, these concentrations were greatly reduced but are still present (post-IRM soil vapor samples identified PCE at a maximum of 125 micrograms per cubic meter (ug/m3) and TCE at a maximum of 67.2). Petroleum-related contaminants are also present in soil vapor, including benzene at 130 ug/m3 and ethylbenzene as high as 82 ug/m3. The approved RAWP includes installation of a sub-slab depressurization system.

Health Problem: Not reported

AV461
ESE
1/8-1/4
0.230 mi.
1214 ft.

401 WEST 53RD ST. A/K/A 801 NINTH AVE.
401 WEST 53RD STREET
NEW YORK, NY 10019

Site 2 of 2 in cluster AV

NY AST **U003391309**
NY HIST AST **N/A**

Relative:
Higher

Actual:
60 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-238368
Program Type:	PBS
UTM X:	585480.31464
UTM Y:	4513220.9303700002
Expiration Date:	2013/04/02

Affiliation Records:

Site Id:	8922
Affiliation Type:	Facility Owner
Company Name:	SUDHAKAR RAYAPUDI
Contact Type:	PROPERTY MANAGER
Contact Name:	MURAHARI RAYAPUDI
Address1:	P.O. BOX 654
Address2:	Not reported
City:	NEWFOUNDLAND
State:	NJ
Zip Code:	07435
Country Code:	001
Phone:	(973) 886-1071
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/22/2008

Site Id:	8922
Affiliation Type:	Mail Contact
Company Name:	801-803 LLC
Contact Type:	Not reported
Contact Name:	HARI RAYAPUDI
Address1:	PO BOX 607
Address2:	Not reported
City:	NEWFOUNDLAND
State:	NJ
Zip Code:	07435
Country Code:	001
Phone:	(973) 886-1073
EMail:	801803@GMAIL.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/22/2008

Site Id:	8922
Affiliation Type:	On-Site Operator
Company Name:	401 WEST 53RD STREET
Contact Type:	Not reported
Contact Name:	RAYMOND ARMIENTA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

401 WEST 53RD ST. A/K/A 801 NINTH AVE. (Continued) **U003391309**

Zip Code:	Not reported
Country Code:	001
Phone:	(646) 322-4887
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/22/2008

Site Id:	8922
Affiliation Type:	Emergency Contact
Company Name:	SUDHAKAR RAYAPUDI
Contact Type:	Not reported
Contact Name:	MURAHARI RAYAPUDI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(973) 886-1073
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/22/2008

Tank Info:

Tank Number:	001
Tank Id:	21235
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
L04 - Piping Leak Detection - Groundwater Well
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
K99 - Spill Prevention - Other
C01 - Pipe Location - Aboveground

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1980
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving

401 WEST 53RD ST. A/K/A 801 NINTH AVE. (Continued) **U003391309**

Last Modified: 09/22/2008

HIST AST:

PBS Number:	2-238368
SWIS Code:	6201
Operator:	ANTONIO VASQUEZ - SUPER
Facility Phone:	(917) 401-4257
Facility Addr2:	401 WEST 53RD STREET
Facility Type:	APARTMENT BUILDING
Emergency:	SUDHAKAR RAYAPUDI
Emergency Tel:	(212) 265-8110
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	JAYASUDHA, INC.
Owner Address:	P.O.BOX 607
Owner City,St,Zip:	NEWFOUNDLAND, NJ 07435
Federal ID:	Not reported
Owner Tel:	(917) 737-2665
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	JAHASUDHA, INC.
Mailing Address:	P.O. BOX 607
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEWFOUNDLAND, NJ 07435
Mailing Telephone:	(917) 737-2565
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/21/1997
Expiration:	10/20/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported

401 WEST 53RD ST. A/K/A 801 NINTH AVE. (Continued) **U003391309**

Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Remote Impounding Area
Leak Detection:	06
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AQ462 **660 TWELTH AVENUE** **NY UST** **U003758116**
WSW **660 TWELTH AVENUE** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.230 mi.
1217 ft. **Site 11 of 17 in cluster AQ**

Relative:
Lower

Actual:
18 ft.

UST:

Id/Status:	2-604810 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	584727.10338999995
UTM Y:	4513128.4710299997

Affiliation Records:

Site Id:	26679
Affiliation Type:	Facility Owner
Company Name:	ROCKROSE DEVELOPMENT CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	290 PARK AVE SOUTH
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(212) 375-1155
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26679
Affiliation Type:	Mail Contact
Company Name:	ROCKROSE DEVELOPMENT CORP.
Contact Type:	Not reported
Contact Name:	DEBORAH LEONARD
Address1:	290 PARK AVE SOUTH

660 TWELTH AVENUE (Continued) **U003758116**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(212) 375-1155
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26679
Affiliation Type:	On-Site Operator
Company Name:	660 TWELTH AVENUE
Contact Type:	Not reported
Contact Name:	NONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26679
Affiliation Type:	Emergency Contact
Company Name:	ROCKROSE DEVELOPMENT CORP.
Contact Type:	Not reported
Contact Name:	DEBORAH LEONARD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 375-1155
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	58928
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	10/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009

660 TWELTH AVENUE (Continued) **U003758116**

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None

Tank Number: 002
Tank ID: 62769
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number: 003
Tank ID: 62770
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/2000

660 TWELTH AVENUE (Continued) **U003758116**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number:	004
Tank ID:	62771
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	10/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number:	005
Tank ID:	62772

660 TWELTH AVENUE (Continued) **U003758116**

Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	10/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number:	006
Tank ID:	62773
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	10/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

660 TWELTH AVENUE (Continued) **U003758116**

Tank Number:	007
Tank ID:	62774
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number:	008
Tank ID:	62775
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

660 TWELTH AVENUE (Continued) **U003758116**

I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number: 009
Tank ID: 62776
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number: 010
Tank ID: 62777
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

660 TWELTH AVENUE (Continued) **U003758116**

A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

HIST UST:

PBS Number:	2-604810
SPDES Number:	Not reported
Emergency Contact:	DEBORAH LEONARD
Emergency Telephone:	(212) 984-1742
Operator:	NONE
Operator Telephone:	(000) 000-0000
Owner Name:	ROCKROSE DEVELOPMENT CORP.
Owner Address:	309 EAST 54TH STREET
Owner City,St,Zip:	NEW YORK, NY 10017
Owner Telephone:	(212) 984-1742
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	ROCKROSE DEVELOPMENT CORP.
Mailing Address:	309 EAST 54TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10017
Mailing Contact:	DEBORAH LEONARD
Mailing Telephone:	(212) 984-1742
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	Not reported
Expiration Date:	11/15/2005
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

660 TWELTH AVENUE (Continued) **U003758116**

Install Date:	Not reported
Capacity (gals):	3000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Not reported
Leak Detection:	Not reported
Overfill Prot:	Not reported
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/2000
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AF463 **CON EDISON** **NY MANIFEST** **S112817680**
North **620 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.230 mi.
1217 ft. **Site 19 of 24 in cluster AF**

Relative:
Higher

Actual:
22 ft.

NY MANIFEST:

EPA ID:	NYP004275871
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-24
Trans1 Recv Date:	2012-10-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004275871
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046

CON EDISON (Continued) **S112817680**

Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457437JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AF464 **EDR US Hist Auto Stat** **1015578306**
North **617 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.230 mi.
1217 ft. **Site 20 of 24 in cluster AF**

Relative:
Higher

Actual:
23 ft.

EDR Historical Auto Stations:

Name:	ACA JAPANESE CAR REPAIR
Year:	2010
Address:	617 W 57TH ST
Name:	A C A JAPANESE CAR REPAIR
Year:	2011
Address:	617 W 57TH ST
Name:	A C A JAPANESE CAR REPAIR
Year:	2012
Address:	617 W 57TH ST

AQ465 **624 WEST 48TH ST** **NY LTANKS** **S102147958**
WSW **624 WEST 48TH ST** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.231 mi.
1218 ft. **Site 12 of 17 in cluster AQ**

Relative:
Lower

Actual:
18 ft.

LTANKS:

Site ID:	82463
Spill Number/Closed Date:	8709100 / 2/23/1993
Spill Date:	1/25/1988
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	2/23/1993
Cleanup Meets Standard:	False

624 WEST 48TH ST (Continued) **S102147958**

SWIS:	3101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1/25/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/26/1988
Spill Record Last Update:	7/18/1996
Spiller Name:	Not reported
Spiller Company:	NEW YORK TELEPHONE
Spiller Address:	624 WEST 48TH ST
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	76031
DEC Memo:	Not reported
Remarks:	7.5K TANK ISOLATED FROM PIPING, FAILED PETRO TITE TEST WITH A LEAK RATE OF -.395GPH.

Material:

Site ID:	82463
Operable Unit ID:	914190
Operable Unit:	01
Material ID:	464438
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	82463
Spill Tank Test:	1533091
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

AF466 **AUTO TECH** **RCRA NonGen / NLR** **1000791065**
North **622 W 57TH ST** **FINDS** **NYD987025665**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.231 mi.
1222 ft. **Site 21 of 24 in cluster AF**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	AUTO TECH
Facility address:	622 W 57TH ST NEW YORK, NY 10019
EPA ID:	NYD987025665
Mailing address:	W 57TH ST NEW YORK, NY 10019
Contact:	Not reported
Contact address:	W 57TH ST NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GARAGE MANAGEMENT CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, NY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	GARAGE MANAGEMENT CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, NY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

AUTO TECH (Continued) **1000791065**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: AUTO TECH
Classification: Not a generator, verified

Date form received by agency: 07/14/1999
Facility name: AUTO TECH
Classification: Small Quantity Generator

Date form received by agency: 01/11/1993
Facility name: AUTO TECH
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110009482880

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYD987025665
Country: USA
Mailing Name: AUTO TECH
Mailing Contact: BRIAN HANLEY
Mailing Address: 622 WS 7TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-974-0400

Document ID: TXA0528850
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: 40355
Generator Ship Date: 971209
Trans1 Recv Date: 971209
Trans2 Recv Date: 971212
TSD Site Recv Date: 971220
Part A Recv Date: Not reported
Part B Recv Date: 980127

AUTO TECH (Continued) **1000791065**

Generator EPA ID:	NYD987025665
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	MOD095038998
TSDF ID:	TXD077603371
Waste Code:	D007 - CHROMIUM 5.0 MG/L TCLP
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NJA2237766
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	951212
Trans1 Recv Date:	951212
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951212
Part A Recv Date:	Not reported
Part B Recv Date:	951222
Generator EPA ID:	NYD987025665
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00018
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NJA2086414
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPE086
Trans2 State ID:	Not reported
Generator Ship Date:	951017
Trans1 Recv Date:	951017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951017
Part A Recv Date:	Not reported
Part B Recv Date:	951103
Generator EPA ID:	NYD987025665
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels

AUTO TECH (Continued) **1000791065**

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NJA2086445
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 960207
Trans1 Recv Date: 960207
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960207
Part A Recv Date: Not reported
Part B Recv Date: 960228
Generator EPA ID: NYD987025665
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00015
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96

Document ID: NJA1848159
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 940531
Trans1 Recv Date: 940531
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940531
Part A Recv Date: Not reported
Part B Recv Date: 940614
Generator EPA ID: NYD987025665
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00012
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 94

Document ID: NJA2077041
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported

AUTO TECH (Continued) **1000791065**

Generator Ship Date:	950307
Trans1 Recv Date:	950307
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950307
Part A Recv Date:	Not reported
Part B Recv Date:	950316
Generator EPA ID:	NYD987025665
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00014
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

AF467 **EDR US Hist Auto Stat** **1015580795**
North **622 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.231 mi.
1222 ft. **Site 22 of 24 in cluster AF**

Relative:
Higher

Actual:
22 ft.

EDR Historical Auto Stations:

Name:	AUTOTECH CENTER WEST
Year:	1999
Address:	622 W 57TH ST
Name:	AUTOTECH CENTER WEST
Year:	2000
Address:	622 W 57TH ST
Name:	AUTOTECH CTR WEST
Year:	2003
Address:	622 W 57TH ST
Name:	AUTOTECH NISSAN
Year:	2004
Address:	622 W 57TH ST
Name:	TOM KOS COLLISION CORP
Year:	2010
Address:	622 W 57TH ST
Name:	KOS TOM COLLISION CORP
Year:	2011
Address:	622 W 57TH ST
Name:	KOS TOM COLLISION CORP
Year:	2012
Address:	622 W 57TH ST

AQ468 **CON EDISON** **NY MANIFEST** **S112210789**
WSW **OPP 620 W 48 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.232 mi.
1223 ft. **Site 13 of 17 in cluster AQ**

Relative:
Lower

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004269817
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269817
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457150JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210789**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269817
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457150JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AS469 **795 9TH AVE** **NY LTANKS** **S102663056**
ESE **795 9TH AVE** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.232 mi.
1226 ft. **Site 2 of 10 in cluster AS**

Relative:
Higher

Actual:
60 ft.

LTANKS:

Site ID:	219737
Spill Number/Closed Date:	9702500 / 12/31/1997
Spill Date:	5/29/1997
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	5/29/1997
CID:	322
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False

795 9TH AVE (Continued) **S102663056**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/29/1997
Spill Record Last Update:	1/6/1998
Spiller Name:	JIM CAREY
Spiller Company:	CASTLE OIL CORPORATION
Spiller Address:	290 LOCUST AVE
Spiller City,St,Zip:	BRONX, NY
Spiller County:	001
Spiller Contact:	TONY
Spiller Phone:	(212) 582-7840
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	181730
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
Remarks:	STORAGE TANK WAS OVERFILLED - SPILL CLEANED UP

Material:

Site ID:	219737
Operable Unit ID:	1048490
Operable Unit:	01
Material ID:	335438
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	7
Units:	Gallons
Recovered:	7
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AF470 **TOYOTA BUILDING** **NY LTANKS** **S105135265**
North **623 WEST 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY**
0.233 mi.
1231 ft. **Site 23 of 24 in cluster AF**

Relative:
Higher

Actual:
22 ft.

LTANKS:

Site ID:	147400
Spill Number/Closed Date:	0104524 / 1/9/2006
Spill Date:	7/27/2001
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	VRNATTAN
Referred To:	Not reported
Reported to Dept:	7/27/2001
CID:	389

TOYOTA BUILDING (Continued) **S105135265**

Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/27/2001
Spill Record Last Update:	1/9/2006
Spiller Name:	Not reported
Spiller Company:	TOYOTA BUILDING
Spiller Address:	623 WEST 57TH ST
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	125476
DEC Memo:	Vivek Nattanmai. December 29, 2005Reviewed the spill report, identified the property owner and sent a letter dated 12/28/05 to the property owner requesting for information.January 9, 2006The letter was undelivered because of 'insufficent address'.The report is closed because this is above ground tank and there are no testing requirements for above ground tanks. In addition to this, no spillage occurred.SPILLS CLOSED ON JANUARY 9, 2006. VIVEK NATTANMAI.
Remarks:	Caller reporting a tank test failure it was an above ground tank and a pressure test was used no spillage

Material:

Site ID:	147400
Operable Unit ID:	842912
Operable Unit:	01
Material ID:	533015
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	147400
Spill Tank Test:	1526490
Tank Number:	1
Tank Size:	4000
Test Method:	99
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Alternate Test per 613.5a2v

AF471 **POTAMKIN TOYOTA** **NY UST** **U003800380**
North **623-629 WEST 57TH STREET** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019** **NY AST**
0.233 mi. **NY HIST AST**
1231 ft. **Site 24 of 24 in cluster AF**

Relative:
Higher

Actual:
22 ft.

UST:

Id/Status:	2-606368 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585070.57969000004
UTM Y:	4513782.5989300003

Affiliation Records:

Site Id:	28231
Affiliation Type:	Facility Owner
Company Name:	POTAMKIN TOYOTA
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	601 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 708-3102
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28231
Affiliation Type:	Mail Contact
Company Name:	POTAMKIN TOYOTA
Contact Type:	Not reported
Contact Name:	GEORGE SPALLINA
Address1:	601 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 708-3102
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28231
Affiliation Type:	On-Site Operator
Company Name:	POTAMKIN TOYOTA
Contact Type:	Not reported
Contact Name:	MIKE CONVERTINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

POTAMKIN TOYOTA (Continued) **U003800380**

Country Code:	001
Phone:	(212) 541-8470
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28231
Affiliation Type:	Emergency Contact
Company Name:	POTAMKIN TOYOTA
Contact Type:	Not reported
Contact Name:	GEORGE SPALLINA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 708-3102
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	01
Tank ID:	61331
Tank Status:	Closed - Removed
Capacity Gallons:	5000
Install Date:	Not reported
Date Tank Closed:	02/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	nrlombar
Last Modified:	06/01/2004

Equipment Records:

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

POTAMKIN TOYOTA (Continued) **U003800380**

HIST UST:

PBS Number:	2-606368
SPDES Number:	Not reported
Emergency Contact:	GEORGE SPALLINA
Emergency Telephone:	(212) 708-3102
Operator:	MIKE CONVERTINO
Operator Telephone:	(212) 541-8470
Owner Name:	POTAMKIN TOYOTA
Owner Address:	601 WEST 57TH STREET
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 708-3102
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	POTAMKIN TOYOTA
Mailing Address:	601 WEST 57TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	GEORGE SPALLINA
Mailing Telephone:	(212) 708-3102
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/20/2001
Expiration Date:	07/16/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	6375
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	01
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating

POTAMKIN TOYOTA (Continued) **U003800380**

Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	12/27/1987
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-606368
Program Type:	PBS
UTM X:	585070.57969000004
UTM Y:	4513782.5989300003
Expiration Date:	N/A

Affiliation Records:

Site Id:	28231
Affiliation Type:	Facility Owner
Company Name:	POTAMKIN TOYOTA
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	601 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 708-3102
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28231
Affiliation Type:	Mail Contact
Company Name:	POTAMKIN TOYOTA
Contact Type:	Not reported
Contact Name:	GEORGE SPALLINA
Address1:	601 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 708-3102

POTAMKIN TOYOTA (Continued) **U003800380**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28231
Affiliation Type:	On-Site Operator
Company Name:	POTAMKIN TOYOTA
Contact Type:	Not reported
Contact Name:	MIKE CONVERTINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 541-8470
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28231
Affiliation Type:	Emergency Contact
Company Name:	POTAMKIN TOYOTA
Contact Type:	Not reported
Contact Name:	GEORGE SPALLINA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 708-3102
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	02
Tank Id:	61332
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

POTAMKIN TOYOTA (Continued) **U003800380**

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/2002
Register:	True
Modified By:	nrlombar
Last Modified:	06/01/2004

Tank Number:	03
Tank Id:	61333
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/2002
Register:	True
Modified By:	nrlombar
Last Modified:	06/01/2004

Tank Number:	04
Tank Id:	61334
Material Code:	2642
Common Name of Substance:	Used Oil (Heating, On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None

POTAMKIN TOYOTA (Continued) **U003800380**

I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/2002
Register:	True
Modified By:	nrlombar
Last Modified:	06/01/2004

Tank Number:	05
Tank Id:	61335
Material Code:	2642
Common Name of Substance:	Used Oil (Heating, On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/2002
Register:	True
Modified By:	nrlombar
Last Modified:	06/01/2004

Tank Number:	06
Tank Id:	61336
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

C01 - Pipe Location - Aboveground

POTAMKIN TOYOTA (Continued) **U003800380**

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/2002
Register:	True
Modified By:	nrlombar
Last Modified:	06/01/2004

HIST AST:

PBS Number:	2-606368
SWIS Code:	6201
Operator:	MIKE CONVERTINO
Facility Phone:	(212) 541-8470
Facility Addr2:	Not reported
Facility Type:	OTHER
Emergency:	GEORGE SPALLINA
Emergency Tel:	(212) 708-3102
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	POTAMKIN TOYOTA
Owner Address:	601 WEST 57TH STREET
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 708-3102
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	GEORGE SPALLINA
Mailing Name:	POTAMKIN TOYOTA
Mailing Address:	601 WEST 57TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 708-3102
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/20/2001
Expiration:	07/16/2006
Renew Flag:	False
Renew Date:	Not reported

POTAMKIN TOYOTA (Continued) **U003800380**

Total Capacity: 6375
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 62
Town or City Code: 01
Region: 2

Tank ID: 02
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 275
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 1
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 0
Tank Containment: None
Leak Detection: 0
Overfill Protection: 0
Dispenser Method: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 03
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 275
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 1
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 0
Tank Containment: None
Leak Detection: 0
Overfill Protection: 0
Dispenser Method: Submersible

POTAMKIN TOYOTA (Continued) **U003800380**

Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	04
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	275
Product Stored:	USED OIL (FUEL)
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	05
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	275
Product Stored:	USED OIL (FUEL)
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Submersible
Date Tested:	Not reported

POTAMKIN TOYOTA (Continued) **U003800380**

Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	06
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AS472 **EDR US Hist Cleaners** **1015096095**
ESE **794 9TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.233 mi.
1232 ft. **Site 3 of 10 in cluster AS**

Relative:
Higher

Actual:
59 ft.

EDR Historical Cleaners:

Name:	ZANUSSI AUTOMATIC LAUNDRY
Year:	1999
Address:	794 9TH AVE
Name:	ZANUSSI AUTOMATIC LAUNDRY
Year:	2000
Address:	794 9TH AVE
Name:	ZANUSSI AUTOMATIC LAUNDRY
Year:	2004
Address:	794 9TH AVE
Name:	ZANUSSI AUTOMATIC LAUNDRY
Year:	2010

(Continued) **1015096095**

Address: 794 9TH AVE

AS473 **782 9TH AVENUE** **NY AST** **A100348972**
SE **782 NINTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.234 mi.
1233 ft. **Site 4 of 10 in cluster AS**

Relative:
Higher

Actual:
57 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-611231
Program Type:	PBS
UTM X:	585417.60768000002
UTM Y:	4513132.6304799998
Expiration Date:	N/A

Affiliation Records:

Site Id:	424371
Affiliation Type:	Mail Contact
Company Name:	LUCHARD REALTY
Contact Type:	Not reported
Contact Name:	RICHARD S KIM
Address1:	782 9TH AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 757-0328
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/11/2010

Site Id:	424371
Affiliation Type:	Facility Owner
Company Name:	RICHARD J. KIM
Contact Type:	PRES
Contact Name:	RICHARD J. KIM
Address1:	371 WEST 52ND STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 757-0328\\
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/11/2010

Site Id:	424371
Affiliation Type:	On-Site Operator
Company Name:	782 9TH AVENUE
Contact Type:	Not reported
Contact Name:	RICHARD KIM

782 9TH AVENUE (Continued) **A100348972**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 757-0328
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/28/2010

Site Id:	424371
Affiliation Type:	Emergency Contact
Company Name:	LUCHARD REALTY
Contact Type:	Not reported
Contact Name:	RICHARD KIM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 679-5356
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/28/2010

Tank Info:

Tank Number:	01
Tank Id:	232624
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	10/13/2009
Capacity Gallons:	1500
Tightness Test Method:	NN

782 9TH AVENUE (Continued) **A100348972**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	02/11/2010

AS474 **KIM'S CLEANERS** **NY DRYCLEANERS** **S110247040**
SE **782 NINTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.234 mi.
1233 ft. **Site 5 of 10 in cluster AS**

Relative:
Higher

Actual:
57 ft.

DRYCLEANERS:

Facility ID:	2-6202-01210
Phone Number:	212-757-9237
Region:	Not reported
Registration Effective Date:	5/18/2000 09:03:19:573
Inspection Date:	08JUN4
Install Date:	95/00
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	Not reported
Current Business:	Not reported

AS475 **DELTA FABRIC CARE CO INC DBA KIMS CLNERS** **RCRA-CESQG** **1000395092**
SE **782 NINTH AVE** **FINDS** **NYD091202473**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.234 mi.
1233 ft. **Site 6 of 10 in cluster AS**

Relative:
Higher

Actual:
57 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	DELTA FABRIC CARE CO INC DBA KIMS CLNERS
Facility address:	782 NINTH AVE NEW YORK, NY 10019
EPA ID:	NYD091202473
Mailing address:	NINTH AVE NEW YORK, NY 10019
Contact:	Not reported
Contact address:	NINTH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	DELTA FABRIC CARE CO INC DBA KIMS CLNERS
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	07/14/1999
Facility name:	DELTA FABRIC CARE CO INC DBA KIMS CLNERS
Classification:	Small Quantity Generator

Date form received by agency:	07/22/1985
Facility name:	DELTA FABRIC CARE CO INC DBA KIMS CLNERS

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110004373918

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYD091202473
Country: USA
Mailing Name: DELTA FABRIC CARE-KIM CLEANERS
Mailing Contact: DELTA FABRIC CARE-KIM CLEANERS
Mailing Address: 782 9TH AVENUE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-757-9237

Document ID: NJA1359127
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 921221
Trans1 Recv Date: 921221
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921221
Part A Recv Date: 930120
Part B Recv Date: 921231
Generator EPA ID: NYD091202473
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00140
Units: P - Pounds
Number of Containers: 002

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NJA2041896
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950106
Trans1 Recv Date:	950106
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950106
Part A Recv Date:	950113
Part B Recv Date:	950126
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00140
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2663978
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	970430
Trans1 Recv Date:	970430
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970430
Part A Recv Date:	970513
Part B Recv Date:	970519
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYC4524658
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	08690

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Trans2 State ID:	Not reported
Generator Ship Date:	971021
Trans1 Recv Date:	971021
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971028
Part A Recv Date:	Not reported
Part B Recv Date:	971202
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NJA0720262
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900102
Trans1 Recv Date:	900102
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900102
Part A Recv Date:	900111
Part B Recv Date:	900105
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00280
Units:	P - Pounds
Number of Containers:	004
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0732967
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900122
Trans1 Recv Date:	900122
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900122
Part A Recv Date:	900129
Part B Recv Date:	900125
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD051060408

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00280
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NJA0711538
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890907
Trans1 Recv Date:	890907
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890907
Part A Recv Date:	890911
Part B Recv Date:	890914
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00140
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA0715162
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	891030
Trans1 Recv Date:	891030
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891030
Part A Recv Date:	891109
Part B Recv Date:	891121
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00280
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Year: 89

Document ID: NJA0717940
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 891201
Trans1 Recv Date: 891201
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891201
Part A Recv Date: 891205
Part B Recv Date: 891207
Generator EPA ID: NYD091202473
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00280
Units: P - Pounds
Number of Containers: 004
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NJA0215387
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 860724
Trans1 Recv Date: 860724
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860724
Part A Recv Date: 860812
Part B Recv Date: 860807
Generator EPA ID: NYD091202473
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00960
Units: P - Pounds
Number of Containers: 016
Container Type: CW - Wooden boxes
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NJA2740014
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 970618
Trans1 Recv Date: 970618

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970618
Part A Recv Date:	970708
Part B Recv Date:	970721
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYC5914811
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCD987574647
Generator Ship Date:	09/13/1999
Trans1 Recv Date:	09/13/1999
Trans2 Recv Date:	09/17/1999
TSD Site Recv Date:	09/21/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP0869
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

Document ID:	NYC5638140
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	MOD095038998
Generator Ship Date:	05/21/1999
Trans1 Recv Date:	05/21/1999
Trans2 Recv Date:	05/26/1999
TSD Site Recv Date:	05/27/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NJDEP0869
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

Document ID:	NJA1456286
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920709
Trans1 Recv Date:	920709
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920709
Part A Recv Date:	Not reported
Part B Recv Date:	920717
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00140
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NJA1415669
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920928
Trans1 Recv Date:	920928
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920928
Part A Recv Date:	921016
Part B Recv Date:	921007
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00220
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Document ID:	NJA1461669
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920803
Trans1 Recv Date:	920803
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920803
Part A Recv Date:	920814
Part B Recv Date:	920814
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00140
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	MNA5025565
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	Not reported
Generator Ship Date:	861125
Trans1 Recv Date:	861125
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	861125
Part A Recv Date:	870108
Part B Recv Date:	861212
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	NJD000768093
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0229096
Manifest Status:	Completed copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	860821
Trans1 Recv Date:	860821
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860821
Part A Recv Date:	860903

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Part B Recv Date:	860903
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	NJD000768093
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0207513
Manifest Status:	Completed copy
Trans1 State ID:	NJSWAS284
Trans2 State ID:	Not reported
Generator Ship Date:	860513
Trans1 Recv Date:	860513
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860513
Part A Recv Date:	860519
Part B Recv Date:	860521
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	NJD002200046
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00532
Units:	P - Pounds
Number of Containers:	014
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0817753
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900321
Trans1 Recv Date:	900321
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900321
Part A Recv Date:	900413
Part B Recv Date:	900330
Generator EPA ID:	NYD091202473
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	003

DELTA FABRIC CARE CO INC DBA KIMS CLNERS (Continued) **1000395092**

Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Click this hyperlink while viewing on your computer to access
138 additional NY_MANIFEST: record(s) in the EDR Site Report.

AS476 **EDR US Hist Cleaners** **1015095395**
SE **782 9TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.234 mi.
1233 ft. **Site 7 of 10 in cluster AS**

Relative:
Higher

Actual:
57 ft.

EDR Historical Cleaners:

Name:	KIMS CLEANERS
Year:	2001
Address:	782 9TH AVE
Name:	KIMS CLEANERS
Year:	2005
Address:	782 9TH AVE
Name:	KIMS CLEANERS
Year:	2006
Address:	782 9TH AVE
Name:	KIMS CLEANERS
Year:	2007
Address:	782 9TH AVE
Name:	KIMS CLEANERS
Year:	2008
Address:	782 9TH AVE
Name:	KIMS CLEANERS
Year:	2010
Address:	782 9TH AVE

AS477 **786 9TH AVENUE** **NY AST** **U004045763**
ESE **786 9TH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.234 mi.
1233 ft. **Site 8 of 10 in cluster AS**

Relative:
Higher

Actual:
57 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Facility Id:	2-471097
Program Type:	PBS
UTM X:	585462.95930999995
UTM Y:	4513159.4467000002
Expiration Date:	N/A

Affiliation Records:

Site Id:	20658

786 9TH AVENUE (Continued) **U004045763**

Affiliation Type:	Facility Owner
Company Name:	CITY OF NEW YORK H.P.D.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8565
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20658
Affiliation Type:	Mail Contact
Company Name:	CITY OF NEW YORK H.P.D.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	75 MAIDEN LANE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 806-8565
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20658
Affiliation Type:	On-Site Operator
Company Name:	786 9TH AVENUE
Contact Type:	Not reported
Contact Name:	P. LODH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 806-8091
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20658
Affiliation Type:	Emergency Contact
Company Name:	CITY OF NEW YORK H.P.D.
Contact Type:	Not reported
Contact Name:	MS. JUANITA__ARSENEC
Address1:	Not reported
Address2:	Not reported

786 9TH AVENUE (Continued) **U004045763**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 360-7900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	37379
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/08/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

AS478 **CON EDISON** **NY HIST AST** **U003395020**
ESE **786 9TH AVE** **NY MANIFEST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.234 mi.
1233 ft. **Site 9 of 10 in cluster AS**

Relative:
Higher

Actual:
57 ft.

HIST AST:

PBS Number:	2-471097
SWIS Code:	6201
Operator:	P. LODH
Facility Phone:	(212) 806-8091
Facility Addr2:	786 9TH AVENUE
Facility Type:	Not reported
Emergency:	MS. JUANITA__ARSENEC
Emergency Tel:	(212) 360-7900
Old PBSNO:	Not reported
Date Inspected:	Not reported

CON EDISON (Continued) **U003395020**

Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK H.P.D.
Owner Address:	75 MAIDEN LANE
Owner City,St,Zip:	NEW YORK, NY 10038
Federal ID:	Not reported
Owner Tel:	(212) 806-8091
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	CITY OF NEW YORK H.P.D.
Mailing Address:	75 MAIDEN LANE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Telephone:	(212) 806-8091
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/28/1989
Expiration:	03/28/1994
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported

CON EDISON (Continued) **U003395020**

Test Method: Not reported
Deleted: False
Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

NY MANIFEST:
EPA ID: NYP004270872
Country: USA
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-09-27
Trans1 Recv Date: 2012-09-27
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-09-28
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004270872
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 010457324JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

CON EDISON (Continued) **U003395020**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-27
Trans1 Recv Date:	2012-09-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004270872
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457324JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AS479 **786 NINTH AVE TENANT INTRIM LEASE** **NY AST** **U003388785**
ESE **786 NINTH AVENUE** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.234 mi.
1233 ft. **Site 10 of 10 in cluster AS**

Relative:
Higher

Actual:
57 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-280674
Program Type:	PBS
UTM X:	585462.95930999995
UTM Y:	4513159.4467000002
Expiration Date:	2017/07/14

Affiliation Records:

Site Id:	12271
Affiliation Type:	Mail Contact
Company Name:	786 9TH AVE HDFC
Contact Type:	Not reported
Contact Name:	WESLEY WESTENBERG
Address1:	786 9TH AVENUE

786 NINTH AVE TENANT INTRIM LEASE (Continued) **U003388785**

Address2:	2 FN
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(917) 816-6801
EMail:	WESWES913@GMAIL.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/2/2012

Site Id:	12271
Affiliation Type:	On-Site Operator
Company Name:	786 NINTH AVE H.D.F.C
Contact Type:	Not reported
Contact Name:	NEW YORK HEATING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 782-3894
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12271
Affiliation Type:	Emergency Contact
Company Name:	CITY OF NEW YORK
Contact Type:	Not reported
Contact Name:	WESLEY WESTENBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 977-9050
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12271
Affiliation Type:	Facility Owner
Company Name:	786 9TH AVE HDFC
Contact Type:	BLDG. MANAGER
Contact Name:	WESLEY WESTENBERG
Address1:	786 9TH AVENUE.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 977-9050

786 NINTH AVE TENANT INTRIM LEASE (Continued) **U003388785**

EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 10/2/2012

Tank Info:

Tank Number: 001
Tank Id: 14631
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1955
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 10/02/2012

HIST AST:

PBS Number: 2-280674
SWIS Code: 6201
Operator: NEW YORK HEATING
Facility Phone: (718) 782-3894
Facility Addr2: 786 9TH AVENUE
Facility Type: APARTMENT BUILDING
Emergency: CLINTON HOUSING DEVELOPMENT
Emergency Tel: (212) 279-4079
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: CITY OF NEW YORK
Owner Address: 100 GOLD STREET
Owner City,St,Zip: NEW YORK, NY 10038
Federal ID: Not reported

786 NINTH AVE TENANT INTRIM LEASE (Continued) **U003388785**

Owner Tel:	(212) 386-7091
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	KATHY PRIOLEAU
Mailing Name:	CLINTON HOUSING DEV. CO.,INC
Mailing Address:	454 WEST 35TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10001
Mailing Telephone:	(212) 279-4079
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/26/1997
Expiration:	07/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19550101
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AQ480 **CON EDISON** **NY MANIFEST** **S112210791**
WSW **624 W 48 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10003**
0.234 mi.
1234 ft. **Site 14 of 17 in cluster AQ**

Relative:
Lower

Actual:
17 ft.

NY MANIFEST:

EPA ID:	NYP004269833
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269833
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457152JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210791**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-09-21
Trans1 Recv Date:	2012-09-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-09-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004269833
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010457152JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AU481 **CON EDISON** **NY MANIFEST** **S112817676**
ENE **473 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.234 mi.
1235 ft. **Site 2 of 12 in cluster AU**

Relative:
Higher

Actual:
70 ft.

NY MANIFEST:

EPA ID:	NYP004275830
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

NY MANIFEST:

No Manifest Records Available

AO482 **NYCTA** **RCRA NonGen / NLR** **1000140958**
ESE **806 9TH AVE** **FINDS** **NYD980642201**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.234 mi.
1235 ft. **Site 7 of 20 in cluster AO**

Relative:
Higher

Actual:
61 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	NYCTA
Facility address:	806 9TH AVE NEW YORK, NY 10019
EPA ID:	NYD980642201
Mailing address:	JAMAICA AVE BROOKLYN, NY 11207
Contact:	GARY FEIL
Contact address:	JAMAICA AVE BROOKLYN, NY 11207
Contact country:	US
Contact telephone:	(212) 498-8149
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CITY OF NEW YORK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF NEW YORK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

NYCTA (Continued) **1000140958**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYCTA
Classification: Not a generator, verified

Date form received by agency: 05/21/1982
Facility name: NYCTA
Classification: Unverified

Violation Status: No violations found

FINDS:

Registry ID: 110004388190

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYD980642201
Country: USA
Mailing Name: NYCTA
Mailing Contact: N/S
Mailing Address: 370 JAY ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11201
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-690-9611

Document ID: NJA1437674
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920427
Trans1 Recv Date: 920427
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920427
Part A Recv Date: Not reported
Part B Recv Date: 920608
Generator EPA ID: NYD980642201
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093

NYCTA (Continued) **1000140958**

Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1453674
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 921231
Trans1 Recv Date: 921231
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921231
Part A Recv Date: Not reported
Part B Recv Date: 930120
Generator EPA ID: NYD980642201
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00688
Units: P - Pounds
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA0725576
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 891221
Trans1 Recv Date: 891221
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891221
Part A Recv Date: 900109
Part B Recv Date: 900103
Generator EPA ID: NYD980642201
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

NYCTA (Continued) **1000140958**

Document ID: NJA0715871
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 891122
Trans1 Recv Date: 891122
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891122
Part A Recv Date: 891211
Part B Recv Date: 891204
Generator EPA ID: NYD980642201
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NJA0709688
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 891026
Trans1 Recv Date: 891026
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891026
Part A Recv Date: 891101
Part B Recv Date: 891103
Generator EPA ID: NYD980642201
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NJA1417830
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920720
Trans1 Recv Date: 920720
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920720
Part A Recv Date: 920812

NYCTA (Continued) **1000140958**

Part B Recv Date: 920730
Generator EPA ID: NYD980642201
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NJA1968903
Manifest Status: Completed copy
Trans1 State ID: S5811
Trans2 State ID: Not reported
Generator Ship Date: 950420
Trans1 Recv Date: 950420
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950420
Part A Recv Date: 950505
Part B Recv Date: 950504
Generator EPA ID: NYD980642201
Trans1 EPA ID: NJD982281016
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: F005 - UNKNOWN
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95

Document ID: NJA1968904
Manifest Status: Completed copy
Trans1 State ID: S5811
Trans2 State ID: Not reported
Generator Ship Date: 950420
Trans1 Recv Date: 950420
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950420
Part A Recv Date: Not reported
Part B Recv Date: 950505
Generator EPA ID: NYD980642201
Trans1 EPA ID: NJD982281016
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: F005 - UNKNOWN
Quantity: 00085
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001

NYCTA (Continued) **1000140958**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA0203207
Manifest Status:	Completed copy
Trans1 State ID:	NJDEP8690
Trans2 State ID:	Not reported
Generator Ship Date:	860714
Trans1 Recv Date:	860714
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860714
Part A Recv Date:	860725
Part B Recv Date:	860725
Generator EPA ID:	NYD980642201
Trans1 EPA ID:	NJD000768093
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00160
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0107182
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEP8690
Trans2 State ID:	Not reported
Generator Ship Date:	860327
Trans1 Recv Date:	860327
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860327
Part A Recv Date:	860404
Part B Recv Date:	860422
Generator EPA ID:	NYD980642201
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00160
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.

NYCTA (Continued) **1000140958**

Specific Gravity: 100
Year: 86

Document ID: NJA0203206
Manifest Status: Completed copy
Trans1 State ID: NJDEP8690
Trans2 State ID: Not reported
Generator Ship Date: 860617
Trans1 Recv Date: 860617
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860617
Part A Recv Date: 860625
Part B Recv Date: 860626
Generator EPA ID: NYD980642201
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00160
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NJA0219214
Manifest Status: Completed copy
Trans1 State ID: NJSWAS300
Trans2 State ID: Not reported
Generator Ship Date: 860702
Trans1 Recv Date: 860702
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860702
Part A Recv Date: 860721
Part B Recv Date: 860710
Generator EPA ID: NYD980642201
Trans1 EPA ID: NJD991291105
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: X726 - MISC OIL/GAS PRODUCTS (NJ ONLY)
Quantity: 01600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: PAC1193791
Manifest Status: Completed copy
Trans1 State ID: PA-AH0032
Trans2 State ID: Not reported
Generator Ship Date: 891020

NYCTA (Continued) **1000140958**

Trans1 Recv Date:	891020
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891020
Part A Recv Date:	891027
Part B Recv Date:	891030
Generator EPA ID:	NYD980642201
Trans1 EPA ID:	PAD064375470
Trans2 EPA ID:	Not reported
TSDF ID:	PAD064375470
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00225
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	89

Document ID:	NJA0811712
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900502
Trans1 Recv Date:	900502
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900502
Part A Recv Date:	900613
Part B Recv Date:	900620
Generator EPA ID:	NYD980642201
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00172
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NJA0919656
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900531
Trans1 Recv Date:	900531
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900531
Part A Recv Date:	900718
Part B Recv Date:	900723
Generator EPA ID:	NYD980642201
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093

NYCTA (Continued) **1000140958**

Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0804193
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900404
Trans1 Recv Date: 900404
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900404
Part A Recv Date: 900425
Part B Recv Date: 900411
Generator EPA ID: NYD980642201
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0818342
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 900312
Trans1 Recv Date: 900312
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900312
Part A Recv Date: 900402
Part B Recv Date: 900405
Generator EPA ID: NYD980642201
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

NYCTA (Continued) **1000140958**

Document ID: PAC1193555
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: PA-AH0032
Trans2 State ID: Not reported
Generator Ship Date: 900313
Trans1 Recv Date: 900313
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900313
Part A Recv Date: 900403
Part B Recv Date: 900425
Generator EPA ID: NYD980642201
Trans1 EPA ID: PAD064375470
Trans2 EPA ID: Not reported
TSDF ID: PAD064375470
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00422
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NJA0200755
Manifest Status: Completed copy
Trans1 State ID: NJSWAS300
Trans2 State ID: Not reported
Generator Ship Date: 860624
Trans1 Recv Date: 860624
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860624
Part A Recv Date: 860702
Part B Recv Date: 860630
Generator EPA ID: NYD980642201
Trans1 EPA ID: NJD991291105
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: X726 - MISC OIL/GAS PRODUCTS (NJ ONLY)
Quantity: 02400
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: NJA0107041
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: IL009NJDE
Trans2 State ID: Not reported
Generator Ship Date: 860227
Trans1 Recv Date: 860227
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860227
Part A Recv Date: 860403

NYCTA (Continued) **1000140958**

Part B Recv Date:	860310
Generator EPA ID:	NYD980642201
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00160
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Click this hyperlink while viewing on your computer to access
97 additional NY_MANIFEST: record(s) in the EDR Site Report.

AO483 **54TH STREET BUS DEPOT** **NY UST** **U003297747**
ESE **806 9TH AVENUE** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019** **NY AST**
0.234 mi. **NY HIST AST**
1235 ft. **Site 8 of 20 in cluster AO**

Relative:
Higher

Actual:
61 ft.

UST:

Id/Status:	2-190039 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585503.30018000002
UTM Y:	4513233.4080600003

Affiliation Records:

Site Id:	5841
Affiliation Type:	Emergency Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	HOWARD MATZA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 243-4581
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	4/15/2005

Site Id:	5841
Affiliation Type:	Mail Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	MR. HOWARD MATZA
Address1:	370 JAY ST ROOM 819
Address2:	Not reported
City:	BROOKLYN

54TH STREET BUS DEPOT (Continued) **U003297747**

State: NY
Zip Code: 11201
Country Code: 001
Phone: (718) 330-4581
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 5841
Affiliation Type: On-Site Operator
Company Name: 54TH STREET BUS DEPOT
Contact Type: Not reported
Contact Name: NYC TRANSIT AUTHORITY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 240-3179
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 5841
Affiliation Type: Facility Owner
Company Name: NYC TRANSIT AUTHORITY
Contact Type: Not reported
Contact Name: Not reported
Address1: 370 JAY ST ROOM 819
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11201
Country Code: 001
Phone: (718) 243-4581
EMail: Not reported
Fax Number: Not reported
Modified By: ANAUSTIN
Date Last Modified: 6/1/2005

Tank Info:

Tank Number: 005
Tank ID: 6550
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1996
Date Tank Closed: 11/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

54TH STREET BUS DEPOT (Continued) **U003297747**

Tightness Test Method: ZZ
Date Test: 01/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None

Tank Number: 017
Tank ID: 54079
Tank Status: Closed - Removed
Capacity Gallons: 1000
Install Date: Not reported
Date Tank Closed: 03/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Number: 018
Tank ID: 54080
Tank Status: Closed - Removed
Capacity Gallons: 200
Install Date: 03/01/1997
Date Tank Closed: 03/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

54TH STREET BUS DEPOT (Continued) **U003297747**

Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Number: 019
Tank ID: 54081
Tank Status: Closed - Removed
Capacity Gallons: 200
Install Date: 03/01/1997
Date Tank Closed: 03/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

HIST UST:
PBS Number: 2-190039
SPDES Number: Not reported
Emergency Contact: HOWARD MATZA
Emergency Telephone: (718) 243-4581
Operator: NYC TRANSIT AUTHORITY
Operator Telephone: (718) 240-3179
Owner Name: NYC TRANSIT AUTHORITY

54TH STREET BUS DEPOT (Continued) **U003297747**

Owner Address:	370 JAY ST ROOM 819
Owner City,St,Zip:	BROOKLYN, NY 11201
Owner Telephone:	(718) 330-4581
Owner Type:	State Government
Owner Subtype:	NYS Department of Environmental Conservation
Mailing Name:	NYC TRANSIT AUTHORITY
Mailing Address:	370 JAY ST ROOM 819
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11201
Mailing Contact:	MR. HOWARD MATZA
Mailing Telephone:	(718) 330-4581
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	806 9TH AVENUE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/08/1993
Expiration Date:	06/05/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	Closed-Removed
Install Date:	19961201
Capacity (gals):	5000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	01/01/1992

54TH STREET BUS DEPOT (Continued) **U003297747**

Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 11/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: Closed-Removed
Install Date: 19961201
Capacity (gals): 5000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: 01/01/1992
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 11/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: Closed Before April 1, 1991
Install Date: 19781201
Capacity (gals): 5000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported

54TH STREET BUS DEPOT (Continued) **U003297747**

Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	Closed Before April 1, 1991
Install Date:	19781201
Capacity (gals):	5000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19961201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	01/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	11/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True

54TH STREET BUS DEPOT (Continued) **U003297747**

Lat/long: Not reported

Tank Id: 011
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: Closed-Removed
Install Date: 19961201
Capacity (gals): 5000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 11/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 012
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: Closed-Removed
Install Date: 19961201
Capacity (gals): 5000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 11/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

54TH STREET BUS DEPOT (Continued) **U003297747**

Tank Id:	017
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	1000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/01/1997
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	018
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19970301
Capacity (gals):	200
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/01/1997
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	019
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

54TH STREET BUS DEPOT (Continued) **U003297747**

Install Date:	19970301
Capacity (gals):	200
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/01/1997
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-190039
Program Type:	PBS
UTM X:	585503.30018000002
UTM Y:	4513233.4080600003
Expiration Date:	N/A

Affiliation Records:

Site Id:	5841
Affiliation Type:	Emergency Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	HOWARD MATZA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 243-4581
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	4/15/2005

Site Id:	5841
Affiliation Type:	Mail Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	MR. HOWARD MATZA
Address1:	370 JAY ST ROOM 819

54TH STREET BUS DEPOT (Continued) **U003297747**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 330-4581
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	5841
Affiliation Type:	On-Site Operator
Company Name:	54TH STREET BUS DEPOT
Contact Type:	Not reported
Contact Name:	NYC TRANSIT AUTHORITY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 240-3179
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	5841
Affiliation Type:	Facility Owner
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	370 JAY ST ROOM 819
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 243-4581
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ANAUSTIN
Date Last Modified:	6/1/2005

Tank Info:

Tank Number:	001
Tank Id:	6546
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

54TH STREET BUS DEPOT (Continued) **U003297747**

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	5000
Tightness Test Method:	ZZ
Date Test:	01/01/1992
Next Test Date:	Not reported
Date Tank Closed:	11/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	002
Tank Id:	6547
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	5000
Tightness Test Method:	ZZ
Date Test:	01/01/1992
Next Test Date:	Not reported
Date Tank Closed:	11/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	003
Tank Id:	6548
Material Code:	0008
Common Name of Substance:	Diesel

54TH STREET BUS DEPOT (Continued) **U003297747**

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed Prior to Micro Conversion, 03/91
Pipe Model:	Not reported
Install Date:	12/01/1978
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	004
Tank Id:	6549
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed Prior to Micro Conversion, 03/91
Pipe Model:	Not reported
Install Date:	12/01/1978
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	006

54TH STREET BUS DEPOT (Continued) **U003297747**

Tank Id: 6551
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/01/1996
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 007
Tank Id: 6552
Material Code: 9999
Common Name of Substance: Other

Equipment Records:
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

54TH STREET BUS DEPOT (Continued) **U003297747**

Tank Number: 008
Tank Id: 6553
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/01/1996
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 009
Tank Id: 6554
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/01/1996
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

54TH STREET BUS DEPOT (Continued) **U003297747**

Tank Number: 010
Tank Id: 6555
Material Code: 9999
Common Name of Substance: Other

Equipment Records:
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/01/1996
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 011
Tank Id: 51433
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
I00 - Overfill - None
J00 - Dispenser - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/01/1996
Register: True

54TH STREET BUS DEPOT (Continued) **U003297747**

Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 012
Tank Id: 51434
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
I00 - Overfill - None
J00 - Dispenser - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/01/1996
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 013
Tank Id: 51435
Material Code: 9999
Common Name of Substance: Other

Equipment Records:
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1996
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported

54TH STREET BUS DEPOT (Continued) **U003297747**

Next Test Date:	Not reported
Date Tank Closed:	09/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	014
Tank Id:	51436
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/01/1992
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	015
Tank Id:	51437
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	550

54TH STREET BUS DEPOT (Continued) **U003297747**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	016
Tank Id:	51438
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1996
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-190039
SWIS Code:	6201
Operator:	NYC TRANSIT AUTHORITY
Facility Phone:	(718) 240-3179
Facility Addr2:	806 9TH AVENUE
Facility Type:	Not reported
Emergency:	HOWARD MATZA
Emergency Tel:	(718) 243-4581
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NYC TRANSIT AUTHORITY
Owner Address:	370 JAY ST ROOM 819
Owner City,St,Zip:	BROOKLYN, NY 11201
Federal ID:	Not reported
Owner Tel:	(718) 330-4581
Owner Type:	State Government

54TH STREET BUS DEPOT (Continued) **U003297747**

Owner Subtype:	01
Mailing Contact:	MR. HOWARD MATZA
Mailing Name:	NYC TRANSIT AUTHORITY
Mailing Address:	370 JAY ST ROOM 819
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11201
Mailing Telephone:	(718) 330-4581
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	02/08/1993
Expiration:	06/05/1997
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	006
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	19961201
Capacity (Gal):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	1
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	09/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	007
Tank Location:	ABOVEGROUND

54TH STREET BUS DEPOT (Continued) **U003297747**

Tank Status:	Closed-Removed
Install Date:	19961201
Capacity (Gal):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	1
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	008
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	19961201
Capacity (Gal):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	Not reported
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	09/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	009
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed

54TH STREET BUS DEPOT (Continued) **U003297747**

Install Date:	19961201
Capacity (Gal):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	09/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	010
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	19961201
Capacity (Gal):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	Not reported
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	09/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	013
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	19961201

54TH STREET BUS DEPOT (Continued) **U003297747**

Capacity (Gal):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	01
Tank Containment:	None
Leak Detection:	00
Overfill Protection:	00
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	09/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	014
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	19961201
Capacity (Gal):	275
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	00
Tank Containment:	None
Leak Detection:	00
Overfill Protection:	00
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	10/01/1992
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	015
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	19961201
Capacity (Gal):	550

54TH STREET BUS DEPOT (Continued) **U003297747**

Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Vault (w/access)
Leak Detection:	00
Overfill Protection:	00
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	09/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	016
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	19961201
Capacity (Gal):	550
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Vault (w/access)
Leak Detection:	00
Overfill Protection:	00
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	09/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AO484 **811 9TH AVENUE** **NY AST** **U003384008**
ESE **811 9TH AVENUE** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.234 mi.
1236 ft. **Site 9 of 20 in cluster AO**

Relative:
Higher

Actual:
62 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-061565
Program Type:	PBS
UTM X:	585505.82006000006
UTM Y:	4513263.7457600003
Expiration Date:	2017/07/19

Affiliation Records:

Site Id:	1099
Affiliation Type:	Mail Contact
Company Name:	HEARST COMMUNICATIONS INC C/O AAG MGT INC
Contact Type:	Not reported
Contact Name:	DAVID GROSSMAN
Address1:	421 7TH AVE
Address2:	15TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10001
Country Code:	001
Phone:	(212) 564-7250
EMail:	INFO@AAGMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2/10/2012

Site Id:	1099
Affiliation Type:	On-Site Operator
Company Name:	811 9TH AVENUE
Contact Type:	Not reported
Contact Name:	JIM CHERRY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 607-7482
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2/2/2007

Site Id:	1099
Affiliation Type:	Emergency Contact
Company Name:	811 NINTH AVE, LLC C/O AAG MANAGEMENT INC
Contact Type:	Not reported
Contact Name:	JIM CHERRY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

811 9TH AVENUE (Continued) **U003384008**

Zip Code:	Not reported
Country Code:	999
Phone:	(917) 607-7482
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2/2/2007

Site Id:	1099
Affiliation Type:	Facility Owner
Company Name:	HEARST COMMUNICATIONS INC
Contact Type:	MANAGING AGENT
Contact Name:	HEARST COMMUNICATIONS INC
Address1:	421 7TH AVE, 15TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10001
Country Code:	001
Phone:	(212) 564-7250
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2/10/2012

Tank Info:

Tank Number:	001
Tank Id:	2777
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H99 - Tank Leak Detection - Other

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/09/1951
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

811 9TH AVENUE (Continued) **U003384008**

Modified By: BVCAMPBE
Last Modified: 02/10/2012

HIST AST:

PBS Number:	2-061565
SWIS Code:	6201
Operator:	JULIAN ROJAS
Facility Phone:	(212) 246-0990
Facility Addr2:	811 9TH AVENUE
Facility Type:	APARTMENT BUILDING
Emergency:	JULIAN ROJAS
Emergency Tel:	(212) 246-0990
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	811 STERLING ASSOCIATES
Owner Address:	111 GREAT NECK ROAD
Owner City,St,Zip:	GREAT NECK, NY 11021
Federal ID:	Not reported
Owner Tel:	(212) 986-3200
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	PHYLLIS LEONE
Mailing Name:	811 STERLING ASSOCIATES
Mailing Address:	111 GREAT NECK ROAD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	GREAT NECK, NY 11021
Mailing Telephone:	(212) 986-3200
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	05/20/1997
Expiration:	05/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel

811 9TH AVENUE (Continued) **U003384008**

Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	9
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AQ485 **624 WEST 48TH STREET** **NY LTANKS** **S102148544**
WSW **624 WEST 48TH STREET** **NY Spills** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.234 mi.
1237 ft. **Site 15 of 17 in cluster AQ**

Relative:
Lower

Actual:
17 ft.

LTANKS:

Site ID:	315734
Spill Number/Closed Date:	9408956 / 8/6/1996
Spill Date:	10/5/1994
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	10/5/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/2/1994
Spill Record Last Update:	4/17/1997
Spiller Name:	Not reported
Spiller Company:	NYNEX
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2

624 WEST 48TH STREET (Continued) **S102148544**

DER Facility ID: 130848
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
Remarks: WILL INVESTIGATE-POSS. REPLACE TANK

Material:
Site ID: 315734
Operable Unit ID: 1003024
Operable Unit: 01
Material ID: 378379
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 315734
Spill Tank Test: 1543214
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

SPILLS:
Facility ID: 9405727
DER Facility ID: 130848
Facility Type: ER
Site ID: 112763
DEC Region: 2
Spill Date: 7/26/1994
Spill Number/Closed Date: 9405727 / 2/13/2003
Spill Cause: Unknown
Spill Class: No spill occured. No DEC Response. No corrective action required.
SWIS: 3101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 7/27/1994
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False

624 WEST 48TH STREET (Continued) **S102148544**

Remediation Phase:	0
Date Entered In Computer:	10/18/1994
Spill Record Last Update:	11/17/2003
Spiller Name:	Not reported
Spiller Company:	630 W. 48TH STREET
Spiller Address:	Not reported
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	DISOCVERED SOIL IN EXCAVATION OF OLD TANKS- TO REPLACE WITH NEW TANKS

Material:

Site ID:	112763
Operable Unit ID:	1002928
Operable Unit:	01
Material ID:	382312
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9405547
DER Facility ID:	130848
Facility Type:	ER
Site ID:	315732
DEC Region:	2
Spill Date:	7/23/1994
Spill Number/Closed Date:	9405547 / 7/25/1994
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	7/25/1994
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	7/25/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/18/1994
Spill Record Last Update:	9/30/2004

624 WEST 48TH STREET (Continued) **S102148544**

Spiller Name:	Not reported
Spiller Company:	NYNEX
Spiller Address:	624 W. 48TH STREET
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	VAN'S GAS TANK RUPTURED NYCFD ON SCENE-CLEANED UP WITH SPEEDY DRY AND ABSORBENT.

Material:

Site ID:	315732
Operable Unit ID:	1002757
Operable Unit:	01
Material ID:	382127
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	12
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9405647
DER Facility ID:	130848
Facility Type:	ER
Site ID:	315733
DEC Region:	2
Spill Date:	7/23/1994
Spill Number/Closed Date:	9405647 / 8/11/1994
Spill Cause:	Traffic Accident
Spill Class:	Not reported
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	7/26/1994
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	8/11/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/17/1994
Spill Record Last Update:	10/20/1994
Spiller Name:	Not reported
Spiller Company:	NYNEX

624 WEST 48TH STREET (Continued) **S102148544**

Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"10/10/95: This is additional information about material spilled from the translation of the old spill file: HYDRAL OIL.
Remarks:	HYDRAL-LINE BROKE-ABSORP USED-DRUMMED UP

Material:

Site ID:	315733
Operable Unit ID:	999953
Operable Unit:	01
Material ID:	382232
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9314832
DER Facility ID:	130848
Facility Type:	ER
Site ID:	154293
DEC Region:	2
Spill Date:	3/18/1994
Spill Number/Closed Date:	9314832 / 8/6/1996
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	3/18/1994
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/21/1994
Spill Record Last Update:	4/17/1997
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported

624 WEST 48TH STREET (Continued) **S102148544**

Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"10/10/95: This is additional information about material spilled from the translation of the old spill file: SOIL BORE HOLES.
Remarks: TANK WILL BE REMOVED & NEW TANKS INSTALL (MARK TIBBE).

Material:
Site ID: 154293
Operable Unit ID: 996765
Operable Unit: 01
Material ID: 386613
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AN486 **JANOVIC PAINT** **NY LTANKS** **S105997628**
SE **771 9TH AV** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.234 mi.
1238 ft. **Site 8 of 15 in cluster AN**

Relative:
Higher

Actual:
55 ft.

LTANKS:
Site ID: 216271
Spill Number/Closed Date: 0209507 / 12/12/2007
Spill Date: 12/16/2002
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: rmpiper
Referred To: Not reported
Reported to Dept: 12/16/2002
CID: 365
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/16/2002
Spill Record Last Update: 12/11/2008
Spiller Name: CARMELLA
Spiller Company: JANOVIC PAINT

JANOVIC PAINT (Continued) **S105997628**

Spiller Address:	771 9TH AV
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	CARMELLA DEL GEORGE
Spiller Phone:	(718) 392-3999
Spiller Extention:	204
DEC Region:	2
DER Facility ID:	179047
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND/DO"6/7/06- DECP iper took lead from Sue LAsdin due to associated spill at same address.According to Environ, talks w/ employees revealed that there was a UST on site that has recently been abandoned in place. The Dept has no information on this tank and may be less than 1100 gal. Regardless, soil analytical and/or passing results before abandonment has not been received. Address currently using 2 manifolded 275 AST though used old fill line. This fill line has recently been replaced. If passing tank results cannot be provided, then boring will need to be performed.9/28/06= DEC Piper reviewed subsurface investigation report. Due to refusal at shallow depths<3 ft., soil samples were not able to be collected. No organic vapors detected in these borings around tank. Borings around fill line revealed soil contamiantion. Further work is warranted. 6/19/07 DEC Piper spoke w. Drew Bonas w. Environ, He has been back and forth w. owner and will let me know outcome of upcoming meeting .12/12/07- DEC Piper reviewed case. Based on spill info and site consitions, spill to subsurface was minimal and poses no significant threat to health and env. Residual contamination exists. This spill will be consolidated into 0514611. 0209507 will be closed.
Remarks:	recommend uncover, reapir & retest

Material:

Site ID:	216271
Operable Unit ID:	860807
Operable Unit:	01
Material ID:	512929
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	216271
Spill Tank Test:	1527835
Tank Number:	1
Tank Size:	2500
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

AP487 **881 TENTH AV LLC** **NY AST** **A100348593**
NE **881 TENTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.235 mi.
1239 ft. **Site 10 of 10 in cluster AP**

Relative:
Higher

Actual:
65 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-193143
Program Type:	PBS
UTM X:	585253.87641000003
UTM Y:	4513378.2997199995
Expiration Date:	2014/07/27

Affiliation Records:

Site Id:	6114
Affiliation Type:	On-Site Operator
Company Name:	881 TENTH AV LLC
Contact Type:	Not reported
Contact Name:	NELSON MOJICA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 438-6943
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/9/2009

Site Id:	6114
Affiliation Type:	Emergency Contact
Company Name:	881 TENTH AVE LLC
Contact Type:	Not reported
Contact Name:	JEFF CARELTON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 408-6039
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/9/2009

Site Id:	6114
Affiliation Type:	Facility Owner
Company Name:	881 TENTH AVE LLC
Contact Type:	MEMBER
Contact Name:	MARK SCHARFMAN
Address1:	111 NORTH CENTRAL AVE , SUITE 400
Address2:	Not reported
City:	HARTSDALE
State:	NY

881 TENTH AV LLC (Continued) **A100348593**

Zip Code:	10530
Country Code:	001
Phone:	(914) 517-8800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/21/2009

Site Id:	6114
Affiliation Type:	Mail Contact
Company Name:	BEACH LANE MGT., INC.
Contact Type:	Not reported
Contact Name:	MARK SCHARFMAN
Address1:	111 NORTH CENTRAL AVE.
Address2:	SUITE 400
City:	HARTSDALE
State:	NY
Zip Code:	10530
Country Code:	001
Phone:	(914) 517-8888
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	11/5/2009

Tank Info:

Tank Number:	001
Tank Id:	11357
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1980
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

881 TENTH AV LLC (Continued) **A100348593**

Modified By: NRLOMBAR
Last Modified: 11/09/2009

Tank Number: 002
Tank Id: 11358
Material Code: 9999
Common Name of Substance: Other

Equipment Records:
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
L00 - Piping Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/01/1990
Register: True
Modified By: MSBAPTIS
Last Modified: 10/21/2009

AN488 **402 W 51 ST** **NY AST** **U003386940**
SE **402 W 51 ST** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.235 mi.
1241 ft. **Site 9 of 15 in cluster AN**

Relative:
Higher

Actual:
53 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-196045
Program Type: PBS
UTM X: 585393.30619999999
UTM Y: 4513072.4911000002
Expiration Date: 2014/08/27

Affiliation Records:
Site Id: 6374
Affiliation Type: On-Site Operator
Company Name: 402 W 51 ST
Contact Type: Not reported
Contact Name: CRUZ DIAZ

402 W 51 ST (Continued) **U003386940**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 246-1953
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6374
Affiliation Type:	Emergency Contact
Company Name:	GENUINE REALTY CORP
Contact Type:	Not reported
Contact Name:	SANDRA SALVADOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 381-3444
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/28/2009

Site Id:	6374
Affiliation Type:	Facility Owner
Company Name:	GENUINE REALTY CORP
Contact Type:	PRES
Contact Name:	NASSAR NAGI
Address1:	579 ONDEBDONK AVE
Address2:	Not reported
City:	RIDGEWOOD
State:	NY
Zip Code:	11385
Country Code:	001
Phone:	(718) 381-3444
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/28/2009

Site Id:	6374
Affiliation Type:	Mail Contact
Company Name:	GENUINE REALTY CORP
Contact Type:	Not reported
Contact Name:	SANDRA SALVADOR
Address1:	579 ONDERDONK AVE
Address2:	Not reported
City:	RIDGE WOOD
State:	NY
Zip Code:	11385
Country Code:	001

402 W 51 ST (Continued) **U003386940**

Phone:	(718) 851-9384
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/28/2009

Tank Info:

Tank Number:	001
Tank Id:	10942
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1962
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	10/28/2009

HIST AST:

PBS Number:	2-196045
SWIS Code:	6201
Operator:	CRUZ DIAZ
Facility Phone:	(212) 246-1953
Facility Addr2:	402 W 51 ST
Facility Type:	APARTMENT BUILDING
Emergency:	RHODES BUILDING MGMT INC
Emergency Tel:	(718) 857-9384
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	EMAR BUILDING CORP
Owner Address:	1529 56TH STREET
Owner City,St,Zip:	BROOKLYN, NY 11219
Federal ID:	Not reported
Owner Tel:	(718) 851-9384

402 W 51 ST (Continued) **U003386940**

Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	EMAR BUILDING CORP
Mailing Address:	1529 56TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11219
Mailing Telephone:	(718) 851-9384
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/09/1997
Expiration:	07/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AU489 **CONSOLIDATED EDISON** **NY MANIFEST** **S110045888**
ENE **495 W 57 ST & 10 AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.236 mi.
1244 ft. **Site 3 of 12 in cluster AU**

Relative:
Higher

Actual:
71 ft.

NY MANIFEST:

EPA ID:	NYP004185336
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-07-23
Trans1 Recv Date:	2009-07-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-07-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004185336
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	4500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001084160GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CONSOLIDATED EDISON (Continued) **S110045888**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-07-23
Trans1 Recv Date:	2009-07-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-07-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004185336
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	4500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001084160GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AW490 **EXXONMOBIL** **NY LTANKS** **S112231346**
NNE **842 11TH AVENUE** **N/A**
1/8-1/4 **NEW YORK (County), NY**
0.236 mi.
1248 ft. **Site 1 of 4 in cluster AW**

Relative:
Higher

Actual:
29 ft.

LTANKS:

Site ID:	59315
Spill Number/Closed Date:	9501523 / 7/8/1997
Spill Date:	5/5/1995
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	5/5/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False

EXXONMOBIL (Continued) **S112231346**

UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	5/22/1995
Spill Record Last Update:	9/11/2003
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	57437
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"This spill site has been transferred from DEC Sigona to RemedialBureau B, on August 4, 2003.see spill #90-09804
Remarks:	TANK IS PROBABLY GOING TO BE REPLACED.

Material:

Site ID:	59315
Operable Unit ID:	1012439
Operable Unit:	01
Material ID:	370130
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	59315
Spill Tank Test:	1543801
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

AO491 **TIMES CLEANERS/NEAT-O** **NY DRYCLEANERS** **S110248128**
ESE **815 9TH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.237 mi.
1249 ft. **Site 10 of 20 in cluster AO**

Relative:
Higher

Actual:
63 ft.

DRYCLEANERS:

Facility ID:	2-6202-00262
Phone Number:	212-974-0250
Region:	Not reported
Registration Effective Date:	7/29/2002 13:03:29:7
Inspection Date:	05SEP2
Install Date:	84/05
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	Not reported

AO492 **NEAT-O-CLEANERS** **RCRA-CESQG** **1000693537**
ESE **815 9TH AVE** **FINDS** **NYD986995918**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.237 mi.
1249 ft. **Site 11 of 20 in cluster AO**

Relative:
Higher

Actual:
63 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	NEAT-O-CLEANERS
Facility address:	815 9TH AVE NEW YORK, NY 10019
EPA ID:	NYD986995918
Mailing address:	9TH AVE NEW YORK, NY 10019
Contact:	STEVE SHIN
Contact address:	9TH AVE NEW YORK, NY 10019
Contact country:	US
Contact telephone:	(212) 974-0250
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NEAT-O-CLEANERS INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, NY 99999

NEAT-O-CLEANERS (Continued) **1000693537**

Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NEAT-O-CLEANERS INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NEAT-O-CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/23/1992
Facility name: NEAT-O-CLEANERS
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001606496

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NEAT-O-CLEANERS (Continued) **1000693537**

NY MANIFEST:

EPA ID:	NYD986995918
Country:	USA
Mailing Name:	NEAT O CLEANER
Mailing Contact:	STEVE SHIN
Mailing Address:	815 9TH AVE CRNR OF W 54TH
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip4:	5601
Mailing Country:	USA
Mailing Phone:	212-974-0250

Document ID:	NJA1413785
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920731
Trans1 Recv Date:	920731
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920731
Part A Recv Date:	Not reported
Part B Recv Date:	920817
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NJA1359125
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921221
Trans1 Recv Date:	921221
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921221
Part A Recv Date:	Not reported
Part B Recv Date:	921231
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001

NEAT-O-CLEANERS (Continued) **1000693537**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NJA2041893
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950106
Trans1 Recv Date:	950106
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950106
Part A Recv Date:	950113
Part B Recv Date:	950126
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2157080
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950713
Trans1 Recv Date:	950713
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950713
Part A Recv Date:	950724
Part B Recv Date:	950725
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2080457
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869

NEAT-O-CLEANERS (Continued) **1000693537**

Trans2 State ID:	Not reported
Generator Ship Date:	950228
Trans1 Recv Date:	950228
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950228
Part A Recv Date:	950309
Part B Recv Date:	950309
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2173674
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950620
Trans1 Recv Date:	950620
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950620
Part A Recv Date:	950628
Part B Recv Date:	950629
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA1646692
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930514
Trans1 Recv Date:	930514
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930514
Part A Recv Date:	930526
Part B Recv Date:	930601
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD051060408

NEAT-O-CLEANERS (Continued) **1000693537**

Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NJA1408409
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 921020
Trans1 Recv Date: 921020
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921020
Part A Recv Date: Not reported
Part B Recv Date: 921105
Generator EPA ID: NYD986995918
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00220
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NJA1613845
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 930611
Trans1 Recv Date: 930611
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930611
Part A Recv Date: Not reported
Part B Recv Date: 930628
Generator EPA ID: NYD986995918
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

NEAT-O-CLEANERS (Continued) **1000693537**

Year: 93

Document ID: NJA1619552
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 930426
Trans1 Recv Date: 930426
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930426
Part A Recv Date: 930524
Part B Recv Date: 930507
Generator EPA ID: NYD986995918
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NJA1649729
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 930304
Trans1 Recv Date: 930304
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930304
Part A Recv Date: Not reported
Part B Recv Date: 930319
Generator EPA ID: NYD986995918
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NJA2256315
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 951013
Trans1 Recv Date: 951013

NEAT-O-CLEANERS (Continued) **1000693537**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951013
Part A Recv Date:	951030
Part B Recv Date:	951102
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00180
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA1656901
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930119
Trans1 Recv Date:	930119
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930119
Part A Recv Date:	930128
Part B Recv Date:	930129
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NJA2250490
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	951106
Trans1 Recv Date:	951106
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951106

NEAT-O-CLEANERS (Continued) **1000693537**

Part A Recv Date:	951212
Part B Recv Date:	951117
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2150740
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950814
Trans1 Recv Date:	950814
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950814
Part A Recv Date:	950901
Part B Recv Date:	950901
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NYC4627168
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	MOD095038998
Generator Ship Date:	10/08/1998
Trans1 Recv Date:	10/08/1998
Trans2 Recv Date:	10/19/1998
TSD Site Recv Date:	10/20/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds

NEAT-O-CLEANERS (Continued) **1000693537**

Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NJA1753605
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 930913
Trans1 Recv Date: 930913
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930913
Part A Recv Date: 931022
Part B Recv Date: 931001
Generator EPA ID: NYD986995918
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NJA2519398
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 960528
Trans1 Recv Date: 960528
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960528
Part A Recv Date: 960802
Part B Recv Date: 960618
Generator EPA ID: NYD986995918
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00120
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA1748104
Manifest Status: Completed copy

NEAT-O-CLEANERS (Continued) **1000693537**

Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930716
Trans1 Recv Date:	930716
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930716
Part A Recv Date:	Not reported
Part B Recv Date:	930727
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NJA2539365
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	960401
Trans1 Recv Date:	960401
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960401
Part A Recv Date:	960411
Part B Recv Date:	960410
Generator EPA ID:	NYD986995918
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Click this hyperlink while viewing on your computer to access
31 additional NY_MANIFEST: record(s) in the EDR Site Report.

AO493
ESE
1/8-1/4
0.237 mi.
1249 ft.

815 9TH AVE
NEW YORK, NY 10019

Site 12 of 20 in cluster AO

EDR US Hist Cleaners **1015098520**
N/A

Relative:
Higher

Actual:
63 ft.

EDR Historical Cleaners:

Name:	NEAT O CLEANERS
Year:	1999
Address:	815 9TH AVE
Name:	NEAT O CLEANERS
Year:	2000
Address:	815 9TH AVE
Name:	TIMES CLEANERS CORP
Year:	2006
Address:	815 9TH AVE

AJ494
SSW
1/8-1/4
0.237 mi.
1249 ft.

515 W 47 ST
515 WEST 47TH STREET
NEW YORK, NY 10036

Site 10 of 10 in cluster AJ

NY AST **A100178301**
N/A

Relative:
Lower

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606083
Program Type:	PBS
UTM X:	584948.50416000001
UTM Y:	4512938.6501399996
Expiration Date:	2014/01/28

Affiliation Records:

Site Id:	27948
Affiliation Type:	On-Site Operator
Company Name:	515 WEST 47TH STREET
Contact Type:	Not reported
Contact Name:	FRESGO REALTY CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 314-1009
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	9/17/2007
Site Id:	27948
Affiliation Type:	Emergency Contact
Company Name:	FRESGO REALTY CORP
Contact Type:	Not reported
Contact Name:	K. SCHUCHMAN
Address1:	Not reported
Address2:	Not reported

515 W 47 ST (Continued) **A100178301**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 314-1009
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	9/17/2007

Site Id:	27948
Affiliation Type:	Mail Contact
Company Name:	FRESGO REALTY CORP
Contact Type:	Not reported
Contact Name:	K. SCHUCHMAN
Address1:	581 WEST 161ST STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10032
Country Code:	001
Phone:	(516) 314-1009
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/11/2013

Site Id:	27948
Affiliation Type:	Facility Owner
Company Name:	FRESGO REALTY CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	581 W.161 ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10032
Country Code:	001
Phone:	(516) 314-1009
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/11/2013

Tank Info:

Tank Number:	001
Tank Id:	60924
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

515 W 47 ST (Continued) **A100178301**

L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/28/2004
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	09/17/2007

AX495 **FORMER AIRBORNE EXPRESS FACILITY** **NY UST** **U000409080**
North **631-649 WEST 57TH STREET** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.237 mi.
1250 ft. **Site 1 of 6 in cluster AX**

Relative:
Lower

Actual:
21 ft.

UST:

Id/Status:	2-350206 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585052.58620999998
UTM Y:	4513823.7295500003

Affiliation Records:

Site Id:	17271
Affiliation Type:	Mail Contact
Company Name:	ROUX ASSOCIATES, INC.
Contact Type:	Not reported
Contact Name:	JOSHUA LEVINE
Address1:	209 SHAFTER ST
Address2:	Not reported
City:	ISLANDIA
State:	NY
Zip Code:	11749
Country Code:	001
Phone:	(212) 789-1183
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/8/2013

Site Id:	17271
Affiliation Type:	On-Site Operator
Company Name:	FORMER AIRBORNE EXPRESS FACILITY
Contact Type:	Not reported
Contact Name:	LARRY MORTON

FORMER AIRBORNE EXPRESS FACILITY (Continued) **U000409080**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 789-1183
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/14/2008

Site Id:	17271
Affiliation Type:	Emergency Contact
Company Name:	THE DURST ORGANIZATION
Contact Type:	Not reported
Contact Name:	LARRY MORTON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 789-1183
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/14/2008

Site Id:	17271
Affiliation Type:	Facility Owner
Company Name:	DURST PYRAMID LLC
Contact Type:	PROJECT MGR
Contact Name:	LARRY MORTON
Address1:	ONE BRYANT PARK
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 257-6572
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/8/2013

Tank Info:

Tank Number:	001
Tank ID:	33771
Tank Status:	Closed - Removed
Capacity Gallons:	1000
Install Date:	12/01/1975
Date Tank Closed:	04/17/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

FORMER AIRBORNE EXPRESS FACILITY (Continued) **U000409080**

Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/14/2008

Equipment Records:

I00 - Overfill - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 002
Tank ID: 33772
Tank Status: Closed - Removed
Capacity Gallons: 2400
Install Date: 12/01/1975
Date Tank Closed: 04/17/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/14/2008

Equipment Records:

I00 - Overfill - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 003
Tank ID: 222953
Tank Status: Closed - Removed
Capacity Gallons: 1000
Install Date: Not reported

FORMER AIRBORNE EXPRESS FACILITY (Continued) **U000409080**

Date Tank Closed: 04/14/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/14/2008

Tank Number: 004
Tank ID: 246883
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 01/08/2013

Equipment Records:

L00 - Piping Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None

Tank Number: 005
Tank ID: 246884
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

FORMER AIRBORNE EXPRESS FACILITY (Continued) **U000409080**

Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 01/08/2013

Equipment Records:

L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None

HIST UST:

PBS Number: 2-350206
SPDES Number: Not reported
Emergency Contact: MICHAEL TERZANO
Emergency Telephone: (212) 789-1181
Operator: MICHAEL TERZANO
Operator Telephone: (212) 789-1181
Owner Name: THE DURST ORGANIZATION
Owner Address: 1155 AVENUE OF THE AMERICAS
Owner City,St,Zip: NEW YORK, NY 10036
Owner Telephone: (212) 789-1181
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: THE DURST ORGANIZATION
Mailing Address: 1155 AVENUE OF THE AMERICAS
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10036
Mailing Contact: MIKE TERZANO
Mailing Telephone: (212) 789-1181
Owner Mark: Second Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: 645 W 57 ST
SWIS ID: 6201
Old PBS Number: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: Not reported
Expiration Date: 01/02/2007

FORMER AIRBORNE EXPRESS FACILITY (Continued) **U000409080**

Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19751201
Capacity (gals):	1000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	8
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/01/1999
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19751201
Capacity (gals):	2400
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	8
Leak Detection:	None
Overfill Prot:	None

FORMER AIRBORNE EXPRESS FACILITY (Continued) **U000409080**

Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/01/1999
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AX496 **NEW YORK TELEPHONE** **NY AST** **U004047723**
North **631 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.237 mi.
1250 ft. **Site 2 of 6 in cluster AX**

Relative:
Lower

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Facility Id:	2-344672
Program Type:	PBS
UTM X:	585083.34172999999
UTM Y:	4513806.3197499998
Expiration Date:	N/A

Affiliation Records:

Site Id:	16779
Affiliation Type:	Facility Owner
Company Name:	NEW YORK TELEPHONE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	111 LIVINGSTON ST ROOM 720
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 330-8383
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16779
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	WILLIAM A. WHITE
Address1:	51 EAST 42ND STREET
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported

NEW YORK TELEPHONE (Continued) **U004047723**

Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16779
Affiliation Type:	On-Site Operator
Company Name:	NEW YORK TELEPHONE
Contact Type:	Not reported
Contact Name:	NEW YORK TELEPHONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 330-8383
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16779
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK TELEPHONE
Contact Type:	Not reported
Contact Name:	NEW YORK TELEPHONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 330-8383
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	32641
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron

NEW YORK TELEPHONE (Continued) **U004047723**

Tank Status:	Administratively Closed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/01/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

AU497 **BADEEM BUILDING COMPANY, LLC** **NY AST** **A100183116**
ENE **469 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.237 mi.
1251 ft. **Site 4 of 12 in cluster AU**

Relative:
Higher

Actual:
71 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606492
Program Type:	PBS
UTM X:	585447.60968999995
UTM Y:	4513578.6626599999
Expiration Date:	2016/07/25

Affiliation Records:

Site Id:	28353
Affiliation Type:	Facility Owner
Company Name:	BADEEM BUILDING COMPANY
Contact Type:	OWNER
Contact Name:	GIORA NEEMAN
Address1:	469 WEST 57TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 265-7243
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	8/9/2011

Site Id:	28353
Affiliation Type:	Mail Contact
Company Name:	BADEEM BUILDING COMPANY
Contact Type:	Not reported
Contact Name:	GIORA NEEMAN
Address1:	469 WEST 57TH STREET
Address2:	APT. 3F
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 265-7243

BADEEM BUILDING COMPANY, LLC (Continued) **A100183116**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/6/2006

Site Id:	28353
Affiliation Type:	On-Site Operator
Company Name:	BADEEM BUILDING COMPANY, LLC
Contact Type:	Not reported
Contact Name:	GIORA NEEMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 265-7243
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28353
Affiliation Type:	Emergency Contact
Company Name:	BADEEM BUILDING COMPANY
Contact Type:	Not reported
Contact Name:	GIORA NEEMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 265-7243
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	61504
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground

BADEEM BUILDING COMPANY, LLC (Continued) **A100183116**

	H00 - Tank Leak Detection - None
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Temporarily Out of Service
Pipe Model:	Not reported
Install Date:	01/01/1977
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	08/09/2011

AU498 **CONSOLIDATED EDISON** **NY MANIFEST** **S110046665**
ENE **SB10994 F/O 469 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY**
0.237 mi.
1251 ft. **Site 5 of 12 in cluster AU**

Relative:
Higher

Actual:
71 ft.

NY MANIFEST:

EPA ID:	NYP004189577
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PL RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-08-03
Trans1 Recv Date:	2009-08-03
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-08-04
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004189577
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009

CONSOLIDATED EDISON (Continued) **S110046665**

Manifest Tracking Num:	001084308GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-08-03
Trans1 Recv Date:	2009-08-03
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-08-04
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004189577
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001084308GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AU499 **EDR US Hist Cleaners** **1015064717**
ENE **469 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.237 mi.
1251 ft. **Site 6 of 12 in cluster AU**

Relative:
Higher

Actual:
71 ft.

EDR Historical Cleaners:

Name:	LAMODE CLEANERS
Year:	2005
Address:	469 W 57TH ST
Name:	LAMODE CLEANERS
Year:	2010
Address:	469 W 57TH ST
Name:	MIDAS ORGANIC CLEANERS
Year:	2010
Address:	469 W 57TH ST
Name:	CHEM DRY CARPET CLEANING
Year:	2011
Address:	469 W 57TH ST
Name:	MIDAS ORAGANIC CLEANERS
Year:	2011
Address:	469 W 57TH ST
Name:	LAMODE CLEANERS
Year:	2011
Address:	469 W 57TH ST

AU500 **CON EDISON** **NY MANIFEST** **S112817715**
ENE **469 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.237 mi.
1251 ft. **Site 7 of 12 in cluster AU**

Relative:
Higher

Actual:
71 ft.

NY MANIFEST:

EPA ID:	NYP004276283
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-26
Trans1 Recv Date:	2012-10-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-26

CON EDISON (Continued) **S112817715**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004276283
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010408653JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AU501 **467 W. 57TH ST.** **NY LTANKS** **S100560304**
ENE **467 W. 57TH ST.** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.237 mi.
1253 ft. **Site 8 of 12 in cluster AU**

Relative:
Higher

Actual:
72 ft.

LTANKS:

Site ID:	151489
Spill Number/Closed Date:	9302151 / 9/7/1993
Spill Date:	5/17/1993
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	9/7/1993
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	5/17/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/19/1993
Spill Record Last Update:	9/7/1993
Spiller Name:	Not reported
Spiller Company:	W. 57TH ST OWNER CORP.-AP

467 W. 57TH ST. (Continued) **S100560304**

Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	128744
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'DOWD."09/07/93: TEMP TANK HOOKED UP EASTMOND CLEANED UP OIL AND DISPOSED OF.
Remarks:	CONTAINED IN TANK ROOM TANK & ROOM BEING PUMPED OUT &TO IN STALL TEMP TANK.

Material:

Site ID:	151489
Operable Unit ID:	984170
Operable Unit:	01
Material ID:	399285
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	400
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AO502 **CONSOLIDATED EDISON** **NY MANIFEST** **1009238223**
ESE **9TH AVE & W 54TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10003**
0.238 mi.
1256 ft. **Site 13 of 20 in cluster AO**

Relative:
Higher

Actual:
63 ft.

NY MANIFEST:

EPA ID:	NYP004043881
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0268323
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported

CONSOLIDATED EDISON (Continued) **1009238223**

Generator Ship Date:	09/29/1999
Trans1 Recv Date:	09/29/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/01/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004043881
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	80553AE
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00050
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	99

AH503 **GAMO REALTY CO** **NY AST** **U003385539**
South **693 TENTH AVE** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK CITY, NY 10036**
0.238 mi.
1257 ft. **Site 10 of 10 in cluster AH**

Relative:
Higher

Actual:
30 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-147826
Program Type:	PBS
UTM X:	584995.54293
UTM Y:	4512880.7337999996
Expiration Date:	2018/02/21

Affiliation Records:

Site Id:	4368
Affiliation Type:	Facility Owner
Company Name:	693-695 10TH AVENUE LLC
Contact Type:	OWNER
Contact Name:	ISAAC CHINITZ
Address1:	503 WEST 47TH STREET IFE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 581-9106
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis

GAMO REALTY CO (Continued) **U003385539**

Date Last Modified: 1/14/2008

Site Id: 4368
Affiliation Type: Mail Contact
Company Name: ITCO REALTY CO.
Contact Type: Not reported
Contact Name: ISAAC CHINITZ
Address1: 503 WEST 47TH STREET IFE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10036
Country Code: 001
Phone: (212) 581-9106
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 4368
Affiliation Type: On-Site Operator
Company Name: 693-695 10TH AVENUE LLC
Contact Type: Not reported
Contact Name: JIMMY ACOSTA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 581-9106
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/20/2013

Site Id: 4368
Affiliation Type: Emergency Contact
Company Name: 693-695 10TH AVENUE LLC
Contact Type: Not reported
Contact Name: ISAAC CHINITZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 581-9106
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/20/2013

Tank Info:

Tank Number: 001
Tank Id: 7995

GAMO REALTY CO (Continued) **U003385539**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1965
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 03/20/2013

HIST AST:
PBS Number: 2-147826
SWIS Code: 6201
Operator: RAFAEL MECADO
Facility Phone: (212) 974-2187
Facility Addr2: 693 10TH AVE
Facility Type: Not reported
Emergency: ISAAC CHINITZ
Emergency Tel: (212) 974-2187
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: GAMO REALTY CO
Owner Address: 826 NINTH AVENUE 2FS
Owner City,St,Zip: NEW YORK CITY, NY 10019
Federal ID: Not reported
Owner Tel: (212) 974-2187
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: GAMO REALTY CO
Mailing Address: 826 NINTH AVENUE 2FS
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK CITY, NY 10019
Mailing Telephone: (212) 974-2187
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is

GAMO REALTY CO (Continued) **U003385539**

greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag:	False
Certification Date:	08/08/1997
Expiration:	06/05/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AO504 **819 9TH AVENUE** **NY AST** **A100178193**
ESE **819 9 TH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.238 mi.
1257 ft. **Site 14 of 20 in cluster AO**

Relative:
Higher

Actual:
64 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605956
Program Type:	PBS

819 9TH AVENUE (Continued) **A100178193**

UTM X:	585523.00286999997
UTM Y:	4513296.25122
Expiration Date:	2016/06/07

Affiliation Records:

Site Id:	27822
Affiliation Type:	Facility Owner
Company Name:	BONG JU SHIM
Contact Type:	OWNER
Contact Name:	BONG JU SHIM
Address1:	819 9TH AVENUE, APT. 3N
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 246-5952
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/21/2006

Site Id:	27822
Affiliation Type:	Mail Contact
Company Name:	819 9TH AVENUE
Contact Type:	Not reported
Contact Name:	BONG JU SHIM
Address1:	819 9TH AVENUE, APT. 3N
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 246-5952
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27822
Affiliation Type:	On-Site Operator
Company Name:	819 9TH AVENUE
Contact Type:	Not reported
Contact Name:	BONG JU SHIM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 246-5952
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27822
Affiliation Type:	Emergency Contact

819 9TH AVENUE (Continued) **A100178193**

Company Name:	BONG JU SHIM
Contact Type:	Not reported
Contact Name:	BONG JU SHIM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 246-5952
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	60756
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

Tank Location:	1
Tank Type:	Concrete
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	09/21/1999
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/11/2011

AN505 **ANNA'S** **NY LTANKS** **S105058468**
SE **763 9TH AVE** **NY Spills** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.238 mi.
1259 ft. **Site 10 of 15 in cluster AN**

Relative:
Higher

Actual:
54 ft.

LTANKS:

Site ID:	75595
Spill Number/Closed Date:	0102767 / 5/10/2005
Spill Date:	6/8/2001
Spill Cause:	Tank Failure

ANNA'S (Continued) **S105058468**

Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	LNKLAAS
Referred To:	Not reported
Reported to Dept:	6/13/2001
CID:	257
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/13/2001
Spill Record Last Update:	2/9/2006
Spiller Name:	RICHARD DELASANDRO
Spiller Company:	Not reported
Spiller Address:	763 9TH AVE
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	RICHARD DELASANDRO
Spiller Phone:	(917) 806-0995
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	70742
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"Transferred from Tibbe to Klaas.Refer to 0103420.
Remarks:	TANK HAS A SMALL LEAK - PROPERTY MANAGER IS MK REALITY 212-974-5400

Material:

Site ID:	75595
Operable Unit ID:	841454
Operable Unit:	01
Material ID:	534876
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	0103420
DER Facility ID:	168168
Facility Type:	ER
Site ID:	202162
DEC Region:	2

ANNA'S (Continued) **S105058468**

Spill Date:	5/15/2001
Spill Number/Closed Date:	0103420 / 9/7/2001
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	6/28/2001
CID:	323
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/28/2001
Spill Record Last Update:	12/11/2003
Spiller Name:	RICHARD D'ALESSANDRO
Spiller Company:	ANNA'S
Spiller Address:	763 NINTH AVE
Spiller City,St,Zip:	MANHATTAN, ZZ
Spiller Company:	001
Contact Name:	RICHARD D'ALESSANDRO
Contact Phone:	(917) 806-0995
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"A.L. Eastmond was originally called out to the site. Smell in the resturant from the oil tank in the basement.Eastmond found an open flap on the top of a 275gal? tank in the basement. Eastmond Cleaned the tank and rewelded the patch. Eastmond also said that the area was clean.8/13/2001 Sangesland went to the site and met Bonnie Weiss from Ferrantino Fuel Oil (718-832-6700) and the property owner. The building is empty except for the resturant. The upper floors are under renovation for new apartments.The tank had a cement case built around it. Upon inspection, an area of heavy black oil was coming out from under this enclosure. Sangesland said that the area must be opened up to look under the tank, if a leak existed, then the floor around the tank would need to be inspected and if cracks were found, the floor would need to be opened. Ms. Weiss suggested that the owner would probably install a new 275 gal tank elsewhere in the basement and totally remove the old tank and enclosure. Sangesland requested a reinspection when the area was cleaned. Sangesland will send a letter to Ms. Weiss with detail directions of what to do.9/6/2001 Sangesland re inspected the site today. Cement enclosure around the tank had been removed, tank was cleaned and free standing on the floor. 1" thick skim layer of cement floor had been chopped up under the tank. Cement floor under this 1" thick layer appeared to be solid and secure. Area was clean and no sign of further contamination.Spill Will Be ClosedNOTE: DEC will require follow up documentation within 3 months (by Dec. 6, 2001) that either a new oil tank was installed at this site, OR the existing tank was reinstalled and then pressure tested to confirm the tank's structural integrety. 11/19/2001 - Bonnie Weiss called to find specific details of what additional work the DEC required for the newly installed tank. DEC

ANNA'S (Continued) **S105058468**

requested a notice from the tank company describing what work they did and that the tank was tested and passed(by what method?)Tank work is being done now, Bonnie will forward this information to the DEC when it is done.

Remarks: OIL TANK LEAKING IN THE BASEMENT. THERE IS A STRONG ODOR AND IT IS VERY UNHEALTHY.

Material:

Site ID:	202162
Operable Unit ID:	840096
Operable Unit:	01
Material ID:	555642
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	1010363
DER Facility ID:	70742
Facility Type:	ER
Site ID:	443965
DEC Region:	2
Spill Date:	1/4/2011
Spill Number/Closed Date:	1010363 / 2/24/2011
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1/4/2011
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/4/2011
Spill Record Last Update:	2/24/2011
Spiller Name:	CON EDISON
Spiller Company:	OWNER
Spiller Address:	763 9TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	999
Contact Name:	CON EDISON

ANNA'S (Continued) **S105058468**

Contact Phone: (212) 580-6763
DEC Memo: 2/24/11 - Austin - Con Ed discovered product in vicinity of fill line i/f/o 763 Ninth Ave. - Location had at least two spil events (#0103420 and 0102767) reported previously, including a bad tank No inidication that either prior spill led to this problem - Con Ed contained and cleaned up the spill - see additional info in the eDocs files - spill closed - end
Remarks: 1 Pint of fuel oil spilled on site. Cleanup is in process.

Material:
Site ID: 443965
Operable Unit ID: 1194409
Operable Unit: 01
Material ID: 2190209
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0.01
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AU506 **WEST 57TH STREET OWNERSHIP CORP.** **NY AST U003396593**
ENE **467 WEST 57TH STREET** **NY HIST AST N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.239 mi.
1260 ft. **Site 9 of 12 in cluster AU**

Relative: Higher

Actual: 72 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-602341
Program Type: PBS
UTM X: 585486.06287999998
UTM Y: 4513585.9212199999
Expiration Date: 2015/07/13

Affiliation Records:
Site Id: 24298
Affiliation Type: Facility Owner
Company Name: WEST 57TH STREET OWNERSHIP CORP.
Contact Type: PRESIDENT
Contact Name: JOHN KENNEDY
Address1: 467 WEST 57TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 765-1130
EMail: Not reported
Fax Number: Not reported

WEST 57TH STREET OWNERSHIP CORP. (Continued) **U003396593**

Modified By: KAKYER
Date Last Modified: 6/11/2012

Site Id: 24298
Affiliation Type: Mail Contact
Company Name: WEST 57TH STREET OWNERSHIP CORP.
Contact Type: Not reported
Contact Name: MR. JOHN KENNEDY
Address1: 467 WEST 57TH STREET
Address2: APT 1B
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 246-6426
EMail: JKNYC@YAHOO.COM
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 6/11/2012

Site Id: 24298
Affiliation Type: On-Site Operator
Company Name: WEST 57TH STREET OWNERSHIP CORP.
Contact Type: Not reported
Contact Name: J. KENNEDY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 246-6426
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 6/11/2012

Site Id: 24298
Affiliation Type: Emergency Contact
Company Name: WEST 57TH STREET OWNERSHIP CORP.
Contact Type: Not reported
Contact Name: J. KENNEDY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 246-6426
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 6/11/2012

Tank Info:

Tank Number: 001

WEST 57TH STREET OWNERSHIP CORP. (Continued) **U003396593**

Tank Id: 49827
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G99 - Tank Secondary Containment - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1993
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

HIST AST:

PBS Number: 2-602341
SWIS Code: 6201
Operator: C. SEVIN
Facility Phone: (212) 765-1130
Facility Addr2: Not reported
Facility Type: APARTMENT BUILDING
Emergency: C. SEVIN
Emergency Tel: (212) 765-1130
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: WEST 57TH STREET OWNERSHIP CORP.
Owner Address: 467 WEST 57TH STREET
Owner City,St,Zip: NEW YORK, NY 10019
Federal ID: Not reported
Owner Tel: (212) 765-1130
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Contact: MR. CHARLES SEVIN
Mailing Name: WEST 57TH STREET OWNERSHIP CORP.
Mailing Address: 467 WEST 57TH STREET
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10019
Mailing Telephone: (212) 765-1130
Owner Mark: First Owner

WEST 57TH STREET OWNERSHIP CORP. (Continued) **U003396593**

Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	06/21/2000
Expiration:	07/13/2005
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19930601
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Double-Walled
Leak Detection:	00
Overfill Protection:	04
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AX507 **EDR US Hist Auto Stat** **1015588338**
North **642 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.241 mi.
1271 ft. **Site 3 of 6 in cluster AX**

Relative:
Lower

Actual:
19 ft.

EDR Historical Auto Stations:

Name:	JAMIES FOREIGN CAR SERVICE LTD
Year:	2001
Address:	642 W 57TH ST

(Continued) **1015588338**

Name: JAMIES FOREIGNCAR SERVICE LTD
Year: 2002
Address: 642 W 57TH ST

Name: JAMIES FOREIGN CAR SERVICE LTD
Year: 2005
Address: 642 W 57TH ST

Name: JAMIES FOREIGN CAR SERVICE LTD INC
Year: 2007
Address: 642 W 57TH ST

Name: JAMIES FOREIGN CAR SERVICE LTD
Year: 2008
Address: 642 W 57TH ST

Name: JAMIES FOREIGN CAR SERVICE LTD
Year: 2009
Address: 642 W 57TH ST

Name: JAMIES FOREIGN CAR SVC LTD
Year: 2010
Address: 642 W 57TH ST

Name: JAMIES FOREIGN CAR SVCE LTD
Year: 2011
Address: 642 W 57TH ST

Name: JAMIES FOREIGN CAR SVCE LTD
Year: 2012
Address: 642 W 57TH ST

AW508 **MOBIL OIL CORP SS #511** **RCRA NonGen / NLR** **1000553807**
North **842 11TH AVE** **FINDS** **NYD986962413**
1/8-1/4 **NEW YORK, NY 10019** **NY MANIFEST**
0.241 mi.
1274 ft. **Site 2 of 4 in cluster AW**

Relative:
Higher

Actual:
27 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: MOBIL OIL CORP SS #511
Facility address: 842 11TH AVE
NEW YORK, NY 100191008
EPA ID: NYD986962413
Mailing address: 11TH AVE
NEW YORK, NY 10019
Contact: Not reported
Contact address: 11TH AVE
NEW YORK, NY 10019
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

MOBIL OIL CORP SS #511 (Continued) **1000553807**

Owner/operator name: MOBIL
Owner/operator address: 464 DOUGHTY BLVD
INWOOD, NY 11096
Owner/operator country: US
Owner/operator telephone: (516) 239-5232
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MOBIL
Owner/operator address: 464 DOUGHTY BLVD
INWOOD, NY 11096
Owner/operator country: US
Owner/operator telephone: (516) 239-5232
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MOBIL OIL CORP SS #511
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MOBIL OIL CORP SS #511
Classification: Not a generator, verified

Date form received by agency: 03/11/1997
Facility name: MOBIL OIL CORP SS #511
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004472375

Environmental Interest/Information System

MOBIL OIL CORP SS #511 (Continued) **1000553807**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

NY MANIFEST:

EPA ID:	NYD986962413
Country:	USA
Mailing Name:	MOBIL OIL CORP
Mailing Contact:	KHAN M
Mailing Address:	3225 GALLOWS ROAD
Mailing Address 2:	Not reported
Mailing City:	FAIRFAX
Mailing State:	VA
Mailing Zip:	22031
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	703-849-5386

Document ID:	NYB2849076
Manifest Status:	Completed copy
Trans1 State ID:	MK8837
Trans2 State ID:	Not reported
Generator Ship Date:	910828
Trans1 Recv Date:	910828
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910828
Part A Recv Date:	910909
Part B Recv Date:	910909
Generator EPA ID:	NYD986962413
Trans1 EPA ID:	NYD006801245
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000691949
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001

MOBIL OIL CORP SS #511 (Continued) **1000553807**

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91

AW509 **FORMER MOBIL #17-511** **NY LTANKS** **S100168138**
North **842 11TH AVE** **NY Spills** **N/A**
1/8-1/4 **NEW YORK, NY**
0.241 mi.
1274 ft. **Site 3 of 4 in cluster AW**

Relative:
Higher

Actual:
27 ft.

LTANKS:
Site ID: 232633
Spill Number/Closed Date: 9009804 / 3/8/2013
Spill Date: 12/10/1990
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: RHFILKIN
Referred To: Not reported
Reported to Dept: 12/10/1990
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 12/12/1990
Spill Record Last Update: 3/8/2013
Spiller Name: FRANK MESSINA
Spiller Company: EXXONMOBIL CORP
Spiller Address: 1545 ROUTE 22 EAST
Spiller City,St,Zip: ANNANDALE, NJ 08801
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 191667
DEC Memo: Tracking of site remediation has been consolidated under spill no. 90-09804. See also spill nos. 91-05201, 91-08084, 91-08497, 95-01523, and 04-03370.7/28/1997: A stipulation agreement was executed between Mobil Oil Corporation and the Department. (Harrington)8/4/2003: This spill site has been transferred from Sigona to Harrington (central office) for management. (Sigona)7/8/2005: Sent a letter to Exxon Mobil approving the interim RAP. The interim RAP calls for the evaluation of high-vacuum dual-phase extraction. Also sent them the necessary NYCDOT road-opening permit letter for test well installation along the east side of 11th Avenue. (Harrington)2/2/2006: Sent an e-mail to Exxon Mobil approving the supplemental SI report. The high vacuum dual-phase extraction (HVDPE) feasibility study has been initiated. The FS report is due in the Spring of '06. (Harrington)4/5/2006: Sent an e-mail to Exxon Mobil

FORMER MOBIL #17-511 (Continued) **S100168138**

approving the final RAP. The RAP calls for the installation of a HVDPE system, which is scheduled to be in place by late summer. (Harrington)6/5/2006: Approved modification to the IRMs being conducted on-site (EFR events reduced from monthly to quarterly @ wells MO-2, MO-3, MW-12, and MW-14; EFRs can be eliminated @ MW-12 if an absorbent sock is installed to recover free product). Approval sent to Exxon Mobil via e-mail. (Harrington)2/14/2007: Transferred from Harrington to Milack. (Milack)5/24/2007: Remedial system is in place but still has not received necessary electrical inspection and discharge permits. (Milack)12/07: System began operating and Kleinfelder will be submitting a startup report.May 2010 - The supplemental CAP, received January 29, 2007, outlines the operation of a High Vacuum Dual Phase Extraction (HVDPE) system, as well as continued quarterly enhanced fluid recovery (EFR) events, until the system begins operation. The supplemental CAP was approved April 12, 2007. A Site Status Update report was received on August 20, 2007. The remedial system began operating the week of November 26, 2007. A Site Status Update Report (SSUR) was received February 29, 2008. A HVDPE Remediation System Start-up Report was received on March 27, 2008 and a SSUR was received on May 22, 2008. A site visit was made on July 9, 2008, and the weekly OM&M is continuing. The HVDPE system continues to operate successfully with levels in the groundwater dropping from 20 ppm levels in several wells to ppb/low ppm levels in twoyears. Based on this trend, the consultant is hopeful that the system can be shut down in 2010. The latest SSUR was issued March 25, 2010. The latest groundwater sampling was conducted in January 2010 and showed consistent results with previous rounds. Weekly OM&M of the HVDPE system continues.The HVDPE system was non-operational for much of May and early June 2010 due to access issues caused by a sidewalk replacement project. Operation was resumed 6/13/2010 and continues to date. (11/22/10)Nov. 2011 - A 9 month temporary shutdown of the on-site High Vacuum Dual Phase Extraction System (HVDPE) combined with initiating monthly Enhanced Fluid Recovery (EFR) events was approved in June 2011 and is ongoing.Dec. 2011 - DEC was informed that Groundwater and Environmental Services (GES) will be the new remedial consultant for this spill as of 1/1/12. Karen Bourque (866)839-5195 ext. 3833 is the contact person at GES.April 2012 - A reduction in the number of monitoring wells to be included in tri-annual sampling was approved.June 2012 - Results of May 2012 sampling were generally consistant with previous sampling results.

Remarks: LINE TEST ONLY, FAILED PETRO TITE, WITH A LEAK RATE OF -.26GPH, TYREE WILL EXCAVATE, ISOLATE & RETEST.

Material:

Site ID:	232633
Operable Unit ID:	946832
Operable Unit:	01
Material ID:	429996
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

FORMER MOBIL #17-511 (Continued) **S100168138**

Tank Test:

Site ID:	232633
Spill Tank Test:	1538010
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

SPILLS:

Facility ID:	9105201
DER Facility ID:	191667
Facility Type:	ER
Site ID:	232634
DEC Region:	2
Spill Date:	8/13/1991
Spill Number/Closed Date:	9105201 / 7/8/1997
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates a file or hazard. (Highly Improbable)
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	8/13/1991
CID:	Not reported
Water Affected:	0
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	8/20/1991
Spill Record Last Update:	9/11/2003
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"SEE SPILL # 90-09804This spill site has been transferred from DEC Sigona to RemedialBureau B, on August 4, 2003.
Remarks:	DISPENSER PUMP LEAK (#3), PRIME TANKS TO REPAIR

Material:

Site ID:	232634
Operable Unit ID:	959385
Operable Unit:	01
Material ID:	421014
Material Code:	0009

FORMER MOBIL #17-511 (Continued) **S100168138**

Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0403370
DER Facility ID:	300121
Facility Type:	ER
Site ID:	232632
DEC Region:	2
Spill Date:	6/29/2004
Spill Number/Closed Date:	0403370 / 9/20/2005
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	6/29/2004
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/29/2004
Spill Record Last Update:	9/20/2005
Spiller Name:	FRANK MESSINA
Spiller Company:	EXXON MOBIL CORP
Spiller Address:	1545 ROUTE 22 EAST
Spiller City,St,Zip:	ANNANDALE, NJ 08801
Spiller Company:	001
Contact Name:	FRANK MESSINA
Contact Phone:	(908) 730-2055
DEC Memo:	Case being handled under spill no. 90-09804.
Remarks:	RELATED TO DEC SPILL #90-09804 -> DAVE HARRINGTON FROM DEC - CENTRAL OFFICE IS CASE MANAGER. GSC TO CONDUCT VACUUM EVENTS TO REMOVE THE PRODUCT.

Material:

Site ID:	232632
Operable Unit ID:	886786
Operable Unit:	01
Material ID:	490954
Material Code:	0009
Material Name:	Gasoline

FORMER MOBIL #17-511 (Continued) **S100168138**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9108084
DER Facility ID:	191667
Facility Type:	ER
Site ID:	232635
DEC Region:	2
Spill Date:	10/29/1991
Spill Number/Closed Date:	9108084 / 11/14/1991
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	10/29/1991
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	11/14/1991
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	11/25/1991
Spill Record Last Update:	9/11/2003
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"SEE SPILL #90-09804This spill site has been transferred from DEC Sigona to RemedialBureau B, on August 4, 2003.
Remarks:	SPEEDY DRY APPLIED & PICKED UP. WILL REPAIR.

Material:

Site ID:	232635
Operable Unit ID:	958522
Operable Unit:	01
Material ID:	420257
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported

FORMER MOBIL #17-511 (Continued) **S100168138**

Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AW510 **MOBIL SERVICE STATION 17-511** **NY UST** **U0022593**
North **842 11TH AVENUE** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.241 mi.
1274 ft. **Site 4 of 4 in cluster AW**

Relative:
Higher

Actual:
27 ft.

UST:
Id/Status: 2-479780 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585179.28116999997
UTM Y: 4513794.4337900002

Affiliation Records:
Site Id: 21381
Affiliation Type: Facility Owner
Company Name: MOBIL OIL CORPORATION / EARTH
Contact Type: Not reported
Contact Name: Not reported
Address1: 3225 GALLOWS ROAD
Address2: Not reported
City: FAIRFAX
State: VA
Zip Code: 22037
Country Code: 001
Phone: (703) 846-5732
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 12/6/2006

Site Id: 21381
Affiliation Type: Mail Contact
Company Name: MOBIL OIL CORPORATION
Contact Type: Not reported
Contact Name: COMPLIANCE GROUP
Address1: P.O. BOX 142667
Address2: Not reported
City: AUSTIN
State: TX
Zip Code: 78714-2667
Country Code: 001
Phone: (800) 327-8431
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Date Last Modified:	3/4/2004
Site Id:	21381
Affiliation Type:	On-Site Operator
Company Name:	MOBIL SERVICE STATION 17-511
Contact Type:	Not reported
Contact Name:	MOBIL OIL CORPORATION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 560-8915
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	12/6/2006

Site Id:	21381
Affiliation Type:	Emergency Contact
Company Name:	MOBIL OIL CORPORATION / EARTH
Contact Type:	Not reported
Contact Name:	MOHAMMED KHAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(800) 662-4567
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	12/6/2006

Tank Info:

Tank Number:	001
Tank ID:	38742
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	10/01/1987
Date Tank Closed:	01/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	09
Date Test:	11/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Equipment Records:

B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F00 - Pipe External Protection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser

Tank Number:	002
Tank ID:	38743
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	10/01/1987
Date Tank Closed:	01/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	09
Date Test:	11/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F00 - Pipe External Protection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser

Tank Number:	003
Tank ID:	38744
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	10/01/1987
Date Tank Closed:	01/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	09
Date Test:	11/01/1993

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I01 - Overfill - Float Vent Valve
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 004
Tank ID: 38745
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 10/01/1987
Date Tank Closed: 01/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 10/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F00 - Pipe External Protection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser

Tank Number: 005
Tank ID: 38746
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 10/01/1987
Date Tank Closed: 01/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 10/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F00 - Pipe External Protection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser

Tank Number: 010
Tank ID: 49924
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None

Tank Number: 011
Tank ID: 49925
Tank Status: Closed - Removed
Capacity Gallons: 600
Install Date: 07/01/1995
Date Tank Closed: 01/01/1997
Registered: True

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
B04 - Tank External Protection - Fiberglass

Tank Number: 012
Tank ID: 50651
Tank Status: Closed - Removed
Capacity Gallons: 1000
Install Date: 05/01/1990
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/03/2012

Equipment Records:

H04 - Tank Leak Detection - Groundwater Well
G04 - Tank Secondary Containment - Double-Walled (Underground)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
B04 - Tank External Protection - Fiberglass

HIST UST:
PBS Number: 2-479780
SPDES Number: Not reported
Emergency Contact: MOHAMMED KHAN
Emergency Telephone: (800) 662-4567

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Operator:	MOBIL OIL CORPORATION
Operator Telephone:	(212) 560-8915
Owner Name:	MOBIL OIL CORPORATION / EARTH
Owner Address:	3225 GALLOWS ROAD
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 846-5732
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	MOBIL OIL CORPORATION
Mailing Address:	P.O. BOX 142667
Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	COMPLIANCE GROUP
Mailing Telephone:	(800) 327-8431
Owner Mark:	First Owner
Facility Status:	4 - Subpart 360-14 only (active)
Facility Addr2:	842 11TH AVENUE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	01/12/2000
Expiration Date:	02/03/2005
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	1000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19871001
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Dispenser: Submersible
Date Tested: 11/01/1993
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 01/01/1997
Test Method: VPLT (NDE)
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19871001
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: Float Vent Valve
Dispenser: Submersible
Date Tested: 11/01/1993
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 01/01/1997
Test Method: VPLT (NDE)
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19871001
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: Float Vent Valve
Dispenser: Submersible
Date Tested: 11/01/1993
Next Test Date: Not reported

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Missing Data for Tank: No Missing Data
Date Closed: 01/01/1997
Test Method: VPLT (NDE)
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19871001
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: Float Vent Valve
Dispenser: Submersible
Date Tested: 10/01/1993
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 01/01/1997
Test Method: VPLT (NDE)
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19871001
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: Float Vent Valve
Dispenser: Submersible
Date Tested: 10/01/1993
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 01/01/1997
Test Method: VPLT (NDE)

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	07/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	011
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19950701
Capacity (gals):	600
Product Stored:	UNKNOWN
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	High Level Alarm
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	01/01/1997
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

MOBIL SERVICE STATION 17-511 (Continued) **U0022593**

Tank Id:	012
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19900501
Capacity (gals):	1000
Product Stored:	USED OIL
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	Fiberglass
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Vault (w/access)
Leak Detection:	Groundwater Well
Overfill Prot:	Float Vent Valve
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AN511 **EDR US Hist Cleaners** **1015049926**
SE **365 W 51ST ST** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.242 mi.
1278 ft. **Site 11 of 15 in cluster AN**

Relative:
Higher

Actual:
54 ft.

EDR Historical Cleaners:

Name:	DING DONG CLEANERS INC
Year:	2003
Address:	365 W 51ST ST
Name:	DING DONG CLEANERS INC
Year:	2004
Address:	365 W 51ST ST
Name:	DING DONG CLEANERS INC
Year:	2005
Address:	365 W 51ST ST
Name:	DING DONG CLEANERS INC
Year:	2006
Address:	365 W 51ST ST
Name:	DING DONG CLEANERS INC
Year:	2007
Address:	365 W 51ST ST

AN512 **CON EDISON** **NY MANIFEST** **S112210283**
SE **FO 369 W 34TH ST EO 9TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY**
0.242 mi.
1278 ft. **Site 12 of 15 in cluster AN**

Relative:
Higher

Actual:
54 ft.

NY MANIFEST:

EPA ID:	NYP004264511
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-23
Trans1 Recv Date:	2012-08-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004264511
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010456166JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S112210283**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-08-23
Trans1 Recv Date:	2012-08-23
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-08-23
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004264511
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010456166JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AO513 **EDR US Hist Cleaners** **1015099525**
East **826 9TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.243 mi.
1281 ft. **Site 15 of 20 in cluster AO**

Relative:
Higher

Actual:
66 ft.

EDR Historical Cleaners:

Name:	TODD LAYNE CLEANERS
Year:	2010
Address:	826 9TH AVE
Name:	GREEN ORGANIC CLEANERS
Year:	2011
Address:	826 9TH AVE
Name:	GREEN ORGANIC CLEANERS
Year:	2012
Address:	826 9TH AVE

AT514 **422 WEST 56TH ST.** **NY AST** **A100193963**
East **422 WEST 56TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.243 mi.
1284 ft. **Site 4 of 5 in cluster AT**

Relative:
Higher

Actual:
72 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-340197
Program Type:	PBS
UTM X:	585536.51191999996
UTM Y:	4513449.5046199998
Expiration Date:	2016/10/12

Affiliation Records:

Site Id:	16419
Affiliation Type:	Facility Owner
Company Name:	JACREG REALTY CORP % ARTHUR HARUVI
Contact Type:	VP
Contact Name:	ARTHUR HARUVI
Address1:	114E 71ST ST. EAST SUITE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 769-1120
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/6/2011

Site Id:	16419
Affiliation Type:	Mail Contact
Company Name:	JACREG REALTY CORP.
Contact Type:	Not reported
Contact Name:	ARTHUR HARUVI
Address1:	114E 71ST ST. EAST SUITE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 769-1120
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	8/4/2006

Site Id:	16419
Affiliation Type:	On-Site Operator
Company Name:	422 WEST 56TH ST.
Contact Type:	Not reported
Contact Name:	MARCO RODRIQUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

422 WEST 56TH ST. (Continued) **A100193963**

Zip Code:	Not reported
Country Code:	001
Phone:	(917) 816-4973
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/6/2011

Site Id:	16419
Affiliation Type:	Emergency Contact
Company Name:	JACREG REALTY CORP % ARTHUR HARUVI
Contact Type:	Not reported
Contact Name:	ABE HARUVI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 853-5938
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/6/2011

Tank Info:

Tank Number:	001
Tank Id:	31569
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/01/1988
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	10/06/2011

AQ515 **653 ELEVENTH AVENUE** **NY HIST UST** **U000399738**
SW **653 ELEVENTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.243 mi.
1284 ft. **Site 16 of 17 in cluster AQ**

Relative:
Lower

Actual:
19 ft.

HIST UST:

PBS Number:	2-236489
SPDES Number:	Not reported
Emergency Contact:	BALRAM REPAUL
Emergency Telephone:	(212) 265-1336
Operator:	FORTY-SEVEN ELEVEN ASSOCIATES
Operator Telephone:	(212) 977-4900
Owner Name:	FORTY-SEVEN ELEVEN ASSOCIATES
Owner Address:	653 11TH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10036
Owner Telephone:	(212) 977-4900
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	FORTY-SEVEN ELEVEN ASSOCIATES
Mailing Address:	653 11TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10006
Mailing Contact:	STEVEN J FUCHS
Mailing Telephone:	(212) 977-4900
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	653 11TH AVENUE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/11/1997
Expiration Date:	07/10/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	10000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	10000

653 ELEVENTH AVENUE (Continued) **U000399738**

Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

AQ516 **EDR US Hist Auto Stat** **1015591759**
SW **653 11TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.243 mi.
1284 ft. **Site 17 of 17 in cluster AQ**

Relative:
Lower

Actual:
19 ft.

EDR Historical Auto Stations:

Name:	A ONE TRANSMISSION PARTS INCORPORATED
Year:	1999
Address:	653 11TH AVE
Name:	A ONE TRANSMISSION PARTS INCORPORATED
Year:	2000
Address:	653 11TH AVE
Name:	A ONE TRANSMISSION PARTS INC
Year:	2002
Address:	653 11TH AVE

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517 **DSNY MAN-4, 4A, 7 DISTRICT GARAGE** **NY UST** **U003074860**
NNW **786 12TH AVENUE** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019** **NY AST**
0.244 mi. **NY HIST AST**
1286 ft.

Relative:
Lower

Actual:
13 ft.

UST:

Id/Status:	2-455741 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2017/05/21
UTM X:	584766.45369999995
UTM Y:	4513432.0982600003

Affiliation Records:

Site Id:	20061

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF SANITATION
Contact Type:	Not reported
Contact Name:	A/C M. BONACORSA
Address1:	125 WORTH STREET
Address2:	ROOM #823B
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	7/25/2012

Site Id:	20061
Affiliation Type:	On-Site Operator
Company Name:	DSNY MAN-4, 4A, 7 DISTRICT GARAGE
Contact Type:	Not reported
Contact Name:	GARAGE SUPERVISOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 506-7417
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXAJOKU
Date Last Modified:	1/10/2013

Site Id:	20061
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPT OF SANITATION
Contact Type:	Not reported
Contact Name:	BUREAU OF CLEANUP & COLLECTION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXAJOKU
Date Last Modified:	1/10/2013

Site Id:	20061
Affiliation Type:	Facility Owner
Company Name:	NYC DEPT OF SANITATION
Contact Type:	ASSISTANT CHIEF
Contact Name:	MICHAEL BONACORSA
Address1:	125 WORTH ST - RM #823B
Address2:	Not reported

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	7/25/2012

Tank Info:

Tank Number:	001
Tank ID:	36196
Tank Status:	Closed - Removed
Capacity Gallons:	2000
Install Date:	12/01/1985
Date Tank Closed:	11/03/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Number:	002
Tank ID:	36197
Tank Status:	Closed - In Place
Capacity Gallons:	4000
Install Date:	12/01/1985
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Number: 101
Tank ID: 244913
Tank Status: In Service
Capacity Gallons: 4000
Install Date: 05/21/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2710
Common Name of Substance: Biodiesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMMOLOUG
Last Modified: 07/25/2012

Equipment Records:

F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
I03 - Overfill - Automatic Shut-Off
B00 - Tank External Protection - None
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 102
Tank ID: 244914
Tank Status: In Service
Capacity Gallons: 4000
Install Date: 05/21/2012
Date Tank Closed: Not reported

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2710
Common Name of Substance: Biodiesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMMOLOUG
Last Modified: 07/25/2012

Equipment Records:

F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
I03 - Overfill - Automatic Shut-Off
B00 - Tank External Protection - None
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 103
Tank ID: 244915
Tank Status: In Service
Capacity Gallons: 3000
Install Date: 05/21/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMMOLOUG
Last Modified: 07/25/2012

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F04 - Pipe External Protection - Fiberglass
B00 - Tank External Protection - None
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

K00 - Spill Prevention - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number:	104
Tank ID:	244916
Tank Status:	In Service
Capacity Gallons:	3000
Install Date:	05/21/2012
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DMMOLOUG
Last Modified:	07/25/2012

Equipment Records:

F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
I03 - Overfill - Automatic Shut-Off
B00 - Tank External Protection - None
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number:	105
Tank ID:	244917
Tank Status:	In Service
Capacity Gallons:	3000
Install Date:	05/21/2012
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2710
Common Name of Substance:	Biodiesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DMMOLOUG

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Last Modified: 07/25/2012

Equipment Records:

F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
I03 - Overfill - Automatic Shut-Off
B00 - Tank External Protection - None
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 106
Tank ID: 244918
Tank Status: In Service
Capacity Gallons: 2000
Install Date: 05/21/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0015
Common Name of Substance: Motor Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMMOLOUG
Last Modified: 07/25/2012

Equipment Records:

F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E04 - Piping Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: 107
Tank ID: 244919
Tank Status: In Service
Capacity Gallons: 2000
Install Date: 05/21/2012

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMMOLOUG
Last Modified: 07/25/2012

Equipment Records:

F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E04 - Piping Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: 108
Tank ID: 244920
Tank Status: In Service
Capacity Gallons: 1000
Install Date: 05/21/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMMOLOUG
Last Modified: 07/25/2012

Equipment Records:

J00 - Dispenser - None
F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E04 - Piping Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

HIST UST:

PBS Number:	2-455741
SPDES Number:	Not reported
Emergency Contact:	BUREAU OF CLEANING &COLLECTION
Emergency Telephone:	(212) 788-4054
Operator:	NYC DEPT OF SANITATION, BCC
Operator Telephone:	(212) 246-2988
Owner Name:	NYC DEPT OF SANITATION
Owner Address:	125 WORTH ST - RM #823
Owner City,St,Zip:	NEW YORK, NY 10013
Owner Telephone:	(212) 788-4054
Owner Type:	Local Government
Owner Subtype:	The City of New York
Mailing Name:	NYC DEPT OF SANITATION
Mailing Address:	125 WORTH ST - RM #823
Mailing Address 2:	8TH FLOOR
Mailing City,St,Zip:	NEW YORK, NY 10013
Mailing Contact:	CHIEF OF FACILITIES OPERAF LEG
Mailing Telephone:	(212) 788-4077
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	786 12TH AVE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	03/23/1999
Expiration Date:	12/06/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5375
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Temporarily Out Of Service

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Install Date:	19851201
Capacity (gals):	2000
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	12/01/1995
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19851201
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-455741
Program Type:	PBS
UTM X:	584766.45369999995

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

UTM Y: 4513432.0982600003
Expiration Date: 2017/05/21

Affiliation Records:

Site Id: 20061
Affiliation Type: Mail Contact
Company Name: NEW YORK CITY DEPARTMENT OF SANITATION
Contact Type: Not reported
Contact Name: A/C M. BONACORSA
Address1: 125 WORTH STREET
Address2: ROOM #823B
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (646) 885-4874
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 7/25/2012

Site Id: 20061
Affiliation Type: On-Site Operator
Company Name: DSNY MAN-4, 4A, 7 DISTRICT GARAGE
Contact Type: Not reported
Contact Name: GARAGE SUPERVISOR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (212) 506-7417
EMail: Not reported
Fax Number: Not reported
Modified By: MXAJOKU
Date Last Modified: 1/10/2013

Site Id: 20061
Affiliation Type: Emergency Contact
Company Name: NYC DEPT OF SANITATION
Contact Type: Not reported
Contact Name: BUREAU OF CLEANUP & COLLECTION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 885-4874
EMail: Not reported
Fax Number: Not reported
Modified By: MXAJOKU
Date Last Modified: 1/10/2013

Site Id: 20061
Affiliation Type: Facility Owner
Company Name: NYC DEPT OF SANITATION

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Contact Type:	ASSISTANT CHIEF
Contact Name:	MICHAEL BONACORSA
Address1:	125 WORTH ST - RM #823B
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	7/25/2012

Tank Info:

Tank Number:	003
Tank Id:	36198
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/03/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	004
Tank Id:	36199
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/03/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	005
Tank Id:	36200
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/03/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	006
Tank Id:	36201
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/03/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	007
Tank Id:	36202
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/03/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	008
Tank Id:	36203
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1985
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/03/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	109
Tank Id:	244921
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

J00 - Dispenser - None
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
K00 - Spill Prevention - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/21/2012
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMMOLOUG

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Last Modified: 07/25/2012

Tank Number: 110
Tank Id: 244922
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

J00 - Dispenser - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/21/2012
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMMOLOUG
Last Modified: 07/25/2012

Tank Number: 111
Tank Id: 244923
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
D03 - Pipe Type - Stainless Steel Alloy
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/21/2012
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMMOLOUG
Last Modified:	07/25/2012

Tank Number:	112
Tank Id:	244924
Material Code:	0015
Common Name of Substance:	Motor Oil

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
D03 - Pipe Type - Stainless Steel Alloy
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/21/2012
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMMOLOUG
Last Modified:	07/25/2012

Tank Number:	113
Tank Id:	244925
Material Code:	0010
Common Name of Substance:	Hydraulic Oil

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Equipment Records:
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
D03 - Pipe Type - Stainless Steel Alloy
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/21/2012
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMMOLOUG
Last Modified: 07/25/2012

Tank Number: 114
Tank Id: 244926
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Equipment Records:
I02 - Overfill - High Level Alarm
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/21/2012
Capacity Gallons: 2000

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMMOLOUG
Last Modified:	07/25/2012

HIST AST:

PBS Number:	2-455741
SWIS Code:	6201
Operator:	NYC DEPT OF SANITATION, BCC
Facility Phone:	(212) 246-2988
Facility Addr2:	786 12TH AVE
Facility Type:	OTHER
Emergency:	BUREAU OF CLEANING &COLLECTION
Emergency Tel:	(212) 788-4054
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NYC DEPT OF SANITATION
Owner Address:	125 WORTH ST - RM #823
Owner City,St,Zip:	NEW YORK, NY 10013
Federal ID:	Not reported
Owner Tel:	(212) 788-4054
Owner Type:	Local Government
Owner Subtype:	C
Mailing Contact:	CHIEF OF FACILITIES OPERAF LEG
Mailing Name:	NYC DEPT OF SANITATION
Mailing Address:	125 WORTH ST - RM #823
Mailing Address 2:	8TH FLOOR
Mailing City,St,Zip:	NEW YORK, NY 10013
Mailing Telephone:	(212) 788-4077
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/23/1999
Expiration:	12/06/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5375
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	003
Tank Location:	ABOVEGROUND

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Tank Status:	In Service
Install Date:	19701201
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	1
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	004
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19701201
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	1
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	005
Tank Location:	ABOVEGROUND
Tank Status:	In Service

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Install Date:	19701201
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	1
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	006
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19701201
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	1
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	007
Tank Location:	ABOVEGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	19701201

DSNY MAN-4, 4A, 7 DISTRICT GARAGE (Continued) **U003074860**

Capacity (Gal):	275
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	1
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	008
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19851201
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	1
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AO518 **EDR US Hist Cleaners** **1015099667**
East **829 9TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.245 mi.
1291 ft. **Site 16 of 20 in cluster AO**

Relative:
Higher

Actual:
67 ft.

EDR Historical Cleaners:

Name:	NINTH 55 EXPRESS CLEANERS INC
Year:	2010
Address:	829 9TH AVE
Name:	NINTH 55 EXPRESS CLEANERS INC
Year:	2011
Address:	829 9TH AVE
Name:	NINTH 55 EXPRESS CLEANERS INC
Year:	2012
Address:	829 9TH AVE

AN519 **766 NINTH CORP.** **NY AST** **A100173479**
SE **764-768 NINTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.245 mi.
1291 ft. **Site 13 of 15 in cluster AN**

Relative:
Higher

Actual:
55 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-509353
Program Type:	PBS
UTM X:	585369.24346999999
UTM Y:	4513068.6621500002
Expiration Date:	2011/01/25

Affiliation Records:

Site Id:	21763
Affiliation Type:	Facility Owner
Company Name:	C. GERSHON COMPANY, INC.
Contact Type:	PROPERTY MANAGER
Contact Name:	GARY WHYTE
Address1:	312 W. 55 STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 315-1717
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/6/2005
Site Id:	21763
Affiliation Type:	Mail Contact
Company Name:	C. GERSHON COMPANY, INC.
Contact Type:	PROPERTY MANAGER
Contact Name:	GARY WHYTE
Address1:	312 W. 55 STREET
Address2:	Not reported

766 NINTH CORP. (Continued) **A100173479**

City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 315-1717
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/6/2005

Site Id:	21763
Affiliation Type:	On-Site Operator
Company Name:	766 NINTH CORP.
Contact Type:	Not reported
Contact Name:	766 NINTH CORP.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 315-1717
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21763
Affiliation Type:	Emergency Contact
Company Name:	C. GERSHON COMPANY, INC.
Contact Type:	Not reported
Contact Name:	TONY VASQUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 401-4257
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	39677
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other

766 NINTH CORP. (Continued) **A100173479**

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	12/06/2005

AX520 **NYC DEPT OF SANITATION - J SCHIAVONE** **RCRA NonGen / NLR** **1000141017**
North **650 W 57TH ST M-W-4** **FINDS** **NYD986869980**
1/8-1/4 **NEW YORK, NY 10019** **NY LTANKS**
0.245 mi. **NY MANIFEST**
1292 ft. **Site 4 of 6 in cluster AX** **NY Spills**

Relative:
Lower

Actual:
18 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	NYC DEPT OF SANITATION - J SCHIAVONE
Facility address:	650 W 57TH ST M-W-4 NEW YORK, NY 100191002
EPA ID:	NYD986869980
Mailing address:	58TH ST ROOM 404 WOODSIDE, NY 11377
Contact:	Not reported
Contact address:	58TH ST ROOM 404 WOODSIDE, NY 11377
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CITY OF NEW YORK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF NEW YORK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYC DEPT OF SANITATION - J SCHIAVONE
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: NYC DEPT OF SANITATION - J SCHIAVONE
Classification: Not a generator, verified

Date form received by agency: 06/15/1988
Facility name: NYC DEPT OF SANITATION - J SCHIAVONE
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004436717

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

LTANKS:

Site ID:	139080
Spill Number/Closed Date:	0103907 / Not Reported
Spill Date:	7/12/2001
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	adzhitom
Referred To:	THE FIFTH WELL WILL BE ADDED INVESTIGATION 5-2012
Reported to Dept:	7/12/2001
CID:	207
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	7/12/2001
Spill Record Last Update:	5/18/2012
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	LUCILLE FITZGERALD
Spiller Phone:	(516) 485-0000
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	122611
DEC Memo:	10-09-09 The spill report was previously assigned to Imdadul Islam. The spill was reassigned to Alex Zhitomirsky on 10/09/09 since AZ handles the other spill at the site. AZ contacted Jane Staten URS. The spill was caused by 10,000 gal tank which failed the tightness test. The tank number is either #15 or #29. The tank probably contained heating oil. Two 10,000 gal tanks were removed in 2003 by Edward Levinson Company.I requested that URS identifies the tank location and include the tank area in their investigative plan to be submitted to DEC. AZ7-20-2010 Received a letter from URS dated July, 2010. The letter states that during the site visit URS observed that the building is still under construction. It's not feasible to install any wells. Therefore, remedial work is on hold. AZ2-16-2012 Contacted K. Shenahan (URS). DEC approved excavation in May 1999. Excavation was performed. URS requested closure in June 2009. In October 2009 DEC rejected the request since no confirmation sampling

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

has not been done. WP was submitted in March 2010. DEC requested to move wells where the product was previously detected. There is a new giant building at the site, so the wells are limited to the sidewalk. June 22, 2010, URS visited the site to adjust the well locations. Scaffolding was on the sidewalk and the sidewalk was not accessible. In October 2011 URS checked the status of the sidewalk and the scaffolding is gone. URS will submit a figure with the modified well locations within next two weeks. Product plume location will be indicated on the maps. AZ2-21-2012 Proposed well locations submitted to DEC and edoc'ed. AZ2-22-2012 K. Shenahan forwarded an updated version of proposed well locations. AZ3-1-2012 Reviewed and discussed a modified version of the the proposed well locations. It was decided that locations proposed in 3/10 will be actual well locations. Also, an additional well will be installed opposite WB-1 near the former fill port, if feasible. An email was received from K. Shenhan:"Alex,Thanks you for discussing the proposed field investigation URS has proposed for this site. Based on our discussions this afternoon, URS will proceed with the original well locations indicated on the attached Figure as 3/10 and not the revised locations identified as 2/12. In addition, URS will include a fifth well in the sidewalk of 56th Street on the eastern end of the site near the label "oil fill". AZ4-26-2012 An e-mail was sent to K. Shenahan and V. Brevdo:"Kevin,I am sorry, but on the plan which you have sent me I do not see the "fifth well in the sidewalk of 56th Street on the eastern end of the site near the label "oil fill" which you have mentioned in your mail.Could you clarify?Thanks,Alex"5-1-2012 An e-mail from K. Shenahan:"Alex,You are correct, the fifth well is not on Figure 2. We will add the fifth well and re-issue the report to you with the current date.Kevin J. ShanahanProject Manager

Remarks: Not reported

Material:

Tank Test:

Site ID:	139080
Spill Tank Test:	1526459
Tank Number:	1
Tank Size:	10000
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

NY MANIFEST:

EPA ID:	NYD986869980
Country:	USA
Mailing Name:	NEW YORK CITY SANITATION GARAGE
Mailing Contact:	NEW YORK CITY SANITATION GARAGE
Mailing Address:	650 WEST 57TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

Mailing Zip: 10019
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-265-3754

Document ID: NYA5263317
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: TP5255
Trans2 State ID: Not reported
Generator Ship Date: 880721
Trans1 Recv Date: 880721
Trans2 Recv Date: 880722
TSD Site Recv Date: 880722
Part A Recv Date: 880929
Part B Recv Date: 880929
Generator EPA ID: NYD986869980
Trans1 EPA ID: NYD981185903
Trans2 EPA ID: Not reported
TSDF ID: NYD082785429
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 02000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NYG1057581
Manifest Status: Not reported
Trans1 State ID: NYD077444263
Trans2 State ID: Not reported
Generator Ship Date: 12/04/1998
Trans1 Recv Date: 12/04/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/09/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986869980
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: PD1011NY
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00800
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

SPILLS:
Facility ID: 0508045
DER Facility ID: 122611
Facility Type: ER

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

Site ID:	353564
DEC Region:	2
Spill Date:	9/30/2005
Spill Number/Closed Date:	0508045 / 1/12/2006
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	ADZHITOM
Referred To:	Not reported
Reported to Dept:	10/5/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/5/2005
Spill Record Last Update:	1/12/2006
Spiller Name:	ERT DESK
Spiller Company:	EXCAVATION
Spiller Address:	650 WEST 57TH STREET
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	ERT DESK'
Contact Phone:	(212) 580-8383
DEC Memo:	Con Ed was on site digging and found gasoline contaminated soil.Cross Ref Spill #9403727 relating to NYC Sanitation site at 650 West 57th St.10/05/05 I notified LiRo (S. Frank) about the spill.AZConEd says via e2mis report # 161308 of 9/30:THIRD PARTY SPILL FOUND ON NON CON EDISON COMPANY PROPERTY. LOCATION F/O # 650 W.57 ST E/O 12 AVE .N.Y.N.Y. TIME:04:40 A.M. FELIX ASSOCIATES CONTRACTORS WORKING FOR CON EDISON WAS EXCAVATING AND FOUND A STRONG ODOR OF GASOLINE IN THE EXCAVATION. ALL WORK IS STOPPED AND EXCAVATION IS BARRICADED. NO FIRE, NO SMOKE, NO INJURIES, NO IMPACT TO PRIVATE PROPERTY, NO SEWERS, NO WATERWAYS. M.CAMPANELLI #13447-09/30/2005THIRD PARTY SPILL. OPERATION REVIEW :09/30?2005--06:45 A.M. SPOKE WITH SUPERVISOR TIM LANGAN ABOUT THIS TASK,AND FOUND SITUATION AS STATED ABOVE.TIM CALLED CHEM-LAB AND SET UP THE APPOINTMENT FOR SOIL TESTING. CHEM-LAB WILL BE ON LOCATIO ON SATURDAY MORNING 10/1/2005 TO TAKE SOIL SAMPLES. THE SITUATION WILL BE ADDRESSED WHEN THE RESULTS COME BACK. THE JOB IS NOW IDLE AND PENDIND SAMPLE RESULTS. GARY SOSO 52484-09/30/2005THIRD PARTY SPILL UPDATE. Operational update Oct 4th 2005 1:20 p.m. Reported the spill to CIG, Mr.Mc quire and ERT Mr. Duke, because I was under the impression that the third party spill was not reported to CIG. Informed them of third party spill as indicated on 9/30/2005.Interviewed Troubleshooter dispatcher Micheal Campanelli and he informed me that he did report the third party spill to CiG on 9/30/2005 at 5:15 a.m. Chem-Lab results received oil identification-analysis indicates the presence of a substance similar to a light fuel oilreceived PCB-analysis by EPA 608/8082.aroclor 1242-< 1.0 ppmaroclor 1254 < 1.0 ppmaroclor 1248 < 1.0 ppmaroclor 1260 < 1.0 ppmI Spoke to trouble dispatcher Micheal Campanelli and he

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

informed me that he did report the spill to CIG Mr Mark Schlagel when this report was filed at 05:15 A.M. on September the 30thGary Soso 52484. Above entered by Geo Breen.

Remarks: WHILE DIGGING CAME ACCROSS A HOLE WITH SOME GAS ODORS NO SHOWN VISIBLE: CONED # 161308: NO TO 5 QUESTIONS: SAMPLES WERE TAKEN:

Material:

Site ID:	353564
Operable Unit ID:	1111020
Operable Unit:	01
Material ID:	2101062
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9403727
DER Facility ID:	122611
Facility Type:	ER
Site ID:	143805
DEC Region:	2
Spill Date:	6/16/1994
Spill Number/Closed Date:	9403727 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	ADZHITOM
Referred To:	INVESTIGATION PLAN
Reported to Dept:	6/16/1994
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	9/22/1994
Spill Record Last Update:	5/16/2012
Spiller Name:	Not reported
Spiller Company:	MANHATTAN FOUR GARGE
Spiller Address:	650 WEST 57TH STREET
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAM. SOIL & G/W.TRANSFERRED FROM Y.KRIMGOLD.10/05/05 The facility was demolished and will undergo reconstruction. Sanitation will excavate for the basement and underground parking to about 20 feet depth. New spill was called in by Con Ed. They discovered soil heaily contaminated with gasoline in front of the facility. I notified S. Frank (LiRo). See also spill #0508045 AZ 1/17/2006 Excavation is pending. New consultants should submit their plan and timetable. AZ4/11/2006 I contacted Jane Staten (URS). The site was last time sampled in 2002. Groundwater contamination was found but not delineated. Free phase and dissolved phase up to 16, 000 ppb . Excavation is still pending. AZ9/26/2006 I contacted Jane Staten (URS). They demolished the existing facility, removed the tanks. Closure reports were never submitted by demolition contractors (EPM -environmental consultants), although heavy contamination was encountered. Jane Staten requested tank closure report from EPM. AZ1/24/2007 At the meeting with DDC/URS on January 10, 2007, the site was discussed. The facility construction is near completion. The tanks were removed. No end point samples were taken. No tank closure reports were issued. Bovis is the construction CM. URS will arrange a site visit with DOS. AZ9/25/2007 Received e-mail from Jane Staten (URS). There is no information about the area which was excavated for the construction purposes. The construction is still ongoing. I called Jane Staten. She notified me that no post-excavation samples were reported. The area is currently unaccessible. I requested that URS/DDC notify DEC when the construction ends. Excavation and end point sampling should be coordinated with NYC DOS. When the area is accessible URS should submit a sampling Plan based on the previous investigation. AZ3-17-2009 Inquired about the site status (J.Staten -URS)via e-mail. AZ10-09-09 Discussed the site with Jane Staten. Excavation was performed at the site by Bovis for solely construction purposes. No post-excavation samples were taken. Excavation was not coordinated with DDC. Environmental work/observations/sampling was not performed during the excavation. I informed Jane Staten that an investigation of soil and groundwater should be performed at the site. The investigation plan based on the results of the previous investigation and monitoring should be submitted to DEC. The area of the former free product plume and soil/groundwater contamination should be investigated. Request for closure was rejected. AZ 3-22-2010 An e-mail was sent to J. Staten (URS):"I am reviewing Field Investigation Work Plan for the above site. Unfortunately, the submitted Work Plan doesn’t contain results of the previous investigations. Please submit soil and groundwater plume maps and tables which show results of the previous investigation(s). After review of these materials, DEC will finish reviewing the proposed work plan." AZ3-23-2010 An e-mail sent to J. Staten: :"Thanks Jane.Your e-mail does help in terms of well placements. However, results of the previous investigations should be included in the work plans for future investigations. Please, resubmit the work plan for this site and include hard copies of the plume maps and tables.Contacted J. Staten." Contacted J. Staten. She informed me that according to Cal Gerson, the CM for the new construction, the interior of the building is off limits because a "pressure slab currently exists under the entire footprint of the former facility that is reflected on the LiRo drawing. A pressure slab does not exist

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

outboard of the footprint of the former facility (that is to say - a pressure slab does not exist under the sidewalks and under a 10FT. +/- strip between the sidewalk and the new facility)." Specifically, "the area of the former UST's has currently become a Basement level, with 24" reinforced concrete pressure slab and a Bontonite Waterproofing membrane (both of which are several feet below the water table)" which should not be penetrated. AZ5-10-2010 Reviewed Revised Field Investigation Work Plan. Contacted Kevin Shanahan (URS). Requested submittal of groundwater and soil plume maps with the locations of proposed wells.AZ5-27-2010 Contacted Don McCall (URS). Upon DEC request, he sent DEC a plan with proposed well locations (4 wells). I asked Don if it's feasible to move wells closer to the former free phase plume area and to the wells MW-2 and MW-13 where most of the dissolved phase contamination was previously encountered. AZ2-21-2012 Received the following email from K. Shenahan:"Alex,URS issued a report for this site on March 25, 2010, which discussed how the former facility was demolished and a new DOS facility was constructed. The report is attached. Also attached you will find a pdf of a memo from the construction manager indicating that the site was excavated to bedrock and that the material was transported off-site for disposal (see photograph illustrating 20 foot deep excavation). The March 2010 report contained a plan to install and sample four groundwater monitoring wells located along the sidewalk to provided sufficient data for DEC to evaluate closure of the open spill numbers. Access to the sidewalk had been blocked by scaffolding until October 2011. The attached pdf illustrates existing site conditions from Google maps.On March 27, 2010 you provided verbal comments regarding shifting one or two of the well locations closer to the area where product was detected by Liro (see attached Liro report Figure 4-3) and closer to wells MW-02 and MW-13 where high VOCs were detected prior to remedial excavation (see Liro report Figure 4-2). To address your request, we have shifted the locations as shown on the attached pdf identified as "Figure 2 - Proposed MW Locations". Also shown on this figure is the estimated groundwater flow direction to the southwest. As you will see, three of the four proposed wells are down gradient of the areas where product was detected and high VOCs in groundwater. We have evaluated the existing conditions and have located the wells at the best locations possible to facilitate drilling. Since artesian conditions exist at this site, we will install the wells in accordance with the March 25th work plan but will keep the wells relatively shallow. URS would like formal approval of the revised well locations so we can schedule the drilling and sampling." AZThanks,Kevin J. ShanahanProject Manager5-16-2012 The following e-mail was sent to K. Shenahan/M. Asbagh/V. Brevdo:"Dear Kevin, I have reviewed a Work Plan modified on May 2, 2012. The Work Plan calls for installation of five monitoring wells. The Work Plan is approved. If contamination is found in the proposed area of investigation, it should be delineated. The Responsible Party and its contractors are solely responsible for the safe execution of all invasive work performed at the site, and in particular, are responsible for identifying subsurface utilities and safeguarding the structural integrity of any excavations, buildings, utilities, and other structures both on- and off-site that may be adversely affected by the work. The Responsible Party and its contractors must obtain any local, state or federal permits or approvals that may be required to perform the work necessary to address this spill. Furthermore, the Responsible Party and its

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

contractors are solely responsible for the implementation of all appropriate health and safety measures during the performance of this work. Sincerely, Alexander ZhitomirskyEngineering Geologist 2NYSDEC Region 2Division of Environmental Remediation" AZ

Remarks: WHILE INSTALLING MONITORING WELLS, CONTAMINATED SOIL & G/W WERE DISCOVERED. WILL EXCAVATE CONTAMINATED SOIL- CONTINUE INVESTIGATION FOR SOURCE.

Material:

Site ID:	143805
Operable Unit ID:	997402
Operable Unit:	01
Material ID:	383898
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	143805
Operable Unit ID:	997402
Operable Unit:	01
Material ID:	2096729
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9709660
DER Facility ID:	122611
Facility Type:	ER
Site ID:	143806
DEC Region:	2
Spill Date:	11/19/1997
Spill Number/Closed Date:	9709660 / 10/31/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	11/19/1997
CID:	196
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/19/1997
Spill Record Last Update:	12/21/2004
Spiller Name:	Not reported
Spiller Company:	NYC SANITATION SITE
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	NYC DDC TONY MORINO
Contact Phone:	(718) 391-1062
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Remarks:	UNDERGROUND STORAGE TANK LEAKING. UNKNOWN AMOUNT OF PRODUCT.Same site as spill # 9403727 and 9812850.

Material:

Site ID:	143806
Operable Unit ID:	1055997
Operable Unit:	01
Material ID:	327996
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9812850
DER Facility ID:	122611
Facility Type:	ER
Site ID:	139081
DEC Region:	2
Spill Date:	1/19/1999
Spill Number/Closed Date:	9812850 / 10/31/2003
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1/19/1999
CID:	312
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000141017**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/19/1999
Spill Record Last Update:	12/21/2004
Spiller Name:	Not reported
Spiller Company:	NYC DEPT OF SANITATION
Spiller Address:	650 WEST 57TH ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	ANTHONY PETITO
Contact Phone:	(212) 265-3754
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"2 BORINGS GEOPROBE ZEBM HAD PRODUCT SAT SOIL FROM INTER FUEL.
Remarks:	ELEVATED PID READINGS - PERFORMING BORINGS UNDER CONCRETE FLOOR. Same as spill #s 9709660 and 9403727.

Material:

Site ID:	139081
Operable Unit ID:	1073302
Operable Unit:	01
Material ID:	313127
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AX521 **NYC SANITATION BCC OPS** **NY LTANKS** **S105055284**
North **650 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY**
0.245 mi.
1292 ft. **Site 5 of 6 in cluster AX**

Relative:
Lower

Actual:
18 ft.

LTANKS:

Site ID:	70363
Spill Number/Closed Date:	9908580 / 3/4/2003
Spill Date:	10/14/1999
Spill Cause:	Tank Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	10/14/1999

NYC SANITATION BCC OPS (Continued) **S105055284**

CID:	390
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/14/1999
Spill Record Last Update:	3/4/2003
Spiller Name:	OTIS JOHNSON
Spiller Company:	NYC SANITATION BCC OPS
Spiller Address:	650 W 57TH ST
Spiller City,St,Zip:	NEW YORK, ZZ
Spiller County:	001
Spiller Contact:	OTIS JOHNSON
Spiller Phone:	(212) 788-4058
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	66782
DEC Memo:	Not reported
Remarks:	50 gals of #2 oil spilled into a 4 x 4 pit - in the peocess of being cleaned up now

Material:

Site ID:	70363
Operable Unit ID:	1082851
Operable Unit:	01
Material ID:	297691
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AX522 **MANHATTAN WEST 4, 4A GARAGE** **NY UST** **U003074863**
North **650 WEST 57TH STREET** **NY HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10019** **NY AST**
0.245 mi. **NY HIST AST**
1292 ft. **Site 6 of 6 in cluster AX**

Relative:
Lower

Actual:
18 ft.

UST:

Id/Status:	2-455806 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585034.56617999997
UTM Y:	4513819.9698599996

Affiliation Records:

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Site Id:	20066
Affiliation Type:	Facility Owner
Company Name:	NYC DEPT OF SANITATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	125 WORTH ST. - RM #823
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20066
Affiliation Type:	On-Site Operator
Company Name:	MANHATTAN WEST 4, 4A GARAGE
Contact Type:	Not reported
Contact Name:	GARAGE SUPERVISOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 628-7960
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20066
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPT OF SANITATION
Contact Type:	Not reported
Contact Name:	OPERATIONS DESK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 885-4860
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/13/2008

Site Id:	20066
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT OF SANITATION
Contact Type:	Not reported
Contact Name:	CHIEF OF EQUIP. & FACIL. F LEG
Address1:	125 WORTH STREET

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Address2:	ROOM 823
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	36250
Tank Status:	Closed - Removed
Capacity Gallons:	7500
Install Date:	12/01/1984
Date Tank Closed:	11/03/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	01
Date Test:	03/01/1994
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	002
Tank ID:	36251
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	12/01/1984
Date Tank Closed:	11/03/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	03/01/1994

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 36252
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1984
Date Tank Closed: 11/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 004
Tank ID: 36253
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1984
Date Tank Closed: 11/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Common Name of Substance: Diesel

Tightness Test Method: 01
Date Test: 05/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 36254
Tank Status: Closed - Removed
Capacity Gallons: 2000
Install Date: 12/01/1984
Date Tank Closed: 11/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 36255
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1984
Date Tank Closed: 11/03/2003

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 01
Date Test: 05/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 007
Tank ID: 36256
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1970
Date Tank Closed: 11/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 009
Tank ID: 36258

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1970
Date Tank Closed:	11/03/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number:	011
Tank ID:	36260
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1970
Date Tank Closed:	11/03/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Tank Number: 013
Tank ID: 36262
Tank Status: Closed - Removed
Capacity Gallons: 10000
Install Date: 12/01/1970
Date Tank Closed: 11/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 015
Tank ID: 36264
Tank Status: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1970
Date Tank Closed: 11/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 017
Tank ID: 36266
Tank Status: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1970
Date Tank Closed: 11/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 019
Tank ID: 36268
Tank Status: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1970
Date Tank Closed: 11/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 020
Tank ID: 36269
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1970
Date Tank Closed: 11/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

HIST UST:
PBS Number: 2-455806
SPDES Number: Not reported
Emergency Contact: BUREAU OF CLEANING &COLLECTION
Emergency Telephone: (212) 788-4054
Operator: NYC DEPT OF SANITATION
Operator Telephone: (212) 265-3754
Owner Name: NYC DEPT OF SANITATION
Owner Address: 44 BEAVER STREET, 8TH FLOOR
Owner City,St,Zip: NEW YORK, NY 10004
Owner Telephone: (212) 788-4777
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Name: NYC DEPT OF SANITATION
Mailing Address: 44 BEAVER ST.
Mailing Address 2: 8TH FLOOR
Mailing City,St,Zip: NEW YORK, NY 10034
Mailing Contact: MR. SAMPERI F LEG
Mailing Telephone: (212) 788-4777

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	650 WEST 57TH STREET
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	03/23/1999
Expiration Date:	12/06/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	40625
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	19841201
Capacity (gals):	7500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	03/01/1994
Next Test Date:	03/01/1999
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19841201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	03/01/1994
Next Test Date:	03/01/1999
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	19841201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	12/01/1994
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19841201

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	05/01/1994
Next Test Date:	05/01/1999
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19841201
Capacity (gals):	2000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	12/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19841201
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: 05/01/1994
Next Test Date: 05/01/1999
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 007
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: 19701201
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 009
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: 19701201
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	011
Tank Location:	UNDERGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	19701201
Capacity (gals):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	013
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19701201
Capacity (gals):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: 12/27/1987
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 015
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: 19701201
Capacity (gals): 1000
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 017
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: 19701201
Capacity (gals): 1000
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	019
Tank Location:	UNDERGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	19701201
Capacity (gals):	1000
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	020
Tank Location:	UNDERGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	19701201
Capacity (gals):	550
Product Stored:	KEROSENE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-455806
Program Type: PBS
UTM X: 585034.56617999997
UTM Y: 4513819.9698599996
Expiration Date: N/A

Affiliation Records:
Site Id: 20066
Affiliation Type: Facility Owner
Company Name: NYC DEPT OF SANITATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 125 WORTH ST. - RM #823
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (646) 885-4874
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 20066
Affiliation Type: On-Site Operator
Company Name: MANHATTAN WEST 4, 4A GARAGE
Contact Type: Not reported
Contact Name: GARAGE SUPERVISOR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 628-7960
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 20066
Affiliation Type: Emergency Contact
Company Name: NYC DEPT OF SANITATION
Contact Type: Not reported
Contact Name: OPERATIONS DESK

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 885-4860
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/13/2008

Site Id:	20066
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT OF SANITATION
Contact Type:	Not reported
Contact Name:	CHIEF OF EQUIP. & FACIL. F LEG
Address1:	125 WORTH STREET
Address2:	ROOM 823
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	008
Tank Id:	36257
Material Code:	0012
Common Name of Substance:	Kerosene [#1 Fuel Oil] (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/03/2003
Register:	True

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 010
Tank Id: 36259
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1970
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/03/2003
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 012
Tank Id: 36261
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Equipment Records:
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1970
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Next Test Date: Not reported
Date Tank Closed: 11/03/2003
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 014
Tank Id: 36263
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1970
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/03/2003
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 016
Tank Id: 36265
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1970
Capacity Gallons: 275

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/03/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	018
Tank Id:	36267
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1970
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/03/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-455806
SWIS Code:	6201
Operator:	NYC DEPT OF SANITATION
Facility Phone:	(212) 265-3754
Facility Addr2:	650 WEST 57TH STREET
Facility Type:	OTHER
Emergency:	BUREAU OF CLEANING &COLLECTION
Emergency Tel:	(212) 788-4054
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NYC DEPT OF SANITATION
Owner Address:	44 BEAVER STREET, 8TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10004
Federal ID:	Not reported
Owner Tel:	(212) 788-4777
Owner Type:	Local Government

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Owner Subtype:	Not reported
Mailing Contact:	MR. SAMPERI F LEG
Mailing Name:	NYC DEPT OF SANITATION
Mailing Address:	44 BEAVER ST.
Mailing Address 2:	8TH FLOOR
Mailing City,St,Zip:	NEW YORK, NY 10034
Mailing Telephone:	(212) 788-4777
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/23/1999
Expiration:	12/06/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	40625
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	008
Tank Location:	ABOVEGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	19701201
Capacity (Gal):	275
Product Stored:	KEROSENE
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	1
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	010

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19701201
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	1
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	012
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19701201
Capacity (Gal):	550
Product Stored:	KEROSENE
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	014
Tank Location:	ABOVEGROUND

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Tank Status:	In Service
Install Date:	19701201
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	016
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19701201
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	018
Tank Location:	ABOVEGROUND
Tank Status:	In Service

MANHATTAN WEST 4, 4A GARAGE (Continued) **U003074863**

Install Date:	19701201
Capacity (Gal):	275
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AY523 **CON EDISION - RV 6025** **RCRA NonGen / NLR** **1007208518**
South **455 WEST 48 ST 455 WEST 48 ST** **NY MANIFEST** **NYP004091716**
1/8-1/4 **NEW YORK, NY 10003**
0.245 mi.
1295 ft. **Site 1 of 4 in cluster AY**

Relative:
Higher

Actual:
42 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/02/2002
Facility name:	CON EDISION - RV 6025
Facility address:	455 WEST 48 ST 455 WEST 48 ST NEW YORK, NY 10003
EPA ID:	NYP004091716
Mailing address:	IRVING PLACE NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	IRVING PLACE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

CON EDISION - RV 6025 (Continued) **1007208518**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/01/2002
Facility name: CON EDISION - RV 6025
Classification: Not a generator, verified

Date form received by agency: 05/31/2002
Facility name: CON EDISION - RV 6025
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP004091716
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE0705222
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 11/05/2001
Trans1 Recv Date: 11/05/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/05/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004091716
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported
TSDF ID: 20856AD
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 01136
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

CON EDISION - RV 6025 (Continued) **1007208518**

Document ID:	NYE0623106
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	11/06/2001
Trans1 Recv Date:	11/06/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/06/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004091716
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	31877AJ
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00530
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

AY524 **8 APT HOUSE** **NY AST** **U003383890**
South **455 W 48 ST** **NY HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10036**
0.245 mi.
1295 ft. **Site 2 of 4 in cluster AY**

Relative:
Higher

Actual:
42 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-068977
Program Type:	PBS
UTM X:	585165.05929
UTM Y:	4512939.0800599996
Expiration Date:	2008/04/09

Affiliation Records:

Site Id:	1436
Affiliation Type:	Facility Owner
Company Name:	MOSHEN S. NAGI
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	455 WEST 48TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 489-7044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	1436

8 APT HOUSE (Continued) **U003383890**

Affiliation Type:	Mail Contact
Company Name:	MOSHEN S. NAGI
Contact Type:	Not reported
Contact Name:	SUPER FACILITY MANAGER
Address1:	455 WEST 48TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 489-7044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	1436
Affiliation Type:	On-Site Operator
Company Name:	8 APT HOUSE
Contact Type:	Not reported
Contact Name:	MOHSEN S. NAGI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 489-7044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	1436
Affiliation Type:	Emergency Contact
Company Name:	MOSHEN S. NAGI
Contact Type:	Not reported
Contact Name:	MOSHEN S. NAGI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 489-7044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	2505
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

8 APT HOUSE (Continued) **U003383890**

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1979
Capacity Gallons:	1400
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-068977
SWIS Code:	6201
Operator:	MOHSEN S. NAGI
Facility Phone:	(212) 489-7044
Facility Addr2:	455 W 48 ST
Facility Type:	APARTMENT BUILDING
Emergency:	MOSHEN S. NAGI
Emergency Tel:	(212) 489-7044
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	MOSHEN S. NAGI
Owner Address:	455 WEST 48TH STREET
Owner City,St,Zip:	NEW YORK, NY 10036
Federal ID:	Not reported
Owner Tel:	(212) 489-7044
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	SUPER FACILITY MANAGER
Mailing Name:	MOSHEN S. NAGI
Mailing Address:	455 WEST 48TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10036
Mailing Telephone:	(212) 489-7044
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False

8 APT HOUSE (Continued) **U003383890**

Certification Date:	04/21/1998
Expiration:	04/09/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1400
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19791201
Capacity (Gal):	1400
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Not reported
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AO525 **EDR US Hist Cleaners** **1015099764**
East **830 9TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.245 mi.
1296 ft. **Site 17 of 20 in cluster AO**

Relative:
Higher

Actual:
67 ft.

EDR Historical Cleaners:

Name:	CAREFUL CLEANERS
Year:	2001
Address:	830 9TH AVE

AU526 **CON EDISON** **NY MANIFEST** **S112817685**
ENE **456 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.245 mi.
1296 ft. **Site 10 of 12 in cluster AU**

Relative:
Higher

Actual:
74 ft.

NY MANIFEST:

EPA ID:	NYP004275939
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

NY MANIFEST:

No Manifest Records Available

AO527 **EDR US Hist Auto Stat** **1015650776**
East **831 9TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.246 mi.
1298 ft. **Site 18 of 20 in cluster AO**

Relative:
Higher

Actual:
68 ft.

EDR Historical Auto Stations:

Name:	CAR TOWING 24 HR
Year:	2003
Address:	831 9TH AVE
Name:	CAR TOWING 24 HR
Year:	2004
Address:	831 9TH AVE
Name:	CAR TOWING 24 HOUR
Year:	2010
Address:	831 9TH AVE
Name:	CAR TOWING TWENTY FOUR HR
Year:	2011
Address:	831 9TH AVE
Name:	CAR TOWING TWENTY FOUR HR
Year:	2012
Address:	831 9TH AVE

AO528 **CONSOLIDATED EDISON** **NY MANIFEST** **1009242242**
East **831 9 AVE V9263** **N/A**
1/8-1/4 **NABHATTAN, NY 10027**
0.246 mi.
1298 ft. **Site 19 of 20 in cluster AO**

Relative:
Higher

Actual:
68 ft.

NY MANIFEST:

EPA ID:	NYP004110490
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

NY MANIFEST:

No Manifest Records Available

AN529 **749 NINTH AVE** **NY AST** **U003385291**
SE **749 9TH AVENUE** **NY HIST AST** **N/A**
1/8-1/4 **NY, NY 10019**
0.246 mi.
1299 ft. **Site 14 of 15 in cluster AN**

Relative:
Higher

Actual:
52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-112461
Program Type:	PBS
UTM X:	585383.37216999999
UTM Y:	4513040.8467300003
Expiration Date:	2017/06/05

Affiliation Records:

Site Id:	3563
Affiliation Type:	Facility Owner
Company Name:	KAMRAN HAKIM
Contact Type:	AGENT
Contact Name:	ELY SAMUELS
Address1:	3 W 57TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 750-8200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/27/2012

Site Id:	3563
Affiliation Type:	Mail Contact
Company Name:	EL-KAM REALTY COMPANY

749 NINTH AVE (Continued) **U003385291**

Contact Type:	Not reported
Contact Name:	ELY SAMUELS
Address1:	3 WEST 57TH ST
Address2:	5TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 750-8200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/27/2012

Site Id:	3563
Affiliation Type:	On-Site Operator
Company Name:	749 NINTH AVE
Contact Type:	Not reported
Contact Name:	ELY SAMUELS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 750-8200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3563
Affiliation Type:	Emergency Contact
Company Name:	KERMAN COMPANY
Contact Type:	Not reported
Contact Name:	ELY SAMUELS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 750-8200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	5517
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

749 NINTH AVE (Continued) **U003385291**

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/02/1989
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 09/27/2012

HIST AST:
PBS Number: 2-112461
SWIS Code: 6201
Operator: ELY SAMUELS
Facility Phone: (212) 750-8200
Facility Addr2: 749 9TH AVENUE
Facility Type: Not reported
Emergency: ELY SAMUELS
Emergency Tel: (212) 750-8200
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: KERMAN COMPANY
Owner Address: 425 EAST 61ST STREET 5TH FLOOR
Owner City,St,Zip: NEW YORK, NY 10021
Federal ID: Not reported
Owner Tel: (212) 750-8200
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: ELY SAMUELS
Mailing Name: KERMAN COMPANY
Mailing Address: 425 EAST 61ST STREET, 5TH FLOOR
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10021
Mailing Telephone: (212) 750-8200
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag: False
Certification Date: 04/21/1998
Expiration: 06/05/2002

749 NINTH AVE (Continued) **U003385291**

Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AN530 **VINCENT DOWNING** **NY AST** **A100173698**
SE **752 9TH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.246 mi.
1300 ft. **Site 15 of 15 in cluster AN**

Relative:
Higher

Actual:
52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-604957
Program Type:	PBS
UTM X:	585395.06617999997
UTM Y:	4513036.9848699998
Expiration Date:	2016/01/05

Affiliation Records:

VINCENT DOWNING (Continued) **A100173698**

Site Id:	26826
Affiliation Type:	Facility Owner
Company Name:	VINCENT DOWNING % AJ CLARKE RE CORP
Contact Type:	AGENT
Contact Name:	STEPHEN DENARDO
Address1:	1881 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 541-4477
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/12/2006

Site Id:	26826
Affiliation Type:	On-Site Operator
Company Name:	VINCENT DOWNING
Contact Type:	Not reported
Contact Name:	SAL MOLINARO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 299-9848
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/23/2005

Site Id:	26826
Affiliation Type:	Emergency Contact
Company Name:	VINCENT DOWNING % AJ CLARKE RE CORP
Contact Type:	Not reported
Contact Name:	SAL MOLINARO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 299-9848
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/12/2006

Site Id:	26826
Affiliation Type:	Mail Contact
Company Name:	AJ CLARKE R.E. CORP.
Contact Type:	Not reported
Contact Name:	STEPHEN DENARDO
Address1:	1881 BROADWAY

VINCENT DOWNING (Continued) **A100173698**

Address2:	4TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 541-4477
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/12/2006

Tank Info:

Tank Number:	001
Tank Id:	59248
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	07/01/1963
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	10/25/2010

AU531 **ADDISON HALL OWNERS CORPORATION** **NY AST** **A100182915**
ENE **457 WEST 57TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.247 mi.
1305 ft. **Site 11 of 12 in cluster AU**

Relative:
Higher

Actual:
74 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-117676
Program Type:	PBS
UTM X:	585510.27041999996
UTM Y:	4513572.8783499999
Expiration Date:	2017/07/20

ADDISON HALL OWNERS CORPORATION (Continued) **A100182915**

Affiliation Records:

Site Id:	4024
Affiliation Type:	Facility Owner
Company Name:	ADDISON HALL OWNERS CORP. % ORSID REALTY CORP.
Contact Type:	PRESIDENT
Contact Name:	DENNI SNAGEL
Address1:	1740 BROADWAY 2ND FL.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 265-8450
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	6/5/2012

Site Id:	4024
Affiliation Type:	Mail Contact
Company Name:	ORSID REALTY CORP.
Contact Type:	Not reported
Contact Name:	JO ANN GRAHAM
Address1:	1740 BROADWAY 2ND FL.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 247-2603
EMail:	JGRAHAM@ORSIDR.COM
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/11/2007

Site Id:	4024
Affiliation Type:	On-Site Operator
Company Name:	ADDISON HALL OWNERS CORPORATION
Contact Type:	Not reported
Contact Name:	DAN MURAIRU
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 265-8450
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	6/5/2012

Site Id:	4024
Affiliation Type:	Emergency Contact
Company Name:	ADDISON HALL OWNERS CORP. % ORSID REALTY CORP.
Contact Type:	Not reported
Contact Name:	DENNIS NAGEL

ADDISON HALL OWNERS CORPORATION (Continued) **A100182915**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 247-2603
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	6/5/2012

Tank Info:

Tank Number:	001
Tank Id:	16783
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
E02 - Piping Secondary Containment - Vault (with Access)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1985
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	06/05/2012

AU532 **CON EDISON** **NY MANIFEST** **S112817720**
ENE **457 W 57TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10023**
0.247 mi.
1305 ft. **Site 12 of 12 in cluster AU**

Relative:
Higher

Actual:
74 ft.

NY MANIFEST:

EPA ID:	NYP004276333
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING

CON EDISON (Continued) **S112817720**

Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-26
Trans1 Recv Date:	2012-10-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004276333
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010456918JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

AT533 **THE NICOLE/55TH & 9TH, LLC.** **NY AST** **A100300846**
East **400 WEST 55TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.249 mi.
1314 ft. **Site 5 of 5 in cluster AT**

Relative:
Higher

Actual:
70 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610504
Program Type:	PBS
UTM X:	585516.68784000003

THE NICOLE/55TH & 9TH, LLC. (Continued) **A100300846**

UTM Y: 4513341.9832600001
Expiration Date: 2018/01/01

Affiliation Records:

Site Id: 377779
Affiliation Type: Facility Owner
Company Name: 55TH & 9TH LLC C/O ROSE ASSOCIATES, INC.
Contact Type: PROPERTY MANAGER
Contact Name: ANDREW DISCHINO
Address1: 200 MADISON AVE, 5TH FL
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 210-6666
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 1/3/2013

Site Id: 377779
Affiliation Type: Mail Contact
Company Name: ROSE ASSOCIATES, INC.
Contact Type: Not reported
Contact Name: COMPLIANCE DEPT.
Address1: 200 MADISON AVE, 5TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 210-6666
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 4/9/2008

Site Id: 377779
Affiliation Type: On-Site Operator
Company Name: THE NICOLE/55TH & 9TH, LLC.
Contact Type: Not reported
Contact Name: ELVIN BAUTISTA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 430-3702
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 1/3/2013

Site Id: 377779
Affiliation Type: Emergency Contact
Company Name: 55TH & 9TH LLC C/O ROSE ASSOCIATES, INC.

THE NICOLE/55TH & 9TH, LLC. (Continued) **A100300846**

Contact Type:	Not reported
Contact Name:	ANDREW DISCHINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 563-4157
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	1/3/2013

Tank Info:

Tank Number:	001
Tank Id:	216149
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F06 - Pipe External Protection - Wrapped
J03 - Dispenser - Gravity

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/2003
Capacity Gallons:	12000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	02/28/2007

AO534 **EDR US Hist Auto Stat** **1015651798**
East **835 9TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10019**
0.249 mi.
1315 ft. **Site 20 of 20 in cluster AO**

Relative:
Higher

Actual:
69 ft.

EDR Historical Auto Stations:

Name:	9 AVENUE TOWING & REPAIR
Year:	2010
Address:	835 9TH AVE
Name:	9 AVENUE TOWING & REPAIR
Year:	2011
Address:	835 9TH AVE
Name:	9 AVENUE TOWING & REPAIR
Year:	2012
Address:	835 9TH AVE

AK535 **BMW** **NY LTANKS** **S102660130**
SSW **547 WEST 47TH ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.254 mi.
1340 ft. **Site 5 of 5 in cluster AK**

Relative:
Higher

Actual:
27 ft.

LTANKS:

Site ID:	87490
Spill Number/Closed Date:	9707785 / 10/1/1997
Spill Date:	10/1/1997
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	10/1/1997
CID:	322
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/1/1997
Spill Record Last Update:	1/26/1998
Spiller Name:	Not reported
Spiller Company:	QUAKER STATE
Spiller Address:	225 EAST JOHN CARPENTER FREEWAY
Spiller City,St,Zip:	WAY IRVING, TX 75062
Spiller County:	001
Spiller Contact:	ROBERT PORTEESE
Spiller Phone:	(212) 586-2269
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	80160
DEC Memo:	Not reported
Remarks:	QUAKER STATE FILLING STORAGE TANK AND SEAM IN TANK BROKE CAUSING

BMW (Continued) **S102660130**

SPILL INSIDE DEALERSHIP - SPILL CONTAINED INSIDE WITHSPEEDI DRY AND BEING CLEANED UP

Material:

Site ID:	87490
Operable Unit ID:	1051036
Operable Unit:	01
Material ID:	329779
Material Code:	0021
Material Name:	Transmission Fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	270
Units:	Gallons
Recovered:	270
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

---

536 **AMERICAN SAVINGS BANK** **NY LTANKS** **S102671448**
SSE **735 9TH AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.260 mi.
1372 ft.

Relative:
Higher

Actual:
51 ft.

LTANKS:

Site ID:	107295
Spill Number/Closed Date:	8907585 / 10/31/1989
Spill Date:	10/31/1989
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	10/31/1989
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	FINGER
Referred To:	Not reported
Reported to Dept:	10/31/1989
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/1/1989
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported

AMERICAN SAVINGS BANK (Continued) **S102671448**

DEC Region: 2
DER Facility ID: 94378
DEC Memo: Not reported
Remarks: DRIVER OVER DELIVERED, 5 GALLONS BACKED OUT OF FUEL PIPE ON SIDEWALK, DRIVER DYKED AREA, OIL CO SENT SPILL TEAM TO CLEAN UP.

Material:
Site ID: 107295
Operable Unit ID: 932533
Operable Unit: 01
Material ID: 444371
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AZ537 **VERIZON** **NY LTANKS** **S107408696**
SW **617-623 WEST 47TH STREET** **NY Spills** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.271 mi.
1433 ft. **Site 1 of 4 in cluster AZ**

Relative:
Lower

Actual:
17 ft.

LTANKS:
Site ID: 351906
Spill Number/Closed Date: 0506652 / 9/20/2006
Spill Date: 8/30/2005
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: rvketani
Referred To: Not reported
Reported to Dept: 8/30/2005
CID: 444
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 8/30/2005
Spill Record Last Update: 11/10/2006
Spiller Name: JEROME KUNG
Spiller Company: CONSTRUCTION SITE
Spiller Address: 607-611 & 617-623 WEST 47
Spiller City,St,Zip: MANHATTEN, NY

VERIZON (Continued) **S107408696**

Spiller County: 001
Spiller Contact: JEROME KUNG
Spiller Phone: (212) 338-6754
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 309155
DEC Memo: Sangesland spoke to rep from Gannet Flemming - no need to send a CSL - They know the process and will submit a report as soon as the work is complete9/9/05-Vought-Spoke to Joel Rogers (Gannett Flemming 516-671-8440) and contaminated soil was removed and endpoint samples were collected. One fuel oil UST and one gasoline UST onsite. Groundwater was present in the bottom of the excavation. Samples were also collected from piping runs and remote fills. One groundwater sample was collected. Active construction going on. Endpoint samples did show TAGM exceedences. Site is DEP E site and vapor barrier will be installed. Groundwater at 12' below grade. Groundwater samples were below TOGS and therefore no passive ventilation system. Site will be excavated down to bedrock over most of site. Minor PAH exceedences attributable to fill material. One soil sample had 63000ppb napthalene. Additional soil excavation required at area of excavation. After excavation for foundation is complete sidewall samples and bottom groundwater samples will be collected. Dewatering will occur for building construction. Groundwater samples show minor PAH and MTBE exceedence. See also spills 0506800, 0507015. Two additional 550-gallon USTs discovered. DEC requires: soil endpoint samples and groundwater samples upon reaching limits of excavation for foundation.10/18/05-Vought-Site visit by Vought on 10/14/05. Onsite was Jessica Ferngrem(Gannett Fleming) and Jerome Kung (Verizon 646-483-6554). Also on site were owners of 607 West 47th Street (Felix Guralnik) See also spill #. Free product coming from under 607 West 47th Street and flowing into groundwater in excavcation of adjacent Verizon site. Site visit to 607 West 47th street showed waste oil tanks in very poor condition and numerous puddles of waste oil on garage floor. DEC required Verizon: 1)collection of one endpoint soil sample from sidwall under 607 West 47th st 2)submission of analyticals of free product sample 3)regular interrmittent sampling of dewatering effluent as remedial method 4)submission of PBS registration. NYCDEP discharge permit obtained by Verizon. Vought called Joel Rogers and left message that he will be faxed a copy of the letter. Vought also faxed copy to Ferngrem and emailed to Kung. 11/28/05-Vought-Received message from Rogers that hydraulic line ruptured. Vought returned call and line broke from construction equipment. Spill on perched water on bedrock and will be cleaned using adsorbent pads and boom. No further action on this minor spill required. 05/05/06-Vought-See also closed spill #0507015 at same location.05/17/06-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin.6/22/06 - Raphael Ketani. I spoke to Ms. Jessica Ferngren ((516) 669-1504)of Gannett Fleming. She said they are almost ready to send DEC the closure report. She said that the wall of the neighboring building was waterproofed. [This spill is downgradient from a garage (605 W. 47 St.) with 2 waste oil tanks and sloppy housekeeping.]7/10/06 - Raphael Ketani. I spoke to Ms. Ferngren. She said the closure report will probably be sent in August. Right now it is being reviewed by the client.8/17/06 - Raphael Ketani. I tried to reach Ms. Ferngren, but could only leave a voice mail.9/6/06 - Raphael Ketani. Ms. Ferngren left me a message requesting my mailing address. I sent her a message back with the

VERIZON (Continued) **S107408696**

correct address.9/15/06 - Raphael Ketani. The following tanks were removed from the site: 3000 gal., 5000 gal., five 550 gal., and a 275 gal. However, there are no PBS records or registrations for the site. I finished reviewing the September 2006 Underground Storage Tank and Spill Closure Report. There were moderate to extremely high concentrations of SVOCs at some of the boring locations. Most of these locations are associated with tanks that have been removed or their piping,though a few are not.9/18/06 - Raphael Ketani. I spoke to Ms. Ferngren about the need to register the tanks and about the very high SVOC concentrations at some of the former tank locations. She said that the soils at the tank locations looked clean, but staff in her office couldn't figure out why the results were so high. She just figures there was urban fill mixed in. I told her that these high sites were at the former locations of the tanks. She said that the soil looked clean and that all of the soil was removed anyway and delivered to a facility that takes very contaminated soil. She said she will send in a PBS registration form. 9/20/06 - Raphael Ketani. Nick Lombardo of the PBS Unit came over to me to discuss the PBS registration for the site. He said that Ms. Ferngren had told him that the site is registered. He showed me a PBS registration for the neighboring property, 610-630 W. 48 Street. He said that Ms. Ferngren told him this was the same property as the new owners had combined both 617-623 and 610-630, and planned to build on both. The registration for 610-630 is #2-344818 and shows all of the tanks listed in the September 2006 Underground Storage Tank and Spill Closure Report as closed and removed, and even lists other tanks not indicated in the report for 617-623. I spoke to Ms. Ferngren and told her DEC would prefer that the form list 617-623 as this is where the majority of the tanks came from. She asked whether both addresses can be listed on the registration form. I spoke to Mr. Lombardo and he said that she should get Verizon to submit a letter to DEC requesting that both addresses be listed. I relayed the message to Ms. Ferngren. She agreed to do this.Based upon the Underground Storage Tank and Spill Closure Report and the PBS registration #2-344818, I am closing the spill case.

Remarks: WHILE EXCAVATING TANK FOUND SOIL CONTAMINATION: TOOK SAMPLPES:

Material:

Site ID:	351906
Operable Unit ID:	1109407
Operable Unit:	01
Material ID:	2099436
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

VERIZON (Continued) **S107408696**

SPILLS:

Facility ID:	0507015
DER Facility ID:	309155
Facility Type:	ER
Site ID:	352334
DEC Region:	2
Spill Date:	9/9/2005
Spill Number/Closed Date:	0507015 / 5/5/2006
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	3101
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	9/9/2005
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/9/2005
Spill Record Last Update:	5/5/2006
Spiller Name:	JEROME KUNG
Spiller Company:	CONSTRUCTION SITE
Spiller Address:	607*-611 AND 617-623 WEST
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	JEROME KUNG
Contact Phone:	(646) 483-6554
DEC Memo:	9/9/05-Vought-Spoke to Joel Rogers (Gannett Flemming 516-671-8440) and contaminated soil was removed and endpoint samples were collected. One fuel oil UST and one gasoline UST onsite. Groundwater was present in the bottom of the excavation. Samples were also collected from piping runs and remote fills. One groundwater sample was collected. Active construction going on. Endpoint samples did show TAGM exceedences. Site is DEP E site and vapor barrier will be installed. Groundwater at 12' below grade. Groundwater samples were below TOGS and therefore no passive ventilation system. Site will be excavated down to bedrock over most of site. Minor PAH exceedences attributable to fill material. One soil sample had 63000ppb napthalene. Additional soil excavation required at area of excavation. After excavation for foundation is complete sidewall samples and bottom groundwater samples will be collected. Dewatering will occur for building construction. Groundwater samples show minor PAH and MTBE exceedence. See also spills 0506800, 0507015. Two additional 550-gallon USTs discovered. DEC requires: soil endpoint samples and groundwater samples upon reaching limits of excavation for foundation10/13/05-Vought-Spoke to Joel Rogers and see also spill #0506652, 0506800, 0507015 and 0508375. All three spill numbers will be addressed in one report. Three spill numbers will be consolidated once bedrock is reached and dewatering begins.10/18/05-Vought-Site visit by Vought on 10/14/05. Onsite was Jessica Ferngrem(Gannett Fleming) and Jerome Kung (Verizon 646-483-6554). Also on site were

VERIZON (Continued) **S107408696**

owners of 607 West 47th Street (Felix Guralnik) See also spill #. Free product coming from under 607 West 47th Street and flowing into groundwater in excavcation of adjacent Verizon site. Site visit to 607 West 47th street showed waste oil tanks in very poor condition and numerous puddles of waste oil on garage floor. DEC required Verizon: 1)collection of one endpoint soil sample from sidewall under 607 West 47th st 2)submission of analyticals of free product sample 3)regular interrmittent sampling of dewatering effluent as remedial method 4)submission of PBS registration. NYCDEP discharge permit obtained by Verizon. Vought called Joel Rogers and left message that he will be faxed a copy of the letter. Vought also faxed copy to Ferngrem and emailed to Kung. 10/21/05-Vought-Received call from Greg Earnst (Gannett Flemming). Vought returned call and left message to return call. Vought spoke to Earnst and west side of 607 West 47th Street had product coming from under building. Vought did not require new spill number due to existing spill number 0508375. Product will be vaccumed out and underpinning will be installed. Paint on membrane will be applied to underpinning and voids will be filled with cement slurry.10/25/05-Vouight-ECO will be performing site visit to 607 West 47th Street on 10/24/05. Vought received call from Joel Rogers. Vought returned call and left message to return call. Vought received second call from Rogers. Vought returned call and spoke with Rogers.11/15/2005-Vought-Spoke with Joel Rogers and he will include tank closure report with above requirements and report will be submitted by 1/15/06. 05/05/06-Vought-This spill closed and referred to open spill #0506652 at same location.

Remarks: DURING EXCAVATION, SOIL CONTAMINATION WAS FOUND, POSSABLY BELEIVEDTO BE GASOLINE, UNKNOWN AT THIS TIME. SAMPLES WERE TAKEN

Material:

Site ID:	352334
Operable Unit ID:	1109838
Operable Unit:	01
Material ID:	2099856
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0506800
DER Facility ID:	309155
Facility Type:	ER
Site ID:	352082
DEC Region:	2
Spill Date:	9/2/2005
Spill Number/Closed Date:	0506800 / 6/23/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

VERIZON (Continued) **S107408696**

SWIS:	3101
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	9/2/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/2/2005
Spill Record Last Update:	6/23/2006
Spiller Name:	JEROME KUNG
Spiller Company:	607-611 617-623
Spiller Address:	WEST 47TH STREET
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	JEROME KUNG
Contact Phone:	(212) 338-6754
DEC Memo:	9/9/05-Vought-Spoke to Joel Rogers (Gannett Flemming 516-671-8440) and contaminated soil was removed and endpoint samples were collected. One fuel oil UST and one gasoline UST onsite. Groundwater was present in the bottom of the excavation. Samples were also collected from piping runs and remote fills. One groundwater sample was collected. Active construction going on. Endpoint samples did show TAGM exceedences. Site is DEP E site and vapor barrier will be installed. Groundwater at 12' below grade. Groundwater samples were below TOGS and therefore no passive ventilation system. Site will be excavated down to bedrock over most of site. Minor PAH exceedences attributable to fill material. One soil sample had 63000ppb napthalene. Additional soil excavation required at area of excavation. After excavation for foundation is complete sidewall samples and bottom groundwater samples will be collected. Dewatering will occur for building construction. Groundwater samples show minor PAH and MTBE exceedence. See also spills 0506800, 0507015, 0506652. Two additional 550-gallon USTs discovered. DEC requires: soil endpoint samples and groundwater samples upon reaching limits of excavation for foundation10/18/05-Vought-Site visit by Vought on 10/14/05. Onsite was Jessica Ferngrem(Gannett Fleming) and Jerome Kung (Verizon 646-483-6554). Also on site were owners of 607 West 47th Street (Felix Guralnik) See also spill #. Free product coming from under 607 West 47th Street and flowing into groundwater in excavcation of adjacent Verizon site. Site visit to 607 West 47th street showed waste oil tanks in very poor condition and numerous puddles of waste oil on garage floor. DEC required Verizon: 1)collection of one endpoint soil sample from sidwall under 607 West 47th st 2)submission of analyticals of free product sample 3)regular interrmittent sampling of dewatering effluent as remedial method 4)submission of PBS registration. NYCDEP discharge permit obtained by Verizon. Vought called Joel Rogers and left message that he will be faxed a copy of the letter. Vought also faxed copy to Ferngrem and emailed to Kung. 3/21/06- DEC Piper spoke w/ Joel Rogers.. As per conversation, pbs records in order, he will be collecting endpoint/

VERIZON (Continued) **S107408696**

sidewall samples soon. Report to DEC in approx 2 mos.3/26/06- DEC Piper, same spill site as 0506652. Hydraulic oil cleaned up. Petroleum contamiantion related to sp 0506652. This spill closed.

Remarks: AN OLD HYDRALIC PISTON LEAKED: ALL CLEANED UP;

Material:

Site ID:	352082
Operable Unit ID:	1109596
Operable Unit:	01
Material ID:	2099605
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	2
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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538 **SALIAN CORP** **NY LTANKS** **S102660097**
East **400 WEST 56TH ST** **NY Spills** **N/A**
1/4-1/2 **MANHATTAN, NY 10019**
0.272 mi.
1437 ft.

Relative:
Higher

Actual:
77 ft.

LTANKS:

Site ID:	299454
Spill Number/Closed Date:	9511654 / 12/15/1995
Spill Date:	12/14/1995
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	12/15/1995
CID:	281
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/15/1995
Spill Record Last Update:	1/28/1998
Spiller Name:	UNKNOWN
Spiller Company:	A.J.CLARKE
Spiller Address:	UNKNOWN
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	LOUIE (BLDG.SUPER)

SALIAN CORP (Continued) **S102660097**

Spiller Phone:	(212) 333-3175
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	242256
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"AFTER CONSIDERING THE FACT THAT THE SPILL OCCURRED SO LONG AGO, AND THE REMARKS INDICATE NO LONG-TERM FOLLOW-UP IS NEEDED. THIS SPILL IS DECEASED. EXDOXY PATCH LEOT LOOSE. COMPLETED 3:00PM. CLEANED BY OIL CO. FOR RP.
Remarks:	TANK RUPTURE IN BASEMENT OF APARTMENT BUILDING.(5,000 GAL.TANKCAPACITY). A.L.EASTMAN CO.HAS BEEN CONTACTED FOR CLEAN UP ANDARE ENROUTE @ TIME OF CALL.

Material:

Site ID:	299454
Operable Unit ID:	1025872
Operable Unit:	01
Material ID:	358985
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	1203867
DER Facility ID:	421043
Facility Type:	ER
Site ID:	466714
DEC Region:	2
Spill Date:	7/19/2012
Spill Number/Closed Date:	1203867 / 3/19/2013
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	7/19/2012
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

SALIAN CORP (Continued) **S102660097**

Date Entered In Computer:	7/19/2012
Spill Record Last Update:	3/19/2013
Spiller Name:	AJ CLARK REALTY - DAVID STIVIC
Spiller Company:	SALIAN CORP
Spiller Address:	400 WEST 56TH ST
Spiller City,St,Zip:	MANHATTAN, NY 10019
Spiller Company:	999
Contact Name:	AJ CLARK REALTY - DAVID STIVIC
Contact Phone:	(212) 541-5522
DEC Memo:	There is a total of (3) drums of contaminated soil/debris taken from the affected area. The pit has clean water in it with no evidence of oil. Based on work to date, this spill is closed.
Remarks:	Leaked from tank onto concrete and into sump. Cleanup is oending owner's action.

Material:

Site ID:	466714
Operable Unit ID:	1216697
Operable Unit:	01
Material ID:	2214912
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AZ539 **639 11TH AVE./MAHATTAN** **NY LTANKS** **S100167441**
SW **639 11TH AVE.** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.275 mi.
1454 ft. **Site 2 of 4 in cluster AZ**

Relative:
Lower

Actual:
18 ft.

LTANKS:

Site ID:	116097
Spill Number/Closed Date:	8706049 / 7/31/1997
Spill Date:	10/16/1987
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	10/19/1987
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False

639 11TH AVE./MAHATTAN (Continued) **S100167441**

UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/19/1987
Spill Record Last Update:	8/6/1997
Spiller Name:	Not reported
Spiller Company:	MR. GUTMAN
Spiller Address:	639 11TH AVE.
Spiller City,St,Zip:	N.Y., NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	101059
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"09/27/95: WAS A BATTISTA SPILL MULQUEEN TOOK OVER IN REF. TO SPILL # 9504912. TRIED TO CONTACT OWNER NUMEROUS TIMES, NO REPLY. AFTER CONSIDERING THE FACT THAT THE SPILL HAS OCCURRED A LONG TIME AGO, AND THE SPILL REMARKS INDICATE NO LONG-TERM FOLLOW-UP IS NEEDED. THIS SPILL HAS BEEN CLOSED.
Remarks:	NYCFD WAS AT SIGHT FOR TEST, MR. GUTMAN TO ARRANGE TO UNCOVER AND REPAIR LEAK.

Material:

Site ID:	116097
Operable Unit ID:	909883
Operable Unit:	01
Material ID:	465071
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	116097
Spill Tank Test:	1531952
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

AY540 **TERRIFIC TENEMENTS** **NY LTANKS** **U001837807**
SSE **425 WEST 48TH STREET** **NY UST** **N/A**
1/4-1/2 **NEW YORK, NY 10036** **NY HIST UST**
0.276 mi.
1457 ft. **Site 3 of 4 in cluster AY**

Relative:
Higher

Actual:
47 ft.

LTANKS:

Site ID:	175024
Spill Number/Closed Date:	0102069 / 4/13/2002
Spill Date:	5/21/2001
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	5/23/2001
CID:	396
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/23/2001
Spill Record Last Update:	4/13/2002
Spiller Name:	SAME
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	PETER HOYLE
Spiller Phone:	(212) 521-6404
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	147154
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"3/21/2002 Sangesland received a message from Curt Schmidt (from ATC) (212-353-8280 ext 326). He said he sent in a report in July 2001 and would like closure on the site. Sangesland asked him to resubmit the report, which he will now do.Mr. Schmidt said he believes the tank failed a tank test, ATC did some borings around the tank in the courtyard which came back below STARS. The remote fill was replaced and the tank then passed the tank test. No contaminated soil was found.If the report submitted backs up the summary above, the spill number will be closed out.4/13/2002 Sangesland received another copy of this report. Cover letter from Curt Schmidt (ATC) dated 4/3/2002 states that the tank in question (4,000 gal - #2 oil) has been re-lined; The manway has been rebuild and the UST has passed a pressure test on Aug 10, 2001.UST Tank location is in the courtyard at the rear of the apartment building at 425 West 48th St. In June 2001, ATC advanced 5 borings to a level "just below" the bottom of the tank. 4 on each side of the tank and 1 in the presumed downgradient direction. ATC says "no physical or olfactory evidence of fuel oil was detected..... no groudwater was encountered". Samples were tested for VOC's and SVOC's (Methods 8021 & 8270). Trace levels

TERRIFIC TENEMENTS (Continued) **U001837807**

of VOC's were found, but none exceeded the TAGM 4046 Levels. Based on the sampling data presented by ATC and the documentation of the tank being rebuilt and retested, the DEC will close this spill number out.4/13/2002 - Spill Closed.

Remarks: tank is out of sevice. other # for caller 917-868-6174 cell

Material:

Site ID:	175024
Operable Unit ID:	840889
Operable Unit:	01
Material ID:	537761
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	175024
Spill Tank Test:	1526323
Tank Number:	1
Tank Size:	4000
Test Method:	99
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Alternate Test per 613.5a2v

UST:

Id/Status:	2-404667 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585235.05339000002
UTM Y:	4512901.3614600003

Affiliation Records:

Site Id:	19475
Affiliation Type:	Facility Owner
Company Name:	CLINTON CRS HOUSING
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	423 WEST 55TH ST. 9TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 319-1200

TERRIFIC TENEMENTS (Continued) **U001837807**

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 6/7/2011

Site Id: 19475
Affiliation Type: Mail Contact
Company Name: RELATED MANAGEMENT
Contact Type: Not reported
Contact Name: JONATHAN BENEZRY
Address1: 423 WEST 55TH STREET
Address2: 9TH FLOOR
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 506-5897
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 6/7/2011

Site Id: 19475
Affiliation Type: Emergency Contact
Company Name: CLINTON CRS HOUSING
Contact Type: Not reported
Contact Name: ETHEL MCCULLOUGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 695-2914
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 6/7/2011

Site Id: 19475
Affiliation Type: On-Site Operator
Company Name: TERRIFIC TENEMENTS
Contact Type: Not reported
Contact Name: BENNY RAMOS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 693-8449
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 6/7/2011

TERRIFIC TENEMENTS (Continued) **U001837807**

Tank Info:

Tank Number:	01
Tank ID:	23004
Tank Status:	Closed - In Place
Capacity Gallons:	4000
Install Date:	06/01/1982
Date Tank Closed:	03/24/2011
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	03/24/2010
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	06/07/2011

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

HIST UST:

PBS Number:	2-404667
SPDES Number:	Not reported
Emergency Contact:	SEVERO NIEVES
Emergency Telephone:	(212) 245-0112
Operator:	SEVERO NIEVES
Operator Telephone:	(212) 245-0112
Owner Name:	CLINTON CRS HOUSING
Owner Address:	203 E 86TH ST. C/O RELATED MGMT.
Owner City,St,Zip:	NEW YORK, NY 10028
Owner Telephone:	(212) 319-1200
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	RELATED MANAGEMENT CO, L.P.
Mailing Address:	Not reported
Mailing Address 2:	425 WEST 48TH STREET
Mailing City,St,Zip:	NY,, NY 10036
Mailing Contact:	MR. HECTOR PINERO
Mailing Telephone:	(212) 245-0112
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist

TERRIFIC TENEMENTS (Continued) **U001837807**

	or not at the facility.
Facility Addr2:	425 WEST 48TH STREET
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	09/28/2001
Expiration Date:	10/15/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	1
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19820601
Capacity (gals):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	Suction
Date Tested:	08/10/2001
Next Test Date:	08/10/2006
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

AZ541 **605 WEST 47TH STREET** **NY LTANKS** **S106471516**
SW **605 WEST 47TH STREET** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.276 mi.
1457 ft. **Site 3 of 4 in cluster AZ**

Relative:
Lower

Actual:
16 ft.

LTANKS:

Site ID:	132269
Spill Number/Closed Date:	0400961 / 11/17/2004
Spill Date:	4/28/2004
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	4/28/2004
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/28/2004
Spill Record Last Update:	11/17/2004
Spiller Name:	MARK LEVINE
Spiller Company:	Not reported
Spiller Address:	605 WEST 47TH STREET
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	MARK LEVINE
Spiller Phone:	(212) 925-1950
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	113904
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"Contaminated soil letter sent to:Raber Enterprises LLCAttn: Marc Levine175 Canal St.New York,NY 10013Mr. Levine says a phase II investigation was done as part of a property sale. The new owner has hired Langan Engineering to remove the tank and any contaminated soil.Contact at Lang an Engineering is: Tarek Khouri 212-479-54005/6/2004 Sangesland spoke to Mr. Khouri from Langen Engineering. He confirmed that the area will be excavated and the tank removed. They will take photographs of the hole and will take endpoint samples to be tested for VOC's & Sock's. A final report will be prepared and forwarded to Jake Krimgold.5/11/04. J.Krimgold @ site. Contractor unable to remove the tank due to a structural constraints. Will excavate contaminated soil around tank and close tank in-place. Agreed that at least three post-excavation samples will be taken.J.Krimgold observed excavation and found two more UST partially filled with gasoline and water. Preliminary observation suggests that the size of tanks 1080 and 550 gal. The current owner has no knowledge of these tanks. Also no records was found in PBS DB. J.Krimgold requested immediately register all tanks at this site with PBS unit before continuation of tank closure.11/17/04. J.Krimgold has

605 WEST 47TH STREET (Continued) **S106471516**

reviewed the report dated June 28, 2004 submitted to the Department by Langan Engineering regarding the above mentioned site. Based on the information provided, the petroleum release which was on this site has been satisfactorily cleaned up and all USTs has been closed in place or removed. PBS application was filed. Therefore, no further investigation or response will be required concerning the petroleum contamination at these specific sites at this time. NFA letter.

Remarks: WILL BE REMOVING TANK AND SOIL:

Material:

Site ID:	132269
Operable Unit ID:	885138
Operable Unit:	01
Material ID:	492193
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AZ542 **NY LTANKS** **S105996204**
SW **612-614 WEST 47TH ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.277 mi.
1460 ft. **Site 4 of 4 in cluster AZ**

Relative:
Lower

Actual:
16 ft.

LTANKS:

Site ID:	98434
Spill Number/Closed Date:	0203467 / 3/7/2003
Spill Date:	7/2/2002
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	WYNE
Referred To:	Not reported
Reported to Dept:	7/2/2002
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/2/2002
Spill Record Last Update:	3/7/2003
Spiller Name:	Not reported

(Continued) **S105996204**

Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller County:	001
Spiller Contact:	CARMELLA KORTLANG
Spiller Phone:	(631) 419-0913
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	87589
DEC Memo:	Not reported
Remarks:	caller did environmental assessment of property and soil samples showed contamination

Material:

Site ID:	98434
Operable Unit ID:	854299
Operable Unit:	01
Material ID:	521299
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

543
WNW
1/4-1/2
0.282 mi.
1490 ft.

PIER #192 **NY LTANKS** **S106703435**
PORT AUTHORITY PIER #192 **N/A**
NEW YORK, NY

Relative:
Lower

Actual:
1 ft.

LTANKS:

Site ID:	218311
Spill Number/Closed Date:	9001811 / 8/10/2011
Spill Date:	5/16/1990
Spill Cause:	Tank Test Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	5/16/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False

PIER #192 (Continued) **S106703435**

Remediation Phase:	0
Date Entered In Computer:	5/17/1990
Spill Record Last Update:	8/10/2011
Spiller Name:	Not reported
Spiller Company:	PORT AUTHORITY 0F NY & NJ
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	180615
DEC Memo:	6/7/07-Matthew Klaas-Called the NYNJ Port Authority at the listed number 212-246-5451. This is no longer their number. However, was able to find a current number of 212-435-7000, after explaining the situation, I was connected to their pier division at 212-246-5450 and was told they could not help me in this matter.-Attempted to dial contact Mike Prund of Chemical Waste Mgt., the listed contact number is no longer in service, and was unable to obtain a new contact number for him.6/11/07-Matthew Klaas (Albany DER)-Drafted a letter to the NY/NJ port authority requesting information about 2 spill files that remain open.7/12/07 - Matthew Klaas (Albany DER)-Recieved a telephone call from Bernice Malione from the Port Authority regarding two spills mentioned in the letter I wrote on 6/11. She was just touching base to let me know she was working on getting the necessary information and would get back to me. She said she could be contacted any time in the future for assistance at 212-435-4454.3/31/09 - Austin - Transferred from Needs Reassignment to Rahman for further work to remeidate and close - end04/24/09 Called Ms. Bernice Malione's Office @(212)435-4454 to discuss the two open spill cases.Left messege to her secretary.(sr) 01/15/10 Spoke with Ms Malione today.Current status of the tank will be sent to DEC.Previous records lost on 9/11.(sr)06/15/10 Spoke with Ms. Bernice. Spill has been open for almost 20 years.She indicated that after such longtime she could not find any info on the spill.Again,address could be wrong.(sr)
Remarks:	2K TANK FAILED HORNER EZY CHECK WITH A LEAK RATE OF .1151GPH, WILL PUMP OUT TANK.

Material:

Site ID:	218311
Operable Unit ID:	940066
Operable Unit:	01
Material ID:	436594
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

PIER #192 (Continued) **S106703435**

Site ID:	218311
Spill Tank Test:	1537081
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

AY544 **RESIDENCE** **NY LTANKS** **S105996937**
South **454 WEST 47TH ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.288 mi.
1520 ft. **Site 4 of 4 in cluster AY**

Relative:
Higher

Actual:
40 ft.

LTANKS:

Site ID:	317589
Spill Number/Closed Date:	0206941 / 11/29/2002
Spill Date:	10/4/2002
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	10/4/2002
CID:	398
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/4/2002
Spill Record Last Update:	11/29/2002
Spiller Name:	Not reported
Spiller Company:	RESIDENCE
Spiller Address:	SAME
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	DAVID FAZIN
Spiller Phone:	(516) 939-2959
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	255984
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"10/7/2002 - Sangesland sent out Tank Test Failure form letter to Ms. Suet Chauc/o Leeds Associates215 West 83rd StNew York, NY 10024PBS # 2-14786911/29/2002 Sangesland received a letter from Frank Segal of Leeds Associates (212-874-6400). Letter states that the tank was "pumped out, squeegee cleaned & welded" The tank was then retested on Oct 29, 2002 and passed. (Copies of test report

RESIDENCE (Continued) **S105996937**

attached).Spill Closed
Remarks: small patch over leak with eboxy. no call back needed. unk contact info at residence.

Material:
Site ID: 317589
Operable Unit ID: 859607
Operable Unit: 01
Material ID: 517531
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 317589
Spill Tank Test: 1527537
Tank Number: 001
Tank Size: 3000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

545
NNE
1/4-1/2
0.290 mi.
1529 ft.

CON EDISON - WEST 58TH ST. STATION MGP **EDR MGP** **1008407996**
11TH AVE. BETWEEN W. 58TH - W. 59TH STS. **N/A**
NEW YORK, NY 10019

Relative: Lower

Actual: 19 ft.

Manufactured Gas Plants:
No additional information available

546
ENE
1/4-1/2
0.296 mi.
1562 ft.

408 WEST 57TH ST **NY LTANKS** **S106703772**
408 WEST 57TH ST **N/A**
NEW YORK, NY

Relative: Higher

Actual: 81 ft.

LTANKS:
Site ID: 185248
Spill Number/Closed Date: 9515593 / 6/13/2005
Spill Date: 3/5/1996
Spill Cause: Tank Failure
Spill Source: Private Dwelling

408 WEST 57TH ST (Continued) **S106703772**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	GWHEITZM
Referred To:	Not reported
Reported to Dept:	3/5/1996
CID:	312
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/5/1996
Spill Record Last Update:	6/13/2005
Spiller Name:	MARLBORO REALTY
Spiller Company:	Not reported
Spiller Address:	408 WEST 57TH ST
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	MARLBORO REALTY
Spiller Phone:	(212) 757-5220
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	154930
DEC Memo:	06/13/05 Heitzman: See PBS 2-606198. Failing tank was replaced with 10,000 gallon above ground tank on 5/1/96. No reported release.
Remarks:	Tank ruptured - tank is partially buried in ground - unk qty spilled - contact person for marlboro realty is steve golden

Material:

Site ID:	185248
Operable Unit ID:	1030244
Operable Unit:	01
Material ID:	355716
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BA547 **COACH USA/AMTRAK TUNNEL** **NY LTANKS** **S105997011**
SSW **520 WEST 46TH STREET** **NY Spills** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.303 mi.
1598 ft. **Site 1 of 2 in cluster BA**

Relative:
Higher

Actual:
26 ft.

LTANKS:

Site ID:	101047
Spill Number/Closed Date:	0207335 / 9/18/2006
Spill Date:	10/15/2002
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	aaobliga
Referred To:	Not reported
Reported to Dept:	10/15/2002
CID:	196
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/15/2002
Spill Record Last Update:	9/18/2006
Spiller Name:	RICH VIHONSKI
Spiller Company:	GRAYLINE COACH LINE USA
Spiller Address:	524 WEST 46TH STREET
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	MATTHEW MATCHETTE
Spiller Phone:	(800) 646-3161
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	100428
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"10/16/02 SA/OD TTF LETTER SENT.FILE TRANSFERRED FROM VOUGHT TO OBLIGADO1/19/06- Obligado - File review. From spill report, apparently a tank test failure for diesel tank, soil affected. From PBS, number is 2-602720. There are 2 underground storage tanks at the site. The site was inspected on 11/4/04 by DEC Rossan. A NOV letter was subsequently sent. Among violations for USTs was a failure to test tanks and unreconciled inventory records. Check tank tightness records and there is no file for this site. Call number on PBS report, spoke to the President, George Greeve at (201)529-3666 (ext 1306), said they spend $600,000 to fix the problem and to call Rich Vihonski at (201) 225-7557 who can give all neeeded information. Called Nich and left message. 2/1/06 - Obligado - received email from Austin. Apparently this site has already been referred to legal for enforcement by Tipple. The text of email read as follows:231032 Coach USA Bus Garage (Tipple)no reference spill # 520 West 46th Street, ManhattanRI end 01/31/06status Notes: RP has failed to perform the required investigation & remediaiton. Repeated attempts to obtain required documentation have been unsuccessful. Case has been referred to DEC legal for enforcement.9/18/06 - Obligado - Close and

COACH USA/AMTRAK TUNNEL (Continued) **S105997011**

consolidate with open spill number 0206549.
Remarks: tank failed test - retry at later date.

Material:
Site ID: 101047
Operable Unit ID: 860156
Operable Unit: 01
Material ID: 517931
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 101047
Spill Tank Test: 1527576
Tank Number: Not reported
Tank Size: 4000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

SPILLS:
Facility ID: 0206549
DER Facility ID: 100428
Facility Type: ER
Site ID: 152495
DEC Region: 2
Spill Date: 9/24/2002
Spill Number/Closed Date: 0206549 / 6/29/2009
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: AAOBLIGA
Referred To: NFA, 6/29/09
Reported to Dept: 9/24/2002
CID: 205
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0

COACH USA/AMTRAK TUNNEL (Continued) **S105997011**

Date Entered In Computer:	9/24/2002
Spill Record Last Update:	6/29/2009
Spiller Name:	RICHARD VIHONSKI
Spiller Company:	COACH USA
Spiller Address:	160 S. ROUTE 17 NORTH
Spiller City,St,Zip:	PARAMUS, NJ 07652
Spiller Company:	999
Contact Name:	CALLER
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"SEE ALSO SPILL # 03300699/24/02 TJDDiesel fuel leaking from tunnel wall from an unknown source. Location of leak is western tunnel wall beneath 45th street between 10th and 11th Ave. Demeo has site meeting 9/25 to investigate spotential source.9/26/02 TJDDemeo inspected site with Patrick Teeter (Amtrack). Inspection consisted of accessing tracks at 38th Street and walking along track to impacted area north of 45th street. Track Bed is approximately 25 feet below street level. Oil was observed dripping slowly from bedrock fractures along west wall. Oil suspected to be either diesel or #2 Oil is running down from rock fracture along rock face and accumulating both on ground surface and in debris lying along the track bed. The petroleum is also impacting a catch basin adjacent to track with an unknown discharge point.Two buildings along 45th Street were inspected as potential sources. The first a bus Company (PBS 2-602720) has (2) Diesel UST's. The second an apartment building (PBS 2-605827) has (1)#2 Oil UST. No obvious sign of a problem at either location and no other obvious sources in immediate vicinity of spill. Both above facilites sent letters requiring owners to test tanks. Awaiting results. 5/8/03 TJDBus Garage passed tank test. Apt. Bldg failed test. See also spill 0206999.4/15/04 TJDInvestigation of the apartment building UST revealed they were not the source of the petroleum disharge which is impacting the Amtrak ROW. Upon completion of the investigation of 525 West 45th Street, DEC again contacted the Bus Garage (Coach USA) to inform their management additional investigation of their property was necessary. Coach USA was given the option of performing the necessary investigation with their contractor of choice or allowing a state contractor access to the property to conduct an investigation on DEC's behalf. Coach USA decided to perform the investigation themselves.Coach USA retained the services of Bristol Contracting to perform the required investigation. The initial investigation by Bristol revealed a loose pipe fitting at the bottom of the remote fill spill bucket. The two UST's at the bus garage were filled via a single remote fill. The remote fill was directly connected to the 2000 gal UST, a crossover line was connected to the 4000 gal UST. This design created significant backpressure during deliveries. Excavation in the vicinity of the remote fill revealed a large volume of contaminated soils. The contaminated soils extended to the south & east beneath the driveway area. Upon excavation of approximately 50 cubic yards of contaminated soils down to bedrock, several fractures were identified as suspected pathways for the product to migrate to the railway cut where diesel fuel was leaching out of the rockface and accumulating along the Amtrak Right Of Way. The connection between the bedrock fractures and the impact area was confirmed by several dye tests. Upon confirmation of the hydraulic connection, Coach USA was informed that the Department rrequires them to remediate all petroleum contamination both on their property and off-site on the Amtrak

COACH USA/AMTRAK TUNNEL (Continued) **S105997011**

property. A field meeting with all involved parties was held on April 1, 2004.A new spill (0330069) was reported following discovery of the contaminated soils beneath the remote fill on 2/23/04.A letter of responsibility, Stipulation Agreement and a corrective action plan was mailed to Coach USA on 4/15/04. 2/23/05 - Austin - Project reassigned from DeMeo to Tipple8/23/05 - Raphael Ketani. Case transferred to Jeff Vought.9/19/06 - Obligado - Site site was left off the original list of sites to be transferred to Obligado from Vought. Transfer from Vought to Obligado. Was previously researching case under a different spill number 0207355. Closed that spill number and consolidated with this open spill number 0206549. 04/30/07-Vought-After review of notes above including fact that Coach USA was the source as owner of remote fill that was the source of the spill, Coach entered a Stipulation Agreement under spill #0330069 this PIN closed and case referred back to DEC Obligado who reopened spill #0330069. DEC Vought, DEC Obligado, DEC Piper and DEC Urda had meeting and DEC Urda will not close case referral originally submitted by DEC Demeo until follow up is received from Obligado. Spill closed by Vought. 10/01/07-Vought-Recevied notice from AGs office that Coach payed NYS amount of 2999.86 for cost of cleanup. Costs were possibly low as per DEC Austin. Vought called DEC Demeo as per Austin to confer that only 2999.86 was incurred by state.11/27/07 - Obligado - After review of the file, this spill should be reopened because Coach USA has not provided documentation that remediation of the Amtrack right of way has been performed as per September 23, 2004 letter from Tim Demeo to Richard Vihonski. This spill number is also listed on the Stipulation Agreement, which Coach signed and agreed to remediate both spill numbers 0206549 and 0330069. This spill number is reopened.I called Richard Vihonski (201)225-7557 to get an update on Demeo's requirements. Left message to call back the DEC.11/30/07 - Obligado - Called Mr. Vihonski again. Left a message.12/12/07 - Obligado - Have not heard from Mr. Vihonski. Called again and left a message to call back DEC. As Mr. Vihonski has not been returning my calls I trided calling the Coach President - George Greeve 201)529-3666 (ext 1306). I left a message to call back the DEC.George Greeves called me back shortly after. I discussed with him the 2 spill numbers and the September 23, 2004 letter from DEC DeMeo. He asked me to fax the letter to him and he would contact the appropriate person. I faxed him the letter.2/27/08 - Obligado - Received a voice mail from Mr. Greeves. He was following up on our previous conversation. He inquired if Mr. Vilhonski had taken care of our requirements3/3/08 - Obligado - Called back Mr. Greeve. I left message saying the DEC requirements have not been met.3/26/08 - Obligado - Had meeting with Richard Vilhonski (Coach USA), Jinesh Sheth (Bristol Contracting), and Dennis Occonner (Bristol Contracting). According to Richard, a package was submitted to the DEC in response to the September 23, 2004 letter. This was submitted to Michelle Tipple after Tim DeMeo left. They said the package addressed most of these comments in the letter and they will resubmit it to me within 4 weeks. 8/19/08 - Obligado - Email from Jinesh. They will submit the report via cd.10/22/08 - Obligado - AFter review of report emailed Jinesh with following comments: "Please submit a revised and scaled Figure 2 Site Map that shows all of the following: - Entire layout of property between West 45th and 46th St, including adjacent Amtrak property. - Location of existing USTs, dispensers, lines, and fills ports.- Location of former abandoned/removed USTs- Boring/Monitoring Well locations- location/extent of surface spill on

COACH USA/AMTRAK TUNNEL (Continued) **S105997011**

Amtrak property- Any other pertinent informationPlease also revise Figure 3 and Figure 4 so that the initial/final extents of excavation and soil sampling locations are overlaid on the new site map.Thank you. Please revise the figures and resubmit them to me as pdf files via email within 30 days. Please call me if you wish to discuss this matter."3/26/09 - Obligado - Still have not received revised maps. Sent email to Jinesh requiring maps within 15 days or case would be referred to legal for enforcement.6/10/09 - Obligado - Reviewed revised Maps submitted by Jinesh on 4/20/09. The maps address the above comments. After review of all documentation I called Jinesh for some follow up questions. 1) Where does the drain pipe on the amtrak property go? According to Dennis Occonor who was also on the call, those pipes were damaged and not functional. 2) Did they broom sweep and inspect the bedrock on the amtrak property for fractures or possible conduits, as they had done on the Coach USA property. They said they did and they did not find any fractures or conduits through which the product could have traveled. The bedrock was previously blasted out in order to build the tunnel and it acted as a basin to trap the product. 3) Are there walls or foundations north and west of the remote fill that would have prevented migration in those directions. According to Jinesh, yest there were building foundations to the west and north down to bedrock that prevented the movement of product in those directions. They also opened up the tank area to inspect and retrofit tanks and lines. They did not see any signs of leakage and they found no evidence of contamination. 4) Finally, I asked Jinesh to provide a photograph of the amtrak outcrop to show there is no more leakage. 6/29/09 - Obligado - Received photodocumentation of clean outcrop. AFter discussion with DEC Tibbe, sent No Further Action letter to Coach USA, cc to Jinesh.

Remarks: oil on callers property from unk source.

Material:

Site ID:	152495
Operable Unit ID:	858159
Operable Unit:	01
Material ID:	517151
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0330069
DER Facility ID:	100428
Facility Type:	ER
Site ID:	115245
DEC Region:	2
Spill Date:	2/23/2004
Spill Number/Closed Date:	0330069 / 6/10/2008
Spill Cause:	Equipment Failure

COACH USA/AMTRAK TUNNEL (Continued) **S105997011**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	AAOBLIGA
Referred To:	Not reported
Reported to Dept:	3/8/2004
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Non Major Facility > 1,100 gal
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/8/2004
Spill Record Last Update:	6/10/2008
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NN
Spiller Company:	999
Contact Name:	RICHARD VIHONSKI
Contact Phone:	(201) 225-7557
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"4/15/04 TJDSee also spill #02065494/28/04 TJDReceived call from Rich Vihanski @ Coach USA requesting an extension regarding the signing of the Stipulation Agreement and Corrective Action plan dated April 15, 2004. An extension was granted until May 14, 2004 to respond.2/23/05 - Austin - transferred from DeMeo to Tipple3/25/05 - Austin - transferred from Tipple to Vought4/24/06- Transferrred to DEC Piper. Piper left message w/ Rich requesting call back and info.There is another spill at address related to this event. See spill 0206549. This spill closed.11/26/07 - Obligado - After review of the file, this spill should be reopened because Coach USA has not fulfilled all the requirements the September 23, 2004 letter from Tim Demeo regarding the Stipulation Agreement, in which Coach USA agreed to investigate and remediate spill #s0330069 and 0206459. This spill number is reopened. Notes for this spill will be entered under spill remarks for 0206459, as this is where Tim Demeo entered most of his remarks. 6/10/08 - Obligado - This spill is closed and consolidated with 0206549 as per Vadim's consolidation initiative.
Remarks:	Contaminated soil discovered. Source is from a leaking loose fitting on buried spill bucket (remote fill). Location is being investigated as source of discharge regarding DEC Spill #0206549.

Material:

Site ID:	115245
Operable Unit ID:	880636
Operable Unit:	01
Material ID:	496575
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons

COACH USA/AMTRAK TUNNEL (Continued) **S105997011**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

548
SE
1/4-1/2
0.304 mi.
1606 ft.

Relative:
Higher

Actual:
57 ft.

360 WEST 51ST STREET **NY LTANKS** **S104620794**
360 WEST 51ST STREET **N/A**
MANHATTAN, NY

LTANKS:

Site ID:	148731
Spill Number/Closed Date:	9911885 / 11/16/2005
Spill Date:	1/13/2000
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	iabeilby
Referred To:	Not reported
Reported to Dept:	1/13/2000
CID:	266
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/13/2000
Spill Record Last Update:	11/16/2005
Spiller Name:	Not reported
Spiller Company:	EMPIRE STATE OIL
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	JUDY SHOTWELL
Spiller Phone:	(212) 397-5944
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	126554
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"11/16/05 - Ian Beilby: Fax was received from former property owner with affadavit that <0.5 gal of #2 fuel oil had been spilled and cleaned up at that site on 1/13/00. NFA Letter sent 11/16/05.
Remarks:	SPILLER OVERFILLED TANK, SPILLING OIL ONTO OUTSIDE OF RESIDENCE. NOTIFIER DIDN'T NOTICE THIS UNTIL AFTER OIL DELIVERY TRUCK LEFT. SPILLER HAS DONE THIS NUMEROUS TIMES BEFORE. THE LAST SPILL WAS ON 1/3/00 (DEP #111354). NOTIFIER HAS NOT CONTACTED SPILLER YET BECAUSE THEY GAVE HERE A HARD TIME LAST TIME. NOTIFIER WOULD LIKE DEC AND/OR DEP ASSISTANCE.

360 WEST 51ST STREET (Continued) **S104620794**

Material:
Site ID: 148731
Operable Unit ID: 1086424
Operable Unit: 01
Material ID: 297323
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

BB549 **695 9TH AVE/MANH** **NY LTANKS** **S102671615**
SSE **695 9TH AVENUE** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.317 mi.
1673 ft. **Site 1 of 2 in cluster BB**

Relative:
Higher

Actual:
49 ft.

LTANKS:
Site ID: 309123
Spill Number/Closed Date: 9010299 / 11/16/1994
Spill Date: 12/29/1900
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 11/16/1994
Cleanup Meets Standard: True
SWIS: 3101
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 12/22/1990
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/8/1991
Spill Record Last Update: 11/16/1994
Spiller Name: Not reported
Spiller Company: PETRO HEAT & POWER
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 249656

695 9TH AVE/MANH (Continued) **S102671615**

DEC Memo: Not reported
Remarks: GAUGE WAS INCORRECT RESULTING IN OVERFILL, CLEAN UP TEAM ENROUTE.

Material:
Site ID: 309123
Operable Unit ID: 950715
Operable Unit: 01
Material ID: 430461
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

550
NNW **57TH ST / 12TH AVE** **NY LTANKS** **S104620553**
1/4-1/2 **MANHATTAN, NY** **N/A**
0.322 mi.
1698 ft.

Relative:
Lower

Actual:
11 ft.

LTANKS:
Site ID: 228967
Spill Number/Closed Date: 9908576 / 12/1/1999
Spill Date: 10/14/1999
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 10/14/1999
CID: 233
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 10/14/1999
Spill Record Last Update: 12/1/1999
Spiller Name: THOMAS SMITH
Spiller Company: YONKERS CONTRACTORS CO
Spiller Address: 969 MIDLAND AVE
Spiller City,St,Zip: YONKERS, NY 10704-
Spiller County: 001
Spiller Contact: FRED CARDILLO
Spiller Phone: (212) 974-1392

(Continued) **S104620553**

Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 188778
DEC Memo: Not reported
Remarks: caller's co was doing work on site for nys dot they had site marked for digging but were not aware of the u/g oil tank tank was struck during digging spill is confined to area of hole tank is not leaking anymore at this tiome code enviromental has been contacted to assist w/ clean up

Material:
Site ID: 228967
Operable Unit ID: 1082845
Operable Unit: 01
Material ID: 297688
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1000
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 228967
Spill Tank Test: 1547734
Tank Number: 13
Tank Size: 8000
Test Method: 00
Leak Rate: 200
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

BC551 **357 WEST 55TH STREET** **NY LTANKS** **S102672768**
East **357 WEST 55TH STREET** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.323 mi.
1706 ft. **Site 1 of 2 in cluster BC**

Relative:
Higher

Actual:
72 ft.

LTANKS:
Site ID: 67587
Spill Number/Closed Date: 9413227 / 1/4/1995
Spill Date: 1/4/1995
Spill Cause: Tank Overfill
Spill Source: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1/4/1995
Cleanup Meets Standard: True
SWIS: 3101
Investigator: JMKRIMGO
Referred To: Not reported

357 WEST 55TH STREET (Continued) **S102672768**

Reported to Dept:	1/4/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/17/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	CHRIS BLITSOS-MYSTIC TRAN
Spiller Address:	19-01 STEINWAY STREET
Spiller City,St,Zip:	ASTORIA, NY 11105
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	64549
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Remarks:	OVER FILLED TANK- DOUBLE ORDERED - SPILLED ONTO SIDEWALK- PEOPLE ON THE WAY TO CLEAN UP

Material:

Site ID:	67587
Operable Unit ID:	1010775
Operable Unit:	01
Material ID:	371974
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	67588
Spill Number/Closed Date:	9413238 / 1/4/1995
Spill Date:	1/4/1995
Spill Cause:	Tank Overfill
Spill Source:	Unknown
Spill Class:	Not reported
Cleanup Ceased:	1/4/1995
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1/4/1995
CID:	Not reported

357 WEST 55TH STREET (Continued) **S102672768**

Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/17/1995
Spill Record Last Update:	3/17/1995
Spiller Name:	Not reported
Spiller Company:	HESS
Spiller Address:	UNK
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	64549
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Remarks:	ONTO SIDEWALK- BEING CLEANED UP NOW- HESS CLEANED UP

Material:

Site ID:	67588
Operable Unit ID:	1010787
Operable Unit:	01
Material ID:	371985
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BB552 **416 WEST 47TH STREET** **NY LTANKS** **S104278720**
South **416 WEST 47TH ST** **N/A**
1/4-1/2 **NEW YORK, NY**
0.324 mi.
1709 ft. **Site 2 of 2 in cluster BB**

Relative:
Higher

Actual:
43 ft.

LTANKS:

Site ID:	273048
Spill Number/Closed Date:	9909811 / 6/13/2005
Spill Date:	11/12/1999
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101

416 WEST 47TH STREET (Continued) **S104278720**

Investigator:	GWHEITZM
Referred To:	Not reported
Reported to Dept:	11/12/1999
CID:	211
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/12/1999
Spill Record Last Update:	6/13/2005
Spiller Name:	VITO CUTUGNO
Spiller Company:	GRL PROPERTY INVESTORS
Spiller Address:	214-57 27TH AVENUE
Spiller City,St,Zip:	BAYSIDE, NY
Spiller County:	001
Spiller Contact:	VITO CUTUGNO
Spiller Phone:	(718) 631-3108
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	222204
DEC Memo:	06/13/05 Heitzman: See PBS 2-602413. 3000-gallon tank closed in place and replaced with unknown, unregulated (<1100 gal) tank.
Remarks:	DEC Sigona requested that tank testor report this spill to hotline

Material:

Site ID:	273048
Operable Unit ID:	1088503
Operable Unit:	01
Material ID:	298881
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	273048
Spill Tank Test:	1547841
Tank Number:	1
Tank Size:	2500
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

BD553 **METROPOLITAN LUMBER COMPANY** **NY LTANKS** **1000791013**
SW **617 11TH AVE** **NY UST** **N/A**
1/4-1/2 **NEW YORK, NY 10036** **NY HIST UST**
0.327 mi.
1729 ft. **Site 1 of 4 in cluster BD**

Relative:
Lower

Actual:
17 ft.

LTANKS:

Site ID:	257831
Spill Number/Closed Date:	9707347 / 1/8/1998
Spill Date:	9/22/1997
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	9/22/1997
CID:	297
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/22/1997
Spill Record Last Update:	1/16/1998
Spiller Name:	BOB GANS
Spiller Company:	METROPOLITAN LUMBER CO
Spiller Address:	617 11TH AV
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	BOB GANS
Spiller Phone:	(212) 246-9090
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	211110
DEC Memo:	Not reported
Remarks:	WORKERS LOCATED 8 550 GALLON UNDERGROUND GAS TANKS AND THERE IS SOIL CONTAMINATION AROUND THE TANKS - CHRIS TOMESSELO HAS BEEN NOTIFIED FROM DEC R-2

Material:

Site ID:	257831
Operable Unit ID:	1053727
Operable Unit:	01
Material ID:	332918
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

Tank Test:

UST:

Id/Status:	2-601335 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	584716.98108000006
UTM Y:	4512960.3622599998

Affiliation Records:

Site Id:	23302
Affiliation Type:	Facility Owner
Company Name:	METROPOLITAN LUMBER COMPANY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	617 11TH AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 246-9090
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23302
Affiliation Type:	Mail Contact
Company Name:	METROPOLITAN LUMBER CO.
Contact Type:	Not reported
Contact Name:	BOB GANS
Address1:	617 11TH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10036
Country Code:	001
Phone:	(212) 243-9090
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23302
Affiliation Type:	On-Site Operator
Company Name:	METROPOLITAN LUMBER COMPANY
Contact Type:	Not reported
Contact Name:	BOB GANS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

Country Code:	001
Phone:	(212) 246-9090
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23302
Affiliation Type:	Emergency Contact
Company Name:	METROPOLITAN LUMBER COMPANY
Contact Type:	Not reported
Contact Name:	BOB GANS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 246-9090
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	01
Tank ID:	45553
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	10/01/1992
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

Tank Number: 02
Tank ID: 45554
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Number: 03
Tank ID: 45555
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Number: 04
Tank ID: 45556
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Number: 05
Tank ID: 45557
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Number: 06
Tank ID: 45558
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Number: 07
Tank ID: 45559
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Number: 08
Tank ID: 45560
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

Tank Number: 09
Tank ID: 45561
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser

HIST UST:

PBS Number: 2-601335
SPDES Number: Not reported
Emergency Contact: BOB GANS
Emergency Telephone: (212) 246-9090
Operator: BOB GANS
Operator Telephone: (212) 246-9090
Owner Name: METROPOLITAN LUMBER COMPANY
Owner Address: 617 11TH AVE
Owner City,St,Zip: NEW YORK, NY 10036
Owner Telephone: (212) 246-9090
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: METROPOLITAN LUMBER CO.
Mailing Address: 617 11TH AVENUE
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10036
Mailing Contact: BOB GANS
Mailing Telephone: (212) 243-9090
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: 617 11TH AVE
SWIS ID: 6201
Old PBS Number: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 02/19/1993
Expiration Date: 02/19/1998
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	01
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	02
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

Lat/long: Not reported

Tank Id: 03
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19921001
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 04
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19921001
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

Tank Id:	05
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	06
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	07
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

Install Date:	19921001
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	08
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	09
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE

METROPOLITAN LUMBER COMPANY (Continued) **1000791013**

Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

554
ESE
1/4-1/2
0.333 mi.
1759 ft.

ST BENEDICT MOORE CHURCH **NY LTANKS** **S105997176**
340 W 53RD ST **N/A**
MANHATTAN, NY

Relative:
Higher

Actual:
64 ft.

LTANKS:

Site ID:	114530
Spill Number/Closed Date:	0208027 / 11/21/2003
Spill Date:	11/1/2002
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	11/1/2002
CID:	252
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/1/2002
Spill Record Last Update:	11/21/2003
Spiller Name:	CARMELA DETURRIS
Spiller Company:	PETRO OIL COMPANY
Spiller Address:	5560 58TH ST
Spiller City,St,Zip:	QUEENS, NY
Spiller County:	001
Spiller Contact:	CARMELA DETURRIS
Spiller Phone:	(718) 628-3351
Spiller Extention:	Not reported
DEC Region:	2

ST BENEDICT MOORE CHURCH (Continued) **S105997176**

DER Facility ID: 99882
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"11/4/02 TJDLocation is a church. Site visit on 11/2/02. Petro underestimated volume of spill and impacts. Overfill of AST resulted in impacts to sidewalk from discharge from vent pipe and additional impacts to tank room floor, sump and tank enclosure. Estimated 15 gallons of fuel found in sump, pump was not connected. Floor of tank room stained and stored items were impacted by petroleum. An inspection of tank vault revealed staining up from floor approximately 6 inches, this staining and evidence of a release from weep holes in enclosure is indicative of oil leaching out of enclosure.At time of site visit Petro had two workers attempting to clean spill with absorbents. DeMeo contacted oil manager (Bob Carini) and directed him to retain the sevices of an environmental contractor as his cleanup crew would be unable to remediate impacts from overfill. Petro retained Milro Associates to perform cleanup.11/21/03 TJDSpill cleaned by Milro. No documentation submitted. Spill closed.
Remarks: TANK OVERFILL CAUSED SPILL OF MATERIAL ONTO BASEMENT FLOOR THAT RAN INTO A PIT AND ALSO A SEWER. CLEANUP CREW ENROUTE.

Material:
Site ID: 114530
Operable Unit ID: 859604
Operable Unit: 01
Material ID: 515028
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

BE555 **GASETERIA** **NY LTANKS** **S106866617**
NNE **2-16 WEST END AVE** **NY Spills** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.340 mi.
1793 ft. **Site 1 of 2 in cluster BE**

Relative:
Higher

Actual:
28 ft.

LTANKS:
Site ID: 114273
Spill Number/Closed Date: 0212404 / 12/7/2005
Spill Date: 3/17/2003
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 2/25/2004
Cleanup Meets Standard: False
SWIS: 3101
Investigator: aaobliga
Referred To: NFA

GASETERIA (Continued) **S106866617**

Reported to Dept:	3/17/2003
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	3/17/2003
Spill Record Last Update:	9/19/2006
Spiller Name:	OSCAR PORCELLI
Spiller Company:	GASETERIA OIL CORP
Spiller Address:	364 MASPETH
Spiller City,St,Zip:	BROOKLYN, NY 11211-
Spiller County:	001
Spiller Contact:	ROBERTO
Spiller Phone:	(718) 782-4200
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	272906
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"3/17/2003 Zhao/DO: TTF letter sent.3/14/2003-Vought-Spill transferred from Rommel to Vought. Odors reported at adjacent residence located at 12 West End Avenue (see spill #0212324). FDNY on-site and issued citation. FDNY left site by time of NYSDEC call-back.4/24/2003-Vought-Site visit by Steve Muller (516-395-5957) on 3/17/2003. No detectable odors in adjacent residences found with PID in building directly adjacent to north. Steve spoke with Rommel and Rommel requested soil borings. Steve submitted proposal to Gaseteria and will send it to NYSDEC upon their approval.1/27/2004-Vought-File review by Vought:Tank Test Failure Letter from DEC(Zhao)-3/17/03.Email from Gannett Fleming(Manfred Bohms) to DEC(Rommel) 1/16/04. Gannett Fleming performed Phase II at 2-10 West End Avenue and wishes to submit results to DEC and discuss proposed remedial measures. Contact info for Bohms is (516)671-8440x1308 and fax 516-671-3349.Phone Conversation between DEC(Vought) and Bohms-1/23/04. Removal of three active USTs and ten more USTs suspected on-site. Gasoline contaminated soil and groundwater discovered. Gaseteria no longer owner of site. New owner is 2-10 West End Avenue Association, LLC. 419 Park Avenue South NYNY Mr. Terry Soskin 212-889-3500. Site will become apartment complex via excavation to bedrock or below groundwater (whichever is encountered first). Dewatering permits will be obtained if necessary.Phase II Report-Gannett Fleming-Manfred Bohms-1/21/03. Phase II conducted at 2-14 West End Ave. Gaseteria formerly located at 2-10 West End Ave and a former auto repair garage located at 14 West End Ave at the corner of W60th St. Naeva Geophysics conducted radar survey on 12/8/03 and found three (4000-gallon) gasoline USTs, three dispenser islands and "three areas that USTs were suspected to be located south of the northernmost in-service 4000-gallon UST". The three areas are suspected of housing nine USTs and one additional UST was discovered totalling thirteen USTs. The radar survey of 14 west end Ave did not detect the presence of USTs but two 275-gallon ASTs were observed the in the basement. Nine geoprobes were performed at 2-10 West End Ave and one boring was performed at 14 West End Ave. Four groundwater samples were also collected. Soil analyticals show 73ppb benzene(SB3), 2900ppb xylene(SB3), 3000ppb MTBE(SB3), 440ppb

GASETERIA (Continued) **S106866617**

MTBE(SB5), 10000ppb xylene(SB5), 820ppb benzene(SB4), 21000ppb benzo(a)anthracene(SB1), 19000ppb benzo(a)pyrene(SB1), 14000ppb napthalene(SB7). Soil analyticals also show minor SVOC TAGM 4046 exceedances attributable to fill material. Groundwater analyticals show 230ppb benzene(SB3GW), 190ppb benzene(SB4GW), 800ppb benzene(SB5GW) and 14ppb benzene(SB6GW), 17ppb napthalene(SB3GW), 52000ppb MTBE(SB3GW), 38000ppb MTBE(SB4GW), 420ppb MTBE(SB5GW), 88ppb napthalene(SB5GW) and 19ppb MTBE(SB6GW). NYSDEC requires:1)updated PBS registration 2)Stipulation Agreement due to scheduled construction of residential building 3)delineation across West End Avenue, across 59th Street and on southwest corner of 59th Street and West End Ave 4)EPA Method 8260 and 8270 analysis due to napthalene, benzo(a)anthracene and VOCs in groundwater. Vought called Bohms to explain requirements and left message to return call to DEC. Vought sent STIP with above requirements on 1/29/2004.
1/29/2003-Vought-Spoke with Steven Muller (516-395-5957). New owner is Cambridge Company. Money held in escrow for Gaseteria to clean up site. Gannett Fleming will prepare RAP. DEP also involved in site. Gaseteria shutting down dispensers and fencing property today. Gaseteria will perform standard tank pull and remove concrete and prepare Tank Closure Report and review RAP with respect to Gaseteria property. Gaseteria will remediate groundwater within discharge limits. Amtrak tunnel adjacent to property. 2/3/04-Vought-Received call from Barbara Herr(Ten West End Development Corp. 212-453-3785) that incorrect two different spill numbers are on STIP package sent 1/28/04. Vought corrected STIP, refaxed and remailed with 3/5/04 deadline.2/9/04-Vought-Received email from Bohms. "An Amtrack rail line passes diagonally across West End Avenue from north to south between W. 58th Street and W. 60th Street". DEC's requested well locations are positioned on top of rail line. "Additionally, Amtrack and IRT yards are located further to the west".2/18/04-Vought-Received certified letter return as underliverable due to "attempted not known". Vought called Herr and left message to return call to DEC either confirming receipt or with correct address. 2/25/04-Vought-Spoke with Muller and Gannett Fleming will be preparing a RAP which includes STIP requirements. Muller will confirm that wells cannot go across street due to location of the tunnel.2/27/2004-Vought-Received signed Stipulation Agreement from Cambridge Companies (Perry Soskin) executed on behalf of 10 West End Development Corp, LLC. Stipulation was implemented by DEC Kunkel on 3/11/04. Implemented Stipulation was not sent to 10 West End Development due to expected Stipulation Agreement from Gaseteria regarding 2-10 West End Avenue. Vought wanted to ensure that Gaseteria sign Stipulation due to the majority of contamination originating from Gaseteria property. Vought received Hazardous Waste Mitigation Plan from Gannett Fleming.3/18/04-Vought-Site meeting with Vought(DEC), Muller(Applied Geosolutions), Porcelli(Gaseteria), Madigan(Gannett Fleming), Bohms(Gannett Fleming) and Soskin(Cambridge). Stipulation Agreement signed by Gaseteria after assurance by DEC that Gaseteria would only be held for contamination eminating from 2-10 West End and not 14 West End. Gaseteria will peform test pits to identify areas of soil contamination and find stockpiling sites. If contaminated soil is found in test pits it will be excavated and endpoint samples will be collected. Construction of the residence scheduled to begin in July/August 2004. Standing water present in railroad tracks containing algae inferring that the water has been there for long time and is groundwater (depth corresponds

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approximately with expected depth to groundwater). No sheen or odor from water in railroad tracks. DEC will not require off site water samples from far side of tracks AS OF YET due to lack of hydraulic connection to site inferred by water in tracks. Meeting resulted in the following requirements: 1)EPA Method 8260/8270 due to gasoline, fuel oil, waste oil and hydrualic oil. 2)Regular intermittent (initial, during and final) sampling of dewatering water for 8260/8270 for study of groundwater contamination and remediation 3)Due to adjacent railroad tracks no offsite wells are required (dewatering samples will be used for groundwater investigation).3/25/04-Vought-Review of Hazardous Material Mitigation Plan (Gannett Fleming) dated February 2004. "This Mitigation Plan is required by the New York City Department of Planning and DEP for the redevelopment of the site". Plan included installation of monitoring wells (not feasible after rexamination of railroad tracks). Soil planned to be excavated to groundwater or bedrock (two story underground garage planned for new building). Plan also proposed installation of a foundation vapor barrier, removal of all onsite USTs, removal of contaminated soil, community air monitoring program and dewatering activities. In addition to above requirements, DEC approves workplan except for: 1)installation of monitoring wells 2)Method 8021 (DEC requires 8260). 3/25/04-Vought-Sent letter to Gaseteria and 10 West End Development approving of Mitigation Plan with additional requirements of: 1)EPA Method 8260/8270 on all samples due to gasoline, fuel oil, waste oil and hydrualic oil. 2)Regular intermittent (initial, during and final) sampling of dewatering water for 8260/8270 for study of groundwater contamination and remediation 3)Due to adjacent railroad tracks, no offsite wells are required (dewatering samples will be used for groundwater investigation) DEC requires removal from plan of: 3)installation of monitoring wells 4)Method 8021 (DEC requires 8260). Vought sent letter summarizing above on 3/25/04.4/5/04-Vought-Reviewed DRAFT mitigation plan incorporating above requirements as requested by Gannet Flemming prior to submission to DEC. Vought sent email to Bohms and Muller with edits.4/6/04-Vought-Received phone call and email from Bohms discussing edits and Mitigation Plan approved by DEC Vought. Vought sent letter to Bohms approving of plan.4/13/04-Vought-Received letter sent to Soskin returned to sender as "not deliverable as addressed". Letter was addressed as:Mr. Perry Soskin2-10 West End Associates, LLC.419 Park Avenue SouthNew York, NY 10016Fax: 212-889-5131Vought called Herr and requested call back to DEC with correct mailing address. 5/4/04-Vought-Spoke to Steve Muller and two additional USTs discovered (one 275-gallon) waste oil and one (2000-gallon) heating oil. Muller will update PBS registration. Excavation still continuing until clean soil detected. Site visit scheduled for 4/17/04. 5/13/04-Vought-Vought spoke to Muller and site visit arranged for 5/17/04 to examine limits of excavation and locations of endpoint samples.5/19/04-Vought-Performed site visit on 5/17/04. Approximately 1700 tons of impacted soil was removed. USTs removed included three (4000-gallon) gasoline USTs, fifteen (550-gallon) gasoline USTs, one (1000-gallon) fuel oil UST, one (550-gallon) waste oil UST, one (2000-gallon) fuel oil UST and one (275-gallon) waste oil UST. Building excavation will continue to sidewalk and to groundwater. Dewatering projected to begin in 9/03. UST closure report expected to be received by 7/1/04.9/16/04-Vought-Called Bohms for an update. Muller preparing draft UST Closure Report. Dewatering plan not drafted as excavation

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for foundation has not started. DEC will be notified upon beginning excavation.10/6/04-Vought-New file review by Vought:Split Spoon Sample Analysis (Gannett Fleming)-6/14/04. "As you are aware, Gannett Fleming split two post excavation soil samples..." There are some discrepancies between our results, mainly the xylenes concentrations in the northeast sample". Applied Geosolutions sample showed 1660ppb xylene and Gannett Fleming sample showed 10700ppb xylene.Additional Soil Sampling (Gannett Fleming)-6/14/04. "...we are submitting the analytical data from additional soil sampling performed by Gannett Fleming..." "This soil sampling was conducted to confrim our belief that soils in the eastern portion of the property were cross-contaminated during soil remediation activities". "Please note that these results do not represent post-excavation conditions. Additional excavation is planned at the site".Groundwater Sample Analysis (Gannett Fleming)-6/18/04. "....Gannett Fleming collected three groundwater samples from test pits excavated by Gaseteria on June 8 and 9, 2004". Groundwater analyticals show 170ppb MTBE(NWTPGW), 360ppb benzene(SWGW), 2500ppb toluene(SWGW), 1200ppb ethylbenzene(SWGW), 5800ppb xylene(SWGW), 7200ppb MTBW(SWGW), 16ppb benzene(WGW), 15ppb toluene(WGW), 44ppb xylene(WGW) and 1100ppb MTBE(WGW).DEC requires: 1)collection of endpoint soil samples at final terminus of excavation for foundation. Vought sent email to Muller and Bohms with above requirement and requesting status of further excavation for foundation and dewatering.10/7/04-Vought-Received call from Bohms. Vought returned call and left message to return call.10/8/04-Vought-Received message from Bohms and returned call and left message.10/19/04-Vought-Site visit by Vought to witness collection of endpoint soil samples. Onsite were Gannett Fleming(Dennis), Applied Geosolutions(Muller) and Perry Soskin. Soskin requested letter from DEC stating that we were satisfied for cleanup for application for foundation permit. Soil still present in excavation (not excavated to bedrock yet) and fieldstone from former building foundations for sidewalls. Since further excavation is planned, these endpoints will not be considered. During collection of endpoint soil sample from under UST location, free product and heavy gasoline odors noted. Vought called Perry Soskin and left message in order to notify him that DEC would not produce the letter due to oustanding DEC requirements for remediation, non adherence to the CAP and possible H&S impacts to future residents.11/23/04-Vought-Reviewed Underground Storage Tank Closure Report (Applied Geolsolutions) dated 11/9/04. "The service station was comprised of three petroleum USTs in two tank cavities and three pump islands with seven dispensers". To the north of the site is an office building (to be razed for the new residential apartment tower), to the east is an automotive repair facility, to the south is a multi-level parking garage and to the southwest is an IRT building housing a power plant for the subway system, to the west is a parking lot". Sensitive receptor survey shows closest receptor as school located 500’ to the north. Bedrock encountered 5" below grade in northeast corner of the site. Wood, coal ash and slag found in the southern portion of the site. Groundwater present at 15’ below grade. Former site assessment by Gannett Fleming showed groundwater concentrations of groundwater concentrations up to 43ppb toluene, 1500ppb ethylbenzene, 9400ppb xylene and 6600ppb 1,2,4-trimethylbenzene. Tank removals included three (4000-gallon) gasoline USTs, one (550-gallon) waste oil UST, ten (550-gallon) gasoline USTs, one (1000-gallon) heating oil UST, one (275-gallon)

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motor oil UST, and one (2000-gallon) heating oil UST. Report contains many endpoint analyticals from various eexcavation pits that were created (some of which were filled back in) however the Department is only concered with endpoint sampling from the final limits of excavation. Approximately 4042 tons of impacted soil were removed from the site. Community Air Monitoring as per DER-10 was performed during soil excavation and disposal. Report concluded that "based on the UST removal and site remediation activities, Gaseteria has adequately delineated the petroleum contamination in the onsite soils and conducted sufficient excavation to remove the petroleum contaminated soil from the site". No requirements issued as further excavation and dewatering will occur due to foundation construction.1/6/05-Vought-Spoke to Manfred and DOB will not issue permits until they receive regulatory letter. Manfred will draft a letter and send it to DEC for signature and revision.1/31/05-Vought-Reviewed manfreds draft letter and all points of letter approved by DEC in 4/7/04 approval letter of Plan. Vought called Manfred back who will call Cambridge to have them contact DEC.3/4/05-Vought-Received message from Manfred. Vought returned call and spoke to Manfred who is completing test pit report. Six test pits were installed (two on Gaseteria property). Test pits were dug to groundwater. Groundwater at 15' below grade across entire site. Bedrock at 11' on east side. Groundwater samples collected during test pit installation. In 3/04 or 4/04 general excavation will begin and contaminated soil will be segragated and disposed of accordingly. Letter referred to above on 1/6/05 will be cc'd and sent to NYCDEP.3/18/05-Vought-Received and reviewed Test Pit report (Gannett Fleming) dated 3/8/05 and received on 3/10/05. "As part of pre-construction work, Gotham Greenwich Construction (Gotham) excavated seven test pits at 2-16 West End Ave..." "During excavation petroleum contaminated soil was observed immediately above the groundwater interface and petroleum sheen on the groundwater surface in TP-1 and TP-3. Since TP-1 and TP-3 were not located on the former Gaseteria property and the contamination observed in these pits is not likely to be assoicated with NYSDEC Spill Number 0212404, Gannett Fleming notified NYSDEC and Spill number 0412188 was assigned to the property. Six groundwater samples were collected. Groundwater analyticals show 600ppb benzene(TP5), 700ppb toluene(TP5), 810ppb ethylbenzene(TP5), 2100ppb xylene(TP5), 3200ppb MTBE(TP5), 26ppb benzene(TP6), 16ppb toluene(TP6), 150ppb ethylbenzene(TP6), 310ppb xylene(TP6) and 510ppb MTBE(TP6). "Contaminated groundwater will be removed from the site as part of the dewatering system operated during foundation construction as indicated in the approved Hazardous Material Mitigation Plan".3/18/05-Letter from Gannett Fleming to NYCDEP Cabbagestalk dated 3/9/05. The remaining work to be completed is excavation of remaining contaminated soil, treatment and discharge of contaminated groundwater and installation of a vapor barrier. "Since these three items are an integral part of the construction phase of site development, a Department of Buildings permit for the construction of the building must be secured before the remaining remedial measures can be implemented. Therefore we request that you provide the necessary approval so the construction permit can be obtained".3/19/05-Vought-Received call from ASR Muller who was requesting concentration limitations for treatment. Vought gave Muller NYCDEP Nazaire to call for limits.6/3/05-Vought-Received message from Manfred Bohms (Gannett Flemming). Vought returned call and spoke to Bohms. In sidewalk in southwest corner of site a utility

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structure was found made of bricks extending to 30' below grade with oil at bottom. Sample collected for fingerprinting. No excavation performed as of yet as piling will be driven soon. Soil to begin being removed next week. Dewatering unit will be delivered and set up next week and will be running in a few weeks and predwatering sample will be collected. Bohms will contact DEC upon obtaining dewatering permit from DEP.6/9/05-Vought-Received call from Bohms that product in sidewalk vault is dielectric fluid with no PCB content. Vought returned call and calls were placed to ConEd and will be reporting spill to hotline and no product recovery as of yet.
6/16/05-Vought-Letter from ASR Muller to DEC Vought-6/10/05. "In a correspondence dated October 15, 2004 (attached) the requirement of a vapor barrier and/or passive venting system to prevent vapor migration was added to the Stipulation Agreeement implemented by the NYSDEC on March 11, 2004. Based on the following information this additional requirement is no longer needed". Info provided: 1)basement of building will be garage and "as part of construction a ventiulation system will be installed in the basement to evacuate vehicle exhaust" 2)removal of 4042 tons of impacted soil 3)dewatering of site 4)removal of any new contaminated soil encountered during dewatering 4)installation of "structural waterproofing membrane" to prevent groundwater intrusion into the subfloors. "Therefore I kindly request that the added requirement of a Vapor Barrier of any kind be removed from the Stipulation Requirements". Vought sent letter no longer requiring installation of vapor barrier provided the installation of the vehicle exhaust system and the waterproofing membrane.6/16/05-Vought-Letter from Gannett Fleming (Bohms) to DEC Vought-6/10/05. "As requested we have prepared this letter to document the actions taken regarding the discovery of dielectric fluid in a utility vault under the sidewalk immediately southwest of 10 West End Avenue". Free product about 10" thick and new spill was called in by ConEd. Oil is "100% Feeder 51 dielectric fluid". Analytical fingerprint results included with letter.6/20/05-Vought-Received call from Steve Hicks (Gannett Fleming). Vought returned call and spoke to Hicks and WR Grace vapor barrier system is being installed. Vought faxed him copy of 6/16 letter and June 10, 2004 letter.7/19/05-Vought-Site visit by Vought with Gannet Flemming(Bohms and Hicks) and ASR Muller. Dewatering system started on 7/11/05 and initial water samples collected same date. Analyticals of groundwater still not back from lab. Sheen observed on groundwater (no free product). Dewatering system will be sampled monthly and will have 2-3 extraction points. Expected time of system operation is five months. Dewatering not taken place due to awaiting discharge permit from NYCDEP. Additional contaminated soil to be removed. No vapor complaints received to date and non-detected during site visit. DEC requires: 1)endpoint samples to be taken at terminus of excavation despite depth below groundwater. No dielectic fluid observed in excavation.9/12/05-Obligado- Spill transferred from Vought to Obligado.9/30/05- Obligado- Called Steve Muller at ASR to inquire about dewatering activities. Left message.10/3/05- Obligado - Spoke with Manfred Bohms (516) 671-8440. Said they took an soil endpoint sample, tried to call DECVought prior to sampling, but unable to reach him, so they took sample anyway. Site status - excavation, dewatering, gw sampling, is ongoing and should continue for about 2 months before foundation is laid. A letter report containing results of soil and gw sampling should be received by the department in about 3 weeks.10/4/05 - Obligado - Spoke with Steve

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Muller, site meeting scheduled for 10/6/05 at 1000. 10/5/05- Obligado - Phone conversation with Manfred Bohms, Fleming will be onsite on 10/6/05 to take soil samples from bottom of footing excavation. Agree to meet Dennis Matigan on site.10/6/05- Obligado - Site visit with DEC Sun, Dennis Mattigan (516)578-9415 (Ganette Fleming), Muller (ASR) and Tomasello (ASR). Excavation ongoing, down to approximately 30 ft bgs beneath former gaseteria portion of site (southern half). Excavation proceeded down into bedrock, and footings will be installed into bedrock so soil samples from footing excavation could not be taken. DEC requires: Since base of excavation is in bedrock, 1) no enpoint soil samples need to be collected. 2) Collect one ground water sample from sump pit dug down into bedrock. At time of site visit, sump pit dry due to dewatering, so Fleming and ASR will each collect 1 ground water sample the following morning, when sump pit has recharged.10/24/05 - Obligado - Review closure request by ASR, based on ground water sample collected from sump pit in bedrock below limits and soil on Gaseteria half of property completely removed. Request NFA. Wait to get results from Gannete Fleming, who also collected samples and has been taking monthly ground water samples from dewatering system.10/25/05 - Obligado - Dennis Mattigan (Gannet Fleming) called from Gannet Fleming. Said they had reached the extent of excavation (approximately 35 ft bgs)in northwestern portion of the site. Did not encounter bedrock at base of this area of excavation. Told Dennis to collect two soil endpoint samples.10/26/05 - Obligado - Steve Muller called, said that they were installing a moisture barrier on the southern half of the site. 10/27/05 - Obligado - Call Dennis Matigan, inform him that DEC will visit site to see membrane installation.11/16/05 - Obligado - Received call from Dennis Matigan, he will be collecting a soil sample from below a footing in the northern portion of the site.11/29/05 - Obligado - Spoke to Manfred Bohms, said he will send GW results from dewatering tomorrow. Soil excavation almost complete. No more soil endpoint samples will be collected due to bedrock.12/7/05 - Obligado - Meeting with Gaseteria. NFA granted. Sent letter 12/8/05

Remarks: NO COMMENTS

Material:

Site ID:	114273
Operable Unit ID:	865869
Operable Unit:	01
Material ID:	512140
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	114273
Spill Tank Test:	1528102
Tank Number:	1

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Tank Size:	4000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

SPILLS:

Facility ID:	0212324
DER Facility ID:	272906
Facility Type:	ER
Site ID:	207272
DEC Region:	2
Spill Date:	3/14/2003
Spill Number/Closed Date:	0212324 / 4/24/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	3/14/2003
CID:	418
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/14/2003
Spill Record Last Update:	7/21/2005
Spiller Name:	Not reported
Spiller Company:	GASETERIA
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	ROBERTO PORCELLI
Contact Phone:	(718) 782-4200 213
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"4/24/2003-Vought-See spill #0212404 (Tank test failure) at same location. This spill closed by Vought.
Remarks:	not an aparent spill, just an odor of gas

Material:

Site ID:	207272
Operable Unit ID:	863331
Operable Unit:	01
Material ID:	512060
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other

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Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0412188
DER Facility ID:	272906
Facility Type:	ER
Site ID:	337577
DEC Region:	2
Spill Date:	2/15/2005
Spill Number/Closed Date:	0412188 / 5/26/2006
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	3101
Investigator:	aaobliga
Referred To:	Not reported
Reported to Dept:	2/15/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/15/2005
Spill Record Last Update:	5/31/2006
Spiller Name:	CAMBRIDGE MANAGEMNET
Spiller Company:	COMMERCIAL SITE
Spiller Address:	2-16 WEST END AVE
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	CAMBRIDGE MANAGEMNET
Contact Phone:	(212) 889-3500
DEC Memo:	2/11/05-Vought-Received message from Manfred Bohms (Gannett Fleming 516-671-8440x1308) that sheen was detected on groundwater during excavation for new foundation. See also open spill #0212404 at same location. Vought called Bohms and seven test pits were dug for geotechnical investigation. Spill at 12 and 16 west end Avenue. Petroleum contaminated soil at interface and sheen on groundwater (at 16' below grade). Area going to be excavated and dewatered via remedial plan on 0212404. Soil samples and groundwater samples were collected. Report shall be received to DEC by 3/1/05.6/7/05-Vought-Spoke to Manfred Bohms and one (550-gallon) UST was discovered. Two drums of impacted soil was removed from underneath UST and endpoint samples were collected. No PBS registration required as site is under 1100 gallons for PBS requirements. All soil will be excavated down to groundwater.9/12/05-Obligado- Spill transferred from Vought to Obligado.5/11/06 - Obligado - Called Manfred Bohms, he said closure

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report is under review by client. Expects to receive it back within several days.5/25/06 - Obligado - Spoke to Manfred Bohms, he said closure report is complete and will be sent in next few days. 5/31/06 - Obligado - Sent NFA letter5/26/06 - Obligado - Received Closure Report. Requests closure based on 1000 gallon UST and contents removed, posed ex samples exhibit SVOC concentrations similar to "urban fill" material. 20 cubic yards of visually contaminated soil removed. 8,500 tons of soil removed as part of construction activities. All soil and bedrock removed down to 31 ft below original grade. Extensive dewatering as well to lower water table down to 31 ft bgs from original level of 15 ft bgs. See also spill number 0212404 for dewatering ground water anayltical results. NFA granted.

Remarks: DURING TEST PITS FOUND, CONTAMINATED GROUNDWATER: JEFFRERY VOGHT FROM DEC IS WORKING ON THE EXISTING SPUILL NUMBER FROM THIS SITE

Material:

Site ID:	337577
Operable Unit ID:	1099528
Operable Unit:	01
Material ID:	579864
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BF556 **545 WEST 45TH ST** **NY LTANKS S102560347**
SW **545 WEST 45TH ST** **NY Spills N/A**
1/4-1/2 **MANHATTAN, NY**
0.343 mi.
1809 ft. **Site 1 of 2 in cluster BF**

Relative:
Lower

Actual:
20 ft.

LTANKS:

Site ID:	246310
Spill Number/Closed Date:	9711326 / 1/9/1998
Spill Date:	1/9/1998
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1/9/1998
CID:	257
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False

545 WEST 45TH ST (Continued) **S102560347**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/9/1998
Spill Record Last Update:	1/15/1998
Spiller Name:	CHARLIE
Spiller Company:	MYSTIC OIL
Spiller Address:	19-01 STEINWAY ST
Spiller City,St,Zip:	ASTORIA, ZZ
Spiller County:	001
Spiller Contact:	NONE
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	202288
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	DRIVER OVERFILLED TANK ONTO SIDEWALK SPILL IS ALL CONTAINED AND BEING CLEANED UP

Material:

Site ID:	246310
Operable Unit ID:	1057826
Operable Unit:	01
Material ID:	326005
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	9613745
DER Facility ID:	80157
Facility Type:	ER
Site ID:	87487
DEC Region:	2
Spill Date:	2/24/1997
Spill Number/Closed Date:	9613745 / 2/24/1997
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2/24/1997
CID:	297
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party

545 WEST 45TH ST (Continued) **S102560347**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/24/1997
Spill Record Last Update:	2/27/1997
Spiller Name:	PETER LAPORE
Spiller Company:	WHALECO FUEL CO
Spiller Address:	1 COFFEE ST
Spiller City,St,Zip:	BROOKLYN, NY 11231-
Spiller Company:	001
Contact Name:	45TH ST ASSOC
Contact Phone:	(212) 499-6200
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Remarks:	CROSSOVER TUBE ON THE FUEL TRUCK LEAKED - SPIL IS BEING CLEANED UP NOW
	Not reported

Material:

Site ID:	87487
Operable Unit ID:	1041320
Operable Unit:	01
Material ID:	338849
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BD557 **SWING TIME LLC** **NY LTANKS** **S103824901**
SW **609-611 11TH AVENUE** **NY Spills** **N/A**
1/4-1/2 **NEW YORK, NY**
0.344 mi.
1815 ft. **Site 2 of 4 in cluster BD**

Relative:
Lower

Actual:
16 ft.

LTANKS:

Site ID:	230867
Spill Number/Closed Date:	9900078 / 7/2/2003
Spill Date:	4/2/1999
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	4/2/1999

SWING TIME LLC (Continued) **S103824901**

CID:	382
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	4/2/1999
Spill Record Last Update:	9/11/2003
Spiller Name:	MIKE MEOLA
Spiller Company:	EXXONMOBIL CORPORATION
Spiller Address:	464 DOUGHTY BLVD.
Spiller City,St,Zip:	INWOOD, NY 11096
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	190248
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"This spill site has been transferred from DEC Sigona to RemedialBureau B, on August 4, 2003.This spill site has been consolidated under Spill No. 8806783.Reassigned from O'Dowd to Sigona on 11/6/00 DEC's comments regarding a proposed Work Plan for On-Site and Off-Site Investigation by Roux Associates, dated April 30, 2003. Based on the results of our site visit on March 7, 2003, and evaluation of the proposal by Roux Associates, the DEC accepts ExxonMobil's Work Plan and Schedule to evaluate the on-site and off-site contamination at this location. Exxon-Mobil must now complete the implementation of the Work Plan according to the proposed schedule. The results of this investigation must be compiled into a Subsurface Investigation Report prepared in accordance with Section No. 3, paragraph 3.14 of the Division of Environmental Remediation's Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2002. A complete Remedial Investigation Report must be submitted for DEC review and approval according to the proposed implementation scheduled.
Remarks:	DOUBLE WALLED STEEL TANK. LEAK IS FROM INNER TO OUTER WALL.

Material:

Site ID:	230867
Operable Unit ID:	1078859
Operable Unit:	01
Material ID:	307218
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	230867

SWING TIME LLC (Continued) **S103824901**

Spill Tank Test:	1547033
Tank Number:	1
Tank Size:	4000
Test Method:	14
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	VacuTest

SPILLS:

Facility ID:	0002289
DER Facility ID:	61396
Facility Type:	ER
Site ID:	63582
DEC Region:	2
Spill Date:	5/24/2000
Spill Number/Closed Date:	0002289 / 7/2/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	KMFOLEY
Referred To:	Not reported
Reported to Dept:	5/24/2000
CID:	312
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/24/2000
Spill Record Last Update:	3/24/2005
Spiller Name:	ROBERT GANS
Spiller Company:	ZZ
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	999
Contact Name:	ROBERT GANS
Contact Phone:	Not reported
DEC Memo:	Spoke to Dr. Sandoval who represents Whitehouse - the tenant/builder/runner of future club. Swingtime is the owner of the property. According to a report written by Swingtime's consultant, American Envmtl Assessment(AEA), there was no contamination.DEC Saccacio required more work.PDM performed own investigation for Whitehouse and found contamination. Whitehouse's attorney(Michael Perle) will send DEC letter. Reassigned from Saccacio.5/9/03 Reassigned from Rommel to Harrington. 1/5/05 Reassigned from Harrington to Foley. Changed address back to 609-611 11th Avenue. Address was 561 11th Ave and listed ExxonMobil as RP. Two PBS registrations, one at each location. Appeared to have been consolidated under spill #8806783 in error. Cross-reference open

SWING TIME LLC (Continued) **S103824901**

#9501693 for 609-611 11th Ave. (KMF)From closed spill file: (KMF, 3/24/05)10/24/00 Letter from PDM Environmental Services addressed to Mr. Oscar Sandoval of The White House. PDM reviewed the American Environmental Assessment Corp Summary Report for Soil Removal. They noted that in some samples the reported values were greater than the guidance values. Also noted that some samples were contaminated and above STARS guidance values. Sample results indicate that soils beneath the 11th Avenue property line show the greatest levels in exceedance of criteria and will probably require further remediation. PDM noted complications with obtaining a certificate of occupancy until contaminants have been removed to below acceptable levels.A letter was issued by S. Saccacio on 11/22/00 which states that the spill number will not be considered for closure until additional investigation is conducted and the Dept reviews the results.See spill #s 0001837, 0001719, 9501693.

Remarks: STEVE SACCOCIO IS AWARE

Material:

Site ID:	63582
Operable Unit ID:	824213
Operable Unit:	01
Material ID:	550655
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0001837
DER Facility ID:	281560
Facility Type:	ER
Site ID:	230866
DEC Region:	2
Spill Date:	5/12/2000
Spill Number/Closed Date:	0001837 / 3/20/2002
Spill Cause:	Housekeeping
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	KMFOLEY
Referred To:	Not reported
Reported to Dept:	5/12/2000
CID:	196
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

SWING TIME LLC (Continued) **S103824901**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/12/2000
Spill Record Last Update:	3/24/2005
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	***UPDATE***, NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	This spill site has been transferred from DEC Sigona to Remedial Bureau B, on August 4, 2003.Closed and cross referenced to spill 8806783.3/23/05 Spill reassigned from Harrington to Foley. Found address information in closed spill file #0002289. Original spill report shows address as 45th St and 11th Ave. Changed address from ExxonMobil at 561 11th Ave to 609-611 11th Ave. Also see open spill #9501693. (KMF)
Remarks:	CONSTRUCTION WORKERS DIGGING FOUNDATION FOUND SOIL WITH GASOLINE.WORKERS WALKED OFF SITE. RQUEST DEC FOR INSPECTION.

Material:

Site ID:	230866
Operable Unit ID:	823755
Operable Unit:	01
Material ID:	290049
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BD558 **609-611 11TH AVE** **NY LTANKS** **S104652652**
SW **609-611 11TH AVENUE** **NY Spills** **N/A**
1/4-1/2 **MANHATTAN, NY 10036**
0.344 mi.
1815 ft. **Site 3 of 4 in cluster BD**

Relative:
Lower

Actual:
16 ft.

LTANKS:

Site ID:	264591
Spill Number/Closed Date:	9501693 / 9/16/2005
Spill Date:	5/9/1995
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	KMFOLEY
Referred To:	Not reported

609-611 11TH AVE (Continued) **S104652652**

Reported to Dept:	5/10/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	5/18/1995
Spill Record Last Update:	9/16/2005
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	215638
DEC Memo:	4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel.12/7/04 Reassigned from Rommel to Foley. Issued certified letter (Robert Gans, Swing Time LLC Corp., 1270 Saw Mill River Rd, Yonkers NY 10710) requiring site assessment for ten gas USTs removed 7/99. Report to be submitted by 3/7/05.12/21/04 Certified letter returned as attempted, unknown.12/22/04 Resent certified letter to Robert Gans (617 11th Avenue, NY NY 10036).12/27/04 Spoke to Perry Burkett(same address as R. Gans-617 11th Ave, NY NY 10036 (212-582-1951, 212-246-0856(fax)), general counsel for Robert Gans, Swingtime LLC. Will send correspondence and reports that were previously submitted to Steven Saccaccio. Stated that Saccaccio had approved remediation and subsequent construction of building currently on property.1/4/05 Received reports from P. Burkett. 1) Letter workplan dated 5/22/00.2) Letter and fax from B. Pachmohr dated 6/5/00 including field notes and proposal for an additional monitoring well.3) Fax from S. Saccacio to former tenant, Dr. Oscar Sandoval and his atty M. Perle, indicating the planned building will not interfere with the remaining spill investigation and potential remedial obligations.4) Soil Removal Summary Report from American Environmental Assessment Corp. dated 7/5/00.10 gasoline USTs had been located in the SE corner of the property. They were removed prior to the construction work and the site assessment that was performed at the time did not reveal any contamination around the tank field. American Environmental Assessment Corp.(AEAC) was contracted to further investigate. On 5/24/00, AEAC installed three test pits. Soil around the former tank field had been impacted by gasoline. Between 5/31 and 6/14/00, 860 tons of contaminated soil were removed. GW was encountered at 13’bgs. Two samples at 10’bgs showed elevated concentrations of VOCs (total BTEX at 4133ppb(E-5), and 2525ppb(E-4)). Rock was encountered at a depth of approx 6’bgs which dropped off towards the SE corner to 10-12’bgs.1/6/05 Received copy of tank removal affadavit from Petroleum Technology stating ten 550gal gas tanks were removed on 7/20/99.1/10/05 Issued letter requiring installation of three monitoring wells. Two along 11th Ave (adjacent to soil sample locations E-4 and E-5) and one along 45th St (btwn S-2 and S-3). Report due 4/15/05.See spill #s 0001837, 0001719.3/24/05 Met with M. Roux, Roux Associates. If bedrock is

609-611 11TH AVE (Continued) **S104652652**

encountered, they will core through bedrock (only at location closest to E-5, highest soil cont.). Will take soil samples at all locations(highest PID and at gw interface). GW samples will be taken if encountered before bedrock. 4/20/05 Met Roux(Marty) and ADT Drilling on-site. Refusal at 9'bgs in first boring on northside of W45th St. Second boring(northernmost) on 11th Ave had some hits on the PID up to 700ppm. Sample from 15-17'bgs was wet. ADT installed monitoring well. Third boring to be drilled later.4/28/05 Spoke to M. Roux. Report expected to be submitted by 5/20/05.6/15/05 Reveived Ltd. Subsurface Investigation Report dated 6/14/05. Attempted to install three wells. Two were successful(MW-2 and MW-3). Soil had some detections of BTEX below TAGM RSCOs. Groundwater showed lower levels of BTEX in MW-2(68ppb benzene, 4ppb toluene, 300ppb ethylbenzene, 232ppb xylenes). GW in MW-3 showed one hit for MTBE at 10ppb, with no other VOCs detected. 6/16/05 Letter sent to R. Gans requesting confirmatory GW sample be collected at end of July 2005.8/19/05 Letter from Roux Assoc. with results of gw analysis from 7/27/05. Concentrations of BTEX above GWQS in MW-2 (30ppb benzene, 240ppb ethylbenzene, 182ppb xylenes). Concentrations in MW-3 were below GWQS. This appears to be due to residual soil contamination as indicated by boring logs. Potential for exposure from soil vapor is not expected, however, according to the report, a vapor barrier had been installed beneath the building.

Remarks: ENVIRONMENTAL SITE STUDY DONE - GROUND CONTAMINATION FOUND RESULTING FROM TANK LEAKING. PROPERTY IS ABANDONED GAS STATION. 10TH AVE CORP. OWNER ISAAC GATWEN, 18 WOODHAVEN, NEW YORK CITY

Material:

Site ID:	264591
Operable Unit ID:	1016066
Operable Unit:	01
Material ID:	366768
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	264591
Operable Unit ID:	1016066
Operable Unit:	01
Material ID:	1521285
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	264591
Operable Unit ID:	1016066
Operable Unit:	01

609-611 11TH AVE (Continued) **S104652652**

Material ID:	1521286
Material Code:	2645A
Material Name:	BTEX
Case No.:	Not reported
Material FA:	Oxygenates
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	264591
Operable Unit ID:	1016066
Operable Unit:	01
Material ID:	366767
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	True

Tank Test:

SPILLS:

Facility ID:	0001719
DER Facility ID:	60765
Facility Type:	ER
Site ID:	62715
DEC Region:	2
Spill Date:	5/10/2000
Spill Number/Closed Date:	0001719 / 3/20/2002
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JMROMMEL
Referred To:	Not reported
Reported to Dept:	5/10/2000
CID:	312
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/10/2000
Spill Record Last Update:	3/24/2005
Spiller Name:	Not reported
Spiller Company:	UNKNOWN

609-611 11TH AVE (Continued) **S104652652**

Spiller Address:	Not reported
Spiller City,St,Zip:	***UPDATE***, NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Closed and cross-referenced to 0001837, 0002289, 9501693.3/24/05 Changed address from W 45th St/ 11th Av to 609-611 11th Ave. (KMF)
Remarks:	CALLER STATES SUBJS ARE THERE WORKING AND HIT AN OLD TANK- NOthing FURTHER

Material:

Site ID:	62715
Operable Unit ID:	823532
Operable Unit:	01
Material ID:	289933
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BC559 **MULTIPLE DWELLING** **NY LTANKS** **S102148727**
East **340 WEST 55TH ST.** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.350 mi.
1846 ft. **Site 2 of 2 in cluster BC**

Relative:
Higher

Actual:
72 ft.

LTANKS:

Site ID:	123376
Spill Number/Closed Date:	9407888 / 9/19/1994
Spill Date:	9/13/1994
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	9/13/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/27/1948
Spill Record Last Update:	2/6/1998
Spiller Name:	Not reported

MULTIPLE DWELLING (Continued) **S102148727**

Spiller Company:	XLCN MANAGEMENT
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	106949
DEC Memo:	Not reported
Remarks:	Not reported

Material:

Site ID:	123376
Operable Unit ID:	1005596
Operable Unit:	01
Material ID:	377348
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	150
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BA560 **502 WEST 45TH STREET** **NY LTANKS** **S104501430**
SSW **502 WEST 45TH STREET** **NY Spills** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.352 mi.
1858 ft. **Site 2 of 2 in cluster BA**

Relative:
Lower

Actual:
19 ft.

LTANKS:

Site ID:	104613
Spill Number/Closed Date:	8807198 / 3/19/2003
Spill Date:	11/30/1988
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	12/1/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0

502 WEST 45TH STREET (Continued) **S104501430**

Date Entered In Computer: 12/1/1988
Spill Record Last Update: 7/19/2005
Spiller Name: Not reported
Spiller Company: HESS OIL
Spiller Address: 502 WEST 45TH STREET
Spiller City,St,Zip: NEW YORK, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 295954
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
Remarks: Not reported

Material:
Site ID: 104613
Operable Unit ID: 923860
Operable Unit: 01
Material ID: 455543
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 104613
Spill Tank Test: 1534949
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

SPILLS:
Facility ID: 9606129
DER Facility ID: 295954
Facility Type: ER
Site ID: 102777
DEC Region: 2
Spill Date: 8/13/1996
Spill Number/Closed Date: 9606129 / 12/31/1997
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101

502 WEST 45TH STREET (Continued) **S104501430**

Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	8/13/1996
CID:	297
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/13/1996
Spill Record Last Update:	6/14/2002
Spiller Name:	Not reported
Spiller Company:	HESS GAS
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	UNKNOWN
Contact Phone:	(000) 000-0000
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"MULQUEEN INSPECTED. ACTIVE UNDER PREVIOUS SPILL #'S.
Remarks:	SUBJECT WAS WALKING ON THE 45TH ST SIDE BY A SUBWAY AND NOTICE GAS LEAKING OUT OF THE STONE WALL - SUBJ ALSO NOTICE GAS VAPORS COMING FROM THE MANHOLES

Material:

Site ID:	102777
Operable Unit ID:	1033661
Operable Unit:	01
Material ID:	348863
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	1004718
DER Facility ID:	295954
Facility Type:	ER
Site ID:	438001
DEC Region:	2
Spill Date:	7/26/2010
Spill Number/Closed Date:	1004718 / 7/29/2010
Spill Cause:	Equipment Failure
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

502 WEST 45TH STREET (Continued) **S104501430**

SWIS:	3101
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	7/26/2010
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/26/2010
Spill Record Last Update:	7/29/2010
Spiller Name:	Not reported
Spiller Company:	HESS CORP
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	MICHAEL MATRI
Contact Phone:	(732) 841-1377
DEC Memo:	5 gal spill to pavement from broken nozzle. Cleaned , closed. See edocs if warranted.
Remarks:	HOSE DETACHED FROM NOZZLE, SPILL TO PAVEMENT. CLEANNUP IN PROGRESS, SPILL RESPONSE CONTRACTOR EN ROUTE.

Material:

Site ID:	438001
Operable Unit ID:	1188660
Operable Unit:	01
Material ID:	2183594
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9604842
DER Facility ID:	295954
Facility Type:	ER
Site ID:	255885
DEC Region:	2
Spill Date:	7/14/1996
Spill Number/Closed Date:	9604842 / 7/15/1996
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
SWIS:	3101

502 WEST 45TH STREET (Continued) **S104501430**

Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	7/14/1996
CID:	211
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	7/14/1996
Spill Record Last Update:	7/19/2005
Spiller Name:	Not reported
Spiller Company:	HESS GAS STATION
Spiller Address:	502 WEST 45 ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	caller reports there was some type of malfunction with gas pumpcausing spill - fire dept is on scene trying to contain it - someproduct has entered storm dran

Material:

Site ID:	255885
Operable Unit ID:	1032482
Operable Unit:	01
Material ID:	347596
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9415731
DER Facility ID:	295954
Facility Type:	ER
Site ID:	62560
DEC Region:	2
Spill Date:	3/5/1995
Spill Number/Closed Date:	9415731 / 3/5/1995
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SIGONA

502 WEST 45TH STREET (Continued) **S104501430**

Referred To:	Not reported
Reported to Dept:	3/5/1995
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	3/5/1995
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/12/1995
Spill Record Last Update:	7/19/2005
Spiller Name:	Not reported
Spiller Company:	ISLAND TRANSPORTATION
Spiller Address:	5700 47TH ST
Spiller City,St,Zip:	MASPETH, NY 11378
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	APPEARS SPILL CAME UP THRU FILL LINE - CALLED BACK AT 9:30 TO UPDATE QUANTITY.

Material:

Site ID:	62560
Operable Unit ID:	1012908
Operable Unit:	01
Material ID:	370903
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4
Units:	Gallons
Recovered:	4
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9516313
DER Facility ID:	295954
Facility Type:	ER
Site ID:	102776
DEC Region:	2
Spill Date:	3/19/1996
Spill Number/Closed Date:	9516313 / 3/19/2003
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	3/19/1996

502 WEST 45TH STREET (Continued) **S104501430**

CID:	312
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/19/1996
Spill Record Last Update:	7/19/2005
Spiller Name:	Not reported
Spiller Company:	HESS #32215
Spiller Address:	502 WEST 45TH ST
Spiller City,St,Zip:	MANHATTAN, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	(212) 245-6594
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"Closed file filed under Spill #88-07198
Remarks:	soil borings found contaminated soil in readings of 1156 ppm

Material:

Site ID:	102776
Operable Unit ID:	1027284
Operable Unit:	01
Material ID:	352833
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

BF561 **NY LTANKS** **S105996948**
SSW **525 WEST 45TH ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.352 mi.
1859 ft. **Site 2 of 2 in cluster BF**

Relative:
Higher

Actual:
22 ft.

LTANKS:

Site ID:	178935
Spill Number/Closed Date:	0206999 / 6/3/2003
Spill Date:	10/7/2002
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

(Continued) **S105996948**

Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	10/7/2002
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/7/2002
Spill Record Last Update:	1/21/2005
Spiller Name:	SOL
Spiller Company:	SOL
Spiller Address:	525 WEST 45TH ST
Spiller City,St,Zip:	MANHATTAN, ZZ
Spiller County:	001
Spiller Contact:	SOL
Spiller Phone:	(845) 624-0533
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	150200
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"PBS #2-60582710/7/2002 DeMeo responded to the site and witnessed the tank test failure.5/8/03 TJDDemeo contacted by Paul Stewart (ACT) who has been retained by Dime Savings Bank to perform an investigation at 525 W45th Street due to tank test failure. Mr. Stewart stated (4)borings were installed soil/groundwater samples taken from each location. He reports no contamination found. Mr. Stewart was not aware the Department is pursuing an enforcemnt case against registered tank owner for non-compliance. Mr. Stewart will be submitting a work plan to further investigate this property including either removing tank or sampling soils beneath tank and investigating buried fill line. See also spill 02065495/22/03 TJDSite visit. Demeo on site to witness uncovering of 2,000 UST. When manway was accessed tank contained approximately 60 gallons of #2 Fuel Oil. Tank had previously been pumped dry and cleaned by PTC. Unknown how oil reemerged into tank. A small hole was cut into tank bottom and a soil sample was collected. No visual or olfactory indicators or contamination were present in sample. Laboratory analysis subsequently revealed all petroleum constituents are below TAGM. Fill and vent lines were removed from tank and properly disposed.5/29/03 TJDSite visit. Demeo on site to witness excavation, removal and inspection of feed and return product lines. Action Environmental performing work under supervision of ACT. Product lines were excavated from tank to perimeter of tenant space. A small excavation was opened inside tenant space where product lines penetrate foundation wall (beneath slab) from boiler room. No visible or olfactory indicators of petroleum contamination was identified in area of piping runs.6/3/03 TJDClosure report submitted by ACT. NFA letter issued.Additional notes:9/24/02 Amtrack spill reported (0206549)9/28/02 Letter sent to Tokay Realty requiring tightness test10/7/02 Tightness test conducted (tank failed)10/22/02 Letter requiring retest and/or tank closure sent10/22/02 Tightness test

(Continued) **S105996948**

performed (tank failed) 10/28/02 Follow-up letter sent requiring subsurface investigation10/29/02 Tank taken out of service. Temporary tank installed.2/21/03 New 1500 gal AST installed (not registered)6/3/03 NFA issued. Old 2000 gal UST still active in PBS. New 1500 gal AST not registered.

Remarks: no comments

Material:

Site ID:	178935
Operable Unit ID:	858746
Operable Unit:	01
Material ID:	517590
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	178935
Spill Tank Test:	1527544
Tank Number:	1
Tank Size:	2000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

BG562 **HESS #32215** **NY LTANKS** **U003178494**
SSW **502 WEST 45TH STREET** **NY UST** **N/A**
1/4-1/2 **NEW YORK, NY 10036** **NY HIST UST**
0.353 mi.
1864 ft. **Site 1 of 2 in cluster BG**

Relative:
Lower

Actual:
19 ft.

LTANKS:

Site ID:	81935
Spill Number/Closed Date:	8807538 / 10/18/2004
Spill Date:	12/13/1988
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	WXSUN
Referred To:	Not reported
Reported to Dept:	12/13/1988
CID:	Not reported
Water Affected:	Not reported

HESS #32215 (Continued) **U003178494**

Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	12/21/1988
Spill Record Last Update:	11/2/2004
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	75663
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"11/06/01: MF-R9 OTHER SPILLS AT SITE 9314775, 8807198,CLOSED 9516313,CLOSED, 9604842, CLOSED, 9415731, CLOSED.02/18/2004- AUSTIN - REASSIGNED TO SUN10/15/04-On 10/15/04 Sun sent a letter to Michael Matri of Hess requiring by 11/30/04 to submit the following information: 1)Tank Closure Report, 2)Locations of tank and/or line test failure, 3)Subsurface investigation report, including current and historical soil and groundwater analysis, and 4)A surrounding property sketch including property layout and usage.10/18/04-On 10/15/04 Sun received from Micael Matri of Hess a Revised Spill Closure Report, prepared by EnviroTrac, dated December 2002. The report indicated that Hess removed 2,150 tons of soil from the site. Out of 20 soil samples collected following the UST removal, VOCs were detected in excess of their respective TAGM guidelines in only 3 (SP-2, SP-3 ans SP-10). Semi-VOCs were detected above their respective TAGM guidelines in only 2 of the samples (SP-14 and SP-20). Since there are no potable water supply well within a 1/4-mile radius of the site and this spill occurred prior to the removal of the 2,150 tons of soil that Hess removed during the UST removal, and only few VOC and SVOC concentrations higher than the NYSDEC standards,this spill is closed.
Remarks:	2 4K TANKS SYPHONED TOGETHER FAILED PETRO. L R = -0.554 GPH. ORIG. INVESTIGATED BY GRATHWOL

Material:

Site ID:	81935
Operable Unit ID:	923009
Operable Unit:	01
Material ID:	455870
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

HESS #32215 (Continued) **U003178494**

Tank Test:

Site ID:	81935
Spill Tank Test:	1534998
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

UST:

Id/Status:	2-338613 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2017/10/29
UTM X:	584926.34404999996
UTM Y:	4512782.90809

Affiliation Records:

Site Id:	16281
Affiliation Type:	Mail Contact
Company Name:	HESS CORP
Contact Type:	Not reported
Contact Name:	JANICE FLAHERTY
Address1:	1 HESS PLAZA
Address2:	Not reported
City:	WOODBRIDGE
State:	NJ
Zip Code:	07095
Country Code:	001
Phone:	(732) 750-6350
EMail:	JFLAHERTY@HESS.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/1/2011

Site Id:	16281
Affiliation Type:	On-Site Operator
Company Name:	HESS #32215
Contact Type:	Not reported
Contact Name:	SITE MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 245-6594
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/8/2009

HESS #32215 (Continued) **U003178494**

Site Id:	16281
Affiliation Type:	Facility Owner
Company Name:	HESS CORP
Contact Type:	LICENSE COORDINATOR
Contact Name:	JANICE FLAHERTY
Address1:	1 HESS PLAZA
Address2:	Not reported
City:	WOODBRIDGE
State:	NJ
Zip Code:	07095
Country Code:	001
Phone:	(732) 750-6000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	10/29/2012

Site Id:	16281
Affiliation Type:	Emergency Contact
Company Name:	HESS CORP
Contact Type:	Not reported
Contact Name:	HESS CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(732) 750-6000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	7/23/2012

Tank Info:

Tank Number:	001
Tank ID:	27848
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	12/01/1980
Date Tank Closed:	04/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	20
Date Test:	11/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None

HESS #32215 (Continued) **U003178494**

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number:	002
Tank ID:	27849
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	12/01/1980
Date Tank Closed:	04/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	20
Date Test:	11/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number:	003
Tank ID:	27850
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	12/01/1980
Date Tank Closed:	04/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	20
Date Test:	11/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HESS #32215 (Continued) **U003178494**

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number:	004
Tank ID:	27851
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	12/01/1980
Date Tank Closed:	04/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	20
Date Test:	11/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number:	005
Tank ID:	27852
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	12/01/1980
Date Tank Closed:	04/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	20
Date Test:	11/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported

HESS #32215 (Continued) **U003178494**

Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number: 006
Tank ID: 27853
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1980
Date Tank Closed: 04/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 11/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number: 007
Tank ID: 27854
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1980
Date Tank Closed: 04/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

HESS #32215 (Continued) **U003178494**

Tightness Test Method: 20
Date Test: 11/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number: 008
Tank ID: 27855
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1980
Date Tank Closed: 04/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 11/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number: 009
Tank ID: 27856
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1980
Date Tank Closed: 04/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009

HESS #32215 (Continued) **U003178494**

Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 11/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number: 010
Tank ID: 27857
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1980
Date Tank Closed: 04/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 11/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number: 11
Tank ID: 52311
Tank Status: In Service
Capacity Gallons: 10000
Install Date: 04/01/1997
Date Tank Closed: Not reported
Registered: True

HESS #32215 (Continued) **U003178494**

Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 10/08/2009

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 12
Tank ID: 52312
Tank Status: In Service
Capacity Gallons: 10000
Install Date: 04/01/1997
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/01/2011

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I03 - Overfill - Automatic Shut-Off

HESS #32215 (Continued) **U003178494**

B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 13
Tank ID: 52314
Tank Status: In Service
Capacity Gallons: 10000
Install Date: 04/01/1997
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/01/2011

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 14
Tank ID: 52313
Tank Status: In Service
Capacity Gallons: 10000
Install Date: 04/01/1997
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

HESS #32215 (Continued) **U003178494**

Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 10/08/2009

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double-Walled (Underground)

HIST UST:

PBS Number:	2-338613
SPDES Number:	Not reported
Emergency Contact:	AMERADA HESS CORPORATION
Emergency Telephone:	(732) 750-6000
Operator:	SITE MANAGER
Operator Telephone:	(212) 245-6594
Owner Name:	AMERADA HESS CORPORATION
Owner Address:	1 HESS PLAZA
Owner City,St,Zip:	WOODBRIDGE, NJ 07095
Owner Telephone:	(732) 750-6000
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	AMERADA HESS CORP
Mailing Address:	1 HESS PLAZA
Mailing Address 2:	Not reported
Mailing City,St,Zip:	WOODBRIDGE, NJ 07095
Mailing Contact:	JANICE FLAHERTY
Mailing Telephone:	(732) 750-6350
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/31/2000
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	40000

HESS #32215 (Continued) **U003178494**

FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19801201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Not reported
Overfill Prot:	Product Level Gauge
Dispenser:	Submersible
Date Tested:	11/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1997
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19801201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Not reported
Overfill Prot:	Product Level Gauge
Dispenser:	Gravity
Date Tested:	11/01/1995
Next Test Date:	Not reported

HESS #32215 (Continued) **U003178494**

Missing Data for Tank: Minor Data Missing
Date Closed: 04/01/1997
Test Method: USTest 2000
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19801201
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Not reported
Overfill Prot: Product Level Gauge
Dispenser: Gravity
Date Tested: 11/01/1995
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 04/01/1997
Test Method: USTest 2000
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19801201
Capacity (gals): 4000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Not reported
Overfill Prot: Product Level Gauge
Dispenser: Gravity
Date Tested: 11/01/1995
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 04/01/1997
Test Method: USTest 2000

HESS #32215 (Continued) **U003178494**

Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19801201
Capacity (gals): 4000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Not reported
Overfill Prot: Product Level Gauge
Dispenser: Submersible
Date Tested: 11/01/1995
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 04/01/1997
Test Method: USTest 2000
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 006
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19801201
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Not reported
Overfill Prot: Product Level Gauge
Dispenser: Submersible
Date Tested: 11/01/1995
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 04/01/1997
Test Method: USTest 2000
Deleted: False
Updated: True
Lat/long: Not reported

HESS #32215 (Continued) **U003178494**

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19801201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Not reported
Overfill Prot:	Product Level Gauge
Dispenser:	Gravity
Date Tested:	11/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1997
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19801201
Capacity (gals):	4000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Not reported
Overfill Prot:	Product Level Gauge
Dispenser:	Gravity
Date Tested:	11/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1997
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	009
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

HESS #32215 (Continued) **U003178494**

Install Date:	19801201
Capacity (gals):	4000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Not reported
Overfill Prot:	Product Level Gauge
Dispenser:	Gravity
Date Tested:	11/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1997
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19801201
Capacity (gals):	4000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Not reported
Overfill Prot:	Product Level Gauge
Dispenser:	Submersible
Date Tested:	11/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1997
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	101
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19970401
Capacity (gals):	10000
Product Stored:	UNLEADED GASOLINE

HESS #32215 (Continued) **U003178494**

Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: None
Pipe External: None
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 102
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19970401
Capacity (gals): 10000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: None
Pipe External: None
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 103
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19970401
Capacity (gals): 10000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: None
Tank External: None

HESS #32215 (Continued) **U003178494**

Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Automatic Shut-Off, Catch Basin
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	104
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19970401
Capacity (gals):	10000
Product Stored:	DIESEL
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Automatic Shut-Off, Catch Basin
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

563
South
1/4-1/2
0.353 mi.
1864 ft.

ST CLEMENTS **NY LTANKS** **S106124300**
423 WEST 46TH ST **N/A**
MANHATTAN, NY

Relative:
Higher

Actual:
38 ft.

LTANKS:

Site ID:	97790
Spill Number/Closed Date:	0308286 / 4/12/2006
Spill Date:	11/5/2003
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.

ST CLEMENTS (Continued) **S106124300**

Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	GWHEITZM
Referred To:	Not reported
Reported to Dept:	11/5/2003
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/5/2003
Spill Record Last Update:	4/12/2006
Spiller Name:	SAME
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	SETH
Spiller Phone:	(212) 246-7277
Spiller Extention:	0
DEC Region:	2
DER Facility ID:	87080
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"send tank test letterPBS 2-404772 indicates that the 2000 gal tank is above ground with suction piping and exempt from testing. 6/15/05 Heitzman: Sent letter to church requesting additional documentation on repairs to line and possible re-test.4/12/06 - No response received from property owner. However, based on judgement and the spills closure guidance, this appears to be one that can be closed out. They will have a higher authority to answer to.
Remarks:	Tank test failure at above location. Repairs to line to be made and tank retested.

Material:

Site ID:	97790
Operable Unit ID:	874549
Operable Unit:	01
Material ID:	501796
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	97790
Spill Tank Test:	1528790
Tank Number:	1
Tank Size:	2000

ST CLEMENTS (Continued) **S106124300**

Test Method: 03
Leak Rate: 0
Gross Fail: F
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

BH564 **WEST 45TH ST & 10TH AVE** **NY LTANKS** **S100167849**
SSW **WEST 45TH ST & 10TH AVE** **N/A**
1/4-1/2 **NEW YORK, NY**
0.357 mi.
1887 ft. **Site 1 of 2 in cluster BH**

Relative:
Higher

Actual:
30 ft.

LTANKS:
Site ID: 199072
Spill Number/Closed Date: 9000492 / 8/2/1993
Spill Date: 4/14/1990
Spill Cause: Tank Failure
Spill Source: Gasoline Station
Spill Class: Known release that creates a file or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
Cleanup Ceased: 8/2/1993
Cleanup Meets Standard: True
SWIS: 3101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 4/14/1990
CID: Not reported
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 5/11/1990
Spill Record Last Update: 8/2/1993
Spiller Name: Not reported
Spiller Company: HESS
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 165686
DEC Memo: Not reported
Remarks: TANK LEAKING, GAS ODOR IN WATER, LEAKING TO TRACKS BELOW, SAMPLE TAKENOF WATER, DEC TO INVESTIGATE FURTHER.

Material:
Site ID: 199072
Operable Unit ID: 938840
Operable Unit: 01
Material ID: 438876
Material Code: 0009

WEST 45TH ST & 10TH AVE (Continued) **S100167849**

Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BI565 **59TH ST STATION** **NY LTANKS** **S104503157**
NNW **850 12TH AVENUE** **NY Spills** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.362 mi.
1912 ft. **Site 1 of 5 in cluster BI**

Relative:
Lower

Actual:
7 ft.

LTANKS:

Site ID:	197545
Spill Number/Closed Date:	0308962 / 6/29/2005
Spill Date:	11/22/2003
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	11/22/2003
CID:	211
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/22/2003
Spill Record Last Update:	6/29/2005
Spiller Name:	SEAN MCKEEVER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	SEAN MCKEEVER
Spiller Phone:	(212) 580-6763
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	232366
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"E2MIS 15123822-NOV-2003 12:16Operator M. Bland (I.D.# 50412) while attempting to lubricate 114 Boiler feed pump could not correctly determine the level of oil in the resevoir and as a result overfilled the oil resevoir. the oil drained out of the top of the resevoir and on to the floor where it entered the floor drain. The

59TH ST STATION (Continued) **S104503157**

oil was noticed streaming into the drain collection pit as an oil and water mixture. The drain was blocked off and and spill pads were placed in the pit. No oil, or oil sheen was observed draining into the sump pit where there is a pump that sends water to an oily water seperator. Cleanup is continuing and is expected to be completed within the 2 hour constraint. Notified CIG operator S. Mckeever at 11:56 and received ERT contact at 12:11 A. Fiore.Sewer/Waterway: NOFire/Smoke: NOSubstance: Lube oilSource: 114 BFP LO ReserviorCause: Over fillPrivate Property: NOClean up completed at approximately 14:00. There was NO entry in to waterways or sewers. The spill was contained within the station.After investigation it was determined that initial report of 12 gallons spill was incorrect. It appreas the correct amount is approximately 4 gallons. Operator onlyuse four buckets (12 gallons total) to filled reservoir and oil leaked durting last bucket fill. Operator was filling reservoir with buckets through funnel. After filling with four buckets, the oil leaked because of overfilling. There is a level indication on the reservoir but it is not readable.ROOT CAUSE: Inattention to detail and unreadable level indication.CORRECTIVE ACTION: Operator was instructed regarding attention to detail and work order was entered to repair of replace level indicator.Update: 01-MAR-2005 by J. BurkeLevel sight glass on 114 BFP reservoir was replaced and the level can be easily seen in sight glass at present time. This incident is being submitted to theNYSDEC for review and closure.

Remarks: overfilled resevoir tank - clean up in progress - spill went into floor drain that leads to sump pit - spill has been contained

Material:

Site ID:	197545
Operable Unit ID:	875072
Operable Unit:	01
Material ID:	498878
Material Code:	0013
Material Name:	Lube Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	12
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	165602
Spill Number/Closed Date:	0303767 / 10/13/2004
Spill Date:	7/10/2003
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JHOCONNE

59TH ST STATION (Continued) **S104503157**

Referred To:	Not reported
Reported to Dept:	7/10/2003
CID:	252
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/10/2003
Spill Record Last Update:	10/13/2004
Spiller Name:	PAUL DIDONATO
Spiller Company:	59TH ST GENERATING STA
Spiller Address:	850 12TH AVE
Spiller City,St,Zip:	MANHATTAN, ZZ
Spiller County:	001
Spiller Contact:	PAUL DIDONATO
Spiller Phone:	(212) 580-6763
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	232366
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"~~~~~~~~~~~~~~~~~~~~~~Con Ed e2mis #149200:At 00:53 it was observed by operator L. Tucker that oil was pouring out of #1 and #2 fuel oil tanks which is located inside of a moat in the fuel oil tank room. At this time fuel was being transferred from a barge on pier 98. The fuel transfer was stopped immedietly. The approx. amount of the spill is estimated to be about 200 gallons. The spill is contained in the moat in the fuel oil room. Operations personnel placed spill pillows around the spill on the floor, and also covered it with spill pads. Notification was made to CIG,EHS Manager, and Operations Manager. It was noticed by Shift Supervisor A. Rodney that 3 of the 4 tank level indicators in the control room were defective with a zero tank level indication, while the fourth tank (tank #4) was indicating 99.4%. Ops. Manager locating cleanup vendor to report to site to assist ops. personnel.Clean Harbors on site at 0530 to start setup for cleanup. All gross oil removed from top of tank; sides and floor of fuel oil room. Cleanup operations suspended for weekend. Cleanup of cosmetic residual oil to continue Monday, July 14th.Clean up completed 15-JUL-2003. Repairs to Magnetrol for High-High Alarm and Trip completed on 23-JUL-2003. Operation personnel conduct Trip testing of #6 fuel oil tanks and 500 valve. #1 tank was filled to 90%, the pump suction supply valve was closed ... the recirc valve to #1 tank open ... the recirc. valves to the other tank were closed. At 90% the Hi-level alarm went off. This practice was conducted on the remaining tanks, #2, #3 and #4. Below is the sequence:-#1 tank -- Trips 500 vlv. at 96.1%#2 tank -- Trips 500 vlv. at 97.8%#3 tank -- Trips 500 vlv. at 96.5%#4 tank -- Trips 500 vlv. at 96.4%.Note:- The actual Trip Value is 95%, but the tanks level indication is about 1.5% higher on average.
Remarks:	SPILL IS CONTAINED BY CON ED AT THIS TIME-CLEANUP TO CONTINUE.

Material:

Site ID:	165602
Operable Unit ID:	872020
Operable Unit:	01
Material ID:	504627

59TH ST STATION (Continued) **S104503157**

Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	290135
Spill Number/Closed Date:	0004776 / 2/11/2004
Spill Date:	7/21/2000
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	7/21/2000
CID:	211
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/21/2000
Spill Record Last Update:	2/11/2004
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	JIMMY FOX
Spiller Phone:	(212) 580-6763
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	232366
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"While maintenance crew were lowering four 55 gallon lube oil drums with lift crane, the drums broke away from the pallet and crashed to the floor. Multiple drum leakage resulted in 15 gallon spill to floor. No lube oil entered trenches and no worker was injured. The four lube oil drums were received shrink wrapped on a pallet. During the transfer from the 34' level to the basement the drums broke free of the shrink-wrap and landed on the basement floor. 15 gallons of lube oil leaked from multiple drum leaks. The oil was contained and the damaged drums placed in over pack drums. To prevent a reoccurrence of this type of spill, oil drums will be individually moved with the uses of a barrel lifter.

59TH ST STATION (Continued) **S104503157**

Remarks: DRUM FELL OFF LIFT CABLE CAUSING SPILL - CLEAN UP IN PROGRESSCON ED 132484

Material:

Site ID:	290135
Operable Unit ID:	827211
Operable Unit:	01
Material ID:	549509
Material Code:	0013
Material Name:	Lube Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	0106057
DER Facility ID:	232366
Facility Type:	ER
Site ID:	165590
DEC Region:	2
Spill Date:	9/6/2001
Spill Number/Closed Date:	0106057 / 3/17/2004
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	KMFOLEY
Referred To:	Not reported
Reported to Dept:	9/6/2001
CID:	282
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/6/2001
Spill Record Last Update:	3/17/2004
Spiller Name:	RICHARD ROACH
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY 10003
Spiller Company:	001
Contact Name:	RICHARD ROACH
Contact Phone:	(212) 580-6764
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was

59TH ST STATION (Continued) **S104503157**

"FOLEY"e2mis 139333AT 12:30 MECHANIC A SYETTA REPORTED A SPILL OF APPROXIAMATELY ONE OZ. OF UNKNOWN LIQUID COMING FROM FEEDER CONNECTION LOCATED AT TRANSFORMER BAY #3 (RETIRED). THE LIQUID IS UNKNOWN AT THIS TIME. CHEMICAL LAB HAS BEEN CALLED TO TAKE SAMPLES. AREA HAS BEEN BARRICADED. LIQUID IS CONTAINED IN BARRICADED AREA. NO POSSIBLE ENTRY INTO SEWER OR WATERWAY.1605/ 9/6/01 Astoria Chem Lab arrived at 59th Street Station to take sample of unknown fluid.QC ID: 03-200108291227TOTAL PCB 7 ppmSpill cleaned-up as non-PCB spill by maintenance as per Tony Schiavonne on 9/14/01, 14:00 hrs. Area was wiped down with spill pads by Syetta. Pads were placed in oily debris drum for disposal.

Remarks: OIL IS LEAKING FROM A INSULATING BUSHING. 1 OUNCE WAS SPILLED.139333 CON ED NUMBER

Material:

Site ID:	165590
Operable Unit ID:	844465
Operable Unit:	01
Material ID:	530941
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9808043
DER Facility ID:	232366
Facility Type:	ER
Site ID:	197549
DEC Region:	2
Spill Date:	9/30/1998
Spill Number/Closed Date:	9808043 / 11/5/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	9/30/1998
CID:	365
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/30/1998

59TH ST STATION (Continued) **S104503157**

Spill Record Last Update:	11/12/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	RICHARD ROACH
Contact Phone:	(212) 580-6764
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"E2MIS 120189AT 1550 HR, AT THE HP PARKING AREA, A 1 OZ SPILL OF HYDRAULIC FLUID WAS DISCOVERED. THE FLUID WAS ON A CONCRETE SURFACE ANDCLEANED UP IN APPROX. 15 MINUTES. NO FLUID ENTERED THE TRENCH SYSTEM. CIG,R.ROACH NOTIFIED FOR SPILL.SAMPLE PROFILE TAKEN SHOWED HYDRAULIC TYPE LIQUID WITH NO HAZARDOUS WASTE CHARACTERISTICS. SOURCE WAS NEVERDISCOVERED.
Remarks:	FOUND OIL IN THE PARKING LOT & CON ED CLEANED IT UP W/ 1 OIL PAD

Material:

Site ID:	197549
Operable Unit ID:	1069232
Operable Unit:	01
Material ID:	315576
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Yes
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0206681
DER Facility ID:	232366
Facility Type:	ER
Site ID:	165598
DEC Region:	2
Spill Date:	9/27/2002
Spill Number/Closed Date:	0206681 / 11/20/2002
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	9/27/2002
CID:	281
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

59TH ST STATION (Continued) **S104503157**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/27/2002
Spill Record Last Update:	11/20/2002
Spiller Name:	ANDREW MORRIS
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY 10003
Spiller Company:	001
Contact Name:	ANDREW MORRIS
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"E2MIS NOTES 14529713:00 HRS OMA K.WASHINGTON REPORTED A LAYER OF OIL ON TOP OF THE WATER IN #3 SUMP PUMP PIT. THE SUMP FEED WAS OPENED TO PREVENT THE PUMP FROM OPERATING. CHECKED TRENCHES LEADING TO SUMP #3, NO OIL LEAKAGE SITED GOING INTO ANY TRENCH LEADING TO #3 SUMP. THE OIL APPEARS TO BE LUBRICATING OIL FROM A UNKNOWN SOURCE. THE STATION OILY WATER SEPARATOR WAS FOUND CLEAR OF ANY OILOIL ON TOP WATER WILL BE SOAKED UP WITH PADS UNTIL PIT IS CLEAN.SHIFT SUPV. WILL UPDATE REPORT WHEN CLEANUP IS COMPLETEDREFER TO 0208530. ARS.
Remarks:	ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. CLEANUP IS IN PROGRESS AT THE TIME OF CALL. CAUSE IS UNDER INVESTIGATION. CON ED #145297.

Material:

Site ID:	165598
Operable Unit ID:	859349
Operable Unit:	01
Material ID:	517284
Material Code:	0013
Material Name:	Lube Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0206371
DER Facility ID:	232366
Facility Type:	ER
Site ID:	286751
DEC Region:	2
Spill Date:	9/19/2002
Spill Number/Closed Date:	0206371 / 11/20/2002
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	9/19/2002
CID:	204

59TH ST STATION (Continued) **S104503157**

Water Affected:	HUDSON RIVER
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/19/2002
Spill Record Last Update:	4/22/2004
Spiller Name:	SEAN MCKEEVER
Spiller Company:	59TH STREET STATION
Spiller Address:	850 12TH AVENUE
Spiller City,St,Zip:	MANHATTAN, NY 10003-
Spiller Company:	001
Contact Name:	SEAN MCKEEVER
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"INSPECTOR NOTES:DURING A SPDES INSPECTION, J. LAMALFA INFORMED THAT APPROXIMATELY 1 GALLON OF #6 OIL SPILLED ON THE DOCK. THE OIL SEEPED THROUGH THE DOCK OPENINGS AND WENT INTO THE WATER INSIDE THE BOOMED AREA. KEN'S MARINE ALREADY HAD CLENED THE WATER AND LEFT. CON EDISON WILL FINISH CLEANING THE OIL STAIN IN THE DOCK. CON EDISON WAS INSPECTING THE EXISITING #6 LINE ON THE DOCK TO CERTIFY IT GAS FREE FOR A FUTURE WELDING OPERATION. THE PROJECT IS TO WELD TOGETHER THE EXISITING #6 PIPELINE TO A NEW PORTION OF PIPELINE THAT WILL GO FROM THE DOCK TO INSIDE THE STATION.(ARs)11/20/2002: STATION CLEANED THE SPILL. THE CHECK VALVE IS IN PLACE AND OPERATIONAL. THE STATION IS USING THE #6 LINE AND THEY WERE PUMPING OIL DURING THE INSPECTION. THERE IS A STAIN ON THE DOCK, BUT NO FREE PRODUCT WAS VISIBLE. THE DOCK IS MADE OF WOOD AND THE STAIN WILL NOT COME OUT. (ARS)~~~~~~~~E2MIS NOTES 0206371While preparing the dock fuel oil line for cleaning by the Jet Trader, 1 gallon of No. 6 Fuel oil sprayed out of the check valve on to the dock and into the water. The Operators on the dock had prepared an area with plastic and pads to prevent oil from getting on the dock. The spray of oil went past the protected area and into boomed area around the Jet Trader.Ken's Marine was called 12:24. Ken's Marine arrived on-site with wrong boat at 13:15. Response boat arrived at 13:30. Clean up complete 15:30. Checked with ERT S. Mahoney, USCG is not responding to this spill. Released Ken's Marine after visual inspection showed no visible floating globules or visible sheen in water. Two 55 gallon drums of waste generated to be disposed of as non-hazardous waste. Investigation in progress.INVESTIGATION REPORTOn September 19, 2002, Operations was preparing to clean the dock fuel oil line in preparation for tie-in work starting September 21, 2002. Three operating mechanics were assigned to work the job. The OMA's and the Shift Supervisor discussed the operation. It appeared to have four phases:1. Removal of residual oil from the west end of the fuel oil line west of the check valve.2. Removal of residual oil from the east end of the fuel oil line east of the check valve (east & west sections separated by check valve)3. Removal of the check valve flapper by opening the top flanged cover4. Removal of the remaining oil with steam and vacuum after replacing top flange cover. There was never any written station procedure and there was no operating order. The Jet Trader was contracted to collect the residual fuel oil and

59TH ST STATION (Continued) **S104503157**

the steam/water from cleaning the 6" fuel oil line. Initially, the Jet Trader applied suction on a 3" connection on the west flange of the dock line. This removed residual oil from the check valve west of gate valve V049 to the west end of the line. A vent valve west of the check valve was throttled open to facilitate flow. The evolution was stopped after 2 hours when the tankerman on the Jet Trader felt (by hose pulsing) that they were drawing more air than residual oil. The next evolution was to remove oil from the pipe east of the check valve. The Jet Trader was repositioned and Ken's Marine was called to boom the Jet Trader. The Jet Trader's suction hose was attached to a 3/4" drain at the east end of the line. Gate valves P61 and V049 were open, the MOV Emergency Shut Down Valve was closed (this valve remained closed during all phases of this evolution) and the vent valves east and west of the check valve were throttled open. Prior to start applying vacuum, the Shift Supervisor and one of the OMA's left the dock for approximately 20 minutes to get some flexible hoses to apply steam to the line for a later stage. After 10 to 15 minutes of suction, the two OMA's dedused that because they felt suction at the vents with the vacuum in progress, the line was empty and pressure free, and that the line was clear enough to remove the cover on the check valve. The area around the check valve had plastic sheeting and pads deployed to minimize any residual oil that might spill during removal of the check valve cover and flapper. The OMA's were in the process of loosening the bolts on the check valve cover when the cover "popped" and sprayed about 1 gallon of No. 6 oil about 5 feet in a northerly direction. The oil went past the pre-deployed pads which were positioned to reach approximately 2 feet in all four directions from the check valve. The oil seeped through voids in the pier deck timbers and entered the water within the boomed area.ROOT CAUSES:1. There had been no written procedure that detailed the steps of this evolution, along with indicators that each step was successful.2. There was no proof positive that the line was pressure free.3. The OMA's did not realize that having the vent valve west of gate valve P61 open "short-circuited" the suction process and left residual oil in the section west of the vent valve. The OMAs didn't realize that suction at the two vent valves was not an indicator that the oil line was pressure free.4. A leg of oil (approx 2 feet of head) probably existed immediately east of the check valve.5. The leg of oil probably dropped, flooding the 6" suction line enabling a pressure condition at the check valveCORRECTIVE ACTION:Operations needs to develop a written procedure for this and other non-routine dock evolutions.

Remarks: NRC NUMBER 623389 - CLEAN UP IN PROGRESS

Material:

Site ID:	286751
Operable Unit ID:	859031
Operable Unit:	01
Material ID:	516983
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

59TH ST STATION (Continued) **S104503157**

Tank Test:

Facility ID:	0106307
DER Facility ID:	232366
Facility Type:	ER
Site ID:	165591
DEC Region:	2
Spill Date:	9/13/2001
Spill Number/Closed Date:	0106307 / 9/10/2004
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	9/14/2001
CID:	282
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/14/2001
Spill Record Last Update:	9/10/2004
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY -
Spiller Company:	001
Contact Name:	SEN MCKEEVER
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"e2mis no. 139446:EI Richard Ostrowski found the remains of spilt dielectric fluid on the floor of retired reactor room. Station Environmental was notified to make arrangements for chem lab sampling for PCB. Clean up and maintenance work will commence after sample results are known. Grab sample of floor and tape connection for PCBsLab Sequence # 01-09546-001 Dated 09/30/01Total PCB 4 ppmGrab Sample from Cable B-Phase @ Terminal Connection for PCBsLab Sequence # 01-09546-00 Dated 09/30/01Total PCB 43 ppmClean-up completed 10/01/0 - Cable terminal wrapped and sealed to prevent further leaching of oil from retired cable.
Remarks:	LEAKING CABLE CAUSED THE SPILL SPILL WAS 1 OUNCE SPILL NOT CLEANEDAS PHONE CALL.

Material:

Site ID:	165591
Operable Unit ID:	844636
Operable Unit:	01
Material ID:	531169
Material Code:	0541A
Material Name:	DIELECTRIC FLUID

59TH ST STATION (Continued) **S104503157**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

BI566 **BARGE DBL-2202** **NY LTANKS** **S102145236**
NNW **59TH ST GENERATING STATION** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.362 mi.
1912 ft. **Site 2 of 5 in cluster BI**

Relative:
Lower

Actual:
7 ft.

LTANKS:

Site ID:	286752
Spill Number/Closed Date:	0210959 / 10/12/2004
Spill Date:	2/1/2003
Spill Cause:	Tank Overfill
Spill Source:	Vessel
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2/1/2003
CID:	297
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/1/2003
Spill Record Last Update:	10/12/2004
Spiller Name:	Not reported
Spiller Company:	K C MARINE
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	LARRY COSTA
Spiller Phone:	(212) 580-6763
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	267401
DEC Memo:	e2mis no. 147-004:AT 0909 HRS THERE WAS AN APPROX 10 GAL OIL SPILL ON THE DECK OF THE FUEL DELIVERY BARGE "DBL-2202" OWNED BY "K-SEA MARINE". SPILL OCCURED AT BARGE STERN FROM THE #5 PORT AND #5 STARBOARD TANK ULAGE HOLES. ALL OIL IS CONTAINED ON THE DECK OF THE

BARGE DBL-2202 (Continued) **S102145236**

BARGE AND NO OIL ENTERED ANY WATER WAY. ALL OIL SCUPPER STOPS WERE IN PLACE. BARGE CAPT J MIGLIORE NOTIFIED DISPATCHER OF THE SPILL. VENDOR HAVING THEIR FORCES CLEAN UP SPILL AT PIER 98. K-SEA MARINE OPERATIONS MANAGER ED ERNIE AND FOUR CLEAN-UP PERSONNEL ON SITE AT 1145 AT PIER 98. CLEAN-UP CONTRACTOR IS "CLEAN WATERS".

Remarks: CON ED STATES THE BARGE #BL2202 IS DOCKED AT THE ABOVE LOCATION AND APPARENTLY IT'S FUEL TANKS WERE OVERFILLED - SPILL HAS BEEN CONTAINED AND A CLEAN UP TEAM IS ENROUTE TO THE SITE / NO CON ED SPILL # AT THIS TIME

Material:

Site ID:	286752
Operable Unit ID:	862013
Operable Unit:	01
Material ID:	514326
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BJ567 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S100167579**
WSW **711 12TH AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.362 mi.
1912 ft. **Site 1 of 4 in cluster BJ**

Relative:
Lower

Actual:
10 ft.

LTANKS:

Site ID:	195532
Spill Number/Closed Date:	8804962 / 3/5/2003
Spill Date:	9/7/1988
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	9/7/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/8/1988
Spill Record Last Update:	3/19/2003

CLOSED-LACKOF RECENT INFO (Continued) **S100167579**

Spiller Name:	Not reported
Spiller Company:	NYC/PORT AUTH. OF NY/NJ
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	279166
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"03/05/2003- Closed Due To The Nature / Extent Of The Spill Report
Remarks:	7.5K TANK SYSTEM FAILED HORNER EZY WITH A LEAK RATE OF .07996GPH, LEAKIS POSSIBLY FROM ABOVEGROUND PIPING, TO PUMP TANK AND INVESTIGATE.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

Material:

Site ID:	195532
Operable Unit ID:	922131
Operable Unit:	01
Material ID:	456884
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	195532
Spill Tank Test:	1534573
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

BI568 **GENERATING STATION** **NY Spills** **S111317885**
NNW **850 12TH AVE** **NY SPDES** **N/A**
1/4-1/2 **NEW YORK, NY** **NY MOSF**
0.362 mi.
1912 ft. **Site 3 of 5 in cluster BI**

Relative:
Lower

Actual:
7 ft.

SPILLS:

Facility ID:	0806577
DER Facility ID:	353094
Facility Type:	ER
Site ID:	403863

GENERATING STATION (Continued) **S111317885**

DEC Region:	2
Spill Date:	9/11/2008
Spill Number/Closed Date:	0806577 / 12/19/2008
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	9/11/2008
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/11/2008
Spill Record Last Update:	12/19/2008
Spiller Name:	ERT
Spiller Company:	CON ED
Spiller Address:	850 12TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	999
Contact Name:	ERT
Contact Phone:	(212) 580-8383
DEC Memo:	12/19/08 - Austin - Received final EMIS, and spill reported as contained and cleaned up - closed - end
Remarks:	CALLER STATES THAT 1 OZ OF LUBE OIL WAS SPILLED DUE TO EQUIPMENT RETIREMENT. SPILL IS CONFINED TO A TRENCH, THAT IS IN A CONFINED SPACE, CLEAN UP IS PENDING.

Material:

Site ID:	403863
Operable Unit ID:	1160547
Operable Unit:	01
Material ID:	2151722
Material Code:	0013
Material Name:	Lube Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	1105149
DER Facility ID:	353094
Facility Type:	ER
Site ID:	452788

GENERATING STATION (Continued) **S111317885**

DEC Region:	2
Spill Date:	8/4/2011
Spill Number/Closed Date:	1105149 / 9/23/2011
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	8/4/2011
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/4/2011
Spill Record Last Update:	9/23/2011
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	ERT
Contact Phone:	(212) 580-8383
DEC Memo:	9/23/11 - Austin - Several ounces of #6 oil leaked out of old unused pipe - Con Ed contained and cleaned up the spill - See eDocs files for further information - Spill closed - end
Remarks:	3 oz onto concrete floor - cleanup pending

Material:

Site ID:	452788
Operable Unit ID:	1202957
Operable Unit:	01
Material ID:	2199565
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	2.9999999999999
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0505230
DER Facility ID:	270786
Facility Type:	ER
Site ID:	350181
DEC Region:	2

GENERATING STATION (Continued) **S111317885**

Spill Date:	7/29/2005
Spill Number/Closed Date:	0505230 / 1/10/2008
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	7/29/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/29/2005
Spill Record Last Update:	1/10/2008
Spiller Name:	Not reported
Spiller Company:	UNKNOWN AT THIS TIME:
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	ERT DESK'
Contact Phone:	(212) 580-8383
DEC Memo:	01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.e2mis no 160138SUBSTANCE- LUBRICATING TYPE OILAMT- 3 OZSOURCE- BASEMENT RESIDUALSCAUSE-PAST SPILLStop layer of lubricating oil was discovered on 7/29 @ 12:15 in sump #3 , annex basement. sump is about 4 ft deep and was full of water. work order tag written to troubleshoot discharge pumps. pads were placed and cleanup began soon after. oily water separator was inspected for signs of sheen. tanks water surface appeared clear. spill is contained at sump.
Remarks:	NO TO 5 QUESTIONS: CLEANED UP: 2 OUNCES; CONED # 160138

Material:

Site ID:	350181
Operable Unit ID:	1107761
Operable Unit:	01
Material ID:	2097650
Material Code:	0013
Material Name:	Lube Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9903007

GENERATING STATION (Continued) **S111317885**

DER Facility ID:	282300
Facility Type:	ER
Site ID:	286764
DEC Region:	2
Spill Date:	6/15/1999
Spill Number/Closed Date:	9903007 / 5/18/2000
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	6/15/1999
CID:	389
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/15/1999
Spill Record Last Update:	6/8/2000
Spiller Name:	MR. CLARKE
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY 10003
Spiller Company:	001
Contact Name:	MR CLARKE
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"DEC Inspector Notes:6/16/99: Lewis Terry, Env. Mgr. - contractor cleaned up- generated 4 drums of sorbent waste. Spill was inside concrete moat, no release to environment. Spill size was estimated. Steve Sangesland may have responded off hours. 11:25am: S.Sangesland confirmed size of spill and containment. 6/15: con ed 850 12th ave @ 59st (west), 20 gal #6 fuel oil spill outside contractor called spill time 1705 call time : 1849 --Brian Clark.Pressure dropped off, crack in weld of #3 fuel oil pump discharge relief valve, notified clean ventures - services required for clean up. All state power VAC responded to request for spill cleanup, cleanup was completed and oily debris contained in drums for later disposal. Source of leak analyzed and repairs underway.
Remarks:	fuel oil was spilled due to a malfunctioning oil pump remount pigs and pads have been laid down and outside contractor was called in

Material:

Site ID:	286764
Operable Unit ID:	1077602
Operable Unit:	01
Material ID:	302934
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20

GENERATING STATION (Continued) **S111317885**

Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0501381
DER Facility ID:	270786
Facility Type:	ER
Site ID:	345517
DEC Region:	2
Spill Date:	5/4/2005
Spill Number/Closed Date:	0501381 / 7/8/2005
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	5/4/2005
CID:	444
Water Affected:	HUDSON RIVER
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/4/2005
Spill Record Last Update:	7/8/2005
Spiller Name:	ERT DESK
Spiller Company:	WEST 59TH GENERATING STAT
Spiller Address:	850 12TH AVE.
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	e2mis no 158408Whilr preparing dock fuel oil pipeline for yearly hydrostatic test, line had been blown back to day tanks with compressed air and check valve clappers had been removed by operations for water fill. while performing final air blowback @ 08:30 on 05/04, east check valve plug defected (under investigation) and about 1 gallon of fuel oil sprayed southside of pier. 1 oz within boom in waterway, 7 oz along nw edge of gcs230 and 8 oz on pier. blowback ceased, pier cleanup begun immediately and check valve plug re-inserted for line integrity. cig and ert notified. ken's marine contacted for spill cleanup along barge and in waterway. incident under station control. hydro test will begin after system check.barge master and environmental manager agreed on having ken's marine use hotsy equipment to clean side of barge and south section of pier. cleanup completed and waste containered on dock @ 14:00. it was determined that east check valve hinge plug had not been adequately tightened after removal of the clapper. jllROOT CAUSE:

GENERATING STATION (Continued) **S111317885**

Human error. Plug on outside of check valve was not adequately tightened after removal of clapper.CORRECTIVE ACTION: Added step to hydrostatic test procedure to ensure that plugs are tightened after clspper removal and clapper replacement. Updated by J. Burke 03-JUN-2005.Closed. 7-8-05. George Breen

Remarks: leaked from a check valve from pier #98: about 1 ounce went into river:

Material:

Site ID:	345517
Operable Unit ID:	1103235
Operable Unit:	01
Material ID:	583447
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

SPDES:

Permit Number:	NY0005134
State-Region:	02
Expiration Date:	04/30/2016
Current Major Minor Status:	Major
Primary Facility SIC Code:	4961
State Water Body Name:	HUDSON R
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	70.040000
Total App Design Flow(MGD):	Not reported
UDF1:	DMR
Lat/Long:	40.77075 / -73.993694
DMR Cognizant Official:	YI-CHANG SHAO
UDF2:	001301
UDF3:	I
FIPS County Code:	NY061

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	CON ED CHEM LAB, BLDG 138 Q137
Non-Gov Permit Street Address:	59TH STREET STEAM STATION
Non-Gov Permit Supplemental Location:	4 IRVING PLACE, ROOM 1325
Non-Gov Permit City:	NEW YORK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10003
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	CONSOLIDATED EDISON CO OF NY
Non-Gov Facility Street Address:	59TH STREET STEAM STATION

GENERATING STATION (Continued) **S111317885**

Non-Gov Facility Supplemental Location: 850 12TH AVE
Non-Gov Facility City: NEW YORK
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10019
State Water Body: 02030101180

UDF2: 001301
UDF3: I
FIPS County Code: NY061

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: CON ED CHEM LAB, BLDG 138 Q137
Non-Gov Permit Street Address: 59TH STREET STEAM STATION
Non-Gov Permit Supplemental Location: 4 IRVING PLACE, ROOM 1325
Non-Gov Permit City: NEW YORK
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 10003
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: CONSOLIDATED EDISON CO OF NY
Non-Gov Facility Street Address: 59TH STREET STEAM STATION
Non-Gov Facility Supplemental Location: 4 IRVING PL, 15TH FL
Non-Gov Facility City: NEW YORK
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10003
State Water Body: 02030101180

UDF2: 001301
UDF3: I
FIPS County Code: NY061

Non-Gov Permit Affiliation Type Desc: Permittee
Non-Gov Permit Org Formal Name: CONSOLIDATED EDISON CO OF NY
Non-Gov Permit Street Address: 4 IRVING PL, 15TH FL
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: NEW YORK
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 10003
Non-Gov Facility Affiliation Type Desc: Mailing Address
Non-Gov Facility Org Formal Name: CONSOLIDATED EDISON CO OF NY
Non-Gov Facility Street Address: 59TH STREET STEAM STATION
Non-Gov Facility Supplemental Location: 850 12TH AVE
Non-Gov Facility City: NEW YORK
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10019
State Water Body: 02030101180

UDF2: 001301
UDF3: I
FIPS County Code: NY061

Non-Gov Permit Affiliation Type Desc: Permittee
Non-Gov Permit Org Formal Name: CONSOLIDATED EDISON CO OF NY
Non-Gov Permit Street Address: 4 IRVING PL, 15TH FL
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: NEW YORK
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 10003

GENERATING STATION (Continued) **S111317885**

Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: CONSOLIDATED EDISON CO OF NY
Non-Gov Facility Street Address: 59TH STREET STEAM STATION
Non-Gov Facility Supplemental Location: 4 IRVING PL, 15TH FL
Non-Gov Facility City: NEW YORK
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10003
State Water Body: 02030101180

MOSF:
Facility ID: 0-0535
Program Type: MOSF
Tank Status: Inactive
Expiration Date: N/A
Dec Region: 2
UTMX: Not reported
UTMY: Not reported

Facility ID: 0-0537
Program Type: MOSF
Tank Status: Inactive
Expiration Date: N/A
Dec Region: 2
UTMX: Not reported
UTMY: Not reported

Facility ID: 0-0540
Program Type: MOSF
Tank Status: Inactive
Expiration Date: N/A
Dec Region: 2
UTMX: Not reported
UTMY: Not reported

Facility ID: 0-0845
Program Type: MOSF
Tank Status: Inactive
Expiration Date: N/A
Dec Region: 2
UTMX: Not reported
UTMY: Not reported

BE569 **WEST 61ST STREET SITE** **NY BROWNFIELDS** **S106704107**
NNE **229-251 WEST 60TH, ST., & 218-240 WEST 61TH ST.** **N/A**
1/4-1/2 **NEW YORK, NY 10023**
0.364 mi.
1920 ft. **Site 2 of 2 in cluster BE**

Relative:
Higher

Actual:
38 ft.

BROWNFIELDS:
Program: BCP
Site Code: 332564
Site Description: The Site is situated on an approximately 1.09-acre area bounded by West 61st Street to the north, West 60th Street to the south, the Track 4 area, a school, and a residential building to the east, and residential buildings, a school, and a commercial automobile parking garage to the west. The Site is located in the County of New York, New York and is identified as Block 1152 and former Lots 5, 8, 10, 11, 12, 13, part of 43, 52, 53, and 55 (current Lot 8 and part of Lot

WEST 61ST STREET SITE (Continued) **S106704107**

13) on the New York City Tax Map. The street address of this Site is 229-251 West 60th Street and 218-240 West 61st Street, New York, NY 10023.The results of the remedial investigation, conducted at the Site during 2005, indicated several areas of concern within the Site, associated with past on-site uses. Former Site uses included a gasoline station, an automobile repair shop, an iron works, and automobile parking areas. Several aboveground storage tanks (ASTs) and the likelihood of several USTs were noted during the Phase I ESA. A commercial-industrial facility located east of former Lot 13, which produced buttons and fabric, was noted in the report. Records indicated that the facility utilized two petroleum storage tanks during its operation from 1926 to 2003. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood. The proposed development on the Site includes the construction of a mixed-use residential and office complex with a parking garage. The proposed project will contain a total of 384,000 gross square feet of residential space (buildings would be a 27 story tower with two lower and mid-rise components of 9 and 14 stories), totaling approximately 505 units; 31,000 gross square feet of medical office space; court yard area with tennis court and an underground garage for 282 parking spaces. The remedial program was conducted in accordance with the March 2006 Remedial Work Plan and included excavation, removal of all soil within the Site boundary to the bedrock (8-22 feet deep) and transportation and disposal at off-site approved facilities. A total of twenty-six (26) tanks, including ASTs and USTs, were encountered during demolition, excavation, and remediation activities on the Site. All twenty-six tanks encountered on-site were removed for off-site disposal/recycling. Contaminated groundwater was removed for off-site disposal. A waterproofing layer has been installed beneath the new construction. The Remedial construction was completed in November 2007. A Final Engineering Report was approved on December 21, 2007 for a Track 1 cleanup for unrestricted Site usage. Redevelopment of the Site is on-going. A Certification of Completion was issued on December 21, 2007.

Env Problem: June 2003 Phase I Environmental Assessment Report identified environmental conditions for the site and indicated evidence of up to 16 storage tanks (UST/ASTs) were present. These tanks were used for storing gasoline, fuel oils, lubricants, waste oils and other materials. These operations have resulted in environmental contamination. Remedial Investigation commenced in late summer of 2005 and was completed by January 2006. The Remedial Investigation Report (RIR) indicated the presence of seven on-site areas of concern. These areas include (1) three locations where underground storage tanks were discovered, (2) one location of elevated lead in the soil (Lot 43), (3) one location where acetone-contaminated soil (Lot 5) was detected, (4) one location of a suspected vaulted tank in a former basement, and (5) one location of petroleum-contaminated soil and groundwater. Groundwater contained benzene, two pesticides and several metals above groundwater standards. The primary contaminants and impacted media at the site include an area of petroleum-contaminated soil; historical fill containing atypical concentrations of contaminants (e.g. metals and SVOCs); and limited VOCs, pesticides and metals in groundwater. An Interim Remedial Measure (IRM) work plan was prepared in February 2006 to investigate and remove some of the areas of concerns identified in RI report. Exceedances of standards, criteria and guidance primarily include total VOCs (max: 8,900 ug/ kg), total SVOCs (max: 243,260 ug/ kg) and

WEST 61ST STREET SITE (Continued) **S106704107**

some metals (including lead (max: 2980 mg/kg), chromium (max: 278 mg/Kg), mercury (max: 2.5 mg/kg) and arsenic (max: 16.8 mg/ kg)) for soil and VOCs in groundwater (benzene at 20 ppb; toluene at 5.8 ppb, ethylbenzene at 8.3 ppb and xylene at 33 ppb) and one SVOC (naphthalene at 13 ppb), low levels of metals and low levels of two pesticides (4,4"-DDD and heptachlor epoxide). A Remedial Action Work Plan (RAWP) was prepared in April 2005 to address all contamination from this property including underground tanks and associated contaminated soils, petroleum-contaminated soils, historic fill and C & D debris. Remediation proceeded for Track 1 Cleanup standards for unrestricted usage. A total of 36,617 tons of petroleum-contaminated soil, 77 tons of characteristic hazardous waste (lead) soil, 43,961 tons of soil containing low-level contaminants, and 1,892 tons of soil containing rock and/or concrete pieces greater than 8 inches were excavated and disposed of off-site. Twenty-six (26) tanks, including ASTs and USTs, were encountered during demolition, excavation, and remediation activities on the Site. All 26 tanks were removed for off-site disposal/ recycling. Approximately 533,490 gallons of groundwater were pumped through the filter system and approximately 888,897 gallons were transported via tanker trucks for off-site disposal. All on-site sources of groundwater contamination were removed during remedial activities. The sub-grade slabs and foundation walls are waterproofed with a barrier and seal system, which also functions as a vapor barrier.All remediation is completed and a Final Engineering Report was approved on December 21, 2007.The site does not present a significant threat to the environment.

Health Problem: Volatile and semi-volatile compounds are present in soils at this site. Exposure to groundwater is not likely since the area is served by public water. The site is paved and is currently used as a parking lot, therefore current exposure to contaminated soils is unlikely. Soils will be removed and excavated to bedrock thereby removing all site-related contamiantion. Soil vapor intrusion into the proposed building will be unlikely since all contamination is being removed as part of the remedy. A soil vapor survey was conducted at the perimeter of the site to evaluate the potential for off-site receptors to be effected. Low levels of volatile organic compounds were detected, but the concentrations do not pose a health concern.

BD570 **612 W 45TH ST/UPS** **NY LTANKS** **S102671711**
SW **612 W 45TH ST** **N/A**
1/4-1/2 **NYC, NY**
0.364 mi.
1921 ft. **Site 4 of 4 in cluster BD**

Relative:
Lower

Actual:
15 ft.

LTANKS:

Site ID:	139981
Spill Number/Closed Date:	9104075 / 2/12/2003
Spill Date:	7/15/1991
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates a file or hazard. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	7/16/1991

612 W 45TH ST/UPS (Continued) **S102671711**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/17/1991
Spill Record Last Update:	2/12/2003
Spiller Name:	Not reported
Spiller Company:	UPS
Spiller Address:	643 W 43RD ST
Spiller City,St,Zip:	NY, NY 10036
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	119559
DEC Memo:	Not reported
Remarks:	DISCOVERED CONTAMINATED SOIL WHILE REMOVING 12 550 GAL TANKS. 2 HAD VISIBLE CORROSION & LEAKS. SOIL BEING STOCKPILED AND SAMPLED FOR DISPOSAL SITE

Material:

Site ID:	139981
Operable Unit ID:	957968
Operable Unit:	01
Material ID:	423174
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

571
ENE
1/4-1/2
0.378 mi.
1997 ft.

356 WEST 58TH ST **NY LTANKS S102662806**
356 WEST 58TH STREET **NY Spills N/A**
MANHATTAN, NY

Relative: Higher

Actual: 82 ft.

LTANKS:

Site ID:	291405
Spill Number/Closed Date:	9612092 / 1/8/1997
Spill Date:	1/8/1997
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported

356 WEST 58TH ST (Continued) **S102662806**

Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1/8/1997
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/8/1997
Spill Record Last Update:	1/9/1997
Spiller Name:	JIM CAREY
Spiller Company:	CASTLE OIL CORPORATION
Spiller Address:	290 LOCUST AVE
Spiller City,St,Zip:	BRONX, NY
Spiller County:	001
Spiller Contact:	HENRY HUDSON HOTEL
Spiller Phone:	(212) 554-6000
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	115546
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	storage tank overfill.

Material:

Site ID:	291405
Operable Unit ID:	1039966
Operable Unit:	01
Material ID:	556394
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	9313467
DER Facility ID:	115546
Facility Type:	ER
Site ID:	134465
DEC Region:	2
Spill Date:	2/16/1994
Spill Number/Closed Date:	9313467 / 2/16/1994
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response.

356 WEST 58TH ST (Continued) **S102662806**

Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: CAMMISA
Referred To: Not reported
Reported to Dept: 2/16/1994
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: 2/16/1994
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2/17/1994
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: Not reported
Spiller City,St,Zip: ***UPDATE***, ZZ
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: HOSE JUMPED OUT OF FILL PORT - CONTAINED ON SIDEWALK - CREW ENROUTE TO CLEAN UP.

Material:
Site ID: 134465
Operable Unit ID: 991918
Operable Unit: 01
Material ID: 388849
Material Code: 0003A
Material Name: #6 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

572
SSE
1/4-1/2
0.381 mi.
2013 ft.

346 WEST 48TH ST **NY LTANKS** **S102672759**
346 WEST 48TH ST **N/A**
MANHATTAN, NY

Relative:
Higher

Actual:
50 ft.

LTANKS:
Site ID: 291396
Spill Number/Closed Date: 9413070 / 12/30/1994
Spill Date: 12/30/1994
Spill Cause: Tank Overfill
Spill Source: Unknown

346 WEST 48TH ST (Continued) **S102672759**

Spill Class:	Not reported
Cleanup Ceased:	12/30/1994
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	12/30/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/31/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NN
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	235949
DEC Memo:	Not reported
Remarks:	DRIVER WAS CALLED TO FILL UP TANK, THE TANK HAD ALREADY BEEN FILLED BY ANOTHER COMPANY, (UNKNOWN TO DRIVER)- GEMINI TRUCKING HAS PEOPLE ON THE WAY WITH SPEEDY DRY TO CLEAN UP . NO CALL BACK

Material:

Site ID:	291396
Operable Unit ID:	1010589
Operable Unit:	01
Material ID:	375350
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BH573 **SERVICE STATION** **NY LTANKS** **S103037879**
SSW **624 10TH AVE** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.387 mi.
2041 ft. **Site 2 of 2 in cluster BH**

Relative:
Higher

Actual:
29 ft.

LTANKS:

Site ID:	118089
Spill Number/Closed Date:	9713164 / 12/22/1998
Spill Date:	2/25/1998
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	2/25/1998
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2/25/1998
Spill Record Last Update:	2/25/1999
Spiller Name:	JP YOUNG
Spiller Company:	JP YOUNG
Spiller Address:	408 8TH AVE SUITE 206
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	FLORA GANDELMAN
Spiller Phone:	(212) 582-5790
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	102645
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"CONTAMINATED SOILS EXCAVATED DOWN TO BEDROCK SURFACE. BEDROCK INSPECTED BY MULQUEEN. BEDROCK SURFACE HAD CHANNELS CUT IN IT AND GROUNDWATER WAS DIRECTED TO SEWER SYSTEM. NO FURTHER ACTIONS REQUIRED.
Remarks:	pulling tanks vapor complaints from neighbors

Material:

Site ID:	118089
Operable Unit ID:	1059246
Operable Unit:	01
Material ID:	324191
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

SERVICE STATION (Continued) **S103037879**

Oxygenate: False

Tank Test:

BI574 **BARGE: SAWKILL/59 TH STREET GENERATING ST.** **NY MOSF** **S108413298**
North **950 12TH AVENUE** **N/A**
1/4-1/2 **NEW YORK, NY 10019**
0.392 mi.
2068 ft. **Site 4 of 5 in cluster BI**

Relative:
Lower

Actual:
6 ft.

MOSF:
Facility ID: 0-0536
Program Type: MOSF
Tank Status: Inactive
Expiration Date: N/A
Dec Region: 2
UTMX: Not reported
UTMY: Not reported

BJ575 **PIER 90/MANHATTAN** **NY LTANKS** **S100145208**
WSW **PIER 90/MANHATTAN** **N/A**
1/4-1/2 **NEW YORK, NY**
0.393 mi.
2073 ft. **Site 2 of 4 in cluster BJ**

Relative:
Lower

Actual:
3 ft.

LTANKS:
Site ID: 329573
Spill Number/Closed Date: 8804853 / 11/14/1994
Spill Date: 9/1/1988
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 11/14/1994
Cleanup Meets Standard: False
SWIS: 3101
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 9/1/1988
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 9/2/1988
Spill Record Last Update: 10/2/2002
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported

PIER 90/MANHATTAN (Continued) **S100145208**

Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 265152
DEC Memo: Not reported
Remarks: 7.5K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK.

Material:
Site ID: 329573
Operable Unit ID: 919978
Operable Unit: 01
Material ID: 456781
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 329573
Spill Tank Test: 1534556
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

BI576 **59TH ST & 12TH AVE/CONED** **NY LTANKS** **S105053968**
North **59TH ST & 12TH AVE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.393 mi.
2077 ft. **Site 5 of 5 in cluster BI**

Relative:
Lower

Actual:
6 ft.

LTANKS:
Site ID: 292521
Spill Number/Closed Date: 8804215 / 8/12/1988
Spill Date: 8/12/1988
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: 8/12/1988
Cleanup Meets Standard: True
SWIS: 3101
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 8/12/1988
CID: Not reported
Water Affected: HUDSON RIVER
Spill Notifier: Responsible Party
Last Inspection: Not reported

59TH ST & 12TH AVE/CONED (Continued) **S105053968**

Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/22/1988
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	236793
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
Remarks:	TANK WAS OVERFILLED DUE TO OPERATOR ERROR, SPILL TRAVELLED INTO FLOOR DRAIN WHICH HAD DIRECT CONNECTION TO STORM SEWER, LESS THAN 20 GALLONSGOT INTO RIVER.

Material:

Site ID:	292521
Operable Unit ID:	921390
Operable Unit:	01
Material ID:	456169
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200
Units:	Gallons
Recovered:	180
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

577
NNE
1/4-1/2
0.395 mi.
2086 ft.

30 WEST END AVE **NY LTANKS** **S102673209**
30 WEST END AVE **N/A**
NEW YORK, NY

Relative:
Higher

Actual:
26 ft.

LTANKS:

Site ID:	254649
Spill Number/Closed Date:	9513427 / 1/24/1996
Spill Date:	1/24/1996
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	KSTANG

30 WEST END AVE (Continued) **S102673209**

Referred To:	Not reported
Reported to Dept:	1/24/1996
CID:	349
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/24/1996
Spill Record Last Update:	2/5/1996
Spiller Name:	JOHN GOODWIN
Spiller Company:	MYSTIC BULK CARRIERS INC
Spiller Address:	19-01 STEINWAY
Spiller City,St,Zip:	ASTORIA, NY 11105-
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	208570
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	caller does not name of business - spill has been cleaned up

Material:

Site ID:	254649
Operable Unit ID:	1024393
Operable Unit:	01
Material ID:	357150
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	20
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

578
ESE
1/4-1/2
0.396 mi.
2091 ft.

Relative: Higher

Actual: 68 ft.

MIDTOWN NORTH PRECINCT NYPD -DDC **NY LTANKS** **S100559999**
306 WEST 54TH STREET **N/A**
MANHATTAN, NY

LTANKS:

Site ID:	221957
Spill Number/Closed Date:	9302675 / 3/25/2002
Spill Date:	5/27/1993
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

MIDTOWN NORTH PRECINCT NYPD -DDC (Continued) **S100559999**

Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	5/27/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	6/4/1993
Spill Record Last Update:	12/23/2004
Spiller Name:	Not reported
Spiller Company:	NY POLICE DEPT.
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	225403
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"10/10/95: This is additional information about material spilled from the translation of the old spill file: TTF.03/25/2002. REMEDIATION COMPLETED UNDER DDC OREDER OF CONSENT. SEE FILE FOR DETAILS.
Remarks:	NO ACTIONS TAKEN FOLLOWING FAILURE - NO CALL BACK - RE-TEST.

Material:

Site ID:	221957
Operable Unit ID:	981002
Operable Unit:	01
Material ID:	399791
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	221957
Spill Tank Test:	1541599
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills

MIDTOWN NORTH PRECINCT NYPD -DDC (Continued) **S100559999**

Last Modified:	10/1/2004
Test Method:	Unknown
Site ID:	277306
Spill Number/Closed Date:	9303944 / 3/25/2002
Spill Date:	6/28/1993
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	6/28/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	6/29/1993
Spill Record Last Update:	3/25/2002
Spiller Name:	Not reported
Spiller Company:	NYC - RAVI
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	225403
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"INITIALLY ASSIGNED TO S. MILLER. TRANSFERRED TO J. KRIMGOLD AS PART OF DDC CONSENT ORDER.
Remarks:	TO REPAIR - RETESTSAME AS SPILL # 9302675.

Material:

Site ID:	277306
Operable Unit ID:	985650
Operable Unit:	01
Material ID:	397477
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

MIDTOWN NORTH PRECINCT NYPD -DDC (Continued) **S100559999**

Tank Test:

Site ID:	277306
Spill Tank Test:	1541709
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	277307
Spill Number/Closed Date:	9408524 / 3/25/2002
Spill Date:	9/27/1994
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	9/27/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/31/1994
Spill Record Last Update:	12/23/2004
Spiller Name:	Not reported
Spiller Company:	NYC PD-MIDTOWN NORTH PCT
Spiller Address:	306 W. 54TH STREET
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	225403
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"3/25/2002. REMEDIATION COMPLETED UNDER DDC ORDER OF CONSENT. SEE FILE FOR DETAILS.
Remarks:	U/S TANK SUSPECTED OF LEAKAGE-ONGOING GASOLINE ODOR AT SITE FOR ONE TO ONE AND HALF YEARS

Material:

Site ID:	277307
Operable Unit ID:	1006221
Operable Unit:	01
Material ID:	377965

MIDTOWN NORTH PRECINCT NYPD -DDC (Continued) **S100559999**

Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	277305
Spill Number/Closed Date:	9210368 / 3/31/1995
Spill Date:	12/8/1992
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	3/31/1995
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	11/8/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/8/1992
Spill Record Last Update:	3/31/1995
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	225403
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"10/10/95: This is additional information about material spilled from the translation of the old spill file: STRONG FUMES.
Remarks:	ON GOING FOR ABOUT 1YR,DELIVERY MADE TO SITE-DELIVERY PERSON OVERFILLS AND SHUTTS OFF OVERFILL ALARM-SPILLAGE COMES OUT OF VENT NEAR DISPENSER ISLAND,POLICE LOUNGE SMELLS LIKE GASOLINE

Material:

Site ID:	277305
Operable Unit ID:	974627
Operable Unit:	01

MIDTOWN NORTH PRECINCT NYPD -DDC (Continued) **S100559999**

Material ID:	403833
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BK579 **HOWARD JOHNSON** **NY LTANKS** **S102671385**
ESE **869 8TH AVENUE** **N/A**
1/4-1/2 **NEW YORK, NY**
0.401 mi.
2117 ft. **Site 1 of 2 in cluster BK**

Relative:
Higher

Actual:
63 ft.

LTANKS:

Site ID:	74516
Spill Number/Closed Date:	8900473 / 12/4/1992
Spill Date:	4/15/1989
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	12/4/1992
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	4/14/1989
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/18/1989
Spill Record Last Update:	9/26/2002
Spiller Name:	Not reported
Spiller Company:	HESS
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	69910
DEC Memo:	Not reported
Remarks:	SPILL CONTAINED & CLEANED UP WITH SPEEDY DRY, CUSTOMER OVER ORDERED.

HOWARD JOHNSON (Continued) **S102671385**

Material:

Site ID:	74516
Operable Unit ID:	926884
Operable Unit:	01
Material ID:	451808
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BL580 **NY LTANKS** **S104620052**
SE **305 W. 50TH ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.401 mi.
2117 ft. **Site 1 of 2 in cluster BL**

Relative:
Higher

Actual:
59 ft.

LTANKS:

Site ID:	75261
Spill Number/Closed Date:	9815045 / 3/19/1999
Spill Date:	3/19/1999
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	3/19/1999
CID:	322
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/19/1999
Spill Record Last Update:	3/19/1999
Spiller Name:	ROCKY VENUTO
Spiller Company:	T AND S TRUCKING
Spiller Address:	53 2ND AVE
Spiller City,St,Zip:	BROOKLYN, NY 11215-
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	70467

(Continued) **S104620052**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO"
Remarks: DEFECTIVE GAUGE CAUSED DRIVER TO OVERFILL TANK - SPILL ON SIDEWALKAND HAS BEEN CLEANED UP

Material:
Site ID: 75261
Operable Unit ID: 1072901
Operable Unit: 01
Material ID: 308166
Material Code: 0003A
Material Name: #6 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

BG581 **CON ED - V 3685** **RCRA NonGen / NLR** **1007205266**
SSW **522 W 44 ST** **NY LTANKS** **NYP000928358**
1/4-1/2 **NEW YORK, NY 10036** **NY MANIFEST**
0.402 mi. **NY Spills**
2122 ft. **Site 2 of 2 in cluster BG**

Relative:
Lower

Actual:
19 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/28/1998
Facility name: CON ED - V 3685
Facility address: 522 W 44 ST
NEW YORK, NY 100360000
EPA ID: NYP000928358
Mailing address: CONSOLIDATED EDISON INC
4 IRVING PLACE - ROOM 300
NEW YORK, NY 100030000
Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC
NEW YORK, NY 100030000
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

CON ED - V 3685 (Continued) **1007205266**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/27/1998
Facility name: CON ED - V 3685
Classification: Not a generator, verified

Date form received by agency: 02/26/1998
Facility name: CON ED - V 3685
Classification: Large Quantity Generator

Violation Status: No violations found

LTANKS:
Site ID: 90896
Spill Number/Closed Date: 8901904 / Not Reported
Spill Date: 5/24/1989
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 4/28/2005
Cleanup Meets Standard: False
SWIS: 2401
Investigator: RVKETANI
Referred To: 032913 APPRVD 032213 PROGRESS REPORT
Reported to Dept: 5/24/1989
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: 2/28/2008
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 4
Date Entered In Computer: 5/25/1989
Spill Record Last Update: 3/29/2013
Spiller Name: Not reported
Spiller Company: AMOCO
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 82010
DEC Memo: 3/14/03 REASSIGNED FROM SULLIVAN TO VOUGHT. 10/27/03 Also see spill # 0307900.11/25/03 Reassigned from Vought to Foley.11/25/03 Received Delta Dispenser Upgrade Report dated 11/10/03 on 11/17/03. Lab analysis of post-ex soil samples collected from beneath four

CON ED - V 3685 (Continued) **1007205266**

dispensers identified VOC concentrations in excess of TAGM 4046 soil cleanup objectives in three dispenser locations (D-1, D-2, D-3). Delta will delineate the soil impacts beneath the product dispensers. 4/19/04 Received SHAR. On 3/17/04, four borings were advanced by Geoprobe in the vicinity of the dispensers. DTW 13-20'bgs. Nine soil samples were collected at the depth interval exhibiting the highest PID reading or immediately above the water table. SB-1 (3.5-4.5'), SB-1 (17-18'), SB-2(19-20'), SB-3(2.5-3.5'), SB-3 (12-13'), SB-4(2.5-3.5'), SB-4(7-8'), SB-4(12-13'). Analysis by 8260 showed hits for VOCs above cleanup levels in five of nine soil samples in all four borings. Total BTEX conc ranged from ND (SB-1, 3.5-4.5' and SB-2, 3.5-4.5') to 1,076,900ppb in SB-4(12-13').The four borings were converted to 1" temporary wells. Four groundwater samples were collected and analyzed for VOCs. DTW 18-24'bgs. MWs were advanced to 23-26'bgs. Temporary wells were removed. No LNAPL was detected. Total BTEX ranged from 3,732ppb (MW-1) to 45,380ppb(MW-4). Total VOC range from 17,061ppb(MW-2) to 69,062ppb(MW-1). MTBE ranged from 9,050ppb(MW-4) to 64,600ppb(MW-1). 12/21/04 4Q04 report received(samples collected 11/23/04). BTEX ranged from 38ppb(MW-5) to 38810ppb(MW-4). MTBE ranged from 33ppb(MW-5) to 174000ppb(MW-1). DTW approx 12-15'bgs.6/28/04 Investigation report received. On 4/23/04, one 1" well(MW-3) was installed through existing soil boring SB-3 and one 2" well(MW-4) was installed through previously advanced soil boring SB-4. Wells were advanced to 25.5 and 26.5' respectively. GW was encountered at 17.15'bgs in MW-3 and 17'bgs in MW-4. No soil samples collected due to previous investigation.On 5/24/04, three 2" wells (MW-1, MW-2, MW-5) were installed to 24', 20', and 20' respectively. GW encountered at 11.7' and 16.8'bgs. Four soil samples were collected. Hits for VOCs in SB-5/MW-2(10-11'), SB-5/MW-2(12-13'). On 5/28/04, five GW samples were collected. GW was identified at 11'-14.5'bgs. Flow was interpreted as NW. BTEX ranged from 74ppb(MW-5) to 45550ppb(MW-4). MTBE from 19ppb(MW-5) to 192000ppb(MW-1).9/30/04 3Q04 monitoring report received. BTEX from 57ppb(MW-5) to 39150ppb(MW-4). MTBE from 17ppb(MW-5) to 164000ppb(MW-1). DTW 11-14'bgs. Need to delineate downgradient and sidegradient.3/10/05 Received 1Q05 monitoring report. BTEX ranged from 65ppb(MW-5) to 38730ppb(MW-4). MTBE from 12ppb(MW-5) to 204000ppb(MW-1).3/15/05 Issued sidewalk permit letter to install three MWs along the west sidewalk of 4th Ave.3/15/05 Stip issued. Due 4/29/05.4/21/05 Received stip signed by C. Wein on 4/19/05.4/27/05 Portfolio meeting- Vadose and saturated soil impacts at northern border and SW portion of property. PS #51 300' NW. Impacts across street(total BTEX 100ppb). Service station and taxi stand on Sanborns for property across street.4/28/05 Stip executed by T. Kunkel. An Investigation Summary report is due 6/27/05. RAP due 8/26/05.6/13/05 Received subsurface hydrocarbon assessment report dated 6/7/05. MW-6,7,8 installed off-site. Soil results show impacts at MW-7(11-12'bgs & 15-16'bgs). Adjacent to U-Haul and Taxi Stand with garage. Total BTEX in GW was 1ppb(MW-6), 272ppb(MW-7) and ND(MW-8). MTBE concentrations were 2ppb(MW-6), 3ppb(MW-7) and 13ppb(MW-8).6/24/05 Received Investigation summary report dated 6/22/05. On-site vadose zone soil impacts in and around dispensers are from historical release. Elevated MTBE concentrations in MW-1 and MW-2 may be related to more recent release. This is also supported by analysis of BTEX ratios. Off-site soil and GW impacts were detected across 4th Ave at MW-7 and MW-8, which appear to be from U-Haul or taxi stand(impacts as shallow as 11'bgs).9/6/05 Received well

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installation report documenting installation of EW-1, MW-9 and MW-10. MPE pilot conducted 8/16/05. Pilot test feasibility report to be submitted.12/30/05 Received 3Q05 monitoring report. DTW 11.37-14.90'bgs. BTEX ranged from ND(MW-8) to 50320ppb(MW-4). MTBE ranged from 5.1ppb(MW-6) to 170000ppb(MW-1).2/23/06 Received letter from Delta requesting extension to stip and summarizing MPE pilot test results which was conducted in 8/05. Since 8/05, Delta has tried to identify an appropriate remedial alternative to address site impacts within the vadose, smear and saturated zones on-site. On 11/4/05, Delta sampled on and off-site wells for geochemical parameters and stable carbon isotope ratio analysis. Delta is currently reviewing the results as they relate to the potential use of aerobic stimulation(sparging). Request extension to submit RAP by 5/14/06.3/9/06 4Q05- DTW 11.96-14.63'bgs. BTEX ranged from ND(MW-8) to 44200ppb(MW-4). MTBE ranged from 1ppb(MW-8) to 81900ppb(MW-10).3/16/06 Met with BP and Delta. MW-6,7,8 installed in 4/05. Pilot for MPE completed in 8/05 which determined it is not an option. Geochemical sampling completed 10/05 which showed no degradation. DTW 11.5-14.5'bgs. Very high MTBE concentrations. Sensitive receptors include utility vaults along 4th Ave. Delta was planning to submit biosparge proposal. Vic Kremesec, BP, requested Delta look into something more agressive.5/9/06 Received feasibility pilot testing and analysis report for Multi-Phase Extraction and a Remedial Action Plan.6/8/2006 - Feng - project reassigned to RJFeng. (RJF)7/28/2006 - Feng - Quarterly Monitoring Report, 1Q2006, 6/6/2006, submitted by Delta. As of sampling on 3/6/2006, groundwater flows to northwest at the depth of 10.89' to 15.17' bg. 11 monitoring wells. W-1, 9,350 ppb BTEX (3,410 ppb B, 1,050 ppb T, 1,480 ppb E, 3,410 ppb X), 21,100 ppb MTBE. W-2, 2,840 ppb BTEX (1,170 ppb B, 163 ppb T, 811 ppb E, 696 ppb X), 3,330 ppb MTBE. W-3, 20,990 ppb BTEX (3,070 ppb B, 6,800 ppb T, 2,120 ppb E, 9,000 ppb X), 10,400 ppb MTBE. W-4, 38,920 ppb BTEX (4,400 ppb B, 17,300 ppb T, 3,220 ppb E, 14,000 ppb X), 33,500 ppb MTBE. W-5, 35.4 ppb BTEX, 4.6 ppb MTBE. W-6, 1.42 ppb BTEX, 4.6 ppb MTBE. W-7, 677 ppb BTEX (22.8 ppb B, 8.9 ppb T, 304 ppb E, 341 ppb X), 8.1 ppb MTBE. W-8, ND. W-9, 16,780 ppb BTEX (2,180 ppb B, 1,890 ppb T, 2,210 ppb E, 10,500 ppb X), 14,200 ppb MTBE. W-10, 17,760 ppb BTEX (3,810 ppb B, 3,180 ppb T, 2,890 ppb E, 7,880 ppb X), 44,900 ppb MTBE. EW-1, 12,180 ppb BTEX (2,110 ppb B, 1,780 ppb T, 1,940 ppb E, 6,350 ppb X), 8,260 ppb MTBE. (RJF)8/1/2006 - Feng - Remedial Action Plan, 5/8/2006, submitted by Delta Environmental. Delta proposed MultiPhase Extraction System to be installed to address FP, soil vapor and gw contamination. Delta conducted pilot test twice. The 1st time it was concluded that "The results of this MPE pilot event conflicted with the expected response from the site's lithology". During the 2nd pilot test, 5 air samples collected at specific intervals to quantify specific vapor VOC concentration being removed. The recovery rates are 0.19 lb/hr BTEX, 0.091 lbs/hr MTBE, 4.89 lbs/hr TPH. For the groundwater drawdown reading, W-9 at 0.28' which located 5 feet away from EW-1. Delta explained that "The limited groundwater drawdown ROI from extraction well EW-1 is likely due to the more transmissive subsurface soils which allow more significant groundwater recharge into the cone of depression generated by MPE operation at the extraction well EW-1". The system components included 4 extraction wells, phase separator, liquid ring pump, system control panel, for vapor and liquid treatment are being designed. System flow chart is provided. By running the MPE, there is better hydraulic control and source

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removal. RAP is approved conditionally: 1) add the air exhaust in the system flow chart. 2) reinstall the MW-1, MW-3 and MW-4 due to their screen interval starts at the water table or below the water table. 3) Investigate the impact to the subway tunnel right next to the station (N, R and F trains run along 4th Ave). (RJF)8/2/2006 - Feng - Approval of MPE letter sent to BP and cc to Delta. (RJF)9/26/2006 - Feng - Quarterly Monitoring Report, 2Q2006, 9/7/2006, by Delta. Sampled and monitored on 6/19/2006. DTW 10.60' to 14.42' bg, flows to northwest. 10 of 11 monitoring wells were sampled. MW-2 was not accessible. MW-1, 8,012 ppb BTEX, 28,200 ppb MTBE. MW-3, 16,430 ppb BTEX, 8,540 ppb MTBE. MW-4, 37,250 ppb BTEX, 32,400 ppb MTBE. MW-5, 59.1 ppb BTEX, 5.4 ppb MTBE. MW-6, 0.25 ppb BTEX, 2.8 ppb MTBE. MW-7, 569 ppb BTEX, 6.1 ppb MTBE. MW-8, BTEX ND, 0.71 ppb MTBE. MW-9, 10,688 ppb BTEX, 4,620 ppb MTBE. MW-10, 21,300 ppb BTEX, 63,500 ppb MTBE. EW-1, 8,055 ppb BTEX, 5,250 ppb MTBE. (RJF) 9/28/2006 - Feng - Portfolio meeting with BP and Delta. Plan changed for this site. On 8/2006, Delta had the plan in place for redevelopment and construction of high rise building. There will be multi-story basement, USTs will be pulled and additional soil will be removed. Construction schedule will be confirmed and remedial plan will start from the groundwater quality after tanks removal. (RJF)3/6/3007 - Feng - 3Q2006, 12/21/2006. Groundwater sampled and gauged 9/13/2006. 11 monitoring wells were sampled. DTW 10.68' to 14.36' bg. Flows northwest. LNAPL in MW-9 (0.12'). MW-1, 9,350 ppb BTEX, 21,100 ppb MTBE. MW-2, 2,840 ppb BTEX, 3,330 ppb MTBE. MW-3, 20,990 ppb BTEX, 10,400 ppb MTBE. MW-4, 38,920 ppb BTEX, 33,500 ppb MTBE. MW-5, 35.4 ppb BTEX, 4.6 ppb MTBE. MW-6, 1.42 ppb BTEX, 4.6 ppb MTBE. MW-7, 677 ppb BTEX, 8.1 ppb MTBE. MW-8, ND. MW-9, 16,780 ppb BTEX, 14,200 ppb MTBE. MW-10, 17,760 ppb BTEX, 44,900 ppb MTBE. EW-1, 12,180 ppb BTEX, 8,260 ppb MTBE. Email Delta for status on tank pull, site development and RAP. (RJF)3/6/3007 - Feng - Updates from D. Greffenius (Delta), the USTs, piping, and dispenser removals will begin on Monday, March 12, 2007. Alvin Petroleum is the contractor. 3/6/2007 - Feng - email from D. Taylor (Delta), USTs will be removed and endpoint samples will be taken and Closure report will be submitted. Delta are currently in touch with the site owner who hasn't yet provided the development schedule. (RJF)7/24/2007 - Feng - 4Q2006, 4/30/2007. Groundwater sampled 12/7/2006. All 11 monitoring wells were sampled. DTW 10.42' to 14.17' bg. Flows to northwest. No LNAPL. MW-1, 7,750 ppb BTEX, 9,800 ppb MTBE. MW-2, 2,754 ppb BTEX, 1,340 ppb MTBE. MW-3, 10,370 ppb BTEX, 5,350 ppb MTBE. MW-4, 31,030 ppb BTEX, 14,300 ppb MTBE. MW-5, 47.7 ppb BTEX, 4.4 ppb MTBE. MW-6, 1.94 ppb BTEX, 4 ppb MTBE. MW-7, 650 ppb BTEX, 4.7 ppb MTBE. MW-8, BTEX ND, <1 ppb MTBE. MW-9, 9,510 ppb BTEX, 3,630 ppb MTBE. MW-10, 17,180 ppb BTEX, 15,900 ppb MTBE. EW-1, 9,850 ppb BTEX, 3,640 ppb MTBE. (RJF)7/27/2007 - Feng - 1Q2007, 5/7/2007. Groundwater sampled 3/7/2007. 9/11 monitoring wells were sampled. DTW 11.51' to 14.6' bg. Flows to north-northwest. No LNAPL. MW-1, 6,936 ppb BTEX, 4,930 ppb MTBE. MW-2, 2,820 ppb BTEX, 632 ppb MTBE. MW-3, not accessible. MW-4, 40,800 ppb BTEX, 34,800 ppb MTBE. MW-5, well not located. MW-6, ND. MW-7, 468 ppb BTEX, 3.1 ppb MTBE. MW-8, ND. MW-9, 9,160 ppb BTEX, 2,230 ppb MTBE. MW-10, 24,490 ppb BTEX, 7,960 ppb MTBE. EW-1, 10,430 ppb BTEX, 2,460 ppb MTBE. (RJF)7/31/2007 - Feng - Underground Storage Tank Excavation Assessment Report, 4/26/2007, by Delta. Between 3/12/2007 and 3/15/2007, 4 (4,000-gallon) double-walled steel gasoline USTs and 1 (4,000-gallon) double walled steel abandoned UST from a single tank cavity on the central portion of the site were excavated. The

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abandoned UST was filled with concrete slurry. Upon excavation, the tanks were observed to be in good condition with no visible holes or areas of pitting. Between 3/16/2007 to 3/20/2007, 4 pump island dispensers and the associated product piping were excavated and removed. On 3/12/2007, 1 hydraulic lift was removed. 25 over-excavation soil samples were collected. High contamination detected in soil samples. For USTs excavation, the total BTEX range from ND (SW-17) to 1,796,700 ug/kg in SW-5 (9'), the total VOCs ranged from 205 ug/kg in SW-14 (9') to 2,828,170 ug/kg in SW-5 (9'). For the pump islands and piping excavation, total BTEX concentration ranged from ND in B-13 (12-12.5') to 327,700 ug/kg in B-2 (12-12.5'), the total VOCs concentration ranged from ND in B-3 to 659,890 ug/kg in B2 (12-12.5'). For the hydraulic lift excavation, no SVOCs exceedance. Groundwater encountered at a depth of 13' bg. 1 groundwater sample was taken from MW-4, 40,800 ppb ug/L BTEX, 34,800 ug/L MTBE. On 3/28-29/2007, 795.24 tons of soil was generated during the over excavation activities. The soil was transported an disposed at the Clean Earth of Philadelphia (CEP). The excavations were backfilled with the Certified Clean Fill. 8/1/2007 - Feng - Letter to Kevin Endriss (BP) requiring RAP and the construction details. Due 10/1/2007. (RJF)10/10/2007 - Feng - Portfolio meeting with BP and Delta. Potentially developing the site. Tanks closure done and soil over-excavated. Drill at the side near the subway to inspect for impact on the subway tunnel. The new development may need to excavate down to 30 feet bg. Development schedule is unknown at this point. Delta will submit a work plan for proposing MPE events on 2" wells for short term remediation. (RJF)12/10/2007 - Feng - Call from potential buyer and inquired about the site status. DEC stated the requirement of gw and soil remediation, plus the soil vapor mitigation. Buying is in process. (RJF)1/11/2008 - Feng - Reviewed various documents submitted by HydroTech. 1) Phase I Environmental Site Assessment Report, dated 10/12/2007. Some Recognized Environmental Concerns were identified: the "E" Designation listing of the site for HAZMAT; historical utilization of the site as an auto repair facility and a gasoline station; presence of an open NYSDEC spill at the site; presence of elevated levels of VOCs in the soil and groundwater at the site at concentrations exceeding regulatory standards; inconsistent PBS information. 2) Investigation Work Plan, dated 11/27/2007. Investigation were proposed to be conducted in addressing the "E" Designation. HydroTech proposed GPR Survey to scan for any subsurface anomalies such as unknown tanks; to install 12 soil borings and 2 soil samples will be taken from each soil boring; and 3 groundwater probes will be installed for groundwater sampling. Site plan with proposed soil boring location is provided.3) Site Investigation Report, dated 12/20/2007. The GPR Survey did not identify any significant anomalies. Gasoline contaminated soil is present in the shallow soil in the northern and northwestern portions of the site. The gasoline contamination extends vertically to the deeper depths of the soil and horizontally to the northwestern boundary and western portion of the site. Soil samples collected from HTE-SP-2, 662,600 ppb VOCs at 2'-4', 934,900 ppb VOCs at 10'-12'. Groundwater was encountered at 12 feet bg and flows to northwest. The compounds detected in the groundwater plume are mainly gasoline compounds, range ND to 79,300 ug/L.4) Remedial Action Plan, 12/14/2007. HydroTech proposed to have 1) soil excavation, down to 12'; 2) installation vapor barrier and sub-slab venting system; 3) RAP for groundwater will be submitted to NYSDEC. 5) Floor Plans for

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the new building. The new building will be occupied the whole site. Called Yash Saha (HydroTech). The excavation will cover the whole site and down to 12'-14', no dewatering is planned. DEC required the vapor barrier and sub-slab venting system design, groundwater remediation. HydorTech will submit a RAP including the soil excavation, groundwater remediation, and soil vapor mitigation shortly. (RJF)2/7/2008 - Feng - Reviewed the Revised RAP, 1/31/2008, by HydroTech. HydroTech proposed: 1) soil excavation; 2) installation of vapor barrier and sub-slab venting system; 3) RegenOx and ORC injections for groundwater remediation. Reveiwed also the 3Q2007 quarterly report. During the tank excavation activities in 3/2007, monitoring wells MW-1, MW-5, MW-9 and EW-1 were destroyed. 7/11 wells were sampled. BTEX range 73 ppb (MW-6) to 15,260 ppb (MW-4). MTBE range 18 ppb (MW-6) to 47,200 ppb (MW-4). Emailed HydroTech the comments and questions. (RJF)2/15/2008 - Feng - Stipulation Agreement to Katan Group. Due back 3/7/2008. (RJF)2/27/2008 - Feng - Received signed Stipulation Agreement. Sent for RD's signature. (RJF)3/3/2008 - Feng - Reviewed the Revised RAP, 2/13/2008, by HydroTech. Addressed the comments provided on 2/7/2008. Approval letter to Katan Group and cc to HydroTech. DEC require the vapor barrier to be extended vertically to the surface grade through the foundation walls and more RegenOx injection points to be installed. Revised the vapor barrier design and the injection diagram will be submitted within 10 days. (RJF)3/7/2008 - Feng - Spoke to D. Greffenius (Delta). BP will also oversee the remediation progress occuring onsite. An addendum letter/plan will be submitted for post-excavation sampling, dewatering plan in case dewatering is needed, and monitoring plan after the construction. BP will still continue to comply with the Stipulation between BP and DEC. (RJF)3/13/2008 - Feng - Stipulation Agreement executed 2/28/2008. (RJF)4/17/2008 - Feng - Email to HydroTech regarding the notification of chemox injection to EPA UIC program. HydroTech contacted EPA and it may take 30 days to have EPA review the details of the injections. Letter for offsite soil vapor point to HydroTech. 4/18/2008 - Feng - Call from HydroTech (Yash). HydroTech will inject the ORC while installing the soil vapor points. ORC will be injected at the sidewalk across the 4th Ave and some onsite injection points. (RJF)4/24/2008 - Feng - email from Yash Saha (HydroTech). HydroTech has finished the onsite ORC injection and the soil gas implants offsite. (RJF)5/1/2008 - Feng - Site visit. Met with Carlos Quinonez from HydroTech. The tech team was late. The work will be rescheduled. 5/2/2008 - Feng - Site visit and met with Yash Saha. Started RegenOx injection using GeoProbe. The intended injection points were marked. It will be drilled down to 25 feet and the RegenOx will be injected into the 25 feet to 16 feet. Planned to finish 10 point today. Offsite soil vapor sampling also ongoing. According to Yash, there will be some dewatering activities along with the development. Dewatering water will need to be treated. Met with D. Greffenius (Delta) in DEC office. Received the IRAP. (RJF)5/9/2008 - Feng - cc-d the EPA Underground Injection Control section's letter to Katan group for authorization to inject RegenOx and ORC. (RJF)6/12/2008 - Feng - Called from Yash (HydroTech). All the RegenOx injections are completed at this time. They started the site excavation on 6/4/2008, so far at 8 feet bg, and had some foundation pillars installed. The elevator shaft part has not worked on yet. At this time, no work on site, but may excavate deeper later on. DEC still requires groundwater samples to confirm the effectiveness of the RegenOx, taken gw samples from the previous

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baseline sampling points. 6/16/2008 - Feng - 4Q2008, 3/18/2008, by Delta. The monitoring well network was gauged and sampled on 1/17/2008. 7 wells. DTW 11.01' to 14.88' bg. Flows to northwest. BTEX range ND to 18,500 ppb (MW-10). MTBE range ND to 21,000 ppb (MW-4). 6/18/2008 - Feng - Portfolio meeting with BP and Delta. In 6/2008, soil removal is about 4,600 tons. Delta is submitting the final version of IRAP. The exhaust blowers planned for building's lower parking levels will control vapors. No sub slab venting system might be installed since the basement is so close to water table. Conference call with BP/Delta, Katan/HydroTech will be scheduled. (RJF)7/28/2008 - Conference call with Delta (D. Greffenius and G. Hinshalwood) and HydroTech (Rachel). Delta and HydroTech will be sending the brief summary of the site status. (RJF)9/17/2008 - Vapor complaint from the resident across the street. DEC has contacted and required the developer (Perry Soskin from Katan Group) and the RP (BP) to immediately mitigate the vapor by today. Mr. Soskin from Katan Group and David Greffenius from Delta called back. Delta and EnviroTrac will be onsite and lay the plastic sheeting on the area today. They will there around 4:30pm. Tomorrow they will cover with a few loads of fills and more plastic sheeting on top of the fills if necessary. Called the resident David Simonoff and informed him that the responsible party will be onsite start taking of the odor today and DEC will continue to monitor the situation. (RJF)9/17/2008 - Site visit and met with Delta and EnviroTrac. The north portion of property near the 5th Street is filled with water, half foot to one foot deep. Delta and EnviroTrac lay the plastic sheeting on the waterly area with some product, next to 4th Ave and east portion. A vac truck will be mobilized tomorrow morning and remove the water before the backfills. (RJF)10/16/2008 - Letter to Katan Group and BP requiring the developer/RP to submit a Revised RAP which include monitoring wells installation around the property to access the current and during construction groundwater condition, dewatering plan, post construction remediation plan if necessary, and post construction groundwater monitoring plan. Revised RAP due 11/17/2008. The Department notifies the city agencies, DOB, DEP, and DOH on the site status and its intended development. (RJF)10/29/2008 - 1Q2008, 7/25/2008, by Delta. Vacant. The monitoring well network was gauged and sampled on 3/6/2008. During tank excavation activities in 3/2007, MW-1, MW-5, MW-9, and EW-1 were destroyed. Due to construction onsite during first quarter 2008, all onsite wells are covered with soil and gravel and are suspected to be destroyed. 3 were were gauged (offsite wells). No LNAPL. DTW 14.04' to 14.78' bg. Flows to northwest. 3 were sampled. BTEX range ND to 407 ug/L (MW-7). MTBE range ND to 2.8 ug/L (MW-6). 2Q2008, 9/29/2008, by Delta. Vacant. The monitoring wells were gauged and sampled 6/30/2008. 3 offsite wells were gauged. No LNApL. DTW 13.48' to 14.12' bg. flows to northwest. 3 wells were sampled. BTEX range ND to 486 ug/L (MW-7). MTBE range ND to 1.9 ug/L (MW-6). (RJF)11/10/2008 - Vapor complaint received from resident adjacent to the site. Visited the site, no access because the site was locked. Walked around the site and did not observe odor. No PID reading. Water retained in the open excavation again. (RJF)11/10/2008 - Email to Bill Bogdon approving the 60 days extension for RAP. (RJF)11/12/2008 - Delta and EnviroTrac were onsite to mitigate the vapor. A vac truck was mobilized and vac out the product in the property line area and water. Delta and EnviroTrac will then cover the area with product and rest of the water. They will come back tomorrow to see if water level rise again. Soil backfill may be done

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if necessary. (RJF)12/10/2008 - Email from David Greffenius (Delta)"Please note that Delta and EnviroTrac, on behalf of Atlantic Richfield,will be transporting additional backfill to the 363 4th Avenue, Brooklynsite this Friday, December 12, 2008, in order to fill-in the remainingstanding (ground) water at this site for the purpose of preventinganother vapor complaint by the residents in this neighborhood. Our plan will be identical to our last effort: we will cover thestanding water with plastic (where it is safe to do so), and then coverthe plastic/water with between 4 and 6 loads of recycled concreteaggregate (RCA) backfill."12/17/2008 - Spoke with David Greffenius (Delta). The excavation where been with water is backfilled. The product seems coming back again. Might need to investigate the adjacent parking lot. (RJF)12/18/2008 - Visited the site and met with David Greffenius. The site is backfilled in most of the area with water. Some water is still retained near the back apartment building. No product was seen this time. David will stop by regularly to check if there is any recharge of the product. SanBorn maps may be reviewed for the parking lot next door. (RJF)1/20/2009 - Met with Domenick Tonacchia (Tona Development), Bill Bogdon (Tona Development), Kevin Kleaka (Impact Environmental), and phone conference with David Greffenius (Delta). There will no dewatering. The building will be covered the entire site with cellar, no subcellar. There will be changes for the new building since they are trying to avoid dewatering process. DEC required an investigation work plan for both onsite and offsite by 2/2009. (RJF)3/20/2009 - Reviewed Investigation Work Plan, dated 3/3/2009, by Delta. Delta proposes to install 7 monitoring wells at the sidewalks around the perimeter of the site. Work to be scheduled and RI report to be due within 90 days, 6/19/2009. Work Plan is approved. Letter to BP and cc to Delta. (RJF) 3/23/2009 - Reviewed the Investigation Work Plan, dated 2/2009, by Leggette, Brashears & Graham, Inc (LBG). LBG proposes to install 4 monitoring wells onsite within the perimeter. Comments to LBG and Tona Development via email. see comments in eDoc. (RJF)3/24/2009 - Reviewed LBG's responses to the comments on the IWP, uploaded in eDocs. Additional comments on the responses were sent to LBG and Tona Development, in eDocs. (RJF)4/3/2009 - Reviewed the Updated IWP, via email on 3/25/2009, by LBG. Previous comments are addressed. Work plan to be approved. Letter to Tona Development and LBG. 4/3/2009 - Conference call with BP, Delta, Tona Development and LBG. The offsite wells installation will be started within 2 weeks. The onstie will be within 1 week. Tona Development will advance some test pits to verify the real water table and will notify BP 2 days in advace so BP could send a field technician to the site. Changes to the development plan will be made, the basement slab will be above water table. DEC require the RAP should include the vapor barrier and SSDS. Stipulation agreement will be sent to Tona Development. (RJF)4/6/2009 - Stipulation Agreement to 267 Sixth Street, LLC. eDocs. (RJF)4/28/2009 - Conference call with Tona Development and Delta. The onsite wells are installed and the report will be sent to DEC and Delta. Sewer line is identified beneath the sidewalk. A Con Ed oil line is also identified between the sidewalk and the site and might be extented into the site. Hand clearance will be made during the installation of the offsite wells. The test pits were advanced down to 9-10 feet below current grade, and found groundwater at 5 feet in one of them. Construction excavation will be above/at water table. Tona will be moving the soil around this week to make the ramp for the machines entrance. A plan to suppress the possible odor shall

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be in place before the excavation. And soil shall be tested for disposal and this enable the soil to be disposed immediated when being generated. Delta will review the Tona's recent investigation report to come up the IRAP, remedy to be proposed depend on the current site condition, soil and groundwater residual. Next updates call will be held upon the submission of IRAP. (RJF) 7/7/2009 - Reviewed Subsurface Investigation Report, dated 5/13/2009, by Leggette, Brashears & Graham, Inc. On April 9, 2009, the groundwater monitoring wells were installed onsite. Soil samples were collected continuously through the boring from the excavation grade to approximately 15 feet below the excavation grade. The final boring depth is approximately 20 feet below the historical grade of the site. The wells were surveyed. DTW 4.54' to 10.55'. no product was encountered, but film was observed. Soil samples run for VOCs and SVOCs. VOCs and SVOCs exceedances were detected, unit in ug/kg. MW-21, 10-15 feet, 920 benzene, 770 toluene, 30,000 ethylbenzene, 22,700 xylenes. MW-22, 5-10 feet, 6,200 benzene, 100,000 toluene,, 120,000 ethylbenzene, 400,000 xylene, 1,100 MTBE.MW-25, 10-15 feet, 1,500 benzene, 11,000 toluene, 43,000 ethylbenzene, 183,000 xylene. Groundwater samples were run for VOCs and SVOCs. Exceedances were detected, unit in ug/L. MW-21, 360 benzene, 300 toluene, 1,300 ethylbenzene, 1,480 xylene, 610 MTBE.MW-22, 230 benzene, 3,700 toluene, 2,300 ethylbenzene, 7,900 xylene, 28 MTBE. MW-25, 1,200 benzene, 620 toluene, 3,500 ethylbenzene, 6,200 xylene, 1,100 MTBE. And SVOCs were also detected in these wells. Compared to the historical soil and groundwater concentration levels, data show down trend for most of the wells. The data gained from this investigation will be used in preparing of the IRAP. Email BP and Delta for the status of the IRAP. (RJF)7/14/2009 - Conference call with Tona Development, BP and Delta. Delta is putting together the LBG's report data and the new building plan, the IRAP will be submitted next week. Delta is also going through the MTA permitting process to have the wells installed at the sidewalk along 4th Ave. There are probably 3-4 feet of soil to be removed, no dewatering. Film = sheet in LBG's report. DEC required there are shall be wells being able to monitor the effectiveness of Delta's proposed remedy. BP will gauge and sample the onsite wells after the perimeter wells are in. (RJF)1/4/2010 - Reviewed Work Plan for Offsite Monitoring Wells Abandonment, dated October 12, 2009, by Delta. Delta will abandon the three monitoring wells across 4th Ave, MW-6, MW-7 and MW-8. (RJF)1/12/2010 - Reviewed Subsurface Hydrocarbon Assessment Report Addendum, dated October 29, 2009, by Delta. On June 19, 2009, EnviroTrac, on behalf of Atlantic Richfield and under the direction of Delta, installed one permanent two-inch monitoring well (MW-13) at the northeast sidewalk of 6th Street using Geoprobe 6610 hollow-stem auger drill rig with direct push, macro-core sampling capability. MW-13 was drilled to 18 feet and groundwater was encountered at 12 feet. 2 soil samples were collected. MW-13 (11.5-12'), VOCs ND. MW-13 (19.5-20'), VOCs ND. On September 21, 2009, MW-13 as well as the monitoring wells onsite MW-20, MW-21, MW-22, MW-23, MW-24 and MW-15 were gauged and sampled. DTW 6.31' to 12.63' bg. NO LNAPL. unit in ug/L. MW-13, ND. MW-20, 7.6 benzene, 26 MTBE, 6 isopropylbenzene, 9.4 n-propylbenzene, 61 total VOCs. MW-21, 350 benzene, 290 toluene, 1,250 ethylbenzene, 860 xylene, 2,750 BTEX, 430 MTBE, 34 n-butylbenzene, 18 sec-butylbenzene, 87 isopropylbenzene, 10 p-isopropylbenzene, 520 naphthalene, 240 n-propylbenzene, 590 1,2,4-trimethylbenzene, 140 1,3,5-trimethylbenzene, 4,819 total VOCs.

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MW-22, 140 benzene, 810 toluene, 1,450 ethylbenzene, 420 xylene, 2,820 BTEX, 76 MTBE, 11 n-butylbenzene, 32 isopropylbenzene, 7.1 p-isopropylbenzene, 260 naphthalene, 60 n-propylbenzene, 250 1,2,4-trimethylbenzene, 100 1,3,5-trimethylbenzene, 3,621 total VOCs. MW-23, ND. MW-24, 21 MTBE, 27 total VOCs. MW-25, 1,100 benzene, 440 toluene, 2,790 ethylbenzene, 2,600 xylene, 6,930 BTEX, 390 MTBE, 25 n-butylbenzene, 15J sec-butylbenzene, 170 isopropylbenzene, 14J p-isopropylbenzene, 280 naphthalene, 300 n-propylbenzene, 830 1,2,4-trimethylbenzene, 400 1,3,5-trimethylbenzene, 9,354 total VOCs.Off-site Monitoring Well Abandonment Report, dated December 30, 2009, by Delta. On October 21, 2009, EnviroTrac, on behalf of Atlantic Richfield, abandoned offsite wells MW-6, MW-7 and MW-8 by 1) removing the bolt-down cover and riser cap from each well; 2) tremmie-filling each well screen and riser pipe with Portland cement/bentonite slurry from the bottom of the well to 5 feet bg using a grout pump; and 3) filling the top 5 feet of riser pipe and the flush-mount cover of the each well with Portland cement to the groundwater surface. (RJF)3/10/2010 - Neil Steven (646-542-4312) from Law Enforcement Region 2 called. Odor complaint from the residents. He went to the site yesterday, there was strong odor and dark product. Email to Nick Onufrak (BP), Bill Bogdon (Tona Development) and David Greffenius (Delta)."Bill and Nick,DEC received a odor complaint from the nearby residents for this site. Our ECO went to the site yesterday and he said there was strong odor and dark product was witnessed. You MUST send someone out there TODAY, to take pictures, sample the product, remove the product and mitigate the odor. If nobody is there today, we will send contractor out tomorrow and bill everybody. " Called and spoke with Nick Onufrak. He will call EnviroTrac and see what they can do, and give us an update by the end of today. Call Domenick (Tona Construction), he will send out someone to check out. Forwarded him the email since Bill is no longer with Tona. (RJF)3/10/2010 - email from Gordon Hinshalwood (Delta). "We investigated SS 13397 today in response to your email below. Some soil staining was identified in the rear area of the site, but free-phase NAPL was not identified on the standing water in the excavation, nor were hydrocarbon odors identified.We plan on delivering a frac tank to the property tomorrow afternoon and pumping the standing water out of the excavation (the volume of water is reportedly too large for a vac truck to handle). We will store the water in the tank on-site until we can arrange for it’s proper disposal. We also intend to backfill the excavation to prevent further water accumulation on-site, which will likely happen on Friday, or early on next week."3/11/2010 - closed the spill 09-12838 opened for receiving the odor complain from Cynthia Simonoff and refer to spill 89-01904. Called Ms. Simonoff and told her that BP will be there this afternoon to vac the water out and will do some backfill by Friday. (RJF)3/11/2010 - NYCDEP called and claimed there was odor and product onsite. DEC Tibbe visited the site and met Dave Greffenius (Delta) and EnviroTrac. There was a petroleum odor but it was not significant. There was some floating product and sheen on the water in the excavation, and there was stained soil most of the way around the excavation, at water level. Delta was directed to sample the oil and excavate the stained soil. DEC also required addressing any floating product, if there is any, during the monthly gauging event. DEC emailed to Delta and required the submital of RAP to address the soil and groundwater, regardless of the potential development, because the schedule is unknown. Draft prposal or a

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review of alternatives by 3/2010. (RJF)3/17/2010 - email from Nick Onufrak (BP). They will be onsite to pump out more water and backfill some of the excavation Wednesday and Thursday. Domenick (Tona Development) is aware of the work. DEC responded to the Yvonne Schmitz's inquiry. (RJF)4/7/2010 - received complaint and spill 1000269 was opened. DEC Spill staff visited the site. The responder did not detect any petroleum odors and from his vantage point outside the fence, could not see floating product, but he did see standing water in the excavation. DEC email to BP and Tona Development requiring that the issue of standing water in the excavation must be rectified in order to prevent future impacts to the area residents as well as reduce and/or eliminate future complaints. The only way could be pumping out the water and completely fill the excavation to grade. DEC requires arrangements to complete this task immediately. Email from David Greffenius and attached with LNAPL Forensic Analysis Letter Report. Based on the fingerprinting forensic analysis of the sample collected from the top of the standing water, the floating oil was determined to be a relatively "fresh" diesel/fuel oil product probably released within the last two years. Based on BP's underground storage tank (UST) registration records, no diesel or fuel oil USTs were registered at the subject site from 1990 forward. 4/8/2010 - email from David Greffenius. EnviroTrac will begin water pumping opeartion tomorrow and site backfilling is scheduled for next week. 4/9/2010 - Letter from BP committing to address the odor complaint issue in a timely fashion and the spill remediation. 4/12/2010 - letter to NYC DOB, DOH, DEP notifying the open excavation issue at the site. 4/13/2010 - email from David Greffenius. Additional water pumping and removal, and site backfilling activities are scheduled to begin on Thursday, April 15. They are planning to bring in 1,000-1,500 yards of additional backfill material to the site (1,500-2,500 tons) over a 2-3 days period. checked spill 97-05330 at 278 6th Street. No investigation has been done at this site. PBS record 2-603857 at 383-393 4th Ave 278 6th Street show one 550-gallon kerosene (#1 fuel oil), one 275-gallon #2 fuel oil, one 4,000-gallon diesel, and one 4,000-gallon gasoline were removed in 3/2008. But no tanks closure report in file. 4/14/2010 - DEC Zhune called the owner of 278 6th Street. The property is sold already and he will call the consultant who did the closure to send the report in. 6/8/2010 - DEC responds to the Dailey News inquiry. Documentation of the backfill of the excavation including 3 photos taken after the backfill on 4/19/2010 were received from Delta. As seen from the photos, the backfill is up to the street level, and the monitoring wells are still in place. 6/9/2010 - DEC inspected the site around 9am and took some photos. No petroleum odors noticed. NO sign of contaminated soil was found. 4Q2009, 3/2/2010, by EnviroTrac. Currently a vacant lot. The monitoring well network was gauged and sampled on 12/28/2009. Due to site flooding several wells were inaccessible during the 12/2009 event (MW-21, MW-22, MW-23, MW-24 were under water) and were subsequently gauged and sampled on 1/22/2010. 6 wells were gauged. No LNAPL. DTW 3.76 - 12.82 (below existing grade?). Flows to northwest. historic flows to south. 6 wells were sampled. MW-24 was under water, not sampled. Max benzene 490 ug/L (MW-25). Max BTEX 2,820 ug/L (MW-25). Max MTBE 120 ug/L (MW-25).1Q2010, 5/17/2010, by EnviroTrac. The monitoring well newtork was gauged and monitored on 3/25/2010. 7 wells were gauged. NO LNAPL. DTW 2.19 - 10.23' (below existing grade?). Flows to northwest. 7 wells were sampled. Max benzene 9.1 ug/L (MW-22). Max BTEX 248.6 ug/L

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(MW-21). Max MTBE 10 ug/L (MW-24). 7/20/2010 - Reviewed Remediation Work Plan for Chemical Oxidation Solution Pilot Application, dated July 12, 2010, by Delta. During the week of June 21, 2010, Delta installed 6 soil borings in the portion near the 4th Ave. SB-8 (12-13'), 1,302,600 ug/kg total VOCs. SB-8 (20-21'), 12,568 total VOCs. SB-9 (8-10'), 1,884 total VOCs. SB-9 (19-20'), 525 VOCs. SB-10 (7.5-10'), 828,240 VOCs. SB-10 (15-16'), 217 total VOCs. MW-14 (11-12'), 167,549 total VOCs. MW-14 (17-18'), 15,788 total VOCs. MW-15 (7.5-10'), 318,470 total VOCs. MW-15 (14-15'), 15,908 total VOCs. 3 soil borings turned into MW-14, MW-15 and MW-16. soil sample was not recovered and therefore no sample was collected for MW-16. Delta proposes to inject iron activated sodium persulfate and a pilot will be conducted first. 2 application wells AW-1 and AW-2 will be installed in the northwest portion of the site. The application wells will be installed to 15 feet bg with 10 feet 4-inch diameter screen. 500 gallon of sodium persulfate/EDTA-chelated Fe(II) solution (0.50 kg/gal/0.01 kg/gal EDTA-Fe(II) as Fe) will be added into the two application wells. Surrounding wells MW-15, MW-16 and MW-22 will be monitored. Pre-application sampling will be included BTEX/MTBE, sulfate, DO, pH, ORP, and alkalinity. Sampling will be also conducted the day of the application, following day, and weekly for 2 weeks. Anticipated the pilot to be conducted the final week of 7/2010. ChemOx pilot work plan is approved. Report due 8/2010.10/26/10 The site is temporarily reassigned to Alex Zhitomirsky as per V. Brevdo and M. Tibbe. I went to the site today. There is some standing water and some residential garbage at the site. I could not smell any odor. An e-mail with my findings was sent to V. Brevdo and M. Tibbe. AZ 4/11/2011 - Spill transferred back to JFeng.6/24/2011 - On June 24, 2011, DEC reviewed the work plan proposing full scale ChemOx injection. Then DEC was also notified by the developer that they have financing coming into place and plan again to develop the site. A conference call was held on June 28th with BP, its consultant, and the property developer. The developer is planning to construct a building with a full basement that will cover the entire footprint of the property; with the basement only to a depth at which dewatering will not be needed. As such, BP will need to change plans - the developer agreed to provide us with their construction drawings, and BP agreed to provide a work plan for a focused investigation to determine whether they could over-excavate to remove remaining impacts; we also spoke about the need for continued gw monitoring which would likely need to include wells in the basement.8/1/2011 - Reviewed Soil Investigation Work Plan, dated 7/14/2011, by Antea Group. 8 soil borings were proposed in order to identify remaining soil contamination. Comments: the drilling should be beyond the historical contamination depth until hitting clean soil; sewer information in the sidewalk of 4th Ave; the 1997 misfiled oil burner replacement Block 987 Lot 11, but address 363 4th Ave; and if this site is a e-designated site under NYC DEP. 8/9/2011 - meeting with BP and Antea Group. Discussed the submitted IWP. DEC required the drilling down to the clean depth in order to vertically profile of the soil and identify remaining soil contamination. Revised IWP will be submitted. 9/9/2011 - reviewed additional revision of the IWP submitted via email by Antea Group on 9/5/2011. "reduced" PID reading is defined as immeasurable reading. So soil samples from the water table interface, highest PID reading, reduced PID reading, and 3 feet below reduced PID reading will be taken. 9/9/2011 - approved IWP for installing 8 soil borings to assess the current soil condition.

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Report due 12/2011. 10/27/2011 - 2Q2011, 9/7/2011, by Antea Group. The groundwater samples were collected on June 6, 2011. 10 wells were sampled. NO LNAPL. BTEX concentration increased from the last quarterly sampling results. MW-14, 36,320 ug/L BTEX, <25 ug/L MTBE. MW-15, 8,230 ug/L BTEX, <5.0 ug/L MTBE. MW-21, 1,060 ug/L BTEX, 97 ug/L MTBE. MW-25, 195 ug/L BTEX, 21 ug/L MTBE. 11/22/11 - Raphael Ketani. Arnie Fleming of Fleming-Lee-Shue (212) 675-3225 called me today about the case. He said that FLS is the consultant for the new developer. The site has an "E" designation. He said that BP is moving slowly on remediating the site. However, the site was excavated and oil flowed out from the east wall. Mr. Fleming stated that there is a yard area that belongs to the condominium building next door and that this would be a good place to do the investigation. However, the condominium has not been cooperative about letting BP's crew on the neighboring property. I told Mr. Fleming to send DEC the contact information for the condominium and we will pursue aquiring access for an investigation on their property. He said that he will. 11/22/2011 - As per Ketani, spill 11-10410 was generated for the offsite issue. 11/23/2011 - sent via email to Naftali Group LLC the stipulation agreement along with corrective action plan. As per DEC Ketani, sent letter notifying petroleum contamination at 270 Fifth Street and required investigation. Response is required within 15 days in receipt of the letter. Letter was sent to: 270 Fifth Street Corp.270 Fifth StreetBrooklyn, NY 11215BPC Management84 Livingston StreetBrooklyn, NY 1120111/29/2011 - Reviewed Investigation Summary Report, dated October 28, 2011, by Antea Group. 6 soil borings were installed in the central portion and western portion along 4th Ave of the site. The borings were advanced to 20 to 30 feet bgs where a peat layer was encountered. Very high total VOCs and SVOCs were detected in various location. For total VOCs in soil samples ug/kg, SB-26 (7.5-9) 54,300, (15-16) dark NAPL stain 17,801, (20-21), 30.2. SB-29 (10-11) 155,380, (13.75-14.25) odd staining 236,111, (27-28) 26.19. SB-30 (7.25-8.25) staining 251,429, (22.33-22.66) stain with product 18,287, (25-26.33) 23,781. SB-31 (3.5-4) 108,609, (9-10) odor sheen on acetate 1,017,620, (29-30) 8,217. SB-32 (3.5-4) 2,990, (10-15)17,024, (20-22) 334.7. For SVOCs, SB-26 (15-16) 1,907,400. SB-30 (22.33-22.66) 1,653,800. Antea concluded that soil contamination were identifed in the central area of the site and along western border by 4th Ave. Varied depth 3.5 to greater than 20' and soil staining showed visible evidence of a heavier than gasoline grade of hydrocarbon in some location. Excavation alone may not be possible to remediate. Will propose vapor barrier and SSDS and development of a post construction remediation strategy to address the impacts. 11/30/2011 - letter to BP and requiring a RAWP to be submitted by 1/2012. DEC require the contaminated soil to be excavated, install hydraulic barrier to prevent site recontamination by the seeping oil, and vapor barrier + SSDS for the future building. The letter which was sent to the apartment building was attached as per DEC Paul John's request. 12/9/11 - Raphael Ketani. Today there was a conference call with Arnie Fleming of Fleming Lee Shue, Hassan Hussein, head of the Hazardous Materials Unit, June Feng, project manager, and myself. Mr. Fleming commented about the oil seep that was coming in from the east side of the property. I told him that the DEC wanted BP to excavate down about 16 feet at each location that showed excessive contamination (above CP-51 standards). Mr. Fleming said that BP had made a determination that these locations were too deep to excavate. Wells would be put in the sidewalk. Mr. Fleming

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also stated that he had bad experiences with installing wells through a vapor barrier. Once you open the wells to sample them, then the vapors come out and the VOCs are suddenly high in the building. He added that his client, the latest developer, was willing to install a 150 foot long curtain to prevent the oil from seeping onto the property. They would excavate to 10 feet below grade, the foundation level, and drive sheeting along the east border. He suggested ordering a STIP for his client to hold him as responsible for installing the 150 foot long curtain wall. He said that he believed that chemical oxidation can work. The soil is sandy. He can use pressure pulse technology to treat the contamination. Mr. Fleming went on to describe how this technology works and the benefits. After this, the conference ended.12/15/11 - Raphael Ketani. Today I received a response letter from Mr. Onufrak of Atlantic Richfield Company (ARCO). In the letter, Mr. Onufrak states that he is responding to DEC's 11/30/11 letter requesting a RAWP describing the excavation of the contaminated soil and the construction of a barrier in order to prevent the oil from the neighboring condo building from migrating onto the subject former BP property. Mr. Onufrak writes that ARCO disagrees with taking any responsibility for any off site oil that is migrating onto the property. However, he also wrote that the site owner, 267 Sixth Street LLC, is willing to pay for the barrier. ARCO will submit a RAWP for only excavating the contaminated soil at the site.12/16/11 - Raphael Ketani. I sent a response letter stating that ARCO should submit a RAWP just for the excavation. However, I added that the containment and cleanup of the off site oil should be worked out between 267 Sixth Street LLC, 267 Development LLC and the owners of the neighboring condo building (270 5th Street).responsible party: ARCO (BP #13397)owner of site: 267 Sixth Street LLCdeveloper: 267 Development LLCneighbor: 270 5th Street (condo)12/27/11 - Raphael Ketani. Kevin McGuinness (developer's consultant) (212) 675-3225 called. He said that the developer and BP have reached an agreement regarding the retaining wall for holding back the oil on the east side of the property. BP will submit a work plan for only the west side excavation and the developer will submit a work plan for only the retaining wall construction. This was being done because the developer is under a short time constraint whereby he has to start work by a certain date. I told Mr. McGuinness that the submission of two work plans was fine. Mr. McGuiness responded that the DEC should receive the wall work plan by January 9, 2012. I asked him who was the owner of the site. He said that it was still BP.1/5/12 - Raphael Ketani. I received the 1/4/12 Hydraulic Barrier RAP from Flemng Lee Shue for preventing the seepage of oil onto the site from the property to the east. I found the RAP to be acceptable for installing the steel sheet piling wall. I sent a letter to Mr. McGuinness stating this and an e-mail. I also had received the 1/3/12 Remedial Action Plan - Chemical Oxidation from the Antea Group. The basis of the plan was to use chemical oxidation and soil vapor intrusion to remove the contamination from the soil and the groundwater. Within the plan, there were diagrams showing the installation of piping for accessing the wells remotely after the site is developed and a building is constructed. The idea was that remediation would continue after site development. This I did not believe was a good plan. The reason being that if the treatment methods didn't perform as expected, then there would be no other options for the remediation, except natural attenuation. From the 9/28/-29/11 sample data in the work plan, the locations of concern

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for the soil contamination were SB-26 and SB-29 to SB-32. SB-26 = 7.5'-9' 54,300 ppb total VOCs; 15'-16' 17,801 ppb total VOCs and 1,907,400 ppb total SVOCsSB-29 = 10'-11' 155,380 ppb total VOCs; 13.75'-14.25' 236,111 ppb total VOCsSB-30 = 7.25'-8.25' 251,429 ppb total VOCs; 22.33'-22.56' 18,287 ppb total VOCs and 1,653,800 ppb total SVOCs; 25'-26.33' 23,781 ppb total VOCsSB-31 = 1.5'-4' 108,609 ppb total VOCs; 9'-10' 1,017,620 ppb total VOCs; 29.65'-30' 8,217 ppb total VOCsSB-32 = 10'15' 17,024 ppb total VOCs The locations of concern for the groundwater contamination were MW-14 (3/10/11 NAPL; 9/6/11 34,880 ppb total VOCs) and MW-15 (9/6/11 3,022 ppb total VOCs).I sent a letter approving the 1/3/12 RAP - Chemical Oxidation for conducting the work before the property construction. I disapproved the installation of the remote conduit piping before the building construction. In the letter, I also let the Antea Group know that they have to come up with an alternative method of remediation in the event that the treatment methods fail to achieve a level of remediation that is at or below the standards.1/10/12 - Raphael Ketani. I sent an addendum letter to my 1/9/12 letter regarding the Chemical Oxidation RAP. In this letter, I stated that Atlantic Richfield has to delineate the off site groundwater contamination, as depicted in the last diagram in the 1/3/12 Chemical Oxidation RAP. The diagram shows a hot spot of 16,385 ppb of total BTEX that abuts the fencing on the northwest side (4th Avenue). In the letter, I added that if the chemical treatments don't reduce the soil and groundwater contamination to or below the CP-51 standards, then they should consider excavation. Mr. Fleming (212) 675-3225 called in the morning. He tried to convince me to let the building be constructed first and have the piping for the solution treatment wells installed at the same time before the remediation takes place. I told him that my experience has shown me that this method doesn't usually work. I added that if the treatment solutions don't work, then everyone is stuck with high contamination below the new building. Mr. Fleming said that the developer is under a deadline to start the construction or else he will loose the money. I told Mr. Fleming that the idea of treating the soil and groundwater after the construction was unacceptable.Later in the morning Mr. Fleming called again. He said that the sheet piles could be made to go down more than 10 feet. He also stated that they could excavate the site generally down to 14 feet with no problems, excavate some small hot spots to 16 feet, and, if necessary, then drive the piling deeper and excavate further down. I told him this sounded alright. Mr. Fleming closed the conversation by stating that he will have a conference call with his client and Atlantic Richfield in a few minutes to discuss the plan.1/19/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called today. We had a 30 minute phone conversation regarding the site. He argued for having DEC give a verbal approval to allow the construction company to put in piles and excavate generally to 10 feet down. He said that, at that point, they would dig out the contaminated soil in places down to 13 feet (this was 3 feet shallower than he had told me before). Then BP would inject lots of treatment solution into the soil in order to break down the contamination. After this, access piping would be installed for possible future injections and groundwater monitoring. Then the building would be built. I told Mr. Fleming that with the building constructed, you can't take confirmatory soil samples in order to see whether the treatment solutions did the job of reducing the contamination. Mr. Fleming stated that we would know whether the contamination has been sufficiently reduced by monitoring

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the groundwater. If the groundwater concentrations are low, then the treatments are being successful. He added that more treatments would be able to take place if needed. I told Mr. Fleming that all of the hot spots should be dug out. That's the best way to deal with this. Mr. Fleming said that the edge of the property is right up against an 8 foot NYC sewer main and this main is between the site and the subway. I told Mr. Fleming that he had never stated this before. He said that he found this out yesterday when the owner sent him the building drawings. I asked him how deep this sewer was. He said that being 8 feet, it's one of Brooklyn's main sewers. So it must be at least 15 below grade. Mr. Fleming added that he had spoken to the NYC OER and had asked them what would satisfy their requirements for remediation of the site. He said that they told him "Whatever DEC wants." I told Mr. Fleming that this was not an answer and that we always want the contamination cleaned up first. Mr. Fleming said that his client was willing to wait several months for the injected solutions to do their work and then build. However, if this is going to drag on for a year or two, then his client will just walk away from the project. I told Mr. Fleming to send the DEC a letter describing what he is proposing with lots of pictures, diagrams and drawings showing the sewer and I will take a look at his proposal. However, I stated, "I will not promise him anything over the phone." He said that this didn't sound good, but he will send me the plan.1/20/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called me today. He said that he had spoken to his client and had worked out a plan whereby treatment solution injection and confirmatory soil sampling would be possible even with the foundation in place. I asked him how he would accomplish this. He said that 12 inch access ports would be built into the foundation so that drilling can take place in order to inject treatment solutions and take confirmatory samples. Then I asked him how additional treatment solution injections would take place. Mr. Fleming stated that special wells would be installed into the sidewalk that would have very long risers which would curve under the foundation and go into the water table. I told him to send me plans showing the access ports, the 8 foot sewer and the groundwater sampling wells. Mr. Fleming said that he will.Later in the day, Mr. Fleming sent me the plans (4/2/09 foundation plan and 1/29/12 groundwater well sampling plan). 1/23/12 - Raphael Ketani. I reviewed the plans and my notes from my conversations with Mr. Fleming on 1/19/12 and 1/20/12 and before.I sent Mr. Onufrak of ARCO, Mr. Hinshalwood of Antea and Mr. McGuinness of Fleming Lee Shue a letter approving the plan to construct the 12 inch diameter access ports and the groundwater monitoring wells with the very long risers. I stated in the letter that they should try to dig out as much of the contamination as is possible before embarking on the foundation construction. I included copies of the boring and well locations for every boring and well that had elevated VOCs and SVOCs since the project had begun. I also included copies of the DEC 1/9/12 letter warning of possible damage to the subway tunnel walls if the they use sodium persulfate, and that they should include a work schedule for each step of the access port and well construction, and foundation construction. 1/30/12 - Raphael Ketani. Dan Cole of the NYC Office of Environmental Remediation (212) 341-0964 called regarding the site. He said that he wanted to have the owner install a much thicker vapor barrier that would be impervious to product, also. I asked him how thick a barrier. He said 20 MILS. I told him to send a letter to the owners with a "c-c" to me (after the owners agree to this) stating

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that the barrier will be 20 MILS. Mr. Cole said that he will.I received an e-mail from Mr. Cole as a "c-c." The e-mail was sent to Toni Finger of Kramer Levin (presumeably the developer's lawyer). It stated that the OER needed several things in order to close out its review for the site: notarized affidavit from the buyer stating that the previously issued DOB job number will be used for development of the project; information about how the 20 MIL vapor barrier will be installed; a signed and stamped letter from Karl Fischer summarizing the full project description. Upon receipt of the above information, the OER will issue a Notice of No Objection. 2/1/12 - Raphael Ketani. On 1/31/12 and 2/1/12, the Naftali 1/31/12 OER Notice to Proceed, the Witek 1/30/12 Affidavit, the KFA Architects 1/30/12 Affidavit and the 1/1/12 Grace Letter were sent to Mr. Cole. On 1/31/12, Mr. Cole sent a Notice of No Objection to Mr. Finger for DOB Job No. NB-310071294.2/21/12 - Raphael Ketani. Peter Helseth of Fleming-Lee Shue sent an e-mail containing a document describing the use of steel sheet piling in combination with a sealant. This barrier system would be used to prevent oil from seeping onto the site. I responded back by stating that it was the responsibility of the consultant and the developer to make sure that the barrier is appropriate and efficaceous.2/24/12 - Raphael Ketani. Today, I received a letter from Gordon Hinshalwood, PhD. of Antea Group. In the letter Dr. Hinshalwood stated that the 1/3/12 Remedial Action Plan - Chemical Oxidation was being implemented. Excavation will take place generally to 13 feet below grade, and deeper where it is feasible to remove more contaminated soil. The additional soil impacts and the historical groundwater impacts were expected to be addressed by the actions described in the Remedial Action Plan. In addition, redevelopment is scheduled for 2/20/12. Once the basement level excavation is complete, then the ISCO application wells, associated piping and monitoring wells will be installed within 30 days. Also, during this time, the SSDS, vapor barrier and soil sampling access ports will be installed. Redevelopment will be completed in 12 to 24 months. After this time, the soil sampling ports will be sealed and the ability to evaluate the treatments will be very limited.The remedial activities schedule was included in the letter. The first round of solution applications will take place within 14 days of installing the wells. Three additional rounds of solution application are indicated (if this many will be necessary to treat the contamination). Post application soil and groundwater sampling will take place one month after each application. So Dr. Hinshalwood expects the entire remediation process to take no more than 12 months following the initial phase of construction.2/27/12 - Raphael Ketani. I sent an e-mail to Dr. Hinshalwood again warning him about the use of sodium persulfate near a subway structure and to contact the NYCT about its use at the site. I also again asked for the soil descriptions and calculations that were used to determine how much treatment solution would be necessary to remediate the contamination. I contacted the NYCT about the intended use of sodium persulfate by Antea Group, but I could only leave a message.Later, Dr. Hinshalwood called me in response to my e-mail. He said that Antea had contacted the NYCT regarding the proposed treatment solution injections and they are in the process for getting a permit to do the injections. Also, we discussed what type of information the DEC wanted in order to understand whether the solution injections will proceed as planned. Dr. Hinshalwood will send an addendum letter with the information.3/1/12 - Raphael Ketani. Peter Helseth, P.E. of

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Fleming-Lee Shue sent me an e-mail with an attachment showing an alternative product for use as a hydraulic barrier. 3/2/12 - Raphael Ketani. Dr. Hinshalwood sent me an e-mail today. He stated that Clean Earth of Carteret, NJ will be the destination for the contaminated soil that will be excavated. No soil will leave the site until he has an acceptance letter from Clean Earth.3/12/12 - Raphael Ketani. Dr. Hinshalwood sent me the "Addendum to Proposed Schedule for Implementation of Remedial Action Plan" dated 3/12/12 and produced by Antea Group. In the RAP, Dr. Hinshalwood explained that a a permit application to use sodium persulfate was submitted to the NYCT on 2/22/12. Boring logs and Rockware software were used to create cross sections of the site. The soils are predominantly sand and silty sand with peat in the central portion of the site. Soil porosity varies from 25% to 30%. Permeability is from 10-2 to 10-4 darcys, but is highly variable. Cross sectional diagrams were provided which depicted the lateral distribution of the sand, silty sand and peat in the subsurface.He also explained that a pilot test was conducted in the northwest corner of the property in the vicinity of MW-15 and MW-16. The treatment solution was injected into the 4' to 14' interval. It was found that AW-2 would only accept 150 gals. of solution over the course of a day. While AW-1 would accpet up to 280 gals. of solution per day. Dr. Hinshalwood stated that, given the limited reagent volume to be used, it will not affect the subway.The volumes to be used per injection well will likely be 150 to 300 gals. per day. The solution density will be no more than 0.5 kg/gal. The total mass to be injected will be 2500 gals. for this round. This means that each injection well will receive about 75 gals.I responded back to Dr. Hinshalwood by e-mail that the DEC had accepted the RAP without comment, but that no work should proceed until the NYCT sends the permit for using the solution. Also, I stated in the e-mail that the DEC should receive a copy of this permit.3/23/12 - Raphael Ketani. I called up Mr. Fleming (212) 675-3225 today. He said that the removal of the fill material will start April 1. The contaminated fill has been delineated. It will be disposed of. Test piles have been done for the foundation. The foundation plan calls for 14 or 16 soil sampling ports in the foundation floor. The barrier sheeting has been ordered. Fleming-Lee Shue will have someone on site everyday for air monitoring and construction - it is an OER requirement.4/10/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called today. He said that they had wanted to drive the steel sheet piling between the neighboring condo building and the site. However, they found out that the building had already been damaged from vibrations caused by the previous demolition and excavation work to remove the old gas station. The condo building was built in 1911 and can't take any vibrations. The NYC Dept of Buildings has required that seismometers be placed next to the building in order to measure the vibrations. If there are significant vibrations, then all work will have to stop.Mr. Fleming said that this would make it impossible to install the steel sheeting as originally planned. However, he had an alternative method in mind. As the water table is about 20 feet down, he told me that after they have removed the cover soil down to 10 feet below grade, the construction company can dig a trench that extends 10 feet deeper along the property boundary with the condo property. Once this trench is constructed they will hand install, not drive, steel sheeting such that they will have a wall that is 20 feet high. The base of the steel wall will be below the water table and will be keyed into the future building foundation. The wall will be deep enough to stop the

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migration of the oil from the condo property which is appearing at 10 to 13 feet below grade. I told Mr. Fleming that this would be fine and to send me a new work plan. Mr. Fleming said that they are anxious to start the work and the DEC will receive the plan very soon.4/25/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called to say that a UST was discovered below the neighboring condo property (spill #1110410 and #1200737). The contractors for Mr. Fleming were installing the required sheeting when they found free product running into the site from the neighbor's soil. They also saw that the neighbor's parking lot was sinking a couple of inches. They looked at the parking lot east of the building and found an old fill pipe. They stuck a rebar down the pipe and came up with 2 feet of oil. The condo was contacted and they hired YU Associates to do a GPR survey. One 550 gal. tank was found. The tank was emptied and cleaned out and the oil stopped seeping onto the site. The tank will be removed.Mr. Fleming asked whether DEC would allow 267 Sixth Street LLC (alternate address for 363 4th Avenue) to not put in the steel sheeting - as it was intended to prevent oil from seeping onto the site. I told him that since the oil is not moving onto the site, there is no need for the sheeting and it can be left out of the development of the site. I asked Mr. Fleming whether the condo was going to dig out the contamination. Mr. Fleming said that they were talking about it, but they weren't moving. I told Mr. Fleming to suggest to Mr. Naftali that he let his contractor do the excavation and back bill the condo. Mr. Fleming said that this was presently being discussed as he already has his equipment and trucks on site. After this, the conversation ended. 5/2/12 - Raphael Ketani. Arnie Fleming of Fleming Lee Shue called. He is the consultant for the developer of the neighboring site to the west (363 4th Avenue; #8901904). He said that he was at the co-op site yesterday and the contractors had emptied and cleaned out the tank. Because of this, the oil seepage onto 363 4th Avenue had stopped. The tank on the co-op property was a 1,000 gals. and was 2 feet away from the border between the two properties. No piping was found associated with the tank. Mr. Fleming said that he was dewatering his client's property and no oil was flowing in. However, he told Mr. Yu of Yu & Associates that he should start digging out the contaminated soil around the tank as he will stop dewatering and then Yu & Associates will have do their own dewatering in order to remove the contaminated soil. Mr. Yu said that he was waiting for the co-op board to meet in order to give him a decision regarding whether he can proceed with the remediation work. Mr. Yu also state that an oil sample was sent off for fingerprinting. So everyone is waiting for the results. Mr. Fleming said that he emphasized to Mr. Yu that he should take advantage of the present dewatering because it will save him some money.Also, I sent an e-mail to Mr. Fleming stating that the steel sheeting didn't need to be installed as no oil was seeping onto the property and because the only purpose for installing the sheeting was to prevent the seepage.Later today, Rodney Rivera from the Regional Direction office of Region 2 came to the DER floor. He said that there had been a dust and petroleum odor complaint by someone from the co-op next door to Channel 11 News. Mr. Rivera was trying to find out what was happening at the site. I spoke to him and told him that this was the first time that I had been told there were dust and odor problems at the site. I also explained that excavation work was supposed to take place as part of the remediation of the site. However, I also told Mr. Rivera that the UST under the co-op property had just been cleaned out and

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had leaked oil into the ground. So this may also be a source of odors. Next, I spoke to one of the supervisors in the Spills Unit and he ordered a person in his unit to go and investigate the complaint.Next, I contacted Mr. Fleming (212) 675-3225. He said that he is aware that there are odors, but there isn't a significant problem with the dust. However, they are usually mild. However, there are instances of strong odors when they dig in the site to put the pile caps for the foundation. These odors usually affect a resident in the first floor of the co-op as his apartment is right next to the digging. Mr. Fleming also stated that this person's apartment is 5 feet from the newly discovered UST which was just cleaned out. So there will be odors when the soil is dug out in this location. A consultant from PAL Environmental is walking around the site with a PID meter and checking the odor levels. The first floor apartment was investigated for odors, but they are mild. I told Mr. Fleming that he will have to come up with a solution to the odor problem in order to alleviate the issue for this resident. Mr. Fleming said that he will send the DEC a plan in writing, but they will first try sealing the person's windows with plastic and caulk so that there are no air leaks. Maybe this will solve the problem. I asked Mr. Fleming what he and his crew are doing about the odors. Mr. Fleming said that the odors only happen with the initial dig into a location and then they quickly dissipate. However, he is using biosolve (a masking agent). Also, Fleming Lee Shue is now starting to dig out the hot spots. I asked Mr. Fleming to keep me informed. He said that he will. The Spill investigator contacted DER from the site and reported back that presently there were no odors.5/7/12 - Raphael Ketani. Vanessa Meer of Yu & Associates (201) 791-0075, 116 called today and left a message. I tried to return her call, but could only leave a responding message.5/8/12 - Raphael Ketani. I spoke to Mr. Fleming (212) 675-3225 today. I told him that there had been another odor complaint and the EPA was now involved. He said that the neighbor who had been complaining was moved into a hotel across the street from his apartment building. I told him that was fine and I asked who had arranged this. He said that it was the contractor. I asked Mr. Fleming to find out the name of the person who was affected by the odors. Mr. Fleming said that he will. Mr. Fleming added that the odors are of gasoline, not fuel oil. So everytime they dig, some odors appear. He said that he has a guy walking around the site with a PID meter and checking that there are no exceedences of the 10 ppm standard. However, if there are, then the work stops to let the odors disipate. An odor suppressing material was put down, but it's not very effective.Mr. Fleming added that the NYC DOB came by and stopped the work. There's a stop work order. He doesn't know why this happened, but they usually don't get involved in odor complaints. On another note, Mr. Fleming said that they are presently dewatering the site and the water table has been depressed 3 feet. So, if the contractors from Yu & Associates want to, now is the time to dig out the soil contamination. I told Mr. Fleming that the co-op may not be ready to remediate the spill.5/9/12 - Raphael Ketani. I spoke to Ryan Piper, EG I of the Region Spills Unit, about the latest odor incident. He said that the odor incident was called into the Spills Hotline by the NYC DEP. The incident was assigned spill number 1200916. Mr. Piper told me that he went to the site, but didn't find any odors. I told him that the citizen who had been complaining about odors in his apartment had been moved to a hotel. I asked him whether he knew the name of the citizen. Mr. Piper said that he didn't.

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However, he said that the spill case had been closed and referred back to this one. Tona Construction and Management, 615 Baltic Street, Brooklyn, 11217 is the construction company. The contact is Michael Izzo, General Superintendent, at (718) 399-3800/cell (718) 825-9309.5/11/12 - Raphael Ketani. Steve Sangesland, Duty Desk Officer for the Region 2 Spills Unit, gave me a note that Matt Law (718) 593-9028 had tried to contact someone at the DEC regarding odors from the former BP station. I spoke to Mr. Law at length about the site, about the nature of the contamination (that is was just gasoline) and about the procedures for monitoring and managing the vapors and odors. He said that he was concerned that something else had contaminated the site, other than gasoline. I asked him whether he was the resident who had been moved to the hotel. Mr. Law said that he was not and that he lives on the other side of the building from the site. He stated that he was glad that the DEC was aware of the situation and that the contractors were managing the odors. I explained that they are working to get rid of the contamination as fast as possible in order to alleviate the odors and that the building that will be built will have a vapor barrier and a passive vapor venting system. So this building will be safe to live in. With that, Mr. Law thanked me for all of the information and the conversation ended. 5/18/12 - Raphael Ketani. I received a copy of a letter today by e-mail from Antea Group. The letter was dated 5/16/12 and was sent by Antea Group in response to comments by the NYCT regarding the use of sodium persulfate to treat the contamination and the extent of the contamination. I reviewed the letter. From its contents, I determined that Antea Group had adequately responded to the NYCT's comments and concerns.5/30/12 - Raphael Ketani. I received an e-mail today from Peter Helseth of Fleming Lee Shue. He stated that most of the foundation elements have been constructed on the site and the area for the foundation walls has been capped with clean stone. There is no more exposed soil, nor excavating taking place. So air monitoring has been stopped.6/7/12 - Raphael Ketani. I received a call from Jay Solomon (212) 661-9400, the attorney for the Shepherd family that had been moved out of apartment 1G at 270 5th Street. He said that when the foundation was laid at the construction site next door, lots of oil vapors entered the apartment and the parents and two kids had to be moved into a hotel temporarily. However, he added that the foundation work has been finished. I told Mr. Solomon to contact the company responsible for the air monitoring and have them do a followup indoor air inspection just to be sure everything is alright. He said that the vapors had come from the construction site. I told him that the vapors would more likely come from the 1,080 gal. UST site because there is lots of contaminated soil there and this location is much closer to apartment 1G. Mr. Solomon didn't comment on this. I added that once the tank is removed, the contamination in the soil is exposed and the oil will vaporize. In any event, I said, it would be good to have a followup indoor air survey done of the apartment. I told him that Fleming Lee Shue was the consultant in charge of setting up the air monitoring and he should contact them. With that, the conversation ended.I tried to contact Mr. Fleming (212) 675-3225 regarding the attorney's request for another indoor air inspection, but I could only leave a message.Mr. Helseth from Fleming Lee Shue called in response to my message. He said that Mr. Fleming was out today, but he will take care of anything that's an issue. I explained that Mr. Solomon had called and wanted a vapor survey performed in his client's apartment. Mr. Helseth said that

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this will be done. I added that a vapor survey should also be done in the hallway outside the apartment, outside the building itself and next to the excavation area for the 1,080 UST. Mr. Helseth said that this will be done.Later, Mr. Fleming called. We discussed the issue of doing a PID survey in the Shepherd's apartment. I told him that the DEC also wanted a survey inside the building's hallway, just outside the apartment, just outside the apartment in order to get the ambient air concentrations, then next to the UST removal site and finally next to the border of the two concerned properties (condo and excavation site). Mr. Fleming said that he will talk to his client about this.Some time later, Mr. Fleming left a phone message that all parties had agreed to do the vapor surveying. The co-op board was being contacted and it was hoped that the surveying will take place tomorrow, 6/8/12. Mr. Fleming stated that he will keep me posted.6/8/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called me regarding doing the vapor testing inside apartment 1G at the co-op and outside at the UST excavation location. Mr. Fleming told me that the lawyer told him not to enter the property and that Yu & Associates will do the work. I told Mr. Fleming that it didn't matter who was going to do the testing, just that the DEC gets the data.Later, I contacted Mr. Leung (201) 791-0075/cell (201) 310-2501 and explained that I wanted Yu & Associates to do the vapor survey. Mr. Leung said that more than one resident had been complaining about vapors from the BP site a while ago. I asked him whether they still were complaining. He said "No." Mr. Leung added that nothing is happening right now as he was told the DEC wanted to take a look at the soil delineation results first before more excavating takes place. I told him that was not true. I told him that the DEC wants Yu & Associates to move as quickly as possible to excavate the contaminated soil, then submit the end point results once all of the soil is removed, and then go forward with installing groundwater wells. Mr. Leung said that he thought this was what the DEC wanted. So he will mobilize his crew.6/14/12 - Raphael Ketani. Mr. Fleming left me a message today. He said that one of his workers did a PID survey of the neighborhood. The only vapor detections were about 8 ppm just across the property fence with 270 5th Street. The detections were at the location of the open tank grave. Mr. Fleming added that the tank is sitting on the ground and hasn't been removed and the tank grave is uncovered. His worker was not able to do a PID survey of the Shepherd's apartment as he was not allowed access. 6/18/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called me regarding doing the neighborhood vapor survey. He said that the only detections were at the location of the tank removal next door. However, there is another construction site to the south across the street and they are doing dewatering. There is a 20,000 gal. Baker Tank for storing the recovered water on site before disposal. Mr. Fleming didn't know what the site used to be. He did state that the groundwater level always was a little lower than expected on the southern side of the site. Now he understands why. Lastly, he said that the developer is going to pour the concrete floor very soon. However, BP and Antea Group have not done the first round of treatment solution injections. By way of the timing for letting the treatment solutions do their work, they will miss the opportunity to do a second round of treatment (if necessary) if BP and Antea don't move quickly. Mr. Fleming said that he will keep me informed.I tried to conact Mr. Onufrak (410) 825-8213 regarding having the first round of treatment injections performed. However, I could only leave a

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message.Next, I contacted Dr. Hinshalwood at Antea (914) 495-9950. I told him that the developer was going to install the floor for the new building very soon and that BP and Antea should do the solution injections very soon. Otherwise, they may not have the opportunity to do them. Dr. Hinshalwood said that Antea has been in touch with the developer on a daily basis in order to know when there is a pause in the construction and they can do the injections. He said that the injections will take place in wells that will be installed at two depths throughout the site - as had been agreed upon. I told Dr. Hinshalwood that was correct, but Mr. Fleming had lead me to believe that doing the injections wood not be possible as the floor would be completed. Dr. Hinshalwood said that they would bore through the floor to install the needed wells. He added that he was not the project manager anymore. He said that the new project manager is Tim Fisher (914) 495-9935. He said that he will have Mr. Fisher call me regarding the project and the solution injecting. I told him that would be fine. As an alternate, Dr. Hinshalwood said, I could also talk to Chris Meyer (914) 495-9937, the portfolio manager, about the project. With this, the conversation ended.6/19/12 - Raphael Ketani. Chris Meyer of Antea Group sent me the following e-mail:As a follow-up to the conversation you had yesterday with Gordon Hinshalwood, I thought this update was appropriate. I realize it's been a little while since we discussed this project.In accordance with the RAP that was approved by the NYSDEC on March 15th, last Friday (June 15), we completed the installation of the ISCO application wells and ground water monitoring wells along the western property boundary. Installation of the sub slab depressurization piping and soil vapor barrier was also completed last Friday by the developer. Per the email approval you provided to the developer on May 2, the steel sheeting was not installed by the developer.Yesterday (June 18), the developer poured the concrete slab for the building.Today, we are collecting baseline readings from the newly installed monitoring wells present along the western property boundary, as requested by the Transit Authority (TA). At this time we are in the process of coordinating the first ISCO application. We do not have a definitive schedule of when the first application will occur, but we expect it will be in July.6/25/12 - Raphael Ketani. Mr. Meyer sent me an e-mail stating that the first ISCO is scheduled for thursday, 6/28/12.7/9/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called to say that the first injections took place about a week ago.8/16/12 - Raphael Ketani. Mr. Fleming sent me an e-mail stating that BP installed the groundwater treatment injection pipes and performed the first injection about two weeks ago. However, they were not keeping him in the loop. The building is progressing and is well above grade.8/22/12 - Raphael Ketani. I responded to Mr. Fleming's last e-mail and stated that there was a meeting with staff from BP yesterday. They had indicated that the building construction is moving forward and that 3 rounds of injections had already taken place. They were concerned that groundwater injection and confirmatory soil sampling access could be lost as the construction was moving so quickly that the access portals will be closed soon. I added that the groundwater samples to be taken after the treatment injections must be at or close to GA standards. If they are not, then more treatment will have to take place. If the foundation portals are closed up before the groundwater is sufficiently remediated, then the DEC will contact the NYC DOB and the NYC OER and tell them to hold off on issuing the Certificate of Occupancy. Mr. Fleming called me.

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He said that the soil confirmation access ports will remain open until next summer. The holes will be closed only just before the owner goes for his Certificate of Occupancy. 10/15/12 - Raphael Ketani. I tried to contact Tim Fisher (914) 495-9935 and Chris Meyer (914) 495-9937 of Antea Group, and Nick Onufrak (410) 825-8213 of BP regarding progress at the site and whether confirmatory soil borings had been taken and whether groundwater samples had been taken. However, I could only leave voice messages. Mr. Meyer called me back. The last injection was completed. All 8 applications have been completed. The sodium persulfate solutions and EDTA chelated iron are in the ground. On October 22, Antea is going out to do groundwater and soil confirmatory sampling.10/18/12 - Raphael Ketani. Mr. Meyer called. He said that due to the crane still being in place for constructing the building, the sampling date has been pushed back to October 24.10/22/12 - Raphael Ketani. Mr. Meyer (914) 495-9937 called. He said that the soil and groundwater confirmatory sampling has been pushed back to November 5, 2012. The sampling will take 5 to 6 days.11/12/12 - Raphael Ketani. Mr. Fisher left me the following e-mail message today: Today we are beginning the process of collecting confirmation soil and grab ground water samples from below the building slab at former BP station 13397 to determine if impacts remain following the completion of ISCO applications. We expect site activities to last through this Thursday.1/9/2013 - Raphael Ketani. A conference call took place today between Nick Onufrak of BP-ARCO(410) 825-8213, Chris Meyer (914) 495-9937 and Gordon Hinshalwood (914) 495-9950 of Antea Group and myself. The subjects of the call were the groundwater and soil sample results and the Certificate of Occupancy for the building. Mr. Onufrak stated that they had received the soil and groundwater results after 8 rounds of solution injections had taken place. The results were not good. There wasn't much improvement. They wanted to know whether this would affect the ability of the building's owner to get the Certificate of Occupancy. I told him that the poor results will. I added that you can't have a building sitting over a pool of oil. The vapors will travel up the footings and into the concrete walls of the basement - bypassing the vapor barrier - and then into the building. Mr. Meyer stated that the building will have a vapor barrier and a passive venting system. I told everyone that another way to reduce the contamination has to be found. I added that I had another case with the same problem and they can't get a permanent C of O as they have oil seeping under the property. Their contamination was known, but the owner built his building anyway. I also said that the DEC would have to contact the NYC OER and they would let the NYC DOB know that someone has built on top of contamination that still exists. I asked whether the groundwater could be extracted. Mr. Meyer said that the wells can't pass a pump down the pipe. I asked whether just pushing a hose down each well would suffice. Mr. Onufrak and Mr. Meyer said that they will have to consider what can be done. They will send the DEC the report with the analytical results.Later, I talked to Dan Cole of the NYC OER and passed the above case notes to him via e-mail. He responded back by e-mail.1/10/13 - Raphael Ketani. I responded to Mr. Cole's 1/9/13 e-mail (see the e-docs). I stated in the e-mail that a meeting needed to be held with all parties in order to make everyone aware of the continuing existence of the oil and contamination below the site. We would also have to discuss what can be done to resolve this problem.1/24/13 - Raphael Ketani. The meeting took place as planned. In attendance were representatives from the owner's

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consulting company, the lawyer for the owner, BP, BP's consultants, BP's lawyer, Dan Cole from the NYC OER and myself. I brought up the issue that despite the numerous rounds of solution injections, the Department was informed that the contamination was still about as concentrated as before. I stated that an alternative means of remediation needed to be found and employed. Mr. Hinshalwood stated that only a 5% solution was used for the rounds of injections. As the site is next to the subway tunnel, this was the strength limit of the solution that the MTA would approve. I told Mr. Hinshalwood that this explained why the contamination hadn't been broken down. I again insisted that a remediation method be found to reduce or remove the soil contamination. I also stated that there was product on the water table. Mr. Onufrak and Mr. Meyer stated that they will start using a vacuum truck to collect the product from one well where they have seen free oil. I told them to submit a work plan and I gave them 30 days from today to do so. Mr. Onufrak said that this was enough time. Mr. Onufrak stated that two wells were destroyed during the building construction. I told him that the re-installation of the wells must be part of the work plan. I asked them when I will receive the soil confirmatory sampling data report. Mr. Meyer said that it was still going through internal review, but the DEC should receive it soon. The meeting ended with an agreement to present an alternative means of remediation. 2/1/13 - Raphael Ketani. Mr. Meyer (914) 495-9937 sent me an e-mail stating that a site visit was made on January 30 to see whether it was possible to position a vacuum truck near some of the wells in order to collect the groundwater. A location was found where the vacuum truck could park. So the first vacuum event will take place the week of February 11. Stingers will be used to collect groundwater from the observation wells.2/7/13 - Raphael Ketani. Mr. Meyer sent me the following e-mail:The first VEFR event is scheduled to take place on Wednesday, February 13th. Six consecutive weekly VEFR events are planned. 2/15/13 - Raphael Ketani. I received the following e-mail from Mr. Meyer: The first VEFR event took place this past Wednesday, February 13th. The next VEFR event is scheduled for Wednesday, February 20th to gain additional information. We will also be submitting a VEFR work plan to you next week. I've also attached the report we've prepared to summarize a number of activities that were implemented as proposed in the Remedial Action Plan - Chemical Oxidation, dated January 3, 2012, the Proposed Schedule for Implementation of Remedial Action Plan addendum, dated February 22, 2012, and the Addendum to Proposed Schedule for Implementation of Remedial Action Plan, dated March 12, 2012. As such, the post-application sampling results we discussed during our meeting in January, are also presented.2/19/13 - Raphael Ketani. I finished my review of the Antea Group 2/13/13 Remedial Action Summary Report.From 4/11/12 to 5/25/12, 7386 tons of contaminated soil were excavated and taken to Clean Earth of Carteret, NJ. Between 4/26/12 and 6/19/12, 75,297 gals. of groundwater accumulated on site and this was taken to Lorco Petroleum Services in Elizabeth, NJ as non-hazardous waste. The SSDS system was installed prior to construction of the foundation. It consisted of 4 inch schedule 40 PVC piping with 0.020 slots benaeath the concrete basement slab. The piping was laid down in a layer of 3/4 inch crushed stone that is 4 feet thick with 3 risers extending through the slab, which will be extended to the roof. A Grace Preprufe 300R and 160R/Bithuthene 4000 vapor barrier was installed.Eight (8) soil borings were performed from 5/24/12 to 6/12/12. These borings were turned into wells OW-1A to OW-4A and

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OW-1B to OW-4B. The borings were started at the excavation floor, which was 10 feet bgs. OW-1A to OW-4A were drilled to 30 feet bgs. OW-1B to OW-4B were drilled to 20 feet bgs. The wells were installed along the western boundary of the property which is along 4th Avenue in order to monitor the sodium persulfate concentrations and the groundwater.During the same time interval, 16 soil borings were performed and were turned into wells for the purpose of injecting the treatment solutions. These wells were AW-1A to AW-8A and AW-1B to AW-8B. The borings started at the excavation floor. AW-1A were finished at 16 to 19 feet bgs and AW-1B to AW-8B were finished at 24 to 28 feet bgs. Each well was connected with a 2 inch diameter PVC hose.AW-1 (A,B) to AW-4 (A,B) and AW-7(A,B) were used to treat the soil and the groundwater under the western portion of the site. AW-3 (A,B), AW-6 (A,B) and AW-8 (A,B) were installed to treat the soil and groundwater under the central portion of the site. AW-5 (A,B) were installed in order to treat the soil and groundwater under the southwestern portion of the site.Soil samples were only taken from the deep B series of borings due to the proximity to the shallow A series of borings. No soil samples were taken from AW-1B or AW-7B. The analytical results showed exceedences at AW-2B to AW-4B, AW-6B, AW-8B, OW-1B to OW-4B.On 2/21/12 (dated as 2/21/13 in the report), groundwater samples were collected from MW-13, MW-15, MW-16, MW-20, MW-22 and MW-24. The VOC results for MW-13 were all non-detect. Those for MW-15 were extremely high. MW-16 had VOC results from just a little above the TOGS standards to below the standards. The results for MW-20 were all a little above the standards. MW-22 had 2 high VOC hits with the rest being low to moderate hits. MW-24 had hits from below to 3 a little above the standards. Pre-injection groundwater samples were taken on 6/19/12 from OW-1A to OW-4A and OW-1B to OW-4B. Each of the samples had exceedences for almost all of the TOGS 1.1.1 standards. All of the samples, except for OW-4B, had very high exceedences for total xylenes and ethylbenzene. OW-1A, OW-2A, OW-1B and OW-2B had very high exceedences for 1,2,4-trimethylbenzene. OW-2A, OW-2B, OW-3A and OW-3B had very high benzene exceedences. OW-1A, OW-2A, OW-2B, OW-3A and OW-3B had very high toluene exceedences. OW-1A, OW-1B, OW-2A and OW-2B had very high naphthalene and 1,3,5-trimethylbenzene exceedences. OW-1A, OW-1B and OW-2A had very high n-propylbenzene exceedences.Eight applications were performed from 6/28/12 to 9/20/12. The sodium persulfate solutions were applied over several rounds at a concentration of 50,000 mg/l for each individual injection. This concentration was required by the NYCT as they were concerned that stronger concentrations would affect the subway tunnel bordering the property under 4th Avenue. About 12,800 gals. of 50,000 mg/l solution was injected with ferrous iron as an activation chemical. Staff at Antea Group calculated that an injected concentration of 130,000 mg/l would degrade to 5,000 mg/l at the property boundary, which would further degrade to 15 mg/l at the tunnel. Post injection, 6 borings were performed from 11/12/12 to 11/14/12 to 26.5 to 38.5 feet bgs. These were SB-33 to SB-38. A seventh boring, SB-39, hit refusal at 17 feet bgs and SB-40 hit a void below ground and could not be completed. The analytical results for the soil samples from the 6 borings all had exceedences. SB-33 had extremely high VOC exceedences and many SVOC exceedences. SB-34 was tested only for VOCs and had high hits. The SB-35 results were a little above standards to non-detect. SB-36 had low to high VOCs and SVOCs exceedences. SB-37 had low VOC hits, but extremely high SVOC exceedences. SB-38 had extremely high VOC hits and low to moderate

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SVOC exceedences.The median soil contamination total concentrations increased after the injections from 12,330 ppb total VOCs to 22,869 ppb. The mean total soil SVOC concentrations decreased from 14,691 ppb to 3914 ppb.Groundwater samples were taken from 11/12/12 to 11/14/12. SB-33 had many very high VOCs, and SVOC exceedences. SB-34 and SB-35 had high to very high VOCs. The water sample from SB-36 had 5 high VOCs and many high SVOC hits. SB-37 had high to very high VOC hits and low to high SVOC hits. SB-38 had many very high VOCs and also SVOC exceedences.Later, groundwater was sampled on 1/8/13 from OW-1A, OW-1B to OW-4A, OW-4B. The groundwater samples from OW-1B, OW-2A, OW-2B and OW-3B had many very high VOC hits and SVOCs which were mostly non-detect to low hits below TOGS with a few low exceedences. The sample from OW-4A had VOC hits from below the standards to 4 very high exceedences. OW-4B had VOC hits from below the standards to several moderate exceedences. I approved the data in the report as it gave a reasonable picture of the degree of soil and groundwater contamination below the site. However, it will remain to be seen how effective the VEFR events are in reducing the groundwater contamination.2/21/13 - Raphael Ketani. I sent Mr. Hinshalwood (914) 495-9950, Mr. Meyer (914) 495-9937 and Mr. Onufrak (410) 825-8213 an e-mail stating that the DEC wanted groundwater to be sampled from the MW, AW and OW series of wells. Mr. Hinshalwood (914) 495-9950 responded back by e-mail stating that the MW series of wells were destroyed by the foundation construction, except for MW-13 which will be used to monitor the groundwater when the construction ends. Also, he stated that the AW series of wells were not accessible and wells OW-1A and OW-1B had been destroyed, but will be reinstalled. So only 9 wells will be available for monitoring. The OW series are all along 4th Avenue. MW-13 is along 6th Street along the southern border of the property.2/25/13 - Raphael Ketani. I received the 2/22/13 Antea Group Vacuum Enhanced Fluid Recovery Work Plan. The purpose of the plan is to extract NAPL and contaminated groundwater. VEFR events will take place weekly. Wells OW-1A to OW-3A will be used for VEFRing. Stinger devices will be used in the wells to collect the total liquids. Vacuuming using a vacuum truck will be undertaken for a single well. During the vacuuming event, the radius of influence (ROI) will be determined. Vacuuming will be conducted for 2 hours at each observation well. At the end of each VEFR event, product and groundwater levels will be gauged. The volume of NAPL and groundwater collected will be measured and recorded. The vacuum will be measured every 30 minutes. Vapor concentrations will be measured every 15 minutes using a PID meter. Before any future solution injection applications are performed, it will be determined whether the ROI extends under the western border of the property. Data from the ROI and the VEFR events will be used to determine whether more extraction wells are needed. 2/26/13 - Raphael Ketani. I found the Vacuum Enhanced Fluid Recovery Work Plan to be acceptable with the comment that the product and groundwater gauging must take place before the VEFR or vacuum events take place. I added that monthly progress update reports must be submitted to the DEC by the third week of the month following the VEFR and vacuum events and gauging. The progress reports must include the NAPL and groundwater elevations, the amount of product recovered and the groundwater flow map. I also added that quarterly groundwater analytical reports must be submitted no later than 30 days following the date of sample collection. The sampling must be for the expanded lists of VOCs and SVOCs.I drafted a letter for the review of Mr. Hussein with the above approval and

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requirements.Mr. Hussein approved the letter and it was sent out.3/1/13 - Raphael Ketani. Mr. Meyer (914) 495-9937 sent me the below e-mail today:Three vacuum enhanced fluid recovery events were conducted at former service station 13397 on February 13th, February 20th, and February 27th, 2013. The objective of these events was to recover any NAPL that may have been present (as was evident from a sampling event in one of the observation wells along Fourth Avenue in January), and to explore the potential for ground water recovery using this technology on the existing wells (OW-1 through 3), which are located under the newly-constructed building with remote access ports for sampling located in the sidewalk as proposed in the approved Vacuum Enhanced Fluid Recovery Work Plan dated February 22, 2013.Ground water samples were collected from Observation Wells OW-1A, OW-1B, OW-2B and OW-3B on February 27th and will be compared to the "baseline" ground water samples collected from the observation wells in January 2013 (before the VEFR events) to see if there is any significant change in VOC concentrations. Monitoring well MW-13 is located beneath some temporary infrastructure that is being used as part of the building construction. As such, it could not be sampled.To date, minimal water (115 gallons) and no measurable NAPL was recovered during the three extraction events, indicating that the practical application of this technology for hydraulic control is limited. Additionally, no significant vacuum influence was observed in surrounding wells during any of the extraction events, and vapor recovery was minimal as well, indicating that insufficient air flow was induced to mobilize significant vapor mass. Given these results, it is unlikely that this remedial approach will recover significant contaminant mass from the subsurface. At this point, no additional extraction events are planned, pending a review of the results of the ground water samples that were collected. Per your approval letter, we will be providing a more formal summary of these results in the third week of March. As I mentioned in my email on 2/21/13, efforts are also underway for Naftali to replace the two sidewalk wells that were destroyed during their construction activities (OW-1 and OW-3A).

----------I responded by e-mail stating that the Atlantic Richfield Company and Antea Group had to find a way of recovering the contaminated groundwater, even if this meant installing larger diameter wells or more wells.3/6/13 - Raphael Ketani. Mr. Meyer sent me the contact information for the person at the MTA who approved the sodium persulfate treatment plan. This person is Rajen Udeshi (646) 252-3673.3/7/13 - Raphael Ketani. I spoke Mr. Udeshi. He said that he didn't do the analysis to determine that a 5% solution was required. He added that he is a Principal Engineer and a structural engineer. However, he is only involved in coordinating the treatment solution application process. Mr. Udeshi told me that Emil Dul (dool), Principal Engineer, MTA Environmental Group, at (646) 252-2405 is the person who calculated what the treatment solution concentration should be.I spoke to Mr. Dul. Mr. Dul said that whenever a treatment project is proposed within 200 feet of an MTA tunnel or such, then the Six Agency rule comes into play. He said that the six agencies include the Fire Department, the NYC DOB and a few others. The rule is administered by the NYC DOB. The engineer or architectural drawings need the approval of the six agencies. He said that some time ago, a meeting took place between the consultants from Antea Group and staff from the MTA to discuss

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the proposed sodium persulfate treatment plan. Mr. Dul added that the MTA was concerned that the treatment solution not leave the site - in other words, be completely used up - so that the subway tunnel would not be affected. Mr. Dul said that once they had all of the information, then they considered the treatment plan, which included drawings showing the locations of the injections points. Staff from the MTA went over the calculations for obtaining the solution mixture that Antea Group wanted to use and what the expected concentration would be at the property boundary. However, Mr. Dul said, he was not sure of all of the details regarding what had transpired. So he wanted to call me back with the rest of his staff to discuss the matter. I told him that would be fine, but that I still wanted to know who in MTA had decided that a 5% solution was the correct concentration. Mr. Dul responded that Antea Group had proposed this in order to make sure the solution would be used up and to prevent its escape from the site. With that, the conversation ended.Later, Mr. Dul called me back and started a conference call with Derrick Braithwaite and Mary Kong, engineers from the MTA. Mr. Dul lead the conversation. He said that the MTA met with Antea Group on 3/27/12. They discussed the proposed treatment plan. On 5/16/12, the MTA sent Antea Group a letter with many questions regarding the injection plan. Antea Group later responded back. Mr. Dul was emphatic that the MTA never asked Antea Group why they were going to use a 5% solution. He added that they never challenged what Antea Group was proposing. The MTA's only concern was that the treatment solutions not contact the subway tunnel. Ms. Kong stated that they wanted sentinel wells installed (which Antea Group did). Antea Group told them that they modeled the injections and had confidence in the model. Mr. Braithwaite said that he went to the site twice to witness the injections. Mr. Dul stated that the MTA simply doesn't want anything getting near the concrete. As long as the groundwater is non-detect for persulfate, then they are happy. He added that the MTA doesn't approve the outside consultant's plans. They only accept them. With that, the conversation ended.3/12/13 - Raphael Ketani. Mr. Meyer sent me an e-mail stating that wells OW-4A and OW-4B will be replaced today.3/29/13 - Raphael Ketani. Mr. Meyer sent me the 3/22/13 Antea Group Progress Update Report. VEFR events took place on 2/13, 2/20 and 2/27. The wells used were OW-1A, OW-2A and OW-3A. OW-4A was not used as it had been destroyed. No NAPL was recovered during any of the events. Vapor concentrations in the wells were typically less than 100 ppm during each of the VEFR events. Groundwater was sampled on 2/27 and 3/7 from OW-1A, OW-1B, OW-2B and OW-3B. BTEX was very high in all of the samples and was up to 9840 ppb. Total VOCs ranged up to 11,321 ppb. The SVOCs were only slightly elevated. On 3/12/13, OW-4A-R and OW-4B-R were installed.

Remarks: TWO 4K TANKS FAILED PETRO. (1) LR = -0.448 GPH, (2) LR = GROSS.

Material:

Site ID:	90896
Operable Unit ID:	929176
Operable Unit:	01
Material ID:	2106611
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported

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Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	90896
Operable Unit ID:	929176
Operable Unit:	01
Material ID:	449628
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	True

Tank Test:

Site ID:	90896
Spill Tank Test:	1535513
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

NY MANIFEST:

EPA ID:	NYP000928358
Country:	USA
Mailing Name:	AMOCO SS C/O ISLAND TRANSPORTATION CORP
Mailing Contact:	HERBERT E LAUTH
Mailing Address:	299 EDISON AVENUE
Mailing Address 2:	Not reported
Mailing City:	WEST BABYLON
Mailing State:	NY
Mailing Zip:	11704
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	516-694-4800

Document ID:	NYB7846155
Manifest Status:	Completed copy
Trans1 State ID:	PD3678
Trans2 State ID:	Not reported
Generator Ship Date:	960905
Trans1 Recv Date:	960905
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960905
Part A Recv Date:	961224
Part B Recv Date:	960923

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Generator EPA ID: NYP000928358
Trans1 EPA ID: NYD986908085
Trans2 EPA ID: Not reported
TSDF ID: NYD082785429
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00500
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NYG0123795
Manifest Status: Completed copy
Trans1 State ID: GX3213
Trans2 State ID: Not reported
Generator Ship Date: 970313
Trans1 Recv Date: 970313
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970317
Part A Recv Date: 970325
Part B Recv Date: 970325
Generator EPA ID: NYP000928358
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity: 01326
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 97

SPILLS:
Facility ID: 0307900
DER Facility ID: 82010
Facility Type: ER
Site ID: 90895
DEC Region: 2
Spill Date: 10/27/2003
Spill Number/Closed Date: 0307900 / 10/27/2003
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 10/27/2003
CID: 204
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: Not reported

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Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/27/2003
Spill Record Last Update:	7/26/2004
Spiller Name:	BRAD FISHER
Spiller Company:	BP SERVICE STATION 13397
Spiller Address:	363 4TH AVENUE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	BRAD FISHER
Contact Phone:	(914) 765-8198
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"10/27/03. Ref. to spill # 8901904. YK.
Remarks:	STILL UNDER INVESTIGATION

Material:

Site ID:	90895
Operable Unit ID:	874291
Operable Unit:	01
Material ID:	501426
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BK582 **869 8TH AVE/MANHATTAN** **NY LTANKS** **S102671528**
ESE **869 8TH AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.403 mi.
2128 ft. **Site 2 of 2 in cluster BK**

Relative:
Higher

Actual:
63 ft.

LTANKS:

Site ID:	74517
Spill Number/Closed Date:	9001060 / 4/28/1990
Spill Date:	4/28/1990
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	4/28/1990
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	JAMES
Referred To:	Not reported
Reported to Dept:	4/28/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party

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Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/11/1990
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	HESS OIL
Spiller Address:	238 WEST FORT LEE RD
Spiller City,St,Zip:	BAGOTA, NE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	283606
DEC Memo:	Not reported
Remarks:	FAULTY GAUGES IN TANK, CREW BEING SENT TO CLEAN UP SPILL, SAND BEING USED, SPILL CLEANED UP.

Material:

Site ID:	74517
Operable Unit ID:	939493
Operable Unit:	01
Material ID:	439412
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BJ583 **CON EDISON (12TH AVE AND 45TH STREET)** **NY SWF/LF** **S105265278**
WSW **12TH AVENUE AND 45TH STREET** **N/A**
1/4-1/2 **NEW YORK, NY 10036**
0.404 mi.
2134 ft. **Site 3 of 4 in cluster BJ**

Relative:
Lower

Actual:
9 ft.

SWF/LF:

Flag:	INACTIVE
Region Code:	2
Phone Number:	2124602362
Owner Name:	CON EDISON CO OF NY; INC.
Owner Type:	Private
Owner Address:	4 IRVING PLACE
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10003
Owner Email:	Not reported
Owner Phone:	2124604833
Contact Name:	Not reported
Contact Address:	Not reported

CON EDISON (12TH AVE AND 45TH STREET) (Continued) **S105265278**

Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[31W17]
Active:	No
East Coordinate:	0
North Coordinate:	0
Accuracy Code:	Not reported
Regulatory Status:	Registration
Waste Type:	Not reported
Authorization #:	0
Authorization Date:	Not reported
Expiration Date:	Not reported

BJ584 **CONED** **NY SWF/LF** **S105841933**
WSW **12TH AVE** **NY MANIFEST** **N/A**
1/4-1/2 **NEW YORK, NY**
0.404 mi.
2134 ft. **Site 4 of 4 in cluster BJ**

Relative:
Lower

Actual:
9 ft.

SWF/LF:

Flag:	INACTIVE
Region Code:	2
Phone Number:	2124604833
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	HARRY A. COATES
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[31W19]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported

NY MANIFEST:

EPA ID:	NYP004246171
Country:	USA
Mailing Name:	CONED
Mailing Contact:	CONED
Mailing Address:	4 IRVING PLACE

CONED (Continued) **S105841933**

Mailing Address 2:	15TH FLOOR
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-01-06
Trans1 Recv Date:	2012-01-06
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-01-06
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004246171
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	009204649JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-01-06
Trans1 Recv Date:	2012-01-06
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-01-06
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004246171
Trans1 EPA ID:	Not reported

CONED (Continued) **S105841933**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	009204649JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

BM585 **CON EDISON - WEST 45TH ST. GAS WORKS MGP** **EDR MGP** **1008407995**
SW **12TH AVE BETWEEN WEST 44TH AND WEST 46TH STS.** **N/A**
1/4-1/2 **NEW YORK, NY 10019**
0.405 mi.
2138 ft. **Site 1 of 2 in cluster BM**

Relative:
Lower

Manufactured Gas Plants:
No additional information available

Actual:
13 ft.

BM586 **CON EDISON - 12TH AVE. WORKS MGP** **EDR MGP** **1008407975**
SW **12TH AVE BETWEEN W 46TH AND W. 45TH** **N/A**
1/4-1/2 **NEW YORK, NY 10019**
0.405 mi.
2138 ft. **Site 2 of 2 in cluster BM**

Relative:
Lower

Manufactured Gas Plants:
No additional information available

Actual:
13 ft.

BN587 **WEST 61ST STREET TENNIS COURT AREA SITE** **NY ENG CONTROLS** **S110137780**
NE **218 WEST 61ST ST** **NY INST CONTROL** **N/A**
1/4-1/2 **NEW YORK, NY 10023** **NY BROWNFIELDS**
0.408 mi.
2152 ft. **Site 1 of 4 in cluster BN**

Relative:
Higher

Actual:
71 ft.

ENG CONTROLS:

Site Code:	376802
HW Code:	C231059
Control Code:	15
Control Type:	ENG
Date Record Added:	11/20/2009
Date Rec Updated:	10/24/2011
Updated By:	SRHEIGEL
Site Description:	Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the West 61st Street Tennis Court Area Site (C231059), and the West 61st Street Site (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west. Site Features: The site is a paved tennis court with landscaped areas. Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood. Historical Use: The Phase I Site Assessment identified that Lot 43 operated as a gasoline station and contained underground storage tanks (USTs). Site Geology and Hydrogeology: The topography of the site slopes gently to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.
Env Problem:	Nature and Extent of the Contamination: Exceedances of the TAGM 4046 recommended soil cleanup objectives include SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal, and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was installed consisting of a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with landscaping elements. The composite cover system acts as a permanent engineering control on the site.The terms of the Brownfield Cleanup Agreement have been met. The remediation at the site has been completed. The site is now in Site Management Phase.
Health Problem:	The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

WEST 61ST STREET TENNIS COURT AREA SITE (Continued) **S110137780**

INST CONTROL:
Site Code: 376802
Control Name: Environmental Easement
HW Code: C231059
Control Code: J
Control Type: INST
Dt record added: 11/20/2009
Dt rec updated: 10/24/2011
Updated By: SRHEIGEL
Site Code: 376802
Site Description: Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the ?West 61st Street Tennis Court Area Site? (C231059), and the ?West 61st Street Site? (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west.
Site Features: The site is a paved tennis court with landscaped area s.
Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood.
Historical Use: The Phase I Site Assessment identified that Lot 43 o perated as a gasoline station and contained underground storage tanks (USTs).
Site Geology and Hydrogeology: The topography of the site slopes gen tly to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.
Env Problem: Nature and Extent of the Contamination:
Exceedances of the TAGM 4046 recommended soil cleanup objectives incl ude SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal, and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was installed consisting of a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with landscaping elements. The composite cover system acts as a permanent engineering control on the
site.
The terms of the Brownfield Cleanup Agreement have been met. The rem ediation at the site has been completed. The site is now in Site Management Phase.
Health Problem: The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil

WEST 61ST STREET TENNIS COURT AREA SITE (Continued) **S110137780**

contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

Site Code: 376802
Control Name: Ground Water Use Restriction
HW Code: C231059
Control Code: 08
Control Type: INST
Dt record added: 11/20/2009
Dt rec updated: 10/24/2011
Updated By: SRHEIGEL
Site Code: 376802
Site Description: Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the ?West 61st Street Tennis Court Area Site? (C231059), and the ?West 61st Street Site? (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west.
Site Features: The site is a paved tennis court with landscaped area s.
Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood.
Historical Use: The Phase I Site Assessment identified that Lot 43 o perated as a gasoline station and contained underground storage tanks (USTs).
Site Geology and Hydrogeology: The topography of the site slopes gen tly to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.
Env Problem: Nature and Extent of the Contamination:
Exceedances of the TAGM 4046 recommended soil cleanup objectives incl ude SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal, and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was installed consisting of a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with landscaping elements. The composite cover system acts as a permanent engineering control on the
site.
The terms of the Brownfield Cleanup Agreement have been met. The rem ediation at the site has been completed. The site is now in Site Management Phase.

WEST 61ST STREET TENNIS COURT AREA SITE (Continued) **S110137780**

Health Problem: The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

Site Code: 376802
Control Name: Soil Management Plan
HW Code: C231059
Control Code: 14
Control Type: INST
Dt record added: 11/20/2009
Dt rec updated: 10/24/2011
Updated By: SRHEIGEL
Site Code: 376802
Site Description: Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the ?West 61st Street Tennis Court Area Site? (C231059), and the ?West 61st Street Site? (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west.
Site Features: The site is a paved tennis court with landscaped area s.
Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood.
Historical Use: The Phase I Site Assessment identified that Lot 43 o perated as a gasoline station and contained underground storage tanks (USTs).
Site Geology and Hydrogeology: The topography of the site slopes gen tly to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.
Env Problem: Nature and Extent of the Contamination:
Exceedances of the TAGM 4046 recommended soil cleanup objectives incl ude SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal, and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was installed consisting of a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with landscaping elements. The composite cover system acts as a permanent engineering control on the
site.

WEST 61ST STREET TENNIS COURT AREA SITE (Continued) **S110137780**

The terms of the Brownfield Cleanup Agreement have been met. The rem ediation at the site has been completed. The site is now in Site Management Phase.

Health Problem: The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

Site Code: 376802
Control Name: Landuse Restriction
HW Code: C231059
Control Code: 25
Control Type: INST
Dt record added: 11/20/2009
Dt rec updated: 10/24/2011
Updated By: SRHEIGEL
Site Code: 376802
Site Description: Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the ?West 61st Street Tennis Court Area Site? (C231059), and the ?West 61st Street Site? (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west.

Site Features: The site is a paved tennis court with landscaped area s.

Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood.

Historical Use: The Phase I Site Assessment identified that Lot 43 o perated as a gasoline station and contained underground storage tanks (USTs).

Site Geology and Hydrogeology: The topography of the site slopes gen tly to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.

Env Problem: Nature and Extent of the Contamination:

Exceedances of the TAGM 4046 recommended soil cleanup objectives incl ude SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal, and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was installed consisting of a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with

WEST 61ST STREET TENNIS COURT AREA SITE (Continued) **S110137780**

landscaping elements. The composite cover system acts as a permanent engineering control on the
site.
The terms of the Brownfield Cleanup Agreement have been met. The rem ediation at the site has been completed. The site is now in Site Management Phase.

Health Problem: The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

Site Code: 376802
Control Name: Site Management Plan
HW Code: C231059
Control Code: 32
Control Type: INST
Dt record added: 11/20/2009
Dt rec updated: 10/24/2011
Updated By: SRHEIGEL
Site Code: 376802

Site Description: Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the ?West 61st Street Tennis Court Area Site? (C231059), and the ?West 61st Street Site? (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west.
Site Features: The site is a paved tennis court with landscaped area s.
Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood.
Historical Use: The Phase I Site Assessment identified that Lot 43 o perated as a gasoline station and contained underground storage tanks (USTs).
Site Geology and Hydrogeology: The topography of the site slopes gen tly to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.

Env Problem: Nature and Extent of the Contamination:
Exceedances of the TAGM 4046 recommended soil cleanup objectives incl ude SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal, and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was

WEST 61ST STREET TENNIS COURT AREA SITE (Continued) **S110137780**

installed consisting of a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with landscaping elements. The composite cover system acts as a permanent engineering control on the site.
The terms of the Brownfield Cleanup Agreement have been met. The rem ediation at the site has been completed. The site is now in Site Management Phase.

Health Problem: The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

Site Code: 376802
Control Name: O&M Plan
HW Code: C231059
Control Code: 33
Control Type: INST
Dt record added: 11/20/2009
Dt rec updated: 10/24/2011
Updated By: SRHEIGEL
Site Code: 376802
Site Description: Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the ?West 61st Street Tennis Court Area Site? (C231059), and the ?West 61st Street Site? (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west.
Site Features: The site is a paved tennis court with landscaped area s.
Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood.
Historical Use: The Phase I Site Assessment identified that Lot 43 o perated as a gasoline station and contained underground storage tanks (USTs).
Site Geology and Hydrogeology: The topography of the site slopes gen tly to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.

Env Problem: Nature and Extent of the Contamination:
Exceedances of the TAGM 4046 recommended soil cleanup objectives incl ude SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal,

WEST 61ST STREET TENNIS COURT AREA SITE (Continued) **S110137780**

and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was installed consisting of a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with landscaping elements. The composite cover system acts as a permanent engineering control on the site.

The terms of the Brownfield Cleanup Agreement have been met. The rem ediation at the site has been completed. The site is now in Site Management Phase.

Health Problem: The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

Site Code: 376802
Control Name: IC/EC Plan
HW Code: C231059
Control Code: 34
Control Type: INST
Dt record added: 11/20/2009
Dt rec updated: 10/24/2011
Updated By: SRHEIGEL
Site Code: 376802

Site Description: Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the ?West 61st Street Tennis Court Area Site? (C231059), and the ?West 61st Street Site? (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west.

Site Features: The site is a paved tennis court with landscaped area s.

Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood.

Historical Use: The Phase I Site Assessment identified that Lot 43 o perated as a gasoline station and contained underground storage tanks (USTs).

Site Geology and Hydrogeology: The topography of the site slopes gen tly to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.

Env Problem: Nature and Extent of the Contamination:

Exceedances of the TAGM 4046 recommended soil cleanup objectives incl ude SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house

WEST 61ST STREET TENNIS COURT AREA SITE (Continued) **S110137780**

in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal, and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was installed consisting of a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with landscaping elements. The composite cover system acts as a permanent engineering control on the site.

The terms of the Brownfield Cleanup Agreement have been met. The rem ediation at the site has been completed. The site is now in Site Management Phase.

Health Problem: The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

BROWNFIELDS:

Program: BCP
Site Code: 376802
Site Description: Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the West 61st Street Tennis Court Area Site (C231059), and the West 61st Street Site (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west. Site Features: The site is a paved tennis court with landscaped areas. Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood. Historical Use: The Phase I Site Assessment identified that Lot 43 operated as a gasoline station and contained underground storage tanks (USTs). Site Geology and Hydrogeology: The topography of the site slopes gently to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.

Env Problem: Nature and Extent of the Contamination: Exceedances of the TAGM 4046 recommended soil cleanup objectives include SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal, and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was installed consisting of

WEST 61ST STREET TENNIS COURT AREA SITE (Continued) **S110137780**

a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with landscaping elements. The composite cover system acts as a permanent engineering control on the site.The terms of the Brownfield Cleanup Agreement have been met. The remediation at the site has been completed. The site is now in Site Management Phase.

Health Problem: The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

BN588 **250 WEST 61TH STREET** **NY LTANKS** **S100782316**
NNE **250 WEST 61TH STREET** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.408 mi.
2152 ft. **Site 2 of 4 in cluster BN**

Relative:
Higher

Actual:
55 ft.

LTANKS:

Site ID:	164501
Spill Number/Closed Date:	9311683 / 12/31/1993
Spill Date:	12/31/1993
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	12/31/1993
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	12/31/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/4/1994
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	138697
DEC Memo:	Not reported
Remarks:	CONTAINED IN BASEMENT - NO DRAIN. MILRO ASSO. TO DO CLEAN UP (516)379-6100. COASTAL HIS A TEAM WORKING ON SPILL / WILL GET IT STEAM CLEANED ALSO.

250 WEST 61TH STREET (Continued) **S100782316**

Material:

Site ID:	164501
Operable Unit ID:	993694
Operable Unit:	01
Material ID:	390709
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BN589 **LIST CAB CO** **NY LTANKS** **S102673380**
NNE **250 WEST 61ST ST** **NY Spills** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.408 mi.
2152 ft. **Site 3 of 4 in cluster BN**

Relative:
Higher

Actual:
55 ft.

LTANKS:

Site ID:	164542
Spill Number/Closed Date:	9601705 / 5/3/1996
Spill Date:	5/3/1996
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	5/3/1996
CID:	349
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/3/1996
Spill Record Last Update:	5/28/1996
Spiller Name:	GARLAND MCARDLE
Spiller Company:	COSTAL OIL
Spiller Address:	31-70 COLLEGEPOINT NLVD
Spiller City,St,Zip:	FLUSHING, NY 11354-
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	(212) 265-0400
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	138732

LIST CAB CO (Continued) **S102673380**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Remarks: tank was full when driver attempted to fill it

Material:
Site ID: 164542
Operable Unit ID: 1029351
Operable Unit: 01
Material ID: 351513
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 14
Units: Gallons
Recovered: 14
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:
Facility ID: 9501019
DER Facility ID: 195357
Facility Type: ER
Site ID: 237128
DEC Region: 2
Spill Date: 4/25/1995
Spill Number/Closed Date: 9501019 / 4/25/1995
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 4/25/1995
CID: Not reported
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: 4/25/1995
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 5/9/1995
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: COASTAL OIL
Spiller Address: 31-70 COLLEGE POINT BLVD
Spiller City,St,Zip: FLUSHING, NY 11354
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported

LIST CAB CO (Continued) **S102673380**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks: VALVE ON TRUCK FAILED - SAID OIL CO WAS NOT ON SCENE - FD & PD WERE ON SCENE "TRUCK LOAD" ODF SAND LAID DOWN ACROSS WHOLE STREET. PD STILL THERE

Material:
Site ID: 237128
Operable Unit ID: 1011913
Operable Unit: 01
Material ID: 369631
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10
Units: Gallons
Recovered: 10
Resource Affected: Not reported
Oxygenate: False

Tank Test:

BL590 **840 EAST 8TH ST.** **NY LTANKS** **S104275614**
SE **840 EAST 8TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.412 mi.
2173 ft. **Site 2 of 2 in cluster BL**

Relative:
Higher

Actual:
59 ft.

LTANKS:
Site ID: 165640
Spill Number/Closed Date: 9008696 / 9/30/1992
Spill Date: 11/8/1990
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 9/30/1992
Cleanup Meets Standard: False
SWIS: 2401
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 11/8/1990
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 11/20/1990
Spill Record Last Update: 5/12/1994
Spiller Name: Not reported
Spiller Company: 840 EAST 8TH STREET
Spiller Address: 840 EAST 8TH STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001

840 EAST 8TH ST. (Continued) **S104275614**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	139581
DEC Memo:	Not reported
Remarks:	20K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, VISIBLE LEAK IN PIPING, WILL REPAIR & RETEST.

Material:

Site ID:	165640
Operable Unit ID:	949329
Operable Unit:	01
Material ID:	432494
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	165640
Spill Tank Test:	1537843
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

BN591 **AMSTERDAM HOUSES -NYCHA** **NY LTANKS** **S104275543**
NE **205 WEST 61ST STREET** **NY HIST AST** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.412 mi.
2173 ft. **Site 4 of 4 in cluster BN**

Relative:
Higher

Actual:
81 ft.

LTANKS:

Site ID:	265584
Spill Number/Closed Date:	8904207 / Not Reported
Spill Date:	7/27/1989
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	jkkann
Referred To:	SIR SUBMITTED 7/31/10, QRTLY RPT RCVD 1/16/13
Reported to Dept:	7/28/1989

AMSTERDAM HOUSES -NYCHA (Continued) **S104275543**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	8/1/1989
Spill Record Last Update:	1/16/2013
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	216404
DEC Memo:	02/03/06: This spill transferred from J.Kolleeny to S.Kraszewski. - SK9/22/06: Spill transferred from Kraszewski to Kann.1/25/07 - 1/25/07 - J.Kann - monitoring report submitted on 11/14. Some product remains in two wells. Will prepare a generic letter comenting on report format. A work plan is due end of January 2007.7/31/07 - Work Plan was approved on 4/13/07. Field work was performed and a investigative report is due by August 15.12/27/07: J.Kann - Report submitted on 11/8/07. Of the 14 wells on site, two contain free product. These two wells are located in teh former tank area. One well contained approximately 4 inches of product. An accurate reading for the second well could not be obtained because the product was too viscous. A fingerprint analysis indicates teh product in the wells is weathered number 6 fuel oil. Consultant recommends sampling of all wells to determine if dissolved phase contamination exists, and to continue running remedial system on site(consultant claims it has contained the plume). 07/16/08: J.kann - email received from NYCHA including a WP for Amsterdam Houses.04/20/10: J.Kann - Preferred is planning to mobilize to conduct field work (soil borings, well installation) on Monday - April 26, 2010 at the NYCHA-Amsterdam Houses (Contract No. 9017305) in accordance with the July-2008 work plan prepared by Gannett Fleming.08/2/10: J.kann - Site Investigation Report submitted on 7/30/10.9/21/10: J.Kann - Quarterly Report Rcvd 9/1/10.3/17/11: J.Kann - Added comments for 7/16/08 and 04/20/10. Quarterly Report Rcvd 1/6/11.5/11/12: J.Kann - quarterly report recieved on 5/9/12.1/16/13: J.Kann - 10/18/12 quarterly report received on 1/16/13
Remarks:	30K TANK FAILED AES BROCKMAN #2 WITH A LEAK RATE OF -.87GPH, SOME OIL COMING THROUGH BASEMENT WALL, WILL PUMP OUT & INSPECT TANK. REQUEST THE INSTALLATION OF AT LEAST (4) GROUNDWATER MONITORING WELL

Material:

Site ID:	265584
Operable Unit ID:	929554
Operable Unit:	01
Material ID:	448266
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported

AMSTERDAM HOUSES -NYCHA (Continued) **S104275543**

Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	265584
Spill Tank Test:	1535761
Tank Number:	003
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST AST:

PBS Number:	2-475432
SWIS Code:	6201
Operator:	MR. LUIS PONCE
Facility Phone:	(718) 707-5725
Facility Addr2:	205 WEST 61ST STREET, MGT OFFICE
Facility Type:	APARTMENT BUILDING
Emergency:	EMERGENCY SERVICE DEPARTMENT
Emergency Tel:	(212) 289-3940
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NEW YORK CITY HOUSING AUTHORITY
Owner Address:	23-02 49TH AVENUE
Owner City,St,Zip:	LONG ISLAND CITY,, N.Y. 11101
Federal ID:	Not reported
Owner Tel:	(718) 707-5725
Owner Type:	Local Government
Owner Subtype:	51
Mailing Contact:	MR. LUIS PONCE
Mailing Name:	NEW YORK CITY HOUSING AUTHORITY
Mailing Address:	23-02 49TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY,, N.Y., 11101
Mailing Telephone:	(718) 707-5725
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	11/16/2001
Expiration:	03/28/2004
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	20000

AMSTERDAM HOUSES -NYCHA (Continued) **S104275543**

FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	1
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19481201
Capacity (Gal):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	6
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	2
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19481201
Capacity (Gal):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	6
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported

AMSTERDAM HOUSES -NYCHA (Continued) **S104275543**

Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

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592 **APARTMENT COMPLEX** **NY LTANKS** **S104516285**
South **438 W.45TH ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.423 mi.
2236 ft.

Relative:
Higher

Actual:
34 ft.

LTANKS:

Site ID:	192477
Spill Number/Closed Date:	9911768 / 3/6/2006
Spill Date:	1/10/2000
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	rshough
Referred To:	Not reported
Reported to Dept:	1/10/2000
CID:	323
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/10/2000
Spill Record Last Update:	3/6/2006
Spiller Name:	JONAS REAL ESTATE
Spiller Company:	APARTMENT COMPLEX
Spiller Address:	438 W45TH ST
Spiller City,St,Zip:	MANHATTAN, NY -
Spiller County:	001
Spiller Contact:	JONAS REAL ESTATE
Spiller Phone:	(631) 466-3333
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	160477
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"3/6/06 R. Hough - The spill report indicates a tank test failure, with no release of product. Supporting documentation (PBS Registration issued 11/7/03) indicates that the tank is in service with no further requirement for tank testing. Thus this spill is closed.
Remarks:	WILL ISOLATE AND RETEST.

Material:

APARTMENT COMPLEX (Continued) **S104516285**

Site ID:	192477
Operable Unit ID:	1086371
Operable Unit:	01
Material ID:	297214
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	192477
Spill Tank Test:	1547980
Tank Number:	1
Tank Size:	2000
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

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593 East 1/4-1/2 0.430 mi. 2270 ft.

940 8TH AVE
940 8TH AVE
NEW YORK, NY

NY LTANKS **S102233265** **N/A**

Relative: Higher

Actual: 74 ft.

LTANKS:

Site ID:	272761
Spill Number/Closed Date:	9512455 / 6/24/1996
Spill Date:	1/5/1996
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1/5/1996
CID:	252
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/5/1996
Spill Record Last Update:	6/24/1996
Spiller Name:	BRUCE HINMAN

940 8TH AVE (Continued) **S102233265**

Spiller Company:	KNIGHT MAINTENACE CORP.
Spiller Address:	4 NINTH AVENUE
Spiller City,St,Zip:	NEW YORK, NY 10014-
Spiller County:	001
Spiller Contact:	JENNIFER JUHAS
Spiller Phone:	(212) 922-0077
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	221968
DEC Memo:	Not reported
Remarks:	tank was dug up from basement floor-at this time it was noticedthat there was soil contamination-still under investigation-more soil samples to be taken from site

Material:

Site ID:	272761
Operable Unit ID:	1026675
Operable Unit:	01
Material ID:	356200
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BO594 **790 8TH AVE** **NY LTANKS S102402110**
SSE **790 8TH AVE** **NY Spills N/A**
1/4-1/2 **MANHATTAN, NY**
0.448 mi.
2365 ft. **Site 1 of 2 in cluster BO**

Relative:
Higher

Actual:
50 ft.

LTANKS:

Site ID:	350813
Spill Number/Closed Date:	0505733 / 3/9/2006
Spill Date:	8/10/2005
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	8/10/2005
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False

790 8TH AVE (Continued) **S102402110**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/10/2005
Spill Record Last Update:	3/9/2006
Spiller Name:	SHAWN
Spiller Company:	DAYS INN HOTEL
Spiller Address:	790 8TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	SHAWN
Spiller Phone:	(718) 967-9424
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	206466
DEC Memo:	Sangesland spoke to Vinny at Island Tank (718-967-9424).He said there is a new owner of the Hotel and he was hired to inspect the tank.The tank is in a vault and there is a very minor leak in one corner.Island Tank is in the process of pumping out the tank.Tank will be cleaned and then tested with an ultra sound.Work is already underway, so no TTF letter was sent2/1/2006 - jz: Investigation was conducted by ATC. Zhao spoke with Mike Marose? 212-353-8280 ext. 345. today. Report will be prepared and forwarded within next few weeks.
Remarks:	LEAKING IN A CORNER OF TANK AND CAUSING SPILL;

Material:

Site ID:	350813
Operable Unit ID:	1108357
Operable Unit:	01
Material ID:	2098292
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	251968
Spill Number/Closed Date:	9903737 / 2/25/2003
Spill Date:	7/1/1999
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	7/1/1999
CID:	205

790 8TH AVE (Continued) **S102402110**

Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/1/1999
Spill Record Last Update:	2/25/2003
Spiller Name:	CALLER
Spiller Company:	AMERADA HESS
Spiller Address:	238 WEST FORT LEE RD
Spiller City,St,Zip:	BOGOTA, NJ -
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	281044
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"2/25/2003 - Closed Due To The Nature / Extent Of The Spill Report
Remarks:	driver overfilled tank.cleanup started.*region 2 pager 07:12

Material:

Site ID:	251968
Operable Unit ID:	1078270
Operable Unit:	01
Material ID:	303642
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	0501767
DER Facility ID:	206466
Facility Type:	ER
Site ID:	345991
DEC Region:	2
Spill Date:	5/13/2005
Spill Number/Closed Date:	0501767 / 5/13/2005
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	5/13/2005

790 8TH AVE (Continued) **S102402110**

CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/13/2005
Spill Record Last Update:	5/13/2005
Spiller Name:	VINCENT
Spiller Company:	DAYS HOTEL
Spiller Address:	790 8TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	VINCENT
Contact Phone:	(212) 581-7000
DEC Memo:	5/13/05 Tipple spoke with Hess, and Day's Inn engineer, spill all cleaned from sidewalk, petrometer to be checked/calibrated
Remarks:	BAD GAGE, VINCENT TOLD THE DRIVER TO KEEP PUMPING AND IT OVERFLOWED: CREW IS CLEANING UP:

Material:

Site ID:	345991
Operable Unit ID:	1103720
Operable Unit:	01
Material ID:	583934
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0408732
DER Facility ID:	268701
Facility Type:	ER
Site ID:	333468
DEC Region:	2
Spill Date:	11/8/2004
Spill Number/Closed Date:	0408732 / 12/3/2004
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	11/8/2004
CID:	407

790 8TH AVE (Continued) **S102402110**

Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/8/2004
Spill Record Last Update:	12/3/2004
Spiller Name:	RICARDO
Spiller Company:	Not reported
Spiller Address:	790 8TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	RICARDO
Contact Phone:	(212) 581-7000
DEC Memo:	PTC in route to clean the spillSpill on sidewalk, contained, securred, cleanned up.
Remarks:	Caller states the tank was overfilled due to the gauge being broken, super says its been broken for months.

Material:

Site ID:	333468
Operable Unit ID:	1095623
Operable Unit:	01
Material ID:	575745
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9608400
DER Facility ID:	206466
Facility Type:	ER
Site ID:	251967
DEC Region:	2
Spill Date:	10/7/1996
Spill Number/Closed Date:	9608400 / 10/7/1996
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	10/7/1996
CID:	322
Water Affected:	Not reported

790 8TH AVE (Continued) **S102402110**

Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/7/1996
Spill Record Last Update:	10/18/1996
Spiller Name:	Not reported
Spiller Company:	HOTEL
Spiller Address:	790 8TH AVE
Spiller City,St,Zip:	NY, NY -
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	inoperative petrometer caused overfill of tank - being cleaned up

Material:

Site ID:	251967
Operable Unit ID:	1036667
Operable Unit:	01
Material ID:	344138
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	10
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9909158
DER Facility ID:	281044
Facility Type:	ER
Site ID:	251969
DEC Region:	2
Spill Date:	10/28/1999
Spill Number/Closed Date:	9909158 / 4/6/2000
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	10/28/1999
CID:	205
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Local Agency

790 8TH AVE (Continued) **S102402110**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/28/1999
Spill Record Last Update:	4/6/2000
Spiller Name:	Not reported
Spiller Company:	HESS OIL
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	CALLER
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"CLEANED BY RP.
Remarks:	caller reported spill on sidewalk. cleanup enroute.

Material:

Site ID:	251969
Operable Unit ID:	1083763
Operable Unit:	01
Material ID:	298249
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BO595 **ENGINE CO. 054 FDNY -DDC** **NY LTANKS** **S103823997**
SSE **782 8TH AVENUE** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.459 mi.
2422 ft. **Site 2 of 2 in cluster BO**

Relative:
Higher

Actual:
49 ft.

LTANKS:

Site ID:	232355
Spill Number/Closed Date:	9812690 / 6/6/2005
Spill Date:	1/14/1999
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	ADZHITOM
Referred To:	Not reported
Reported to Dept:	1/14/1999
CID:	252

ENGINE CO. 054 FDNY -DDC (Continued) **S103823997**

Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1/14/1999
Spill Record Last Update:	6/6/2005
Spiller Name:	UNK
Spiller Company:	NYC FIRE DEPT ENG CO 54
Spiller Address:	782 8TH AVE
Spiller City,St,Zip:	MANHATTAN, ZZ
Spiller County:	001
Spiller Contact:	UNK
Spiller Phone:	(000) 000-0000
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	191487
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"iNVESTIGATION IS BEING PERFORMED BY LIRO/TYREE 1/15/986-6-2005 Reviewed groundwater monitoring results submitted by URS and received on March 14, 2005. The latest groundwater sampling results showed that there is no dissolved phase groundwater contamination at the site. Spill was closed based on this information. AZ
Remarks:	SOIL CONTAMINATION DISCOVERED AFTER BORING SAMPLES WERE TAKENTANKS HAVE BEEN ABANDONED.

Material:

Site ID:	232355
Operable Unit ID:	1069947
Operable Unit:	01
Material ID:	312972
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	232355
Operable Unit ID:	1069947
Operable Unit:	01
Material ID:	312971
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

ENGINE CO. 054 FDNY -DDC (Continued) **S103823997**

Tank Test:

BP596 **APARTMENT COMPLEX** **NY LTANKS** **S105230508**
SSW **560 W 43RD ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.461 mi.
2433 ft. **Site 1 of 3 in cluster BP**

Relative:
Lower

Actual:
18 ft.

LTANKS:

Site ID:	240109
Spill Number/Closed Date:	0108944 / 1/13/2006
Spill Date:	12/7/2001
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	VRNATTAN
Referred To:	Not reported
Reported to Dept:	12/7/2001
CID:	365
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/7/2001
Spill Record Last Update:	1/13/2006
Spiller Name:	ANDREW MENCZEL
Spiller Company:	APARTMENT COMPLEX
Spiller Address:	560 W 43RD ST
Spiller City,St,Zip:	MANHATTAN, NY -
Spiller County:	001
Spiller Contact:	ANDREW MENCZEL
Spiller Phone:	(212) 265-5900
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	197514
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"ROSSAN - CALLED DAVE FAZIN 12/10 AND 12/11/01 AND LEFT CALL BACK INFORMATION WITH RECEPTIONIST.Vivek Nattanmai, December 7, 2005A letter was mailed to the property owner on 12/7/05 requesting for information. Vivek Nattanmai, January 13, 2006Received information regarding the repairs done and the tank testing information. The tank tightness testing found no leak. Spill report closed. CLOSED on January 13, 2006.
Remarks:	HORNER EZ 3 - GROSS LEAK

Material:

Site ID:	240109
Operable Unit ID:	846334
Operable Unit:	01
Material ID:	530153

APARTMENT COMPLEX (Continued) **S105230508**

Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 240109
Spill Tank Test: 1526755
Tank Number: 001
Tank Size: 15000
Test Method: 03
Leak Rate: 0
Gross Fail: F
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

BP597 **RIVERBANK WEST APARTMENTS** **NY LTANKS** **S105996888**
SSW **560 WEST 43RD ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.461 mi.
2433 ft. **Site 2 of 3 in cluster BP**

Relative:
Lower

Actual:
18 ft.

LTANKS:
Site ID: 179567
Spill Number/Closed Date: 0206678 / 4/28/2003
Spill Date: 9/27/2002
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 9/27/2002
CID: 281
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 9/27/2002
Spill Record Last Update: 4/28/2003
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999

RIVERBANK WEST APARTMENTS (Continued) **S105996888**

Spiller Contact:	KENNETH MUNIZ
Spiller Phone:	(201) 437-1017
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	150700
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"9/27/02 TJDOverfill of UST, product came out of vent and into garden bed. Spoke with Hess Oil who have stated driver spoke to building person prior to delivery and obtained a signature on form indicating tank had available capacity to accept volume of intended delivery. Hess Oil did remain on site and driver assisted in clean-up using spill kit from rig. Builing personnel also worked on cleanup. Soils were reported to be impacted.Demeo spoke with Director of Operations for building (Marney Burke 212 629 5990). Building was directed to retain contractor or have building personnel containerize impacted soils and remove off-site for proper disposal. Manifests have been required prior to spill closure.4/28/03Disposal documents received from Eastmond. No further Action required.
Remarks:	TANK OVERFILL AT ABOVE LOCATION. CLEANUP IS IN PROGRESS AT TIME OF CALL AND ALL MATERIAL IS EXPECTED TO BE RECOVERED. RESPONSIBILITYFOR SPILL IS STILL UNDER INVESTIGATION.

Material:

Site ID:	179567
Operable Unit ID:	858427
Operable Unit:	01
Material ID:	517281
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BP598 **FDNY RESCUE 1** **NY LTANKS S102660118**
SSW **530 WEST 43RD ST** **NY Spills N/A**
1/4-1/2 **MANHATTAN, NY**
0.466 mi.
2462 ft. **Site 3 of 3 in cluster BP**

Relative:
Lower

Actual:
19 ft.

LTANKS:

Site ID:	176798
Spill Number/Closed Date:	9706580 / 7/6/1999
Spill Date:	9/2/1997
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101

FDNY RESCUE 1 (Continued) **S102660118**

Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	9/2/1997
CID:	312
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/2/1997
Spill Record Last Update:	8/6/1999
Spiller Name:	TONY MARINO
Spiller Company:	NYC DEPT OF DESIGN/CONSTR
Spiller Address:	30-30 THOMPSON AV 5TH FL
Spiller City,St,Zip:	LONG ISLAND CITY, NY 11101-
Spiller County:	001
Spiller Contact:	TONY MARINO
Spiller Phone:	(718) 391-1062
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	148576
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"URS performed investigation. No further action required.
Remarks:	SAMPLES FOUND CONTAMINATED SOIL ON SITE

Material:

Site ID:	176798
Operable Unit ID:	1049933
Operable Unit:	01
Material ID:	332168
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	9613779
DER Facility ID:	272467
Facility Type:	ER
Site ID:	176797
DEC Region:	2
Spill Date:	2/24/1997
Spill Number/Closed Date:	9613779 / 3/23/2006
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101

FDNY RESCUE 1 (Continued) **S102660118**

Investigator:	ADZHITOM
Referred To:	Not reported
Reported to Dept:	2/24/1997
CID:	297
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/24/1997
Spill Record Last Update:	3/23/2006
Spiller Name:	TONY MARINO
Spiller Company:	NEW YORK CITY FD
Spiller Address:	530 WEST 43RD ST
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	TONY MARINO
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"URS PERFORMED INVESTIGATION. NO FURTHER ACTION REQUIRED. 10/11/2005 According to Jane Staten (URS)URS submitted ISRP on 10/18/1999. Contamination was a result of fire in 1987 and not from the former UST.ISRP recommended NFA for the site. On August 17, 1999 AZ approved this recommendation. On October 18, 1999, NFA letter was issued. AZ
Remarks:	CALLER COMPANY TESTED SOIL FOR AN UNDERGROUND FUEL TANK CLOSURE AND THEY JUST RECEIVED THE RESULTS TODAY THAT THE SOIL IS CONTAMINATED

Material:

Site ID:	176797
Operable Unit ID:	1045207
Operable Unit:	01
Material ID:	338883
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

599 ESE 1/4-1/2 0.468 mi. 2472 ft. | **245 WEST 52ND STREET**
245 WEST 52ND STREET
MANHATTAN, NY | **NY LTANKS** | **S102671988**
N/A

Relative: Higher

Actual: 65 ft.

LTANKS:

Site ID:	89451
Spill Number/Closed Date:	9209443 / 11/13/1992
Spill Date:	11/13/1992
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	11/13/1992
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	11/13/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/18/1992
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	81697
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	OIL CAME OUT VENT-GAGE MALFUNCTION-CONTAINED ON PAVEMENT-CREW ENROUTE FOR CLEANUP

Material:

Site ID:	89451
Operable Unit ID:	973252
Operable Unit:	01
Material ID:	406490
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

245 WEST 52ND STREET (Continued) **S102671988**

Tank Test:

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600 SSE 1/4-1/2 0.469 mi. 2475 ft. **326 W 46TH ST** **NY LTANKS** **S102672157**
326 W 46TH ST **N/A**
MANHATTAN, NY

Relative: Higher

Actual: 44 ft.

LTANKS:

Site ID:	79565
Spill Number/Closed Date:	9301069 / 4/22/1993
Spill Date:	4/22/1993
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Cleanup Ceased:	4/22/1993
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	4/22/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/27/1993
Spill Record Last Update:	7/20/1993
Spiller Name:	Not reported
Spiller Company:	BAERENKLAU
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	73861
DEC Memo:	Not reported
Remarks:	TANK WAS ALREADY FULL CAME OUT VENT-CONTAINED ON SIDE WALK-CREW DOING CLEAN UP

Material:

Site ID:	79565
Operable Unit ID:	979677
Operable Unit:	01
Material ID:	401800
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons

326 W 46TH ST (Continued) **S102672157**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

BQ601 **643 W 43RD ST/UPS** **NY LTANKS** **S100493387**
SW **643 W 43RD ST/UPS** **N/A**
1/4-1/2 **NYC, NY**
0.473 mi.
2495 ft. **Site 1 of 3 in cluster BQ**

Relative:
Lower

Actual:
14 ft.

LTANKS:
Site ID: 71800
Spill Number/Closed Date: 9202362 / 3/31/1995
Spill Date: 5/22/1992
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 3/31/1995
Cleanup Meets Standard: True
SWIS: 3101
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 5/28/1992
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 6/2/1992
Spill Record Last Update: 3/31/1995
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 67897
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
Remarks: EXCAVATING CONTAMINATED SOIL TO TANK TOP-25 TANKS TO BE CLOSED. STOCKPILING SOIL; WILL SAMPLE TEST & DISPOSE. SEE 9200470

Material:
Site ID: 71800
Operable Unit ID: 969639
Operable Unit: 01
Material ID: 413618

643 W 43RD ST/UPS (Continued) **S100493387**

Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	275410
Spill Number/Closed Date:	9200470 / 8/7/1995
Spill Date:	6/15/1991
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	8/7/1995
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	4/13/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	4/16/1992
Spill Record Last Update:	8/16/1995
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	223922
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
Remarks:	HIRED CONTRACTOR TO PULL TANK.

Material:

Site ID:	275410
Operable Unit ID:	967708
Operable Unit:	01
Material ID:	415263
Material Code:	0008

643 W 43RD ST/UPS (Continued) **S100493387**

Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BR602 **MOBIL OIL CORP SS #QDL** **RCRA NonGen / NLR** **1000253419**
SW **561 11TH AVE** **FINDS** **NYD986962322**
1/4-1/2 **NEW YORK, NY 10036** **NY LTANKS**
0.482 mi. **NY UST**
2544 ft. **Site 1 of 2 in cluster BR** **NY HIST UST**
NY Spills
Relative: **US AIRS**
Lower

Actual: **16 ft.**

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MOBIL OIL CORP SS #QDL
Facility address:	561 11TH AVE NEW YORK, NY 100362105
EPA ID:	NYD986962322
Mailing address:	GALLOWS RD - MKTG ENVIRON FAIRFAX, NY 220370001
Contact:	Not reported
Contact address:	GALLOWS RD - MKTG ENVIRON FAIRFAX, NY 220370001
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MOBIL OIL CORP
Owner/operator address:	3225 GALLOWS RD FAIRFAX, VA 22037
Owner/operator country:	US
Owner/operator telephone:	(703) 849-3330
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MOBIL OIL CORP
Owner/operator address:	3225 GALLOWS RD FAIRFAX, VA 22037
Owner/operator country:	US
Owner/operator telephone:	(703) 849-3330
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MOBIL OIL CORP SS #QDL
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MOBIL OIL CORP SS #QDL
Classification: Not a generator, verified

Date form received by agency: 04/10/1991
Facility name: MOBIL OIL CORP SS #QDL
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001576660

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

LTANKS:

Site ID:	162739
Spill Number/Closed Date:	9905507 / 7/2/2003
Spill Date:	8/6/1999
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	8/6/1999
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	8/6/1999
Spill Record Last Update:	1/30/2006
Spiller Name:	MARCO
Spiller Company:	MOBIL
Spiller Address:	561 11 AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	MARCO
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	137288
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"This spill site has been transferred from DEC Sigona to RemedialBureau B, on August 4, 2003.This spill site has been consolidated under Spill No. 8806783.Reassigned from O'Dowd on March 1, 2000 DEC's comments regarding a proposed Work Plan for On-Site and Off-Site Investigation by Roux Associates, dated April 30, 2003. Based on the results of our site visit on March 7, 2003, and evaluation of the proposal by Roux Associates, the DEC accepts ExxonMobil's Work Plan and Schedule to evaluate the on-site and off-site contamination at this location. Exxon-Mobil must now complete the implementation of the Work Plan according to the proposed schedule. The results of this investigation must be compiled into a Subsurface Investigation Report prepared in accordance with Section No. 3, paragraph 3.14 of the Division of Environmental Remediation's Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2002. A complete Remedial Investigation Report must be submitted for DEC review and approval according to the proposed implementation scheduled.
Remarks:	LEAK IS AT SUBMERSIABLE PUMP

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Material:

Site ID:	162739
Operable Unit ID:	1080018
Operable Unit:	01
Material ID:	301801
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	162739
Spill Tank Test:	1547464
Tank Number:	Not reported
Tank Size:	4000
Test Method:	01
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Petro-Tite/Petro Comp

UST:

Id/Status:	2-157937 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	584600.19351999997
UTM Y:	4512741.9826100003

Affiliation Records:

Site Id:	5257
Affiliation Type:	Facility Owner
Company Name:	EXXONMOBIL OIL CORPORATION
Contact Type:	OWNER'S AUTHORIZED AGENT
Contact Name:	HEATHER GILMORE
Address1:	3225 GALLOWS RD.
Address2:	Not reported
City:	FAIRFAX
State:	VA
Zip Code:	22037-0001
Country Code:	001
Phone:	(703) 846-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/3/2007

Site Id: 5257

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Affiliation Type:	Mail Contact
Company Name:	EXXONMOBIL OIL CORPORATION
Contact Type:	Not reported
Contact Name:	ERIC M. MCPHEE
Address1:	% VEEDER-ROOT
Address2:	12265 W. BAYAUD AVE. #300
City:	LAKEWOOD
State:	CO
Zip Code:	80228
Country Code:	001
Phone:	(303) 986-8011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/21/2006

Site Id:	5257
Affiliation Type:	Emergency Contact
Company Name:	EXXONMOBIL OIL CORPORATION
Contact Type:	Not reported
Contact Name:	ENVIRONMENTAL HELP DESK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(800) 662-4567
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/26/2007

Site Id:	5257
Affiliation Type:	On-Site Operator
Company Name:	MOBIL R/S 12267
Contact Type:	Not reported
Contact Name:	STATION MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 563-0199
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/21/2005

Tank Info:

Tank Number:	001
Tank ID:	30308
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	12/01/1972

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number:	002
Tank ID:	30309
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None

Tank Number:	003
Tank ID:	30310

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None

Tank Number:	004
Tank ID:	30311
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Tank Number:	005
Tank ID:	30312
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number:	006
Tank ID:	30313
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number:	007
Tank ID:	30314
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number:	008
Tank ID:	30315
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number: 009
Tank ID: 30316
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1962
Date Tank Closed: 11/01/1986
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number: 010
Tank ID: 30317
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1962
Date Tank Closed: 11/01/1986
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number:	011
Tank ID:	30318
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number:	012
Tank ID:	30319
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number:	013
Tank ID:	30320
Tank Status:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1962
Date Tank Closed:	11/01/1986
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number:	014
Tank ID:	208980
Tank Status:	Closed - Removed
Capacity Gallons:	275
Install Date:	Not reported
Date Tank Closed:	11/01/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 11/21/2005

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

Tank Number: 100
Tank ID: 42022
Tank Status: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1986
Date Tank Closed: 11/04/2005
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 08/11/2003
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 11/21/2005

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
F06 - Pipe External Protection - Wrapped

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Tank Number:	200
Tank ID:	42023
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	11/01/1986
Date Tank Closed:	11/04/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	21
Date Test:	08/11/2003
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	11/21/2005

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
F06 - Pipe External Protection - Wrapped

Tank Number:	300
Tank ID:	42024
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	11/01/1986
Date Tank Closed:	11/04/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	21
Date Test:	08/11/2003
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	11/21/2005

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
F06 - Pipe External Protection - Wrapped

Tank Number:	400
Tank ID:	42025
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	11/01/1986
Date Tank Closed:	11/04/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	21
Date Test:	08/11/2003
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	11/21/2005

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
F06 - Pipe External Protection - Wrapped

Tank Number:	500
Tank ID:	42026
Tank Status:	Closed - Removed
Capacity Gallons:	4000
Install Date:	11/01/1986
Date Tank Closed:	11/04/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Tightness Test Method: 21
Date Test: 08/11/2003
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 11/21/2005

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
F06 - Pipe External Protection - Wrapped

Tank Number: 600
Tank ID: 210102
Tank Status: Closed - Removed
Capacity Gallons: 280
Install Date: Not reported
Date Tank Closed: 11/01/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/21/2006

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

HIST UST:
PBS Number: 2-157937

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

SPDES Number:	Not reported
Emergency Contact:	MOBIL OIL CORP.
Emergency Telephone:	(800) 662-4567
Operator:	BILL HARAJLI
Operator Telephone:	(212) 563-0199
Owner Name:	EXXONMOBIL OIL CORPORATION
Owner Address:	3225 GALLOWS RD.
Owner City,St,Zip:	FAIRFAX, VA 22037
Owner Telephone:	(703) 849-5862
Owner Type:	Corporate/Commercial
Owner Subtype:	Mobil Oil Company
Mailing Name:	EXXONMOBIL OIL CORP
Mailing Address:	P. O. BOX 142667
Mailing Address 2:	Not reported
Mailing City,St,Zip:	AUSTIN, TX 78714-2667
Mailing Contact:	NORMA E. HILL
Mailing Telephone:	(800) 800-4133
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	561 11TH AVE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1999
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19721201
Capacity (gals):	4000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 11/01/1986
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19621201
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 11/01/1986
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19621201
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	009
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Updated:	True
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	011
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Tank Id:	012
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	013
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19621201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1986
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	100
Tank Location:	UNDERGROUND
Tank Status:	In Service

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Install Date:	19861101
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	20
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	20
Second Containment:	20
Leak Detection:	10
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	08/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Tankology [Vacutect]
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	200
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19861101
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	20
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	20
Second Containment:	20
Leak Detection:	10
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	08/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Tankology [Vacutect]
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	300
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19861101
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	20
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	20
Second Containment:	20
Leak Detection:	10
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	04/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Tankology [Vacutect]
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	400
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19861101
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	20
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	20
Second Containment:	20
Leak Detection:	10
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	04/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Tankology [Vacutect]
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	500
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19861101
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	20

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	20
Second Containment:	20
Leak Detection:	10
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	04/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Tankology [Vacutect]
Deleted:	False
Updated:	True
Lat/long:	Not reported

SPILLS:

Facility ID:	8806783
DER Facility ID:	293016
Facility Type:	ER
Site ID:	59243
DEC Region:	2
Spill Date:	11/3/1988
Spill Number/Closed Date:	8806783 / Not Reported
Spill Cause:	Housekeeping
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	MJHAGGER
Referred To:	Not reported
Reported to Dept:	11/14/1988
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	4
Date Entered In Computer:	11/18/1988
Spill Record Last Update:	12/26/2012
Spiller Name:	FRANK MESSINA
Spiller Company:	EXXONMOBIL CORP.
Spiller Address:	1545 ROUTE 22 EAST
Spiller City,St,Zip:	ANNANDALE, NJ 08801
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	This spill site has been consolidated under spill no. 88-06783.PBS records indicate that 12 x 550 gallon and 1 x 4,000 gallon USTs closed or removed from this site.3/7/2003: DEC's comments regarding a proposed Work Plan for On-Site and Off-Site Investigation by Roux Associates, dated April 30, 2003. Based on the results of our site visit on March 7, 2003, and evaluation of the proposal by Roux

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Associates, the DEC accepts ExxonMobil's Work Plan and Schedule to evaluate the on-site and off-site contamination at this location. Exxon-Mobil must now complete the implementation of the Work Plan according to the proposed schedule. The results of this investigation must be compiled into a Subsurface Investigation Report prepared in accordance with Section No. 3, paragraph 3.14 of the Division of Environmental Remediation's Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2002. A complete Remedial Investigation Report must be submitted for DEC review and approval according to the proposed implementation scheduled. (Sigona)8/4/2003: Site transferred from Sigona to Harrington (central office) for management. (Rommel)3/8/2004: Sent letter to Exxon Mobil approving the FS work plan. (Harrington)8/24/2004: Sent letter to Exxon Mobil approving the FS report and the SVE/AS pilot test report. Requested the submission of a CAP. (Harrington)10/8/2004: Approved CAP. Items included were the initiation of monthly EFR events at monitoring wells exhibiting free product, the submission of an RI work plan to finish delineation of subsurface contamination, submission of a RAP, and completion of quarterly groundwater sampling at all site-related monitoring wells. (Harrington)1/19/2005: Consent order is executed by the Regional Director. (Harrington)5/31/2005: Sent letters to Exxon Mobil approving the supplemental RI work plan and the RAP. RAP calls for installation of SVE/AS system and passive bailers to collect free product. (Harrington)9/12/2005: Sent letter to Exxon Mobil approving SVE/AS plan. Fieldwork for system installation is underway. (Harrington)11/1/2005: Station has been closed as per divestment effort. UST excavation is underway. (Harrington)12/1/2005: Sent letter to Exxon Mobil approving the supplemental RI report. SVE/AS system will be up and running by the spring of 2006. (Harrington)1/31/2006: SVE/AS system has been installed on-site. System is awaiting hook-up to electrical grid by Con-Ed. (Harrington)2/13/2006: Sent e-mail to Exxon Mobil approving the tank excavation assessment report. (Harrington)8/29/2006: Sent e-mail to Exxon Mobil approving the SVE/AS System Start-Up Report. AS system will remain inactive until levels of LPH have been substantially reduced. (Harrington)1/15/2007: Project management assumed by Bureau B. (Harrington)7/24/2007: Project re-assigned to Harrington. (Harrington)8/3/2007: PM visited site with Kleinfelder personnel (Mooney, Meyerhoefer). RAP was approved in Spring of 2007. Sale of property to Moinihan Group set for this Fall. Kleinfelder set to propose dismantling of SVE/AS system due to property transfer and subsequent excavation for new building foundation. (Harrington)8/21/2007: PM approved the shut-down of the SVE/AS system on-site. Construction activities are beginning at the site, which include excavation of the site property and demolition of buildings adjacent to the system compound. (Harrington)3/13/2008: PM conducts site visit with Fleming Lee Shue (FLS) personnel (environmental consultant to the developer - Moinihan Group). Site is to become a 56-story residential unit with basement parking and 1st floor commercial usage. Site takes up the entire block between West 42nd and West 43rd Streets from 11th Avenue west to the existing condo property and the Chinese embassy. Site demolition is complete. Excavation and de-watering activities are on-going. Excavation depth varies throughout the site, but ranges from 8-20' below grade. Contractors are using h-piles with timber stringers and tiebacks for sidewall bracing. Excavation in the area of the former station is @ ~8' bgs. FLS has proposed a modification to the RAP changing the

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

approved excavation depth from 40’ bgs to 20’ bgs. (Harrington)3/14/2008: PM sends an e-mail to Fleming Lee Shue with comments on the proposed RAP modification. The Department is requiring further details regarding the confirmatory sampling program for both the excavation bottom and sidewalls, installation of new monitoring wells for post-remedial groundwater monitoring (as the old ones were demolished during excavation activities), copies of the de-watering plan and NYCDEP discharge permit, a construction schedule, and monthly progress reports with photos. (Harrington)5/28/2008: PM conducts meeting with Fleming Lee Shue personnel (Matt Carroll). All Department comments regarding the revised RAP as noted above have been addressed to the satisfaction of the PM. PM approves the RAP. (Harrington)12/4/08 - Haggerty: assumed management from Dave Harrington1/16/09 - Haggerty: sent email approval for endpoint sampling results after excavation to the depth of the future building. Some minor semi-volatiles and metals but not enough to warrant further excavation. This is 1 parcel of a large Brownfield project. The remedy for this pacrel consists of de-watering to depress the water table enough to excavate any contaminated soils.April 2010 - Project is on hold while the next phase of work is re-bidApril 2011: spoke with consultant, they will be submitting a work plan to install soil borings on the sidewalk. Soil samples will be considered "excavation sidewall samples" since the previous excavation had sheeting install at the property boundary. MWs will also be installedMay 2011 - approved work plan for off-site MW installation, excavation sidewall samples via geoprobe sampling and collecting soil and gw samples in the area with a reported sheen at the bottom of the excavationJune 2011 - collected bottom samples and sidewall samples (via Geoprobe). Off-site MW’s will be installed in JulyJuly 2011 - Off-site wells installed 7/20 - 7/21November 2011 - Report overdueDecember 2011 - Spoke with Consultant, Fleming Lee Shue. RP has agreed to pay for the remainder of the off-site work February 2012 - PM will contact the Fleming Lee Shue. They need to complete the off-site investigation before closure can be consideredApril 2012 - no response from FLSJune 2012 - spoke with Michael Pisem from the Moinian Group who is developing the property. I gave him 60 days to install the off-site wells and provide the Dept. with the report or I would refer the Spill to OGC. Fleming, Lee, Shue called and said they were authorized by Pisem to complete the investigationDecember 2012 - still waiting on the report

Remarks: TANKS BEING REMOVED WHEN CONTAMINATED SOIL WAS DISCOVERED, SOIL BEING STOCKPILED & WILL BE REMOVED.

Material:

Site ID:	59243
Operable Unit ID:	923619
Operable Unit:	01
Material ID:	455126
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	59243

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

Operable Unit ID:	923619
Operable Unit:	01
Material ID:	2106606
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True

Tank Test:

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110001576660
Plant name:	MOBIL OIL-#17-QDL
Plant address:	561 11TH STREET NEW YORK, NY 10036
County:	NEW YORK
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043
Sic code:	5541
Sic code desc:	GASOLINE SERVICE STATIONS
North Am. industrial classf:	Not reported
NAIC code description:	Not reported
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1002
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	0

MOBIL OIL CORP SS #QDL (Continued) **1000253419**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0

Compliance & Violation Data by Minor Sources:
Air program code: SIP SOURCE
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: Not reported
Repeat violator date: Not reported
Turnover compliance: Not reported

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603 **TANK TEST FAILURE TTF** **NY LTANKS** **S110762231**
SSE **341 W 45TH ST** **N/A**
1/4-1/2 **NEW YORK, NY**
0.483 mi.
2552 ft.

Relative:
Higher

Actual:
40 ft.

LTANKS:
Site ID: 443215
Spill Number/Closed Date: 1009654 / 1/13/2011
Spill Date: 12/10/2010
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False

TANK TEST FAILURE TTF (Continued) **S110762231**

SWIS:	3101
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	12/10/2010
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/10/2010
Spill Record Last Update:	1/13/2011
Spiller Name:	Not reported
Spiller Company:	SHERRINGTON HOLDINGS LLC
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	SOFIA RUSZCZYK
Spiller Phone:	212 686 5588
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	398165
DEC Memo:	1/13/11 Received letter from Protest. Tank failed because of vent line. Repairs made. No contamination found. Passing ttt report dated 1/4/11 was attached. bf
Remarks:	Tank test Failure. Caller advised it is a dry leak.

Material:

Site ID:	443215
Operable Unit ID:	1193687
Operable Unit:	01
Material ID:	2189150
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BR604 **MOBIL S/S** **NY LTANKS** **S100168133**
SW **561 11TH AVENUE** **N/A**
1/4-1/2 **NEW YORK (County), NY**
0.484 mi.
2553 ft. **Site 2 of 2 in cluster BR**

Relative:
Lower

Actual:
16 ft.

LTANKS:

Site ID:	59245
Spill Number/Closed Date:	9009655 / 7/2/2003
Spill Date:	12/5/1990
Spill Cause:	Tank Test Failure

MOBIL S/S (Continued) **S100168133**

Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	12/5/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	12/12/1990
Spill Record Last Update:	9/11/2003
Spiller Name:	MIKE MEOLA
Spiller Company:	EXXONMOBIL CORPORATION
Spiller Address:	464 DOUGHTY BLVD.
Spiller City,St,Zip:	INWOOD, NY 11096
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	55859
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"This spill site has been transferred from DEC Sigona to RemedialBureau B, on August 4, 2003.This spill site has been consolidated under Spill No. 8806783.reassigned from Sullivan to Sigona on 11/6/00 DEC's comments regarding a proposed Work Plan for On-Site and Off-Site Investigation by Roux Associates, dated April 30, 2003. Based on the results of our site visit on March 7, 2003, and evaluation of the proposal by Roux Associates, the DEC accepts ExxonMobil's Work Plan and Schedule to evaluate the on-site and off-site contamination at this location. Exxon-Mobil must now complete the implementation of the Work Plan according to the proposed schedule. The results of this investigation must be compiled into a Subsurface Investigation Report prepared in accordance with Section No. 3, paragraph 3.14 of the Division of Environmental Remediation's Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2002. A complete Remedial Investigation Report must be submitted for DEC review and approval according to the proposed implementation scheduled.
Remarks:	LINE TEST, FAILED PETRO TITE, LEAK RATE -.26GPH, GASSERVICE TO REPAIR & RETEST, TONY KHOURY (FIELD ENGINEER) 516-239-0266.

Material:

Site ID:	59245
Operable Unit ID:	946673
Operable Unit:	01
Material ID:	429857
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported

MOBIL S/S (Continued) **S100168133**

Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	59245
Spill Tank Test:	1537996
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

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605 South 1/4-1/2 0.487 mi. 2569 ft.

Relative: Higher

Actual: 34 ft.

611 9TH AVE **NY LTANKS** **S104495734**
611 9TH AVENUE **N/A**
NEW YORK, NY

LTANKS:

Site ID:	98887
Spill Number/Closed Date:	9406176 / 2/17/2004
Spill Date:	8/5/1994
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	8/5/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/19/1994
Spill Record Last Update:	2/17/2004
Spiller Name:	Not reported
Spiller Company:	PUBLIC OIL
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported

611 9TH AVE (Continued) **S104495734**

DEC Region: 2
DER Facility ID: 87930
DEC Memo: Not reported
Remarks: CAP LEFT OFF TANK-SPILL CONTAINED IN BASEMENT. MILLER ENVIRONMENT ENROUTE.

Material:
Site ID: 98887
Operable Unit ID: 1000329
Operable Unit: 01
Material ID: 379230
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 40
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

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606 **17 WEST 60TH STREET** **NY LTANKS** **S105997296**
ENE **17 WEST 60TH STREET** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.489 mi.
2584 ft.

Relative:
Higher

Actual:
81 ft.

LTANKS:
Site ID: 266077
Spill Number/Closed Date: 0208415 / 3/2/2004
Spill Date: 11/14/2002
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 11/14/2002
CID: 204
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 11/14/2002
Spill Record Last Update: 3/2/2004
Spiller Name: CHARLES
Spiller Company: 17 WEST 60TH STREET
Spiller Address: 17 WEST 60TH STREET
Spiller City,St,Zip: MANHATTEN, NY

17 WEST 60TH STREET (Continued) **S105997296**

Spiller County:	001
Spiller Contact:	RENE LEWIS
Spiller Phone:	(917) 299-7257
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	216832
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"ARAKHAN 11/14/02 SLUDGE CLEANED FROM TANK ON 11/12/02. CONTRACTOR NOTIFIED BY OWNER ON 11/13 THAT LEAK DETECTED. CONTRACTOR RETURNED ON 11/14 TO START CLEANUP; CLEANUP AND TANK ASSESSMENT IN PROGRESS. MANAGEMENT CONTACTED AND IS AWARE OF PROGRESS OF CLEANUP. on concrete? sludge cleaned Tuesday leak repaired Wednesday, tank assessment to see if tank can be repaired. (tank sits in concrete-possible impact to soil).1/12/04 tipple sending letter requesting cleanup documentation3/2/04 documentation reviewed//nfa
Remarks:	OLD TANK

Material:

Site ID:	266077
Operable Unit ID:	859847
Operable Unit:	01
Material ID:	515420
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BQ607 **WEST 42ND STREET REDEVELOPMENT PROJECT** **NY BROWNFIELDS** **S108984483**
SW **605/615 WEST 42ND STREET DEVELOPMENT** **N/A**
1/4-1/2 **NEW YORK, NY 10036**
0.491 mi.
2592 ft. **Site 2 of 3 in cluster BQ**

Relative:
Lower

Actual:
16 ft.

BROWNFIELDS:

Program:	BCP
Site Code:	359250
Site Description:	The site is 0.346 acres, identified as tax Block 1090, Lot 23 and located in New York County (Manhattan). The site includes 605 West 42nd Street and 615 West 42nd Street and lies on the north side of West 42nd Street between 11th and 12th Avenues. The site included in the application consists of a three-story garage which is presently abandoned. It is now owned by the volunteer 605 West 42nd Owner LLC who acquired it from Verizon. Prior uses of the site were a coal and coke yard, a can manufacturer and a metal manufacturer. The Sanitary Automatic Candy Corporation and the New York Telephone Company have also occupied the current buildings.The surrounding parcels are currently used for a combination of commercial and residential purposes, such as United Parcel Service (UPS), the Riverbank West Apartment Tower, Mobil filling station (now closed), street-level

WEST 42ND STREET REDEVELOPMENT PROJECT (Continued) **S108984483**

parking lot and a New York City mounted patrol unit building.Contaminants which are known or suspected to affect soil, groundwater and/or soil gas are petroleum, petroleum related VOCs, SVOCs and metals. This site poses a significant threat to the public health as determined by NYSDOH.The Remedial Action Work Plan (RAWP) with Stipulations was approved by the Department on November 5, 2007. Remedial Construction started on December 10, 2007. Construction was halted in September 2008 due to contractual issues. Remedial Construction recommenced in October 2009 and was completed in the summer of 2010.Certificate of Completion issued December 17, 2010.

Env Problem: Previous investigations have revealed the following contamination:Elevated levels of volatile organic compounds (VOCs) including numerous exceedances of soil cleanup objectives (SCOs) in the vicinity of three closed in place USTs and the former gasoline dispenser; Elevated levels of semi-volatile organic compounds (SVOCs) including naphthalene were detected in samples in the vicinity of the closed in place USTs;Elevated levels of other SVOCs in shallow soil were attributed to the presence of historic fill;The types and concentrations of VOCs in the groundwater are indicative of petroleum contamination in the area of the USTs. There were exceedances of groundwater standards in samples from wells in the vicinity of the former gasoline dispenser and closed in place USTs; Soil gas analytical results revealed elevated concentrations of VOCs at all 14 sampling locations. Total VOC concentrations exceeded NYSDOH's background levels by up to 4 orders of magnitude. A Track 1 unrestricted use remedy was implemented on the site beginning in December 2007 and ending in June 2010. The remedial construction conformed with the requirements of a Part 375 track 1 cleanup and consisted of:1. Excavation and removal of soil/fill exceeding Track 1 SCOs; 2. Removal and treatment of contaminated groundwater by way of construction dewatering;3. Appropriate off-site disposal of all material from the site (solid and liquid) in accordance with all Federal, State and Local Rules and Regulations;4. Collection and analysis of end-point samples to ascertain achievement of Track 1 SCOs5. Implementation of a Soil Vapor Intrusion Monitoring Plan to establish a baseline for soil vapor along the southern offsite boundary of the Site to ensure there is no potential for soil vapor intrusion into new development, and post-remedial monitoring of groundwater and soil vapor along the southern (downgradient) Site boundary to evaluate the effectiveness of the remedy as it pertains to these media; 6.Import of materials to be used for backfill in compliance with: (1) chemical limits and other specifications and (2) all Federal, State and local rules and regulations for handling and transport of material; 7.Placement of a concrete cap and waterproofing system over the entire site to prevent recontamination of the site as part of the foundation elements for the proposed structure. 8.All responsibilities associated with the Remedial Action, including permitting requirements and pretreatment requirements, will be addressed in accordance with all applicable Federal, State and local rules and regulations.The draft Final Engineering Report was submitted in June 2010 and was finalized in December 2010. A Certificate of Completion was issued December 17, 2010.

Health Problem: Since contaminated soil at the site has been excavated down to bedrock and cleaned up to NYSDEC Part 375 Unrestricted use soil cleanup objectives, no institutional or engineering controls are necessary or will be implemented.

BQ608 **VERIZON** **NY LTANKS** **S105055196**
SW **605 WEST 42ND ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.491 mi.
2592 ft. **Site 3 of 3 in cluster BQ**

Relative:
Lower

Actual:
16 ft.

LTANKS:

Site ID:	129026
Spill Number/Closed Date:	0103392 / 6/25/2002
Spill Date:	6/28/2001
Spill Cause:	Tank Failure
Spill Source:	Commercial Vehicle
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	6/28/2001
CID:	211
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/28/2001
Spill Record Last Update:	6/25/2002
Spiller Name:	JOHN QUATRALE
Spiller Company:	VERIZON
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller County:	001
Spiller Contact:	JOHN QUATRALE
Spiller Phone:	(212) 338-7141
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	111264
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"CLEANED BY VERIZON.
Remarks:	SOME PRODUCT WASHED DOWN DRAIN THAT LEADS TO SEWER - TANK FAILED ON VEHICLE - MIROY CONTACTED FOR CLEAN UP

Material:

Site ID:	129026
Operable Unit ID:	842019
Operable Unit:	01
Material ID:	535479
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

VERIZON (Continued) **S105055196**

Tank Test:

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609 East 1/4-1/2 0.492 mi. 2597 ft. **APARTMENT HOUSE**
1 COLUMBUS PLACE
MANHATTAN, NY

NY LTANKS **S103941538**
N/A

Relative: Higher

Actual: 77 ft.

LTANKS:

Site ID:	186524
Spill Number/Closed Date:	9903692 / 8/27/1999
Spill Date:	6/30/1999
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	6/30/1999
CID:	252
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/30/1999
Spill Record Last Update:	3/2/2000
Spiller Name:	MIQUEL
Spiller Company:	APARTMENT HOUSE
Spiller Address:	1 COLUMBUS PLACE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	MIQUEL
Spiller Phone:	(212) 845-6880
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	155892
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"12:03 spoke with joni allaise of the management. spills was on the sidewalk. contained with sand will cleanup.
Remarks:	APARTMENT COMPLEX HAD OIL COMPANY DELIVER TO WRONG TANK-THEY WILL ASSUME RESPONSIBILITY AND MAKE ARRANGEMENTS FOR CLEANUP PER CALLER.

Material:

Site ID:	186524
Operable Unit ID:	1078250
Operable Unit:	01
Material ID:	303601
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum

APARTMENT HOUSE (Continued) **S103941538**

Quantity: 5
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

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610 NE 1/4-1/2 0.494 mi. 2609 ft.

MANAHATTEN WATER TUNNEL
60TH STREET/AMSTERDAM
MANHATTAN, NY

NY LTANKS S104951586
NY Spills N/A

Relative: Higher

Actual: 67 ft.

LTANKS:

Site ID: 226657
Spill Number/Closed Date: 9412744 / 1/5/1995
Spill Date: 12/22/1994
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1/5/1995
Cleanup Meets Standard: True
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 12/22/1994
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/23/1994
Spill Record Last Update: 2/24/1995
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 254674
DEC Memo: Not reported
Remarks: TANK WAS OVERFILLED. 210 GALLONS PUMPED INTO SECOND TANK, 165 GALLONS IN VAULT. WINSTON ON SCENE. CALL BACK REQUESTED.

Material:

Site ID: 226657
Operable Unit ID: 1010323
Operable Unit: 01
Material ID: 375038

MANAHATTEN WATER TUNNEL (Continued) **S104951586**

Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 375
Units: Gallons
Recovered: 210
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 226657
Spill Tank Test: 1543476
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

SPILLS:
Facility ID: 0013535
DER Facility ID: 254674
Facility Type: ER
Site ID: 315908
DEC Region: 2
Spill Date: 3/27/2001
Spill Number/Closed Date: 0013535 / 4/7/2003
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 3/27/2001
CID: 382
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/27/2001
Spill Record Last Update: 1/6/2005
Spiller Name: AL CIRINO
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 60 AMSTERDAM AVE
Spiller City,St,Zip: MANHATTAN, NY
Spiller Company: 001
Contact Name: AL CIRINO

MANAHATTEN WATER TUNNEL (Continued) **S104951586**

Contact Phone:	(917) 418-2093
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"ACCORDING TO NYCHA, APPROX. 10-15 GALLONS OF OIL SPILLED ONTO DRIVEWAY AND SIDEWALK DURING FUEL DELIVERY, DUE TO DEFECTIVE HOSE FITTING. SEWERS NOT AFFECTED. SPILL CLEANED UP BY VENDOR, RAD OIL CO., WITH ABSORBENTS, AND VENDOR REPLACED HOSE FITTING.OK TO CLOSE.
Remarks:	spill caused by fitting problem on tank. clean up in progress.

Material:

Site ID:	315908
Operable Unit ID:	835649
Operable Unit:	01
Material ID:	540247
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0513806
DER Facility ID:	310487
Facility Type:	ER
Site ID:	360353
DEC Region:	2
Spill Date:	3/2/2006
Spill Number/Closed Date:	0513806 / 3/2/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	3/2/2006
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/2/2006
Spill Record Last Update:	3/2/2006
Spiller Name:	Not reported
Spiller Company:	SCHIAVONE CONSTRUCTION
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ

MANAHATTEN WATER TUNNEL (Continued) **S104951586**

Spiller Company:	001
Contact Name:	DON HICKEY
Contact Phone:	(212) 967-2212
DEC Memo:	minor spill - all cleaned
Remarks:	HOSE BROKE ON EXCAVATOR AND IS CLEANEDUP

Material:

Site ID:	360353
Operable Unit ID:	1117524
Operable Unit:	01
Material ID:	2108038
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0512558
DER Facility ID:	308871
Facility Type:	ER
Site ID:	358877
DEC Region:	2
Spill Date:	1/27/2006
Spill Number/Closed Date:	0512558 / 4/4/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	1/30/2006
CID:	407
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/30/2006
Spill Record Last Update:	4/4/2006
Spiller Name:	DON HICKEY
Spiller Company:	SHAFT 24-B
Spiller Address:	60TH ST/AMSTERDAM AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	DON HICKEY
Contact Phone:	(212) 967-2212

MANAHATTEN WATER TUNNEL (Continued) **S104951586**

DEC Memo: Not reported
Remarks: Contained and cleaned up.

Material:
Site ID: 358877
Operable Unit ID: 1116104
Operable Unit: 01
Material ID: 2106240
Material Code: 0010
Material Name: Hydraulic Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

611
SW
1/2-1
0.540 mi.
2850 ft.

CON EDISON - WEST 42ND ST. GAS WORKS MGP **EDR MGP** **1008407966**
WEST 41ST - WEST 42ND STS. **N/A**
MANHATTAN, NY 10018

Relative:
Lower

Actual:
17 ft.

Manufactured Gas Plants:
No additional information available

612
NE
1/2-1
0.622 mi.
3285 ft.

CON EDISON - WEST 65TH ST. WORKS MGP **EDR MGP** **1008407997**
WEST 65TH - WEST 66TH STS. **N/A**
NEW YORK, NY 10023

Relative:
Higher

Actual:
60 ft.

Manufactured Gas Plants:
No additional information available

Count: 471 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	94364146	BETWEEN E 13TH STREET SUB STATION	BETWEEN E 13TH ST	10023	ERNS
DOVER	1012089242	DOVER WEST SIDE AREA A	NORTH AND NEW STREETS	10001	US BROWNFIELDS, FINDS
DOVER	1012089376	DOVER WEST SIDE AREA C	FORREST AND DIVISION STREETS	10001	US BROWNFIELDS, FINDS
DOVER	1012089312	DOVER WEST SIDE AREA B	LINCOLN AND LOOCKERMAN STREETS	10001	US BROWNFIELDS, FINDS
HOBOKEN	S108061529	1100-1114 MADISON STREET & 1101-11	1100-1114 MADISON ST / 1101-	10019	NJ VCP
MANHATTAN	S108933171	CONSOLIDATED EDISON	11TH AVE & 49TH ST	10019	NY MANIFEST
MANHATTAN	S109321214	CONSOLIDATED EDISON	11TH AVE & 51ST ST	10019	NY MANIFEST
MANHATTAN	S110137978	CONSOLIDATED EDISON	322 E 11TH ST	10020	NY MANIFEST
MANHATTAN	S105838150	NYCDOS W 30TH ST RECYCLING FACILIT	W 30TH ST & W SIDE HWY	10001	NY SWRCY
MANHATTAN	U004078483	20 WEST 33RD STREET	20 W 33RD ST	10001	NY AST
MANHATTAN	U004078223	15 WEST 37TH STREET	15 W 37TH ST	10018	NY AST
MANHATTAN	S110045861	CONSOLIDATED EDISON	3RD AVE & 55TH ST MH 5778	10020	NY MANIFEST
MANHATTAN	U004077968	25 WEST 45 STREET ASSOCIATES, L.P.	25 W 45TH ST	10036	NY AST
MANHATTAN	2008915822	637 WEST 49TH ST	637 W 49TH ST	10019	ERNS
MANHATTAN	S110045904	CONSOLIDATED EDISON	50TH ST & 12TH AVE	10019	NY MANIFEST
MANHATTAN	S109825121	CONED	E 54TH SAINT FRONT	10001	NY MANIFEST
MANHATTAN	2008908658	241 WEST 76TH ST.	241 W 76TH ST	10023	ERNS
NEW YORK	S111790352	CONSOLIDATED EDISON - MH9875	F & O 3 WEST 51ST ST	10019	NY MANIFEST
NEW YORK	S112141023	CONSOLIDATED EDISON OF NY	F & O 314 W 55TH ST	10019	NY MANIFEST
NEW YORK	1009239086	CONSOLIDATED EDISON	F & O 74 E 55TH ST		NY MANIFEST
NEW YORK	1009238854	CONSOLIDATED EDISON	MH12190 & 50TH AVE		NY MANIFEST
NEW YORK	1007208144	CONSOLIDATED EDISON	MH33868 & W 52ND ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	S108466284	PARK WEST VILLAGE	W 100TH ST		NY Spills
NEW YORK	1009241777	CONSOLIDATED EDISON	V1371 100TH E 50TH ST & PARK		NY MANIFEST
NEW YORK	S107521450	OPEN LAND -PAPER STREET	N 10TH ST		NY Spills
NEW YORK	1014926192	CON EDISON MANHOLE MH62182	10TH AVE & W 49TH ST	10036	RCRA NonGen / NLR
NEW YORK	U004076699	BERNARD T LOHMANN-APTS	440 10TH AVE	10001	NY AST
NEW YORK	S102144527	10TH AVENUE / DIVISION AV	10TH AVE & DIVISION AVE		NY Spills
NEW YORK	1009238608	CONSOLIDATED EDISON	8173 10TH AVE		NY MANIFEST
NEW YORK	1009243868	CONSOLIDATED EDISON	MH6021 10TH AVE & 42ND ST		NY MANIFEST
NEW YORK	1009238741	CONSOLIDATED EDISON	1606 10TH AVE	10001	NY MANIFEST
NEW YORK	S112210312	CON EDISON	10TH AVE N	10001	NY MANIFEST
NEW YORK	S112210313	CON EDISON	10TH AVE N	10001	NY MANIFEST
NEW YORK	S112210314	CON EDISON	10TH AVE N	10001	NY MANIFEST
NEW YORK	S112210315	CON EDISON	10TH AVE N	10001	NY MANIFEST
NEW YORK	S112210316	CON EDISON	10TH AVE N	10001	NY MANIFEST
NEW YORK	S112210639	CON EDISON	547 10TH AVE	10036	NY MANIFEST
NEW YORK	S112210644	CON EDISON	548 10TH AVE	10036	NY MANIFEST
NEW YORK	S112210645	CON EDISON	544 10TH AVE	10036	NY MANIFEST
NEW YORK	S112210378	CON EDISON	ES 10TH AVE S & O W 40TH ST	10018	NY MANIFEST
NEW YORK	S112210801	CON EDISON	735 10TH AVE	10036	NY MANIFEST
NEW YORK	1007207180	CONSOLIDATED EDISON	MH407 10TH AVE & ISHON ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009241645	CONSOLIDATED EDISON	MH60474 10TH AVE N & W O S		NY MANIFEST

Count: 471 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW YORK	1009243850	CONSOLIDATED EDISON	407 10TH AVENUE ISHAM ST		NY MANIFEST
NEW YORK	1009240360	CONSOLIDATED EDISON	MH43138 10TH AVE & W 26TH ST	10020	NY MANIFEST
NEW YORK	1009236539	CONSOLIDATED EDISON	MH62184 10TH AVE & WITTI ST	10001	NY MANIFEST
NEW YORK	1009238403	CONSOLIDATED EDISON	8259 E 10TH ST		NY MANIFEST
NEW YORK	1009241697	CONSOLIDATED EDISON	10TH AVENUE BTW 44TH ST & 45T		NY MANIFEST
NEW YORK	1009235694	NYCDEP	10TH AVE BTW W29TH & W30TH ST		NY MANIFEST
NEW YORK	1014398211	CON EDISON	OF 10TH AVE	10019	RCRA NonGen / NLR
NEW YORK	1014397946	CON EDISON	10TH AVE & W 202ND ST	10036	RCRA NonGen / NLR
NEW YORK	1007207751	CONSOLIDATED EDISON	5860 E 10TH ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207682	CONSOLIDATED EDISON	MH93093 10TH AVE & W 22ND ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207790	CONSOLIDATED EDISON	MH43147 10TH AVE & W 27TH ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207847	CONSOLIDATED EDISON	MH3205 10TH AVE & W 34TH ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207907	CONSOLIDATED EDISON	MH43122 10TH AVE & W 25TH	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207921	CONSOLIDATED EDISON	MH43224 10TH AVE & 37TH AVE	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1008195675	CONSOLIDATED EDISON	10TH AVE & STS	10023	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	S109064721	CONSOLIDATED EDISON	10TH SAINT BETWEEN AVE B & AV	10020	NY MANIFEST
NEW YORK	S109064867	CONSOLIDATED EDISON	43 ST 10TH AVE	10020	NY MANIFEST
NEW YORK	S109825694	CONSOLIDATED EDISON	E 10TH ST	10020	NY MANIFEST
NEW YORK	S109942920	3150 WEST 115TH	3150 W 115TH		NY Spills
NEW YORK	S110138245	PLAZA WEST ASSOCIATES LLC	686 11TH AVE	10036	NY MANIFEST
NEW YORK	2003637440	37 -23 11TH STREET	3723 11TH ST	10023	ERNS
NEW YORK	U004180311	GOTHAM WEST DEVELOPMENT	592 11TH AVE	10036	NY UST
NEW YORK	S111158155	EAST 11TH STREET (BETWEEN AVE C &	E 11TH AVE & D	10036	NY MANIFEST
NEW YORK	S110709382	CONSOLIDATED EDISON	11TH AVE & W 59TH ST	10019	NY MANIFEST
NEW YORK	S111158045	CONSOLIDATED EDISON	11TH AVE & 50TH ST	10020	NY MANIFEST
NEW YORK	U004076813	653 ELEVENTH AVENUE	653 11TH AVE	10036	NY AST
NEW YORK	U003074907	PENSKE AUTO CENTER OF NY INC	798 11TH AVENUE	10019	NY HIST UST, NY HIST AST
NEW YORK	S110490880	CONSOLIDATED EDISON	11TH AVE & W 54TH ST	10019	NY MANIFEST
NEW YORK	1010787480	CON EDISON	11TH AVE & 50TH ST	10019	RCRA NonGen / NLR
NEW YORK	1009233359	NYNEX	11TH AVE & 89TH ST		NY MANIFEST
NEW YORK	S112210335	CON EDISON	ES 11TH AVE S & O W 40TH ST	10018	NY MANIFEST
NEW YORK	S112210660	CON EDISON	WS 11TH AVENUE 25 FT W	10036	NY MANIFEST
NEW YORK	S112210662	CON EDISON	EO 11TH AVE W	10036	NY MANIFEST
NEW YORK	S112210672	CON EDISON	EO 11TH AVE W	10036	NY MANIFEST
NEW YORK	S112210897	CON EDISON	11TH AVE & W 45TH ST	10036	NY MANIFEST
NEW YORK	1009241136	CONSOLIDATED EDISON	MH61725 11TH AVE & 52ND 53RD		NY MANIFEST
NEW YORK	1009240603	CONSOLIDATED EDISON	10 11TH AVE	10001	NY MANIFEST
NEW YORK	1009237499	CONSOLIDATED EDISON	MH08 11TH AVE & 48TH ST		NY MANIFEST
NEW YORK	1009237502	CONSOLIDATED EDISON	MH61722 11TH AVE BTW 25 & 26T		NY MANIFEST
NEW YORK	1009243454	CONSOLIDATED EDISON	11TH AVE & 60TH ST		NY MANIFEST
NEW YORK	S109580156	CE - W. 58TH ST. STATION	W 11TH AVE	10019	NY VCP
NEW YORK	S108650448	CONSOLIDATED EDISON	11TH AVE & 52ND ST		NY MANIFEST
NEW YORK	S108650449	CONSOLIDATED EDISON	11TH AVE & 58TH ST	10019	NY MANIFEST
NEW YORK	1014918329	CON EDISON MANHOLE 60137	11TH AVE & W 59TH ST	10019	RCRA NonGen / NLR
NEW YORK	1014918321	CON EDISON MANHOLE 61007	11TH AVE & W 58TH ST ES	10019	RCRA NonGen / NLR
NEW YORK	1014919489	MTA #7 LINE EXTENSION PROJECT - SI	11TH AVENUE BENEATH VIA	10001	RCRA-LQG
NEW YORK	1010326710	CON EDISON	11TH AVE & 58TH ST	10019	RCRA NonGen / NLR, NY MANIFEST

Count: 471 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW YORK	1010327074	CONSOLIDATED EDISON	MH33569 11TH ST & 5TH AVE		RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009235727	NYC DEP HAZ MAT UNIT	127TH AVE & 11TH ST	10001	NY MANIFEST
NEW YORK	S110771733	WEST 30TH ST HELIPORT	12TH AVE & W 30TH ST	10001	NY TANKS
NEW YORK	1014397295	CON EDISON	12TH AVENUE 10 OF 50TH ST W	10001	RCRA-CESQG
NEW YORK	1014397379	CON EDISON	12TH AVENUE 20 OF 50TH ST W	10001	RCRA-CESQG
NEW YORK	1009243244	CONSOLIDATED EDISON	1923 130TH 51ST E		NY MANIFEST
NEW YORK	1014399010	CON EDISON	150TH W 55TH SAINT BTWN & 7TH	10019	RCRA NonGen / NLR
NEW YORK	1009240636	CONSOLIDATED EDISON	MH57308 17TH ST & 10TH AVE	10001	NY MANIFEST
NEW YORK	1007207715	CONSOLIDATED EDISON	V5316 1ST AVE & 51ST ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1014918401	CON EDISON MANHOLE 43432	W 207TH ST & 10TH AVE SW COR	10023	RCRA NonGen / NLR
NEW YORK	2010945904	20TH AVE AND 31ST STREET	20TH AVE AND 31ST ST		ERNS
NEW YORK	1009240245	CONSOLIDATED EDISON	MH43083 20TH ST & 10TH AVE	10020	NY MANIFEST
NEW YORK	1009237531	CONSOLIDATED EDISON	V57757 211ST & 50TH AVE		NY MANIFEST
NEW YORK	1014919050	CON EDISON MANHOLE 411	W 213TH ST & 10TH AVE	10001	RCRA NonGen / NLR
NEW YORK	1009241084	CONSOLIDATED EDISON	MH412 214TH ST & 10TH AVE		NY MANIFEST
NEW YORK	1014919052	CON EDISON MANHOLE 412	W 214TH ST & 10TH AVE	10001	RCRA NonGen / NLR
NEW YORK	1014919051	CON EDISON MANHOLE 413	W 215TH ST & 10TH AVE	10001	RCRA NonGen / NLR
NEW YORK	1007207689	CONSOLIDATED EDISON	MH43089 21ST ST & 10TH AVE	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	2010959477	WEST 220TH ST. AND BROADWAY	W 220TH ST		ERNS
NEW YORK	S102144559	WEST 235TH STREET / BRONX	W 235TH ST		NY Spills
NEW YORK	1008195659	CONSOLIDATED EDISON	MH61721 23RD ST & 10TH AVE		RCRA NonGen / NLR, NY MANIFEST
NEW YORK	U004078338	133 WEST 25TH STREET	133 W 25TH ST	10001	NY AST
NEW YORK	U004081916	WEST 25TH STREET OWNERS, INC.	254 W 25TH ST	10001	NY AST
NEW YORK	U004078582	159 WEST 25TH STREET LLC	159 W 25TH ST	10001	NY AST
NEW YORK	U004077970	151 WEST 25TH STREET	151 W 25TH ST	10001	NY AST
NEW YORK	S100142817	239 WEST 264TH ST	239 W 264TH ST		NY LTANKS
NEW YORK	U004078272	127 WEST 26TH STREET	127 W 26TH ST	10001	NY AST
NEW YORK	U004078336	226 WEST 26TH ST LLC	226 W 26TH ST	10001	NY AST
NEW YORK	U004076241	142 WEST 26TH STREET	142 W 26TH ST	10001	NY AST
NEW YORK	U004077197	40 WEST 27TH ST	40 W 27TH ST	10001	NY AST
NEW YORK	U004078479	153 WEST 27TH STREET	153 W 27TH ST	10001	NY AST
NEW YORK	1009240602	CONSOLIDATED EDISON	MH43143 27TH ST & 10TH AVE	10001	NY MANIFEST
NEW YORK	S109064467	BELL ATLANTIC-NY	27TH ST & 10TH ST		NY MANIFEST
NEW YORK	2011967825	28TH STREET STATION	28TH STREET STA		ERNS
NEW YORK	U004076721	146-48 WEST 28TH STREET	14648 W 28TH ST	10001	NY AST
NEW YORK	U004077156	134 WEST 29TH STREET	134 W 29TH ST	10001	NY AST
NEW YORK	U004078015	146 WEST 29TH STREET	146 W 29TH ST	10001	NY AST
NEW YORK	1007207881	CONSOLIDATED EDISON	MH54459 2ND AVE & E 55TH ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207934	CONSOLIDATED EDISON	MH54425 2ND AVE & E 52ND ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	A100364834	WEST 30TH ST. RECYCLING FACILITY (	W 30TH ST & WEST SIDE HWY	10001	NY AST
NEW YORK	U004076450	259 WEST 30TH ST	259 W 30TH ST	10001	NY AST
NEW YORK	S109064422	BELL ATLANTIC NY	30TH ST & WESTSIDE HWY MANH S		NY MANIFEST
NEW YORK	S109064446	BELL ATLANTIC NY	W 31ST ST & WESTSIDE HWY MANH		NY MANIFEST
NEW YORK	U004078528	38 WEST 32ND STREET	38 W 32ND ST	10001	NY AST
NEW YORK	U004076659	424 W 33RD STREET ASSOCIATES	424 W 33ND ST	10001	NY AST
NEW YORK	S112146699	MOTOR OIL	W 33RD SAINT BTW 11TH		NY Spills
NEW YORK	U004156981	516 WEST 34TH STREET	2 W 34TH ST	10001	NY AST

Count: 471 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW YORK	S107781290	516 WEST 34TH STREET	W 34TH ST	10001	NY HIST AST
NEW YORK	S112210301	CON EDISON	441 W 34THSTEO 10TH AVE	10001	NY MANIFEST
NEW YORK	U004076168	253 WEST 35TH STREET	253 W 35TH ST	10001	NY AST
NEW YORK	U004077881	229 WEST 36TH STREET	229 W 36TH ST	10018	NY AST
NEW YORK	U004076754	327 WEST 36TH ST	327 W 36TH ST	10018	NY AST
NEW YORK	U004077499	3738 WEST CO	225 W 37TH ST	10018	NY AST
NEW YORK	U004077596	148 WEST 37TH STREET	148 W 37TH ST	10018	NY AST
NEW YORK	U004154641	MIDTOWN WEST A	455 W 37TH ST	10018	NY AST
NEW YORK	U004077392	109 WEST 38TH L.L.C.	109 W 38TH ST	10018	NY AST
NEW YORK	U004061748	38TH STREET YARD	38TH ST & 9TH AVE	10018	NY UST
NEW YORK	U004077235	102 WEST 38 STREET	102 W 38TH ST	10018	NY AST
NEW YORK	U004077978	21 WEST 38 STREET	21 W 38TH ST	10018	NY AST
NEW YORK	U004076805	28-30 WEST 38TH STREET OWNERS CORP	2628 W 38TH ST	10018	NY AST
NEW YORK	U004159750	37-38 WEST, LLC	230 W 38TH ST	10018	NY AST
NEW YORK	1009238609	CONSOLIDATED EDISON	V5166 395TH 10TH AVE & W 38TH		NY MANIFEST
NEW YORK	S110306955	215557; E 39 STREET AND TUNNEL ENT	E 39TH ST & TUNL ENTRANCE		NY Spills
NEW YORK	S110306943	215452; W 39 STREET AND KENT AVENU	W 39TH ST & KENT AVE		NY Spills
NEW YORK	U004078229	318 WEST 39TH STREET	318 W 39TH ST	10018	NY AST
NEW YORK	U004077665	WEST SIDE LOFTS LTD	347 W 39TH ST	10018	NY AST
NEW YORK	S111314313	CONSOLIDATED EDISON	W 39TH STREET BTW 10 AVE & 11		NY MANIFEST
NEW YORK	1007208505	CONSOLIDATED EDISON	MH7385 39TH ST & 10TH AVE		RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007208120	CONSOLIDATED EDISON	MH43240 39TH ST & 10TH AVE	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009239661	CONSOLIDATED EDISON	MH45007 3RD & E 54TH	10020	NY MANIFEST
NEW YORK	1009238663	CONSOLIDATED EDISON	V9523 3RD AVE & E 10TH ST		NY MANIFEST
NEW YORK	1007208133	CONSOLIDATED EDISON	MH43988 3RD AVE & E 53RD ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	U004081268	66-70 WEST 40TH ST	70 W 40TH ST	10018	NY AST
NEW YORK	U004076120	58-64 WEST 40TH ST	58 W 40TH ST	10018	NY AST
NEW YORK	U004077322	80 WEST 40TH ST ASSOCOCIATES	80 W 40TH ST	10018	NY AST
NEW YORK	99611604	123 WEST 40TH	123 W 40TH	10023	ERNS
NEW YORK	1015746938	CON EDISON MANHOLE 60103	W 40TH ST & 11TH AVE 267 FEET	10018	RCRA NonGen / NLR
NEW YORK	U004076786	300 W 43RD STREET	300 W 43RD ST	10036	NY AST
NEW YORK	1009242053	CONSOLIDATED EDISON	MH62499 43RD ST & 11TH AVE		NY MANIFEST
NEW YORK	1014918305	CON EDISON MANHOLE 10300	44TH W 53RD ST & 6TH AVE	10019	RCRA NonGen / NLR
NEW YORK	U004078697	432 WEST 45TH STREET	432 W 45TH ST	10036	NY AST
NEW YORK	U004077793	33 WEST 46TH STREET LLC	33 W 46TH ST	10036	NY AST
NEW YORK	U003386501	36 WEST 47TH ST	36 WEST 47TH ST	10036	NY HIST AST
NEW YORK	U003395074	406 WEST 47TH STREET, HDFC	406 WEST 47TH STREET	10036	NY HIST AST
NEW YORK	U004078369	150 WEST 47TH STREET	150 W 47TH ST	10036	NY AST
NEW YORK	S109155721	CONSOLIDATED EDISON	W 47TH ST & 11TH AVE MH 60299		NY MANIFEST
NEW YORK	S109155722	CONSOLIDATED EDISON	W 47TH ST & 11TH AVE MH60299		NY MANIFEST
NEW YORK	1014919353	CON EDISON MANHOLE 43311	W 47TH ST & 10TH AVE SE COR	10036	RCRA NonGen / NLR
NEW YORK	U004078526	64 WEST 48TH STREET	64 W 48TH ST	10036	NY AST
NEW YORK	S111314060	CONSOLIDATED EDISON - MH 62181	48TH ST & 11TH AVE	10020	NY MANIFEST
NEW YORK	S112139561	NYC DEP	W 48TH ST & 11TH AVE	10036	NY MANIFEST
NEW YORK	1014957381	NYC DEP	W 48TH ST & 11TH AVE	10036	RCRA NonGen / NLR
NEW YORK	1014396287	CON EDISON - SERVICE BOX 10994	W 495TH ST & 10TH AVE	10019	RCRA-LQG
NEW YORK	A100175754	537 WEST 49TH STREET	537 W 49TH ST	10019	NY AST

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City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW YORK	2010959322	WEST 49TH STREET	W 49TH ST		ERNS
NEW YORK	2010959321	WEST 49TH STREET	W 49TH ST		ERNS
NEW YORK	S112146296	MANHATTAN SUBSTATION WEST 49TH ST	W 49TH ST		NY Spills
NEW YORK	1009241852	CONSOLIDATED EDISON	MH60244 49TH ST & 677 11TH AV		NY MANIFEST
NEW YORK	1009240748	CONSOLIDATED EDISON	49TH AVE & 11TH ST		NY MANIFEST
NEW YORK	S111157612	CONSOLIDATED EDISON - MH 12261	E 50TH & O COLUMBUS AVE	10020	NY MANIFEST
NEW YORK	S112211022	CON EDISON	29 W 50TH ST	10019	NY MANIFEST
NEW YORK	1009239083	CONSOLIDATED EDISON	1069 W 50TH ST		NY MANIFEST
NEW YORK	1009240507	CONSOLIDATED EDISON	MH39945 50TH ST & 9TH AVE	10001	NY MANIFEST
NEW YORK	1009242531	CONSOLIDATED EDISON	W 50TH ST & 12TH AVE	10019	NY MANIFEST
NEW YORK	1014396892	CON EDISON	50TH E 96TH ST & MADISON AVE	10019	RCRA-CESQG
NEW YORK	S108980723	CONSOLIDATED EDISON	50TH SAINT BET AVE & 12TH AVE	10020	NY MANIFEST
NEW YORK	S110045905	CONSOLIDATED EDISON	50TH S OF LAFAYETTE & RIVERDA		NY MANIFEST
NEW YORK	1015746918	CON EDISON SERVICE BOX 32442	W 50TH ST & 8TH AVE SW COR	10019	RCRA NonGen / NLR
NEW YORK	1014926552	CON EDISON MANHOLE 32452	W 51ST ST & 8TH AVE SW COR	10019	RCRA NonGen / NLR
NEW YORK	1009236453	CONSOLIDATED EDISON	0869 W 51ST ST	10001	NY MANIFEST
NEW YORK	1009241545	CONSOLIDATED EDISON	1183 W 51ST ST		NY MANIFEST
NEW YORK	1009239400	CONSOLIDATED EDISON	MH55408 51ST & 2ND AVE	10001	NY MANIFEST
NEW YORK	1007207483	CONSOLIDATED EDISON	2314 W 51ST ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009231552	NEW YORK CITY DEP	51ST ST & 12TH AVE	10019	NY MANIFEST
NEW YORK	1009237719	CONSOLIDATED EDISON	4706 51ST ST		NY MANIFEST
NEW YORK	1009237720	CONSOLIDATED EDISON	W 51ST ST		NY MANIFEST
NEW YORK	1009240305	CONSOLIDATED EDISON	39958 W 51ST ST	10020	NY MANIFEST
NEW YORK	1009237742	CONSOLIDATED EDISON	5113 W 51ST ST		NY MANIFEST
NEW YORK	1009239420	CONSOLIDATED EDISON	MH33869 51ST & 5TH	10020	NY MANIFEST
NEW YORK	1009239111	CONSOLIDATED EDISON	4579 E 51ST ST	10001	NY MANIFEST
NEW YORK	1009238704	CONSOLIDATED EDISON	VS7364 51ST RD & 67TH ST	10001	NY MANIFEST
NEW YORK	1009239499	CONSOLIDATED EDISON	6535 W 51ST ST	10020	NY MANIFEST
NEW YORK	1009237636	CONSOLIDATED EDISON	1053 W 51ST ST		NY MANIFEST
NEW YORK	1007208081	CONSOLIDATED EDISON	6615 W 51ST ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207696	CONSOLIDATED EDISON	1046 W 51ST ST	10019	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007208030	CONSOLIDATED EDISON	6198 W 51ST ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	U004076536	THE 305 WEST 52 CONDOMINIUM	305 W 52ND ST	10019	NY AST
NEW YORK	1014926613	CON EDISON MANHOLE 32462	W 52ND ST & 8TH AVE SW COR	10019	RCRA NonGen / NLR
NEW YORK	1009243087	CONSOLIDATED EDISON	5177 W 52ND ST		NY MANIFEST
NEW YORK	1009237811	CONSOLIDATED EDISON	1307 E 52ND ST		NY MANIFEST
NEW YORK	1009225636	NEW YORK CITY ECONMIC DEV COPR	52ND CHAMBERS S & TWEED COURT	10001	NY MANIFEST
NEW YORK	1009238397	CONSOLIDATED EDISON	3484 52ND ST		NY MANIFEST
NEW YORK	1009238739	CONSOLIDATED EDISON	3838 E 52ND ST		NY MANIFEST
NEW YORK	1009239538	CONSOLIDATED EDISON	1224 E 52ND ST	10020	NY MANIFEST
NEW YORK	1007207573	CONSOLIDATED EDISON	MH43976 52ND ST & 3RD AVE	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207646	CONSOLIDATED EDISON	2880 E 52ND ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007208533	CONSOLIDATED EDISON	1224 52ND ST		RCRA NonGen / NLR, NY MANIFEST
NEW YORK	U004078436	CBS CORPORATION	51 W 52ND ST	10019	NY AST
NEW YORK	U004081827	THE ELLINGTON	260 W 52ND ST	10019	NY AST
NEW YORK	U004131303	NEIL SIMON THEATRE	250 W 52ND ST	10019	NY AST
NEW YORK	1014395880	CON EDISON - MANHOLE 10194	437 W 53 ST AND 10TH AVE	10019	RCRA-LQG

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City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW YORK	U004129120	300 WEST 53 CONDOMINIUM	300 W 53RD ST	10019	NY AST
NEW YORK	U004077862	MIDWEST COURT, LLC	410 W 53RD ST	10019	NY AST
NEW YORK	S111314212	CONED	53RD AVE		NY MANIFEST
NEW YORK	1009241820	CONSOLIDATED EDISON	44702 W 53RD ST		NY MANIFEST
NEW YORK	1009239870	CONSOLIDATED EDISON	MH10333 53RD SAINT MADISON &	10020	NY MANIFEST
NEW YORK	1009239401	CONSOLIDATED EDISON	MH54433 53RD & 8TH AVE	10001	NY MANIFEST
NEW YORK	1009239984	CONSOLIDATED EDISON	V9057 53RD AVE & 62ND ST		NY MANIFEST
NEW YORK	1009237915	CONSOLIDATED EDISON	5473 W 53RD ST		NY MANIFEST
NEW YORK	1009238486	CONSOLIDATED EDISON	MH3821 53RD & AVE I		NY MANIFEST
NEW YORK	1009238770	CONSOLIDATED EDISON	V0185 53RD ST & 5TH AVE		NY MANIFEST
NEW YORK	1007205395	CON ED - V 0289	W 53RD ST	10019	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1012186054	CON EDISON - SERVICE BOX 12275	53RD E66TH ST & MADISON AVE	10023	RCRA-LQG
NEW YORK	1014919456	CON EDISON MANHOLE 46759	W 53RD ST & 6TH AVE NW COR	10019	RCRA NonGen / NLR
NEW YORK	1009238981	CONSOLIDATED EDISON	0837 E 54TH ST		NY MANIFEST
NEW YORK	1007206976	CONSOLIDATED EDISON	V9068 54TH AVE & 46TH ST		RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009241124	CONSOLIDATED EDISON	MH59319 54TH ST & 6TH AVE		NY MANIFEST
NEW YORK	1009241127	CONSOLIDATED EDISON	MH38725 54TH ST & LEXINGTON A		NY MANIFEST
NEW YORK	1009239475	CONSOLIDATED EDISON	6410 W 54TH ST	10001	NY MANIFEST
NEW YORK	1009240742	CONSOLIDATED EDISON	44720 54TH ST		NY MANIFEST
NEW YORK	1009242609	CONSOLIDATED EDISON	1189 W 54TH ST		NY MANIFEST
NEW YORK	1014398503	CON EDISON MANHOLE	W 54TH ST & 11TH AVE	10019	RCRA NonGen / NLR
NEW YORK	S109825960	CONSOLIDATED EDISON	W 54TH SAINT FRONT 907		NY MANIFEST
NEW YORK	1014918372	CON EDISON MANHOLE 43375	W 54TH ST & 10TH AVE SE COR	10019	RCRA NonGen / NLR
NEW YORK	S110306357	212275; 410-416 54 ST	410 54TH ST		NY Spills
NEW YORK	1014395882	CON EDISON - MANHOLE 10618	461 W 55 ST AND 10TH AVE	10019	RCRA-LQG
NEW YORK	1009237862	CONSOLIDATED EDISON	V7957 55TH AVE & VAN HORN		NY MANIFEST
NEW YORK	1009225980	CELEBRITY CRUISE LINES	55TH ST & 12TH AVE	10019	NY MANIFEST
NEW YORK	1007207521	CONSOLIDATED EDISON	MH15104 55TH AVE E & O 97TH S	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007206877	VS0707	198 W 55TH ST	10019	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009237557	CONSOLIDATED EDISON	773 E 55TH ST		NY MANIFEST
NEW YORK	1009235703	NYC DEP	55TH ST &	10001	NY MANIFEST
NEW YORK	1009237936	CONSOLIDATED EDISON	2577 W 55TH ST		NY MANIFEST
NEW YORK	1007208097	CONSOLIDATED EDISON	4057 W 55TH ST	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207845	CONSOLIDATED EDISON	MH27345 55TH ST & BROADWAY	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	U004078749	419-421 W 55TH ST	419421 W 55TH ST	10019	NY AST
NEW YORK	U004081668	15-19 W 55 ST	15 W 55TH ST	10019	NY AST
NEW YORK	U004076776	401 WEST 56TH ST	401 W 56TH ST	10019	NY AST
NEW YORK	1014396062	CON EDISON	572ND W 42ND SAINT BTWN & 10T	10036	RCRA-CESQG
NEW YORK	U004077723	157 WEST 57TH ST	157 W 57TH ST	10019	NY AST
NEW YORK	U004192380	221 WEST 57TH ST	217 W 57TH ST	10019	NY AST
NEW YORK	S112817683	CON EDISON	57TH ST & 11TH AVE	10023	NY MANIFEST
NEW YORK	S112817717	CON EDISON	57TH ST & 11TH AVE	10023	NY MANIFEST
NEW YORK	1011562483	NYCDOS - 59TH STREET MARINE TRANSF	59TH ST & W SIDE HWY NEW YO	10019	ICIS
NEW YORK	1014398388	CON EDISON	645 W 59TH SAINT BTWN 11TH	10019	RCRA NonGen / NLR
NEW YORK	S109942993	59TH GENERATION STATION	59TH SAINT OFF THE WEST SIDE H		NY Spills
NEW YORK	1009240584	CONSOLIDATED EDISON	MH33869 5TH AVE & W 51ST ST	10001	NY MANIFEST
NEW YORK	1009240343	CONSOLIDATED EDISON	MH33868 5TH AVE & 50TH ST	10020	NY MANIFEST

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NEW YORK	1009242941	CONSOLIDATED EDISON	MH33863 5TH AVE & 50TH ST		NY MANIFEST
NEW YORK	S109375404	CONSOLIDATED EDISON MH33863	MH33863 5TH AVE & 50TH ST	10019	NY MANIFEST
NEW YORK	S109375394	CONSOLIDATED EDISON	5TH AVE & 50TH ST MH	10019	NY MANIFEST
NEW YORK	1009234799	CONSOLIDATED EDISON	62512TH 11TH AVE & W 50TH ST		NY MANIFEST
NEW YORK	S109155605	CONSOLIDATED EDISON	626TH 10TH AVE & 45TH ST		NY MANIFEST
NEW YORK	S109825598	CONSOLIDATED EDISON	E 630TH ST & 11TH ST	10020	NY MANIFEST
NEW YORK	U004129108	63RD WEST REALTY	243 W 63RD ST	10023	NY AST
NEW YORK	U004076444	33 WEST 63RD ST	33 W 63RD ST	10023	NY AST
NEW YORK	U004081676	25 WEST 64 ST OWNERS CORP.	25 W 64TH ST	10023	NY AST
NEW YORK	U004077286	29 WEST 64TH STREET OWNRS CORP	29 W 64TH ST	10023	NY AST
NEW YORK	S112230302	33885 MANHOLE	680TH 5TH AVE & X 53RD ST		NY Spills
NEW YORK	1014957353	MTA NYCT	6TH AVENUE W 53RD ST	10019	RCRA NonGen / NLR
NEW YORK	1010328043	MTA NYCT ROCKEFELLER CTR STA (B D	6TH AVE BET 47TH & 50TH STS	10036	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	U004148279	30 WEST 70TH STREET ASSOC. LLC	30 W 70TH ST	10023	NY AST
NEW YORK	U004078384	171 WEST 71TH STREET CORP.	171 W 71ST ST	10023	NY AST
NEW YORK	1000353050	CONRAIL N 72 STREET	W 72DN ST	10023	RCRA NonGen / NLR, FINDS
NEW YORK	U004076606	166 WEST 72ND ST	166 W 72ND ST	10023	NY AST
NEW YORK	U004081620	119-23 WEST 72ND STREET OWNERS COR	11923 W 72ND ST	10023	NY AST
NEW YORK	U004081694	WEST PIERRE ASSOC. LLC	253 W 72ND ST	10023	NY AST
NEW YORK	U004076440	322 WEST 72 APT CORP	322 W 72ND ST	10023	NY AST
NEW YORK	U004077054	160 WEST 73RD ST	160 W 73RD ST	10023	NY AST
NEW YORK	U004081816	WEST 73RD TENANTS CORP COOPER SQ	175 W 73RD ST	10023	NY AST
NEW YORK	U004078486	255 WEST 75 ST	255 W 75TH ST	10023	NY AST
NEW YORK	U004078217	WEST PARK HOUSING CORP	170 W 76TH ST	10023	NY AST
NEW YORK	U004077772	320 WEST 76 CORPORATION	320 W 76TH ST	10023	NY AST
NEW YORK	1009240743	CONSOLIDATED EDISON	SB44721 7TH AVE & W 55TH ST		NY MANIFEST
NEW YORK	U004078007	520 8TH AVENUE & 266 W. 37TH STREE	520 8TH AVE	10018	NY AST
NEW YORK	1014397376	CON EDISON	8TH AVE BTWN 55TH & 56TH ST	10019	RCRA-CESQG
NEW YORK	2010954738	96TH STREET STATION	96TH STREET STA		ERNS
NEW YORK	S110306911	215275; 99 STREET AND 55 AVENUE	99TH ST & 55TH AVE		NY Spills
NEW YORK	1015754393	MANHATTAN WEST PLATFORM	9TH AVE BETWEEN 33RD W & W	10001	RCRA-LQG
NEW YORK	S109207368	ACADEMY STREET SUBSTATION	1 ACADEMY ST		NY Spills
NEW YORK	1009239348	CONSOLIDATED EDISON	MH24329 ACADEMY & 10TH AVE	10020	NY MANIFEST
NEW YORK	1009244419	CONSOLIDATED EDISON	MH24335 ACADEMY ST & 10TH AVE		NY MANIFEST
NEW YORK	S111987330	MTA #7 LINE EXTENSION C26505 (SITE	E AVE SIDE OF 11TH BETWEEN 25T	10001	NY TANKS
NEW YORK	1009243252	CONSOLIDATED EDISON	AVE C & 11TH		NY MANIFEST
NEW YORK	1007208271	CONSOLIDATED EDISON	MH306 AVE A & E 10TH ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007208282	CONSOLIDATED EDISON	AVE MH5653 & 10TH ST		RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007208162	CONSOLIDATED EDISON	MH30624 AVE A & E 10TH ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	S110137932	CONSOLIDATED EDISON	AVE D & 11TH STREET MH 327	10020	NY MANIFEST
NEW YORK	S109064725	CONSOLIDATED EDISON	AVENUE BETWEEN 51 ST & 50TH S		NY MANIFEST
NEW YORK	S110306912	215286; BATCHELDER STREET AND AVEN	BATCHELDER ST & AVENUEZ		NY Spills
NEW YORK	S110306941	215412; BAY 47 STREET AND BATH AVE	BAY 47 ST & BATH AVE		NY Spills
NEW YORK	S110306935	215348; BEDFORD AVENUE AND E 120TH	BEDFORD AVE & E 120TH ST		NY Spills
NEW YORK	S108294358	GRID # 39 WEST 61ST STREE	W BETWEEN & 61S		NY Spills
NEW YORK	S110306577	213674; BOWNE STREET AND SANFORD S	BOWNE ST & SANFORD ST		NY Spills
NEW YORK	U004076172	229 WEST 74TH ST CORP	2121 BROADWAY	10023	NY AST

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NEW YORK	1009240550	CONSOLIDATED EDISON	MH27313 BROADWAY & E 52ND ST	10001	NY MANIFEST
NEW YORK	1009239495	CONSOLIDATED EDISON	MH27335 BROADWAY & 54TH ST	10019	NY MANIFEST
NEW YORK	1009240485	CONSOLIDATED EDISON	M27335 BROADWAY & 54TH ST	10020	NY MANIFEST
NEW YORK	1007208304	CONSOLIDATED EDISON	MH27325 BROADWAY & W 53RD ST		RCRA NonGen / NLR, NY MANIFEST
NEW YORK	S102560316	CANAL STREET	CANAL ST		NY Spills
NEW YORK	S110307053	216143; CEDAR AVENUE AND W 182 STR	CEDAR AVE & W 182ND ST		NY Spills
NEW YORK	U004077192	75 CENTRAL PARK WEST CORP	75 CENTRAL PARK W	10023	NY AST
NEW YORK	S110772034	425 CENTRAL PARK WEST	425 CENTRAL PARK W	10023	NY TANKS
NEW YORK	1012186410	NYCT - SUBSTATION WEST 73RD STREET	NW COR AMSTERDAM & 73RD ST	10023	RCRA-SQG
NEW YORK	1012109618	NYCT - SUBSTATION WEST 73RD STREET	NW COR AMSTERDAM & 73RD ST	10023	FINDS
NEW YORK	S112210311	CON EDISON	SW COR 34TH ST W & 10TH AVE	10001	NY MANIFEST
NEW YORK	S112210635	CON EDISON	SE COR 43RD ST W & 10TH AVE	10036	NY MANIFEST
NEW YORK	S112210700	CON EDISON	SW COR 41ST ST W & 11TH AVE	10036	NY MANIFEST
NEW YORK	S112818100	CON EDISON	NW COR 26TH ST W & 11TH AVE	10001	NY MANIFEST
NEW YORK	S112817681	CON EDISON	SE COR 59TH W & 10TH AVE	10023	NY MANIFEST
NEW YORK	1012185267	CON EDISON	NE COR 40TH ST W & 11TH AVE	10018	RCRA-CESQG
NEW YORK	2010933057	56 CROSBY STREET AND 512 BOARDWAY	56 CROSBY STREET CROSBY ST		ERNS
NEW YORK	1009238212	CONSOLIDATED EDISON	AE D N & O E 11TH ST		NY MANIFEST
NEW YORK	1007207221	CONSOLIDATED EDISON	MH68025 DAHILL & 53RD ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009238698	CONSOLIDATED EDISON	MH68029 DAHILL & 50TH ST	10001	NY MANIFEST
NEW YORK	1009238662	CONSOLIDATED EDISON	V6275 E 10TH ST & S ZOLD PL		NY MANIFEST
NEW YORK	1009239032	CONSOLIDATED EDISON	V6057 E 54TH ST & 2ND AVE	10001	NY MANIFEST
NEW YORK	1009241123	CONSOLIDATED EDISON	MH38725 E 54TH ST & LEXINGTON		NY MANIFEST
NEW YORK	1009239370	CONSOLIDATED EDISON	MH33864 E 50TH ST & 5TH AVE	10001	NY MANIFEST
NEW YORK	1009241398	CONSOLIDATED EDISON	MH38715 E 53RD ST & LEXINGTON		NY MANIFEST
NEW YORK	1009241416	CONSOLIDATED EDISON	MH59186 E 11TH ST & BROADWAY		NY MANIFEST
NEW YORK	1009241040	CONSOLIDATED EDISON	US192 E 53RD ST & 2ND AVE		NY MANIFEST
NEW YORK	1007207569	CONSOLIDATED EDISON	MH33890 E 54TH ST & 5TH AVE	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207733	CONSOLIDATED EDISON	MH33878 E 52ND ST & 5TH AVE	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207779	CONSOLIDATED EDISON	MH33882 E 53RD ST & 5TH AVE	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007208595	CONSOLIDATED EDISON	US789 E 53RD ST & 2ND AVE		RCRA NonGen / NLR, NY MANIFEST
NEW YORK	S106582457	472 ELLISON DRIVE	472 ELLISON DR		NJ SHWS, NJ VCP
NEW YORK	1014926596	CON EDISON MANHOLE 43368	ELY SE COR 53RD ST W & 10TH	10019	RCRA NonGen / NLR
NEW YORK	U004077055	300 WEST END AVE ASSOCIATES CORP	300 WEST END AVE	10023	NY AST
NEW YORK	U004078149	905 WEST END AVENUE ASSOCIATES, LL	905 WEST END AVE	10023	NY AST
NEW YORK	1009240646	CONSOLIDATED EDISON	EXCAV W 10TH ST & AVE A	10020	NY MANIFEST
NEW YORK	1009240409	CONSOLIDATED EDISON	EXCAV 27TH ST & 11TH AVE	10020	NY MANIFEST
NEW YORK	1007207599	CONSOLIDATED EDISON - FEEDER 54	EXCAV W 27TH ST & 11TH AVE	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009241638	CONSOLIDATED EDISON	EXCV 10TH AVE & 20TH ST		NY MANIFEST
NEW YORK	1009242437	CONSOLIDATED EDISON	EXCV W 58TH ST & 10TH AVE		NY MANIFEST
NEW YORK	1009242135	CONSOLIDATED EDISON	EXCV 59TH ST & 11TH AVE		NY MANIFEST
NEW YORK	S110046254	CONSOLIDATED EDISON	EXCV 12TH AVE & O W 50TH ST		NY MANIFEST
NEW YORK	1009241673	CONSOLIDATED EDISON	MH10560 F & O 239 E 54TH ST		NY MANIFEST
NEW YORK	1009240937	CONSOLIDATED EDISON	MH43451 F & O 3961 10TH AVE		NY MANIFEST
NEW YORK	1009244026	CONSOLIDATED EDISON	V1829 F & O 100 W 54TH ST		NY MANIFEST
NEW YORK	1009238428	CONSOLIDATED EDISON	V1501 F & O 747 10TH AVE		NY MANIFEST
NEW YORK	1007207577	CONSOLIDATED EDISON	V7192 F & O 51 W 51ST ST	10001	RCRA NonGen / NLR, NY MANIFEST

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NEW YORK	1007207851	CONSOLIDATED EDISON	MH13014 F & O 1 54TH ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007208027	CONSOLIDATED EDISON	V1183 F & O 40 W 51ST ST	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009240212	CONSOLIDATED EDISON	FDR M54 W 27TH ST & 11TH AVE	10020	NY MANIFEST
NEW YORK	S108933291	CONSOLIDATED EDISON	FDR SERVICE ROAD BTW 6TH AVE E		NY MANIFEST
NEW YORK	S110305872	CONSOLIDATED EDISON	FDR PARK OPP 10TH ST	10001	NY MANIFEST
NEW YORK	S110306288	210815; FLUSHING AVENUE AND ADELPH	FLUSHING AVE & ADELPHI ST		NY Spills
NEW YORK	S110306368	212325; GERARD AVENUE AND E151 STR	GERARD AVE & E151 ST		NY Spills
NEW YORK	S110306966	215632; GOLD STREET AND MYRTLE AVE	GOLD ST & MYRTLE AVE		NY Spills
NEW YORK	1009237611	CONSOLIDATED EDISON	MH36015 GREENWICH & W 10TH ST		NY MANIFEST
NEW YORK	S110306641	214087; HARDING STREET AND AVENUE	HARDING ST & AVE Z		NY Spills
NEW YORK	1009239335	CONSOLIDATED EDISON	W HOYH ST & 50TH AVE	10019	NY MANIFEST
NEW YORK	S106126819	ON STREET	INTERSECTION OF 97TH ST		NY Spills
NEW YORK	2010928554	INTERSECTION OF STATION ROAD AND 1	INTERSECTION OF STATION ROAD A		ERNS
NEW YORK	1014957429	CON EDISON - MANHOLE 407	ISHAM ST & 10TH AVE	10001	RCRA NonGen / NLR
NEW YORK	1009238809	CONSOLIDATED EDISON	V4353 KENT AVE & N 10TH ST	10001	NY MANIFEST
NEW YORK	S110306893	215120; LAWRENCE STREET AND MYRTLE	LAWRENCE ST & MYRTLE AVE		NY Spills
NEW YORK	S106583713	57 LOCKATONG ROAD	57 LOCKATONG RD		NJ SHWS, NJ VCP
NEW YORK	1009239662	CONSOLIDATED EDISON	MH50325 MADISON & W 54TH ST	10020	NY MANIFEST
NEW YORK	S109581683	LEXIGTON AND 56TH STREET	MAIN RD		NY Spills
NEW YORK	1009237838	CONSOLIDATED EDISON	W MH33816 & 11TH AVE		NY MANIFEST
NEW YORK	1009240319	CONSOLIDATED EDISON	MH44685W 50TH ST & 7TH AVE	10020	NY MANIFEST
NEW YORK	1009239407	CONSOLIDATED EDISON	W MH62574 & 10TH	10020	NY MANIFEST
NEW YORK	S112210344	CON EDISON	NEC W 40TH ST & 10TH AVE	10018	NY MANIFEST
NEW YORK	S112210855	CON EDISON	NEC BROADWAY & W 50TH ST	10036	NY MANIFEST
NEW YORK	S112210934	CON EDISON	NEC W 54TH & 9TH AVE	10019	NY MANIFEST
NEW YORK	S112210963	CON EDISON	NEC BROADWAY & 54TH ST	10019	NY MANIFEST
NEW YORK	S112210991	CON EDISON	NEC 55TH & 5TH AVE	10019	NY MANIFEST
NEW YORK	1009242102	CONSOLIDATED EDISON	43221 NEC 10TH AVE		NY MANIFEST
NEW YORK	S109825825	CONSOLIDATED EDISON	NEC E 10TH ST AVE		NY MANIFEST
NEW YORK	1009238515	CONSOLIDATED EDISON	MH10820 NEW HWY & MAIN ST	10001	NY MANIFEST
NEW YORK	1009236720	CONSOLIDATED EDISON	NNE 52ND AVE & STIFFORD AVE		NY MANIFEST
NEW YORK	S112210377	CON EDISON	NWC W 40TH ST & 10TH AVE	10018	NY MANIFEST
NEW YORK	S112210827	CON EDISON	NWC W 50TH ST & 8TH AVE	10036	NY MANIFEST
NEW YORK	1009240514	CONSOLIDATED EDISON	MH53252 NWC 52ND ST & 1ST AVE	10001	NY MANIFEST
NEW YORK	1007207771	CONSOLIDATED EDISON	MH33869 NWC W 51ST ST & 5TH A	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207807	CONSOLIDATED EDISON	MH27296 NWC 50TH ST & BRDWY	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	S107693865	NEW YORK CONDITIONALLY EXEMPT SMAL	OUT OF STATE		PA MANIFEST
NEW YORK	1009236489	CONSOLIDATED EDISON	POLE T4 FOSTER & E 53RD ST	10001	NY MANIFEST
NEW YORK	2011970827	NORTH RIVER WATER POLLUTION CONTRO	N RIV 135TH ST		ERNS
NEW YORK	S102144290	RUST STREET & 56TH STREET	RUST ST & 56TH ST		NY Spills
NEW YORK	S112210826	CON EDISON	SEC W 50TH ST & 8TH AVE	10036	NY MANIFEST
NEW YORK	S112210872	CON EDISON	SEC W 53RD ST & 7TH AVE	10019	NY MANIFEST
NEW YORK	S112210989	CON EDISON	SEC 55TH & 5TH AVE	10019	NY MANIFEST
NEW YORK	1009240506	CONSOLIDATED EDISON	MH83152 SEC 10TH AVE & W 28TH	10001	NY MANIFEST
NEW YORK	1014398277	CON EDISON	SEC W 45TH ST & 11TH AVE	10036	RCRA NonGen / NLR
NEW YORK	1007207783	CONSOLIDATED EDISON	MH39994 SEC 55TH ST & 9TH AVE	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207789	CONSOLIDATED EDISON	MH43239 SEC 10TH AVE & W 39TH	10001	RCRA NonGen / NLR, NY MANIFEST

Count: 471 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW YORK	1007207808	CONSOLIDATED EDISON	MH43168 SEC W 30TH ST & 10TH	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009239463	CONSOLIDATED EDISON	MH43452 SHERMAN & 10TH AVE	10020	NY MANIFEST
NEW YORK	1010325537	CON EDISON - RECTIFIER 6016	WEST SIDE OF 11TH AVE	10019	RCRA NonGen / NLR
NEW YORK	1009242789	CONSOLIDATED EDISON	SKILLMAN AVE BTW 53RD & 54TH		NY MANIFEST
NEW YORK	S110306957	215566; SOUTHERN BLVD AND 172 STRE	SOUTHERN BLVD & 172ND ST		NY Spills
NEW YORK	2005706912	325 SPRING STREET (USP MANHATT	325 SPG STREET USP MANHATT		HMIRS
NEW YORK	S102144597	600 WEST DRIVE / QUEENS	600 WEST ST	10036	NY Spills
NEW YORK	S110306881	215046; E138 STREET AND LOCUST AVE	E138 ST & LOCUST AVE		NY Spills
NEW YORK	S107409055	SOUTHFERRY TERM. CONSTUCT	STATE ST		NY Spills
NEW YORK	S112258046	NYCDOS WEST 59TH STREET MTS	W STREET & WESTSIDE HWY	10023	NY SWF/LF
NEW YORK	S112227898	PIER 15, PIER 16, PIER 17 SOUTH ST	S STREET SEA PRT		NY Spills
NEW YORK	S105912830	NYC DOS WEST 30TH STREET RECYCLING	W STREET & WEST SIDE HWY	10001	NY SWF/LF
NEW YORK	1009239741	CONSOLIDATED EDISON	V6275 SZOLD & E 10TH ST	10020	NY MANIFEST
NEW YORK	S110306391	212463; WEST TREMONT AVENUE & PHEL	W TREMONT AVE & PHELAN PL		NY Spills
NEW YORK	S107408508	STREET SPILL	TRIBOUROUGH BRG		NY Spills
NEW YORK	1011979520	EAST 34TH STREET	UNKNOWN		FINDS
NEW YORK	1011976244	WEST 30TH ST.	UNKNOWN		FINDS
NEW YORK	1007112712	NYCDOT BIN 2245010	VIA 11TH AVENUE SECTION BETW W	10001	RCRA-LQG
NEW YORK	S112210383	CON EDISON	SS W 34TH ST & 11TH AVE	10018	NY MANIFEST
NEW YORK	S112210384	CON EDISON	NS W 34TH ST & 11TH AVE	10018	NY MANIFEST
NEW YORK	1007206900	CONSOLIDATED EDISON	MH60578 W 201ST ST & 10TH AVE		RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1009242714	CONSOLIDATED EDISON	MH43462 W 213TH ST & 10TH AVE		NY MANIFEST
NEW YORK	1009240877	CONSOLIDATED EDISON	MH93229 W 38TH ST & 10TH AVE		NY MANIFEST
NEW YORK	1009238082	CONSOLIDATED EDISON	MH362 W 217TH ST & 10TH AVE		NY MANIFEST
NEW YORK	1009240023	CONSOLIDATED EDISON	MH33083 W 26TH ST & 11TH AVE	10001	NY MANIFEST
NEW YORK	1009241452	CONSOLIDATED EDISON	V4284 W 54TH ST W & O 6TH AVE		NY MANIFEST
NEW YORK	1009241264	CONSOLIDATED EDISON	H61725 W 53RD ST & 11TH AVE		NY MANIFEST
NEW YORK	1009240493	CONSOLIDATED EDISON	V6016 W 56TH ST & 11TH AVE	10020	NY MANIFEST
NEW YORK	1007207564	CONSOLIDATED EDISON	MH44718 W 54TH ST & 7TH AVE	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207671	CONSOLIDATED EDISON	MH43054 W 17TH ST & 10TH AVE	10020	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1007207957	CONSOLIDATED EDISON	V8289 W 206TH ST & 10TH AVE	10001	RCRA NonGen / NLR, NY MANIFEST
NEW YORK	1015746760	CON EDISON MANHOLE 9875	3 3 W 51ST ST	10019	RCRA NonGen / NLR
NEW YORK	S110306007	CONSOLIDATED EDISON MH402	MH402 W 202ND ST & 10TH AVE		NY MANIFEST
NEW YORK	A100307817	449 W46TH STREET	449 W46TH ST	10036	NY AST
NEW YORK	S110307047	216108; WATER STREET AND NEW DOCK	WATER ST & NEW DOCK ST		NY Spills
NEW YORK	S110307012	215931; WATER STREET AND NEW DOCK	WATER ST & NEW DOCK ST		NY Spills
NEW YORK	S107784687	34-36 WEST 46TH STREET	34 WESST 46TH ST	10036	NY HIST AST
NEW YORK	1000239983	MANHATTAN WEST PROJECT - BRODSKY O	WESTEND AVE	10019	RCRA NonGen / NLR, FINDS
NEW YORK	2010946009	138 WOSSTER STREET	138 WOSSTER ST		ERNS
NEW YORK CITY	1007253122	W 116TH STREET AND LENOX AVENUE	W 116TH STREET AND LENOX AVE	10036	FINDS
NEW YORK CITY	U004077770	108 WEST 25 STREET CONDOMINIUM ASS	108110 W 25TH ST	10001	NY AST
NEW YORK COUNTY	S112139112	8 WEST 13TH STREET TENANTS CORP. C	37 WEST 12TH STREET		NY LIENS
NEW YORK COUNTY	S112139490	NYNEX	RT 303 & S. GREENBUSH RD		NY MANIFEST
NEW YORK COUNTY	S112141137	NYCHA - RED HOOK WEST HOUSES	87 LORRAINE AVE		NY MANIFEST
NY	U004077386	511 WEST 25TH STREET	511 W 25TH ST	10001	NY AST
NY	U004076969	145 WEST 28TH STREET	145 W 28TH ST	10001	NY AST
NYC	U004122087	44 WEST 28 PENN PLAZA PROPERTIES L	44 W 28TH ST	10001	NY AST

Count: 471 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PARAMUS	S108065423	THE CONTAINER STORE	350 RTE 17 N / 15 POWERS DR	10019	NJ VCP
PARAMUS	S106590250	PARAMUS CAR WASH,TWIN OAKS DINER &	350 RTE 17 N / POWERS DR	10019	NJ VCP
SOUTH BRUNSWICK	S106763378	S BRUNSWICK SQUARE SHOPPING CENTER	4095 RTE 1	10019	NJ VCP
YONKERS	96481075	FERNBROOK ST WEST OF LUDLOW STREET	FERNBROOK ST OF LUDLOW ST W	10023	ERNS
YONKERS	96482261	FERNBROOK ST WEST OF LUDLOW STREET	FERNBROOK ST OF LUDLOW ST W	10023	ERNS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 12

Source: EPA
Telephone: N/A
Last EDR Contact: 05/09/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 12

Source: EPA
Telephone: N/A
Last EDR Contact: 05/09/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 12

Source: EPA
Telephone: N/A
Last EDR Contact: 05/09/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/04/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 12

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 10/09/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/10/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 12

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2013
Next Scheduled EDR Contact: 05/09/2013
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/14/2013
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/10/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/14/2013
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/10/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/20/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/17/2013
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 29

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

NY SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 03/21/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Annually

NJ SHWS: Known Contaminated Sites in New Jersey

The Known Contaminated Sites in New Jersey includes sites under the purview of the Site Remediation Program which have contamination present at levels greater than the applicable cleanup criteria for soil and/or groundwater standards. The sites appearing in Known Contaminated Sites in New Jersey are classified as either active, where the site is assigned to a specific remedial program area, or pending, where the site is awaiting assignment to a specific remedial program area. Sites where no further action (NFA) designation has been given are not included in this report unless there are other areas of identified contamination which have not been remediated. This report includes sites being remediated under all of the various regulatory programs administered by the Site Remediation Program such as: Federal Superfund Program, Federal Resource Conservation and Recovery Act (RCRA), New Jersey's Industrial Site Recovery Act (ISRA), New Jersey's Underground Storage of Hazardous Substances Act, New Jersey's Spill Compensation and Control Act, New Jersey's Solid Waste Management Act, New Jersey's Water Pollution Control Act.

Date of Government Version: 04/17/2012
Date Data Arrived at EDR: 05/31/2012
Date Made Active in Reports: 06/27/2012
Number of Days to Update: 27

Source: New Jersey Department of Environmental Protection
Telephone: 609-292-8761
Last EDR Contact: 05/31/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Varies

NY VAPOR REOPENED: Vapor Intrustion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2013
Date Data Arrived at EDR: 02/20/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 23

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 05/24/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/07/2013
Date Data Arrived at EDR: 01/09/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Semi-Annually

NJ SWF/LF: Solid Waste Facility Directory

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/12/2012
Date Data Arrived at EDR: 02/07/2013
Date Made Active in Reports: 04/03/2013
Number of Days to Update: 55

Source: Department of Environmental Protection
Telephone: 609-984-6741
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

NY LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 04/05/2013
Date Data Arrived at EDR: 04/05/2013
Date Made Active in Reports: 05/08/2013
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

NY HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 162

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/01/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

NY TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

NY UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: No Update Planned

NJ UST: Underground Storage Tank Data
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/17/2012
Date Data Arrived at EDR: 12/26/2012
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 47

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Varies

NY CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

NY MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

NY AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: No Update Planned

NY CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

NY MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

NY MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

NY CBS: Chemical Bulk Storage Site Listing
These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/21/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 45

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 156

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/18/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 03/21/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Quarterly

NJ ENG CONTROLS: Declaration Environmental Restriction/Deed Notice Sites

Legal Document that restricts the use of contaminated property; holds owner(s) to the regulatory/statutory requirements for cleanup.

Date of Government Version: 03/06/2013
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 04/26/2013
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Varies

NY INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 03/21/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Quarterly

NJ INST CONTROL: Classification Exception Area Sites

A Classification Exception Area is an institutional control providing notice that ground water contamination exists in a particular location above State standards.

Date of Government Version: 03/06/2013
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 04/26/2013
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Varies

NY RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/11/2011
Number of Days to Update: 50

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/28/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 03/21/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Semi-Annually

NJ VCP: Voluntary Cleanup Program Sites

Through the VCP, responsible parties, developers, local officials, or individuals may work with the department to remediate non-priority contaminated sites that pose no immediate threat to human health or the environment.

Date of Government Version: 10/18/2010
Date Data Arrived at EDR: 11/22/2010
Date Made Active in Reports: 01/07/2011
Number of Days to Update: 46

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

NY ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 03/21/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 43
Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Quarterly

NY BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 03/21/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 43
Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Semi-Annually

NJ BROWNFIELDS: Brownfields Database
Brownfields are identified as former or current commercial or industrial use sites that are presently vacant or underutilized, on which there is suspected to have been a discharge of a contamination to the soil or groundwater at concentrations greater than applicable cleanup criteria.

Date of Government Version: 12/03/2012
Date Data Arrived at EDR: 02/27/2013
Date Made Active in Reports: 04/05/2013
Number of Days to Update: 37
Source: Department of Environmental Protection
Telephone: 609-292-1251
Last EDR Contact: 06/14/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: No Update Planned

NY SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 01/07/2013
Date Data Arrived at EDR: 01/09/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Semi-Annually

NY SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 04/26/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Annually

NJ SWRCY: Approved Class B Recycling Facilities
"Class B recyclable material" means a source separated recyclable material which is subject to Department approval prior to receipt, storage, processing or transfer at a recycling center in accordance with N.J.S.A. 13:1E-99.34b.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/07/2012
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 609-984-6650
Last EDR Contact: 05/08/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 59

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/03/2013
Next Scheduled EDR Contact: 09/16/2013
Data Release Frequency: Quarterly

NY DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 03/21/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

NY HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

NY HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

NY LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 02/22/2013
Date Data Arrived at EDR: 02/27/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 16

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 05/13/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Varies

NJ LIENS: Environmental LIENS

A listing of properties with environmental liens. The listing includes sites from the Site Remediation & Waste Management Program Sites where the Department has placed either a 1st Priority or Regular Spill Fund Lien against. 1st Priority Type Lien - a lien placed against the property where the discharged occurred providing that the owners of the property have some responsibility towards the discharge. First Priority Lien is superior to other types of liens. Non-Priority (Regular) Type Lien - a lien placed against the Responsible Party & their revenues and all real and personal property, other than the real property comprising the location of the discharge.

Date of Government Version: 01/09/2013
Date Data Arrived at EDR: 03/28/2013
Date Made Active in Reports: 04/26/2013
Number of Days to Update: 29

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 05/20/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

NY SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 04/05/2013
Date Data Arrived at EDR: 04/05/2013
Date Made Active in Reports: 05/08/2013
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

NY HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NY SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NY SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NJ SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/15/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NJ SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 09/02/1997
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/07/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/10/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/11/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 04/18/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/04/2013
Next Scheduled EDR Contact: 09/16/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/29/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/15/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 01/16/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 114

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/10/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/09/2013
Date Data Arrived at EDR: 04/11/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 29

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/11/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 06/13/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/30/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Biennially

NY HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41
Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 03/11/2013
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 51
Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 06/11/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Quarterly

NJ UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/09/2009
Date Data Arrived at EDR: 02/25/2009
Date Made Active in Reports: 03/11/2009
Number of Days to Update: 14
Source: Department of Environmental Protection
Telephone: 609-292-0407
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 02/07/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/09/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Annually

NY DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 04/19/2013
Date Data Arrived at EDR: 04/19/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 06/14/2013
Next Scheduled EDR Contact: 09/30/2013
Data Release Frequency: Varies

NJ DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 02/26/2013
Date Data Arrived at EDR: 02/27/2013
Date Made Active in Reports: 04/03/2013
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 609-292-2795
Last EDR Contact: 05/13/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Varies

NY SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 01/28/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: No Update Planned

NJPDES: New Jersey Pollutant Discharge Elimination System Dischargers

The NJPDES contains the names, addresses and other information of all permitted New Jersey Pollutant Discharge Elimination Sytem dischargers.

Date of Government Version: 02/19/2013
Date Data Arrived at EDR: 02/20/2013
Date Made Active in Reports: 04/04/2013
Number of Days to Update: 43

Source: Department of Environmental Protection
Telephone: 609-984-4428
Last EDR Contact: 05/22/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

NY AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 62

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Annually

NY E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 03/20/2013
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 35

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/21/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Varies

NY Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Varies

NY Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 04/11/2013
Date Data Arrived at EDR: 04/11/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

NY COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 01/08/2013
Date Data Arrived at EDR: 01/09/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/15/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/20/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: N/A

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/17/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Varies

NJ COAL ASH: Coal Ash Listing

Coal combustion survey ash listing.

Date of Government Version: 05/10/2010
Date Data Arrived at EDR: 05/12/2010
Date Made Active in Reports: 06/28/2010
Number of Days to Update: 47

Source: Department of Environmental Protection
Telephone: 609-984-6985
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/14/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Varies

NJ Financial Assurance: Financial Assurance Information Listing
Financial Assurance information.

Date of Government Version: 03/05/2013
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 04/26/2013
Number of Days to Update: 28
Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/18/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 69
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/04/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 03/12/2013
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 51

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 03/12/2013
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 51

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Quarterly

NASSAU COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 04/08/2013
Date Data Arrived at EDR: 04/10/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 30

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/10/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 04/08/2013
Date Data Arrived at EDR: 04/10/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 30

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/10/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Annually

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 02/20/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 22

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 02/20/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 22

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/20/2013
Date Data Arrived at EDR: 05/21/2013
Date Made Active in Reports: 06/27/2013
Number of Days to Update: 37

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/21/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/23/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 02/15/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/21/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/14/2013
Next Scheduled EDR Contact: 09/30/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

525 WEST 52ND STREET
525 WEST 52ND STREET
NEW YORK, NY 10019

TARGET PROPERTY COORDINATES

Latitude (North):	40.7668 - 40° 46' 0.48''
Longitude (West):	73.992 - 73° 59' 31.20''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585075.4
UTM Y (Meters):	4513147.5
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-G8 CENTRAL PARK, NY NJ
Most Recent Revision:	1995
West Map:	40074-G1 WEEHAWKEN, NJ NY
Most Recent Revision:	1995

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

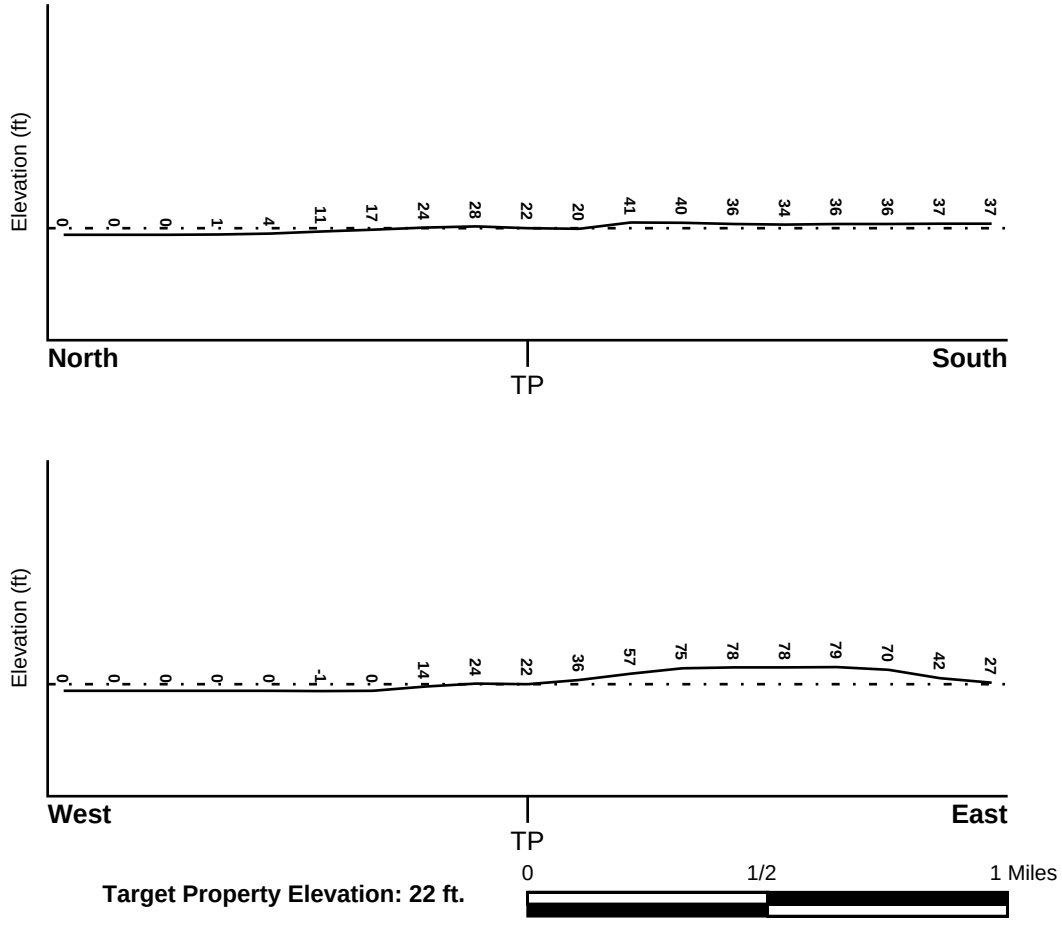
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 22 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
NEW YORK, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	3604970031B - FEMA Q3 Flood data
Additional Panels in search area:	3604970030B - FEMA Q3 Flood data 3604970038B - FEMA Q3 Flood data 3604970039B - FEMA Q3 Flood data 34017C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
CENTRAL PARK	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1 - 2 Miles SSW
Site Name:	MANHATTAN GENERAL MAIL FACILITY
Site EPA ID Number:	NY6180000352
Groundwater Flow Direction:	NOT AVAILABLE.
Inferred Depth to Water:	not available. Saturated layers impacted by salt water intrusion are present in the overburden. It is generally inferred that the depth to the uppermost 'aquifer' is greater than 70 feet at the surface of the bedrock/sediment interface.
Hydraulic Connection:	Detailed hydraulic connection information is not available. Glacial till and outwash deposit sediments overlie the Manhattan Schist, the uppermost bedrock unit at the site. The surface elevation of bedrock decreases to the southwest of the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT **GEOLOGIC AGE IDENTIFICATION**

Era:	Paleozoic	Category:	Stratified Sequence
System:	Ordovicias		
Series:	Lower Ordovician and Cambrian carbonate rocks		
Code:	OC *(decoded above as Era, System & Series)*		

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

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Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000832118	1/8 - 1/4 Mile ENE
2	USGS40000832014	1/8 - 1/4 Mile South
A3	USGS40000832026	1/4 - 1/2 Mile SW
A4	USGS40000832025	1/4 - 1/2 Mile SW
5	USGS40000832052	1/4 - 1/2 Mile WSW
6	USGS40000832210	1/4 - 1/2 Mile NE
8	USGS40000831957	1/4 - 1/2 Mile SW
9	USGS40000832260	1/2 - 1 Mile NE
10	USGS40000831703	1/2 - 1 Mile SSW
11	USGS40000832441	1/2 - 1 Mile North
12	USGS40000832268	1/2 - 1 Mile ENE
13	USGS40000832136	1/2 - 1 Mile East
14	USGS40000831625	1/2 - 1 Mile SSW
15	USGS40000831947	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
7	NY0002714	1/4 - 1/2 Mile WSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

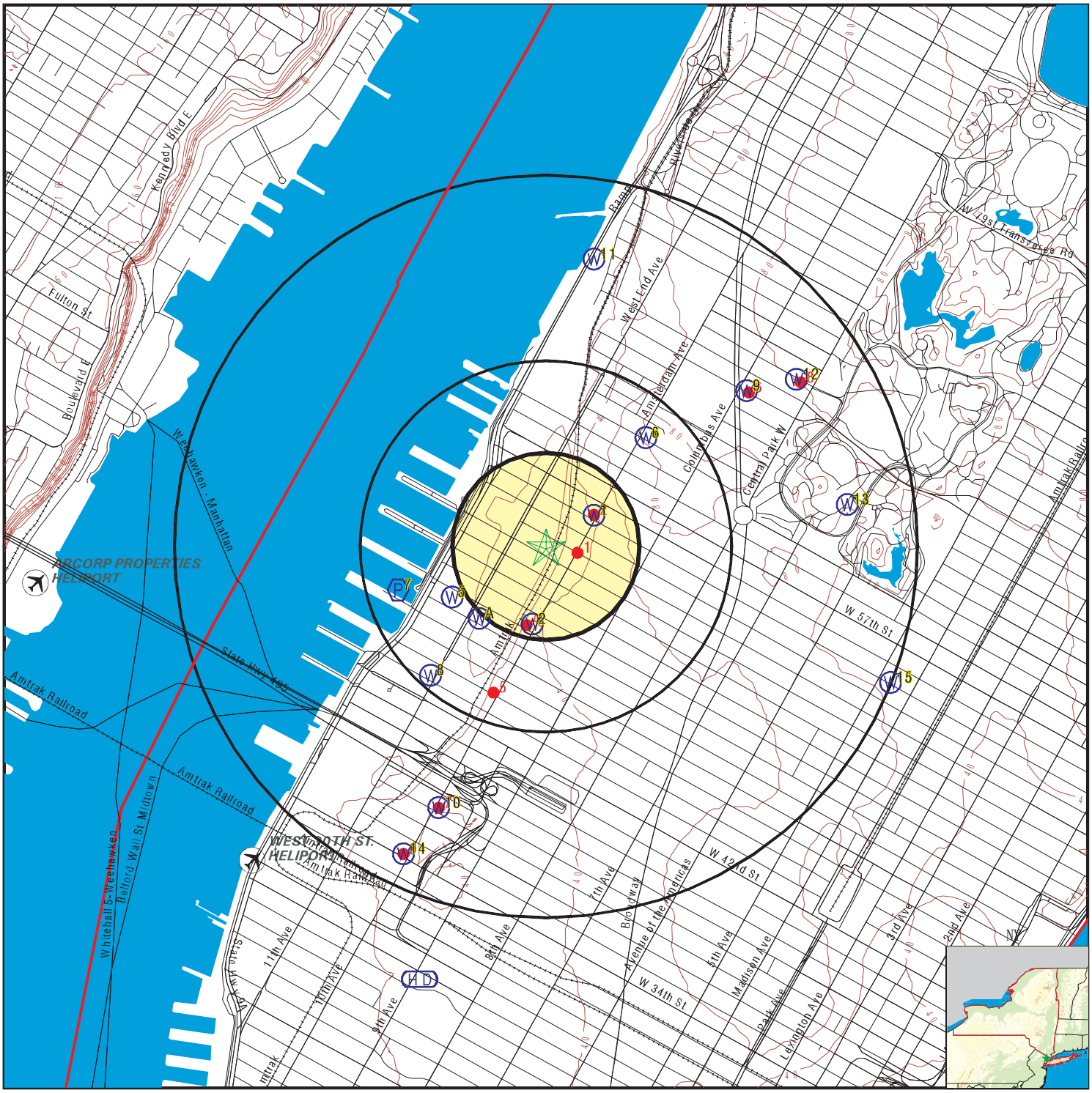
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NYOG70000000166	0 - 1/8 Mile ESE
2	NYOG70000000170	1/8 - 1/4 Mile ENE
A3	NYOG70000000163	1/8 - 1/4 Mile SSW
A4	NYOG70000000162	1/8 - 1/4 Mile SSW
5	NYOG70000000160	1/4 - 1/2 Mile SSW
6	NYOG70000000174	1/2 - 1 Mile NE
7	NYOG70000000157	1/2 - 1 Mile SSW
8	NYOG70000000175	1/2 - 1 Mile ENE
9	NYOG70000000156	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 3650632.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	525 West 52nd Street	CLIENT:	Langan Engineering
ADDRESS:	525 West 52nd Street New York NY 10019	CONTACT:	Christine Madsen
		INQUIRY #:	3650632.2s
LAT/LONG:	40.7668 / 73.992	DATE:	June 28, 2013 10:23 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
ENE **FED USGS** **USGS40000832118**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404604073592301		
Monloc name:	NY 221		
Monloc type:	Well		
Monloc desc:	WEST 55 ST-A		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7680181
Longitude:	-73.989528	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Transit, theodolite, or other surveying method		
Horiz coord refsys:	NAD83	Vert measure val:	39.41
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	650.7
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
South **FED USGS** **USGS40000832014**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404549073593501		
Monloc name:	NY 246. 1		
Monloc type:	Well		
Monloc desc:	W48ST-W		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7637681
Longitude:	-73.9926947	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Transit, theodolite, or other surveying method		
Horiz coord refsys:	NAD83	Vert measure val:	41.32
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	31.5
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A3
SW **FED USGS** **USGS40000832026**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404550073594502		
Monloc name:	NY 76		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7639903
Longitude:	-73.995417	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	125
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A4
SW **FED USGS** **USGS40000832025**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404550073594501		
Monloc name:	NY 75		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7639903
Longitude:	-73.995417	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	175
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

5
WSW **FED USGS** **USGS40000832052**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404553073595001		
Monloc name:	NY 156		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7648237
Longitude:	-73.996806	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	132
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

6
NE **FED USGS** **USGS40000832210**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404615073591401		
Monloc name:	NY 243. 1		
Monloc type:	Well		
Monloc desc:	W60ST-W		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7710458
Longitude:	-73.9868612	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Transit, theodolite, or other surveying method		
Horiz coord refsys:	NAD83	Vert measure val:	82.01
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	30.6
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
WSW **FRDS PWS** **NY0002714**
1/4 - 1/2 Mile
Lower

PWS ID:	NY0002714		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	CAMP COMANCHE LIBERTY, NY 12754		
Addressee / Facility:	System Owner/Responsible Party BURNS DAVID C/O DAVID BURNS 424 WEST 51 STREET NEW YORK, NY 10019		
Addressee / Facility:	System Owner/Responsible Party BURNS DAVID C/O DAVID BURNS 424 WEST 51 STREET NEW YORK, NY 10019		
Facility Latitude:	40 45 54	Facility Longitude:	074 00 00
City Served:	LIBERTY (T)		
Treatment Class	Not Reported	Population:	Not Reported

Violations information not reported.

8
SW **FED USGS** **USGS40000831957**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404542073595401		
Monloc name:	NY 103		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7617681
Longitude:	-73.9979171	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	148
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

9
NE **FED USGS** **USGS40000832260**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404622073585501		
Monloc name:	NY 225		
Monloc type:	Well		
Monloc desc:	WEST 65 ST-A		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7728791
Longitude:	-73.9816944	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Transit, theodolite, or other surveying method		
Horiz coord refsys:	NAD83	Vert measure val:	79.33
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	585
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-11-10		46.15	2004-02-18		57.83

10
SSW **FED USGS** **USGS40000831703**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404523073595241		
Monloc name:	NY 220		
Monloc type:	Well		
Monloc desc:	WEST 37 ST-A		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7566016
Longitude:	-73.9975005	Sourcemap scale:	24000

Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Transit, theodolite, or other surveying method		
Horiz coord refsys:	NAD83	Vert measure val:	41.32
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	651.4
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

11
North **FED USGS** **USGS40000832441**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404640073592301		
Monloc name:	NY 170		
Monloc type:	Well		
Monloc desc:	55TH ST AND 10TH AVE		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7780179
Longitude:	-73.9895279	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Unknown		
Horiz coord refsys:	NAD83	Vert measure val:	39.41
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	650.7
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

12
ENE **FED USGS** **USGS40000832268**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404623073584601		
Monloc name:	NY 222		
Monloc type:	Well		
Monloc desc:	WEST 67 ST-A		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7733236
Longitude:	-73.9791388	Sourcemap scale:	24000

Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Transit, theodolite, or other surveying method		
Horiz coord refsys:	NAD83	Vert measure val:	82.95
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	570.8
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 8

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2005-02-16		64.69	2004-07-29		65.07
2004-07-21		64.79	2004-04-21		65.17
2004-04-14		65.49	2004-03-02		65.47
2004-02-18		65.76	2004-01-07		66.19

13
East **FED USGS** **USGS40000832136**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404606073583701		
Monloc name:	NY 252. 1		
Monloc type:	Well		
Monloc desc:	CENTRAL PARK SOUTH WELL SITE 3		
Huc code:	02030101	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7684347
Longitude:	-73.9765276	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	56
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	New England crystalline-rock aquifers		
Formation type:	Basement Complex		
Aquifer type:	Not Reported		
Construction date:	20050628	Welldepth:	72.5
Welldepth units:	ft	Wellholedepth:	72.5
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

14
SSW **FED USGS** **USGS40000831625**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404517073595901		
Monloc name:	NY 219		
Monloc type:	Well		
Monloc desc:	WEST 34 ST-B		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.754796
Longitude:	-73.9993061	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Transit, theodolite, or other surveying method		
Horiz coord refsys:	NAD83	Vert measure val:	40.27
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	625.7
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

15
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000831947**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404541073582901		
Monloc name:	NY 157		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7614904
Longitude:	-73.9743053	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
ESE **OIL_GAS** **NYOG70000000166**
0 - 1/8 Mile

Api wellno:	31061237460000	Cnty:	New York
Hole:	23746	Sidetrck:	0
Completion:	0		
Well nm:	W53 St - A		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	01/29/2007	Dt spud:	01/28/1997
Dt comp:	02/18/1997	Well typ:	Stratigraphic
Dtd:	534		
Wl status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Not Applicable
Xloc:	-73.99038		
Yloc:	40.76655		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Not Reported	Quadsec:	Not Reported
Deepestfor:	Not Applicable	Elevation:	Not Reported
Dt mod:	01/24/2007	Site id:	NYOG70000000166

2
ENE **OIL_GAS** **NYOG70000000170**
1/8 - 1/4 Mile

Api wellno:	31061237470000	Cnty:	New York
Hole:	23747	Sidetrck:	0
Completion:	0		
Well nm:	W55 St - A		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	01/29/2007	Dt spud:	11/17/1998
Dt comp:	12/18/1998	Well typ:	Stratigraphic
Dtd:	651		
Wl status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Not Applicable
Xloc:	-73.98953		
Yloc:	40.76803		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Central Park	Quadsec:	G
Deepestfor:	Not Reported	Elevation:	Not Reported
Dt mod:	07/20/2007	Site id:	NYOG70000000170

A3
SSW **OIL_GAS** **NYOG70000000163**
1/8 - 1/4 Mile

Api wellno:	31061237450000	Cnty:	New York
Hole:	23745	Sidetrck:	0
Completion:	0		
Well nm:	W48 St - A		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	01/29/2007	Dt spud:	10/15/1996
Dt comp:	11/15/1996	Well typ:	Stratigraphic
Dtd:	582		
Wl status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Fordham Gneiss
Xloc:	-73.99297		
Yloc:	40.76373		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Central Park	Quadsec:	G
Deepestfor:	Not Applicable	Elevation:	Not Reported
Dt mod:	07/20/2007	Site id:	NYOG70000000163

A4
SSW **OIL_GAS** **NYOG70000000162**
1/8 - 1/4 Mile

Api wellno:	31061237440000	Cnty:	New York
Hole:	23744	Sidetrck:	0
Completion:	0		
Well nm:	W48 St - C		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	01/29/2007	Dt spud:	12/13/1996
Dt comp:	01/27/1997	Well typ:	Stratigraphic
Dtd:	561		
Wl status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Not Applicable
Xloc:	-73.99302		
Yloc:	40.76372		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Central Park	Quadsec:	G
Deepestfor:	Not Applicable	Elevation:	Not Reported
Dt mod:	07/20/2007	Site id:	NYOG70000000162

5
SSW **OIL_GAS** **NYOG70000000160**
1/4 - 1/2 Mile

Api wellno:	31061237430000	Cnty:	New York
Hole:	23743	Sidetrck:	0
Completion:	0		
Well nm:	W44 St - A		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	01/29/2007	Dt spud:	03/25/1997
Dt comp:	04/10/1997	Well typ:	Stratigraphic
Dtd:	564		
Wl status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Fordham Gneiss

Xloc:	-73.99469		
Yloc:	40.76109		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Central Park	Quadsec:	G
Deepestfor:	Not Applicable	Elevation:	Not Reported
Dt mod:	07/20/2007	Site id:	NYOG70000000160

6
NE **OIL_GAS** **NYOG70000000174**
1/2 - 1 Mile

Api wellno:	31061210560000	Cnty:	New York
Hole:	21056	Sidetrck:	0
Completion:	0		
Well nm:	W. 65 St. - A		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	10/08/2003	Dt spud:	10/20/2003
Dt comp:	11/10/2003	Well typ:	Stratigraphic
Dtd:	585		
Wl status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Not Applicable
Xloc:	-73.98158		
Yloc:	40.77281		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Brooklyn	Quadsec:	Not Reported
Deepestfor:	Manhattan Schist	Elevation:	73
Dt mod:	10/26/2005	Site id:	NYOG70000000174

7
SSW **OIL_GAS** **NYOG70000000157**
1/2 - 1 Mile

Api wellno:	31061237420000	Cnty:	New York
Hole:	23742	Sidetrck:	0
Completion:	0		
Well nm:	W37 St - A		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	01/29/2007	Dt spud:	10/15/1998
Dt comp:	11/16/1998	Well typ:	Stratigraphic
Dtd:	651		
Wl status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Manhattan Schist
Xloc:	-73.9975		
Yloc:	40.75659		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Central Park	Quadsec:	G
Deepestfor:	Not Applicable	Elevation:	Not Reported
Dt mod:	07/20/2007	Site id:	NYOG70000000157

Map ID
Direction
Distance

Database EDR ID Number

8
ENE **OIL_GAS** **NYOG70000000175**
1/2 - 1 Mile

Api wellno:	31061210690000	Cnty:	New York
Hole:	21069	Sidetrck:	0
Completion:	0		
Well nm:	W. 67 St. - A		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	10/31/2003	Dt spud:	11/11/2003
Dt comp:	11/26/2003	Well typ:	Stratigraphic
Dtd:	571		
Wl status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Not Applicable
Xloc:	-73.97891		
Yloc:	40.7732		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Brooklyn	Quadsec:	Not Reported
Deepestfor:	Not Applicable	Elevation:	84
Dt mod:	10/26/2005	Site id:	NYOG70000000175

9
SSW **OIL_GAS** **NYOG70000000156**
1/2 - 1 Mile

Api wellno:	31061237410000	Cnty:	New York
Hole:	23741	Sidetrck:	0
Completion:	0		
Well nm:	W34 St - B		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	01/29/2007	Dt spud:	09/17/1998
Dt comp:	10/13/1998	Well typ:	Confidential
Dtd:	626		
Wl status:	Confidential	Town:	Manhattan
Field:	Confidential	Prodform:	Confidential
Xloc:	-73.99931		
Yloc:	40.75479		
Confid:	We have confidential information for 6 months.		
Wellst:	CON		
Quad:	Central Park	Quadsec:	C
Deepestfor:	Confidential	Elevation:	Not Reported
Dt mod:	07/20/2007	Site id:	NYOG70000000156

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
NEW YORK	NYC (BRONX)	91	1.59	0.85	16
NEW YORK	NYC (KINGS)	416	1.93	1.19	28.2
NEW YORK	NYC (NEW YORK)	108	2.15	0.98	49.5
NEW YORK	NYC (QUEENS)	501	1.24	0.77	23.8
NEW YORK	NYC (RICHMOND)	225	1.44	0.76	14.1

Federal EPA Radon Zone for NEW YORK County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX F

GOVERNMENT CORRESPONDENCE AND RECORDS

FIRE DEPARTMENT

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
TANKS SECTION

Ref No: T- 35481

AMANDA FORSBURG
LANGAN ENGINEER
619 RIVER DRIVE CENTER 1
ELMWOOD PARK, NJ 07407

Dear Customer / Representative,

We have completed a search for address and the requsted information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	$20 - Motor - Existing & Removed		
*Search Address	523 W 52 ST		
*Borough	01 - Manhattan		
*Payment Type	02-Check	*Payment No.	10887
*Data Entered	7/26/2013	*Entered By	CC
Account Number		Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

***Additional Information**

***Status** Completed - Record not found

IMPORTANT NOTICE: THIS REPORT IS NOT VALID IF ALTERED, CORRECTED OR WITHOUT FDNY CERTIFICATION STAMP AND UNIT EMPLOYEE'S SIGNATURE.

Place FDNY Certification Stamp Below

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL DOCUMENT ON FILE WITH FDNY

SIGNATURE

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E- 7/26/2013 CC
C- 7/30/2013 DR

FIRE DEPARTMENT

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
TANKS SECTION

Ref No: T- 35482

AMANDA FORSBURG
LANGAN ENGINEER
619 RIVER DRIVE CENTER 1
ELMWOOD PARK, NJ 07407

Dear Customer / Representative,

We have completed a search for address and the requsted information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	$20 - Motor - Test & Leaks		
*Search Address	523 W 52 ST		
*Borough	01 - Manhattan		
*Payment Type	02-Check	*Payment No.	10887
*Data Entered	7/26/2013	*Entered By	CC
Account Number	01217454C	Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

***Additional Information**

PRINTOUT ATT.

***Status** Completed - Record not found

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ON FILE WITH FDNYEMS
SIGNATURE DR

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E- 7/26/2013 CC
C- 7/30/2013 DR

ACCOUNT NUMBER : 01217454 D.O. : 00 OWNER NAME :

~~~~~~

M O T O R F U E L T A N K I N F O R M A T I O N S C R E E N

~~~~~~

LAST SYSTEM TEST PASSED: _____ INSP ID: _____ NEXT SYSTEM TEST DUE: _____
INSPECTION STATUS: _ (1-PASSED 2-FAILURE 3-OTHERS)
LEAK DETECTION SYSTEM INFO: MANUFACTURER: _____

#TANK ANNULAR SPACE 0 #SUMP PROBE 0 #DISPENSER PAN PROBE 0

#PIPE LEAK DETECTION-MECHANICAL 0 #PIPE LEAK DETECTION-ELECTRICAL 0

~~~~~~

ADDITIONAL INFO:

	#ABOVE GROUND TANK _	#UNDERGROUND TANKS
AUTO TANK DEVICE _	TANK OVERFILL ALARM _	TANK MECHANICAL OVERFILL DEV _
FILL BOX CONTAINMENT _	DOUBLE WALL TANK _	SINGLE WALL TANK _
NON-METALLIC TANK _	STEEL TANK _	NON-METALLIC PIPING _
STEEL PIPING _	FIRE SUPPRESS SYSTEM _	CORROSION PROTECTION _

COMMENTS: _____
LAST-CHG-USER: LAST-CHG-DATE: <<< function code : >>>

~~~~~~

---- NO RECORD EXISTS FOR NUMBER ENTERED---

FIRE DEPARTMENT

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
TANKS SECTION

Ref No: T- 35299

AMANDA FORSBURG
LANGAN ENGINEERING
619 RIVER DRIVE, CENTER 1
ELMWOOD PARK, NJ 07407

Dear Customer / Representative,

We have completed a search for address and the requsted information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	$10 - Fuel - Existing		
*Search Address	523 W 52 ST		
*Borough	01 - Manhattan		
*Payment Type	02-Check	*Payment No.	10814
*Data Entered	7/10/2013	*Entered By	CC
Account Number	01217454C	Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion
01	7,500 Gallons	Fuel	FO-4	

***Additional Information**

CHECKED ALL ADDRESSES. PRINTOUT ATT. PLEASE SUBMIT PROPER PYMT.EACH BOX REQUESTED IS $10.00.THIS ACCT. NO. IS STILL EXISTING AND IS AT 525 W. 52ND ST.

***Status** Completed - Record found

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Thank you,

Public Records Representative

E- 7/10/2013 CC
C- 7/11/2013 DR

Date : 07/11/13 FPIMS Time : 15:38:21

ACCOUNT RELATED DATA INQUIRY - ACCOUNT COVERAGE

Account Number : 01217454 Owner Name : APPLE INDUS CONDO
Date : 11/08/84 See List : 0
Comments : FUEL OIL 7500G #4

Equipment Type	Equipment Sub Code	Number of Items	Floor
202	01	001	-1

FIRE DEPARTMENT

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
VIOLATIONS SECTION

Ref No: V- 122667

AMANDA FORSBURG
LANGAN ENGINEERING
619 RIVER DRIVE
ELMWOOD PARK, NJ 07407
201-794-6900

Dear Customer / Representative,

We have completed a search for address and the requsted information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Title Search No	*None	*Customer / Order No	*None

*Search Address	*Borough	*Search Type
523 W 52 ST	01 - Manhattan	$10 - Existing Violations

*Payment	02-Check	*Payment No.	10814

Listed Record(s)

SEE ATTACHED...8 NOV

***Status** Search Completed - Record Found (see above)

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I CERTIFY THAT THIS IS A TRUE COPY OF
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REGULARLY COURSE OF BUSINESS

RECORD MANAGER
BUREAU OF FIRE PREVENTION

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E-7 /11/2013 CC

FDNY Building Information Profile

07/11/13 09:32:07

Bin: 1027048

Total AKA Found: 2

BLOCK	LOT	BIN	LHND	HHND	STREET NAME	BOROUGH
01081	1001	1027048	523	531	WEST 52 STREET	MANHATTAN
01081	1001	1027048	520	528	WEST 53 STREET	MANHATTAN

Summary

Num Siam Sprinkler	: 02	Sprinkler Type	: Auto wet
Num Siam Standpipe	: 02	Sprinkler Type	: Wet
Last BISP Insp Date	:	Last BISP Insp Status	:
Num of Violation Notices	: 8	Num of Violation Order	: 0
Has BISP Asbestos Abatement	: No		

Accounts

FPREV Permit Accounts

Acct #	Owner Name	Do #	PFX	Last Insp Date	Last Insp Stat
94002193	525 WEST 52ND ST LLC.	03	P	09/07/2011	NOV(FIELD)
25143926	525 WEST 52ND ST. LLC	03	P	09/07/2011	NOV(FIELD)
94002094	525 WEST 52ND ST. LLC	03	P	09/07/2011	NOV(FIELD)
94002250	525 WEST 52ND ST. LLC	03	P	09/07/2011	NOV(FIELD)
25143918	525 WEST 52ND ST.LLC	03	P	09/07/2011	NOV(FIELD)
01217454	APPLE INDUS CONDO	03	C	12/22/2010	NOV(FIELD)
70071774	APPLE INDUS CONDO	94	G	05/10/2012	PASS
70031067	APPLE INDUST CONDO	93	G	01/08/2013	PASS
24057648	APPLE INDUSTRIAL CONDO	34	N	06/19/2007	PASS

NOV

FPREV Violation Notices

Owner Name	NOV Num	Issue Date	Vio LawNum	Vio LawDesc	Vio Disposition	Disp Date
525 WEST 52ND ST LLC	11291251Y	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
525 WEST 52ND ST LLC	11291252X	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
525 WEST 52ND ST LLC	11291253H	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
525 WEST 52ND ST LLC	11291254J	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
525 WEST 52ND ST LLC	11291255L	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
APPLE INDUS CONDO	11210851K	12/22/2010	RULE 19	FAILED TO PROVIDE REQUIR AFFIDAVIT/PLAN	FOUND GUILTY AT A HEARING	02/09/2011
APPLE INDUSTRIAL CONDOMI	11246055Y	05/10/2012	RULE 12	FAIL TO MAINTAIN SPK/STD/ALARM/SUPP SYS	FOUND GUILTY AT A HEARING	06/28/2012
			RULE 17	FAILED TO OBTAIN CERTIFICATE OF FITNESS	FOUND GUILTY AT A HEARING	06/28/2012

FDNY Building Information Profile

07/11/13 09:32:07

Bin: 1027048

NOV

FPREV Violation Notices

Owner Name	NOV Num	Issue Date	Vio LawNum	Vio LawDesc	Vio Disposition	Disp Date
			RULE 27	FAILED TO PROVIDE LIGHTING DEVICES	FOUND GUILTY AT A HEARING	06/28/2012
			RULE 5	FAILED TO PRODUCE PERMIT AND/OR RECORD	FOUND GUILTY AT A HEARING	06/28/2012
			RULE 6	FAILED TO PROVIDE SIGN/POSTING/INSTRUCT	FOUND GUILTY AT A HEARING	06/28/2012
			RULE 7	FAILED TO PROVIDE LABELS/MARKS/STAMPS	FOUND GUILTY AT A HEARING	06/28/2012
WEBUELOPE CORP	17130400J	09/14/1988	RULE 1	FAILED TO PROVIDE BUCKETS/EXTINQUISHERS	CURED AT A HEARING	01/05/1989
			RULE 17	FAILED TO OBTAIN CERTIFICATE OF FITNESS	FOUND GUILTY AT A HEARING	01/05/1989
			RULE 20	FAILED TO CONDUCT REQUIR TEST/INSPECTIO	FOUND GUILTY AT A HEARING	01/05/1989

Vio Orders

No Violation Orders Found.

FIRE DEPARTMENT

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
VIOLATIONS SECTION

Ref No: V- 122855

AMANDA FORSBURG
LANGAN ENGINEER
619 RIVERDIRCE CENTER 1
ELMWOOD PARK, NJ 07407
201-794-6900

Dear Customer / Representative,

We have completed a search for address and the requsted information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Title Search No	*None	*Customer / Order No	*None

*Search Address	*Borough	*Search Type
523 W 52 ST	01 - Manhattan	$10 - Existing Violations

*Payment	02-Check	*Payment No.	10887

Listed Record(s)

SEE ATTACHED...8 NOV

***Status** Search Completed - Record Found (see above)

IMPORTANT NOTICE: THIS REPORT IS NOT VALID IF ALTERED, CORRECTED OR WITHOUT FDNY CERTIFICATION STAMP AND UNIT EMPLOYEE'S SIGNATURE.

Place FDNY Certification Stamp Below
I CERTIFY THAT THIS IS A TRUE COPY OF
ORIGINAL FIRE DEPT RECORD, KEPT IN THE
DAILY COURSE OF BUSINESS
RECORD MANAGER
BUREAU FIRE PREVENTION

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E-7 /29/2013 CC

FDNY Building Information Profile

07/29/13 11:30:42

Bin: 1027048

Total AKA Found: 2

BLOCK	LOT	BIN	LHND	HHND	STREET NAME	BOROUGH
01081	1001	1027048	523	531	WEST 52 STREET	MANHATTAN
01081	1001	1027048	520	528	WEST 53 STREET	MANHATTAN

Summary

Num Siam Sprinkler	: 02	Sprinkler Type	: Auto wet
Num Siam Standpipe	: 02	Sprinkler Type	: Wet
Last BISP Insp Date	:	Last BISP Insp Status	:
Num of Violation Notices	: 8	Num of Violation Order	: 0
Has BISP Asbestos Abatement	: No		

Accounts

FPREV Permit Accounts

Acct #	Owner Name	Do #	PFX	Last Insp Date	Last Insp Stat
94002193	525 WEST 52ND ST LLC.	03	P	09/07/2011	NOV(FIELD)
25143926	525 WEST 52ND ST. LLC	03	P	09/07/2011	NOV(FIELD)
94002094	525 WEST 52ND ST. LLC	03	P	09/07/2011	NOV(FIELD)
94002250	525 WEST 52ND ST. LLC	03	P	09/07/2011	NOV(FIELD)
25143918	525 WEST 52ND ST.LLC	03	P	09/07/2011	NOV(FIELD)
01217454	APPLE INDUS CONDO	03	C	12/22/2010	NOV(FIELD)
70071774	APPLE INDUS CONDO	94	G	05/10/2012	PASS
70031067	APPLE INDUST CONDO	93	G	01/08/2013	PASS
24057648	APPLE INDUSTRIAL CONDO	34	N	06/19/2007	PASS

NOV

FPREV Violation Notices

Owner Name	NOV Num	Issue Date	Vio LawNum	Vio LawDesc	Vio Disposition	Disp Date
525 WEST 52ND ST LLC	11291251Y	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
525 WEST 52ND ST LLC	11291252X	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
525 WEST 52ND ST LLC	11291253H	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
525 WEST 52ND ST LLC	11291254J	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
525 WEST 52ND ST LLC	11291255L	09/07/2011	RULE 3	SOLD/STR/USE/MFG/TRN MATERIAL W/O PERMI	DEFAULT	10/31/2011
APPLE INDUS CONDO	11210851K	12/22/2010	RULE 19	FAILED TO PROVIDE REQUIR AFFIDAVIT/PLAN	FOUND GUILTY AT A HEARING	02/09/2011
APPLE INDUSTRIAL CONDOMI	11246055Y	05/10/2012	RULE 12	FAIL TO MAINTAIN SPK/STD/ALARM/SUPP SYS	FOUND GUILTY AT A HEARING	06/28/2012
			RULE 17	FAILED TO OBTAIN CERTIFICATE OF FITNESS	FOUND GUILTY AT A HEARING	06/28/2012

FDNY Building Information Profile

07/29/13 11:30:42

Bin: 1027048

NOV

FPREV Violation Notices

Owner Name	NOV Num	Issue Date	Vio LawNum	Vio LawDesc	Vio Disposition	Disp Date
			RULE 27	FAILED TO PROVIDE LIGHTING DEVICES	FOUND GUILTY AT A HEARING	06/28/2012
			RULE 5	FAILED TO PRODUCE PERMIT AND/OR RECORD	FOUND GUILTY AT A HEARING	06/28/2012
			RULE 6	FAILED TO PROVIDE SIGN/POSTING/INSTRUCT	FOUND GUILTY AT A HEARING	06/28/2012
			RULE 7	FAILED TO PROVIDE LABELS/MARKS/STAMPS	FOUND GUILTY AT A HEARING	06/28/2012
WEBUELOPE CORP	17130400J	09/14/1988	RULE 1	FAILED TO PROVIDE BUCKETS/EXTINQUISHERS	CURED AT A HEARING	01/05/1989
			RULE 17	FAILED TO OBTAIN CERTIFICATE OF FITNESS	FOUND GUILTY AT A HEARING	01/05/1989
			RULE 20	FAILED TO CONDUCT REQUIR TEST/INSPECTIO	FOUND GUILTY AT A HEARING	01/05/1989

Vio Orders

No Violation Orders Found.

Christine Madsen

From: Natural Heritage <nathert@gw.dec.state.ny.us>
Sent: Tuesday, July 16, 2013 1:01 PM
To: Christine Madsen
Subject: Re: FOIL Request
Attachments: 2013_635_Langan_100396701.pdf

Ms. Madsen,
In response to your request, please see the attached letter and report.

Sincerely,

Nicholas Conrad
Information Resources Coordinator
NY Natural Heritage Program
NYS Department of Environmental Conservation
625 Broadway, 5th Floor
Albany, NY 12233-4757
www.nyhp.org

>>> "Christine Madsen" <cmadsen@Langan.com> 7/2/2013 9:01 AM >>>
The following FOIL request is made on behalf of Amanda Forsburg. Thank you in advance for your quick response!

Christine Madsen
Staff Engineer
Direct: 201.398.4899 x4448
Mobile: 551.497.3336

LANGAN
Phone: 201.794.6900 Fax: 201.794.0366
River Drive Center 1
619 River Drive
Elmwood Park, NJ 07407-1338
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT PENNSYLVANIA VIRGINIA FLORIDA CALIFORNIA
ABU DHABI ATHENS DOHA DUBAI ISTANBUL

Langan's goal is to be SAFE (Stay Accident Free Everyday)

Please consider the environment before printing this e-mail
Electronic communication provided by "Langan" encompasses "Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.," "Langan Engineering and Environmental Services, Inc.," "Langan International LLC," "Treadwell & Rollo, a Langan Company," and "Langan Engineering and Environmental Services, Inc., PC." This electronic transmission may contain confidential, proprietary or privileged information. No confidentiality or privilege is intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution or copying of this message, any attachments thereto or their contents is strictly prohibited.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th Floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • **Fax:** (518) 402-8925
Website: www.dec.ny.gov

Joe Martens
Commissioner

July 15, 2013

Amanda Forsburg
Senior Staff Scientist
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
River Drive Center 1 619 River Drive
Elmwood Park, NJ 17407

Dear Ms. Forsburg:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the site at 523-531 West 52nd Street, Manhattan (Langan Project No. 100396701).

Enclosed is a report of rare or state-listed animals and plants, and significant natural communities, which our databases indicate occur, or may occur, on your site or in the immediate vicinity of your site.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our databases. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,

Nicholas Conrad
Information Resource Coordinator
New York Natural Heritage Program

635

The following state-listed animals have been documented at your project site, or in its vicinity.

The following list includes animals that are listed by NYS as Endangered, Threatened, or Special Concern; and/or that are federally listed or are candidates for federal listing. The list may also include significant natural communities that can serve as habitat for Endangered or Threatened animals, and/or other rare animals and rare plants found at these habitats.

For information about potential impacts of your project on these populations, how to avoid, minimize, or mitigate any impacts, and any permit considerations, contact the Wildlife Manager or the Fisheries Manager at the NYSDEC Regional Office for the region where the project is located. A listing of Regional Offices is at http://www.dec.ny.gov/about/558.html.

The following species and habitats have been documented at or near the project site, generally within 0.5 mile. Potential onsite and offsite impacts from the project may need to be addressed.

COMMON NAME	*SCIENTIFIC NAME*	*NY STATE LISTING*	*FEDERAL LISTING*	
Fish				
Shortnose Sturgeon	*Acipenser brevirostrum*	Endangered	Endangered	1091

This report only includes records from the NY Natural Heritage databases. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the listed animals in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NYSDEC at http://www.dec.ny.gov/animals/7494.html.

Information about many of the rare plants and animals, and natural community types, in New York are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NatureServe Explorer at http://www.natureserve.org/explorer.

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Thomas Farley, MD MPH
Commissioner

7/11/2013

Langan Engineering and Environmental Services, D.P.C.
River Drive Center 1, 619 River Drive
Elmwood Park, NJ 07407
Attention: ***Amanda Forsburg***

Re: ***523-531 W. 52nd St., NY/Non-identifying environmental records***
Control #: ***2013FR02032***

The New York City Department of Health and Mental Hygiene acknowledges receipt of your Freedom of Information Law request. It has been assigned the above-noted control number and has been forwarded to the following bureau or office for processing:

Bureau / Office

[ ] Lead Poisoning Prevention
Ben DelPercio
(646) 632-6006

[X] Environmental Health Services
Dylsia Tapia or Shirley Wiley
(212) 788-4648

[ ] Contract Services
Ellen Rieser
(347) 396-6629

[ ] Bureau of Human Resources
Ana Perez
(347) 396-2108

[ ] Communicable Diseases
Beth Nivin
(347) 396-2616

[ ] Other _____

You should receive a response from the program/bureau within twenty(20) business days. Please note that responses are provided electronically whenever possible, and that there is a fee of 25 cents per page for copies of records not available electronically. You will be advised by the program/bureau of the fee that is due and, upon receipt of your payment by check or money order, the copies will be forwarded to you.

All inquiries about the status of your request should be made with the program/bureau noted.

Sincerely,

CA/SB

Chari Anhouse, Esquire
Records Access Officer
42-09 28th Street, CN31
Long Island City, NY 11101
347-396-6078/6116(P)
347-396-6088(F)
recordsaccess@health.nyc.gov

NYC Environmental Protection

Carter H. Strickland, Jr.
Commissioner

Vincent Sapienza
Deputy Commissioner
Bureau of Wastewater Treatment
vsapienza@dep.nyc.gov

96-05 Horace Harding Expressway
Corona, NY 11368
T: (718) 595-4906
F: (718) 595-6950

Date: 7/11/13

Re: Freedom of Information Law Request (FOIL) # 100813

Dear Sir or Madam:

I am writing in response to your FOIL request (see attached). This response specifically addresses only those aspects of your request related to the discharge of wastewater or other materials to a New York City public sewer. As this letter only pertains to records in the custody of the Division of Pollution Control and Monitoring, if your request was also directed to other divisions within the Bureau of Wastewater Treatment or to other bureaus within the Department of Environmental Protection, then you will receive a separate response from those divisions or bureaus.

Concerning your request, the **Division of Pollution Control and Monitoring**:

[ ] cannot identify the requested location because _____.

[X] after search, has not identified any records responsive to your request.

[ ] has identified records responsive to your request. Please telephone me at (718) 595-4756 to arrange for an appointment to review the information.

[ ] other _____

_____

_____

Sincerely,

Vitaly Weiler
FOIL Liaison
Division of Pollution Control and Monitoring

Below is the result of your feedback form. It was submitted by (aforsburg@langan.com) on Friday, June 28, 2013 at 16:09:28

DEP-RECEIVED
COMMISSIONER'S OFFICE

2013 JUL -1 AM 7:26

This form resides at
http://www.nyc.gov/html/dep/html/contact_us/foil.shtml

---

foil-form: REMOTE_HOST,HTTP_ADDR,HTTP_USER_AGENT

type-of-record: BEC-Asbestos, BEC-Air, BEPA, BPS, BWT-Wastewater, Other Record

other-record-text: Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

record-request: All Records

record-request-type: Inspect

location: 523-531 West 52nd Street

time-frame: ALL

first-name: Amanda

last-name: Forsburg

phone: 201-794-6900

organization: Langan

address: 619 River Drive

city: Elmwood Park

state: NJ

zip-code: 07407

date: 06-28-2013

Log # 100813

REMOTE_HOST: 208.111.129.108
HTTP_USER_AGENT: Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/27.0.1453.116 Safari/537.36

****

Foil

From: outgoingagency@customerservice.nyc.gov
Sent: Friday, June 28, 2013 4:11 PM
To: Foil
Subject: City of New York - Correspondence #1-1-867029147 Application for Records under FOIL

Your City of New York - CRM Correspondence Number is 1-1-867029147

DATE RECEIVED: 06/28/2013 16:09:39

DATE DUE: 07/12/2013 16:10:41

SOURCE: eSRM

The e-mail message below was submitted to the City of New York via NYC.gov or the 311 Call Center. It is forwarded to your agency by the 311 Customer Service Center. In accordance with the Citywide Customer Service standard, your response is due in 14 calendar days.

****

If this message is to a Commissioner / Agency Head and needs to be re-routed to another agency or cc to another agency, forward the email to outgoingagency@customerservice.nyc.gov. Do not make any changes to the subject line. Include any comments and it will be processed by the 311 Customer Service Center.

All other web forms are to be handled by the receiving agency.

****

-----Original Message-----

From: PortalAdmin@doitt.nyc.gov
Sent: 06/28/2013 16:09:28
To: sbladmp@customerservice.nyc.gov
Subject: < No Subject >

From: aforsburg@langan.com ()
Subject: Application for Records under FOIL

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

2 July 2013

Via Email (PaulineL@dep.nyc.gov)

DEP-RECEIVED
COMMISSIONER'S OFFICE
2013 JUL -2 AM 9:48

Pauline Lewis
City of New York Department of Environmental Protection
Office of Environmental Planning and Assessment, 11th Floor
59-17 Junction Boulevard
Flushing, New York 11373

Re: Request for review of information
523-531 West 52nd Street
Manhattan, New York, 10019
Langan Project No.: 100396701

Dear Ms. Lewis:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting a general records search for the above-referenced property. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

This site which is identified as 523-531 West 52nd Street and is known by the NYC Department of Finance as Block 1801 Lot 7501 is bound to northeast by West 53rd Street, to the northwest by vacant property, to the southwest by West 52nd Street, and to the southeast by a 25-floor mixed use commercial and residential building. The site was most recently used for light industrial purposes as a printing company known as United Envelope Company, Inc. According to information provided for the building, there is an active above ground storage tank within the building that is used to store fuel oil. The Petroleum Bulk Storage number for this tank is ID# 2-337129. According to the title search, the site is currently owned by Archstone Enterprise LP and Avalonbay Communities, Inc.

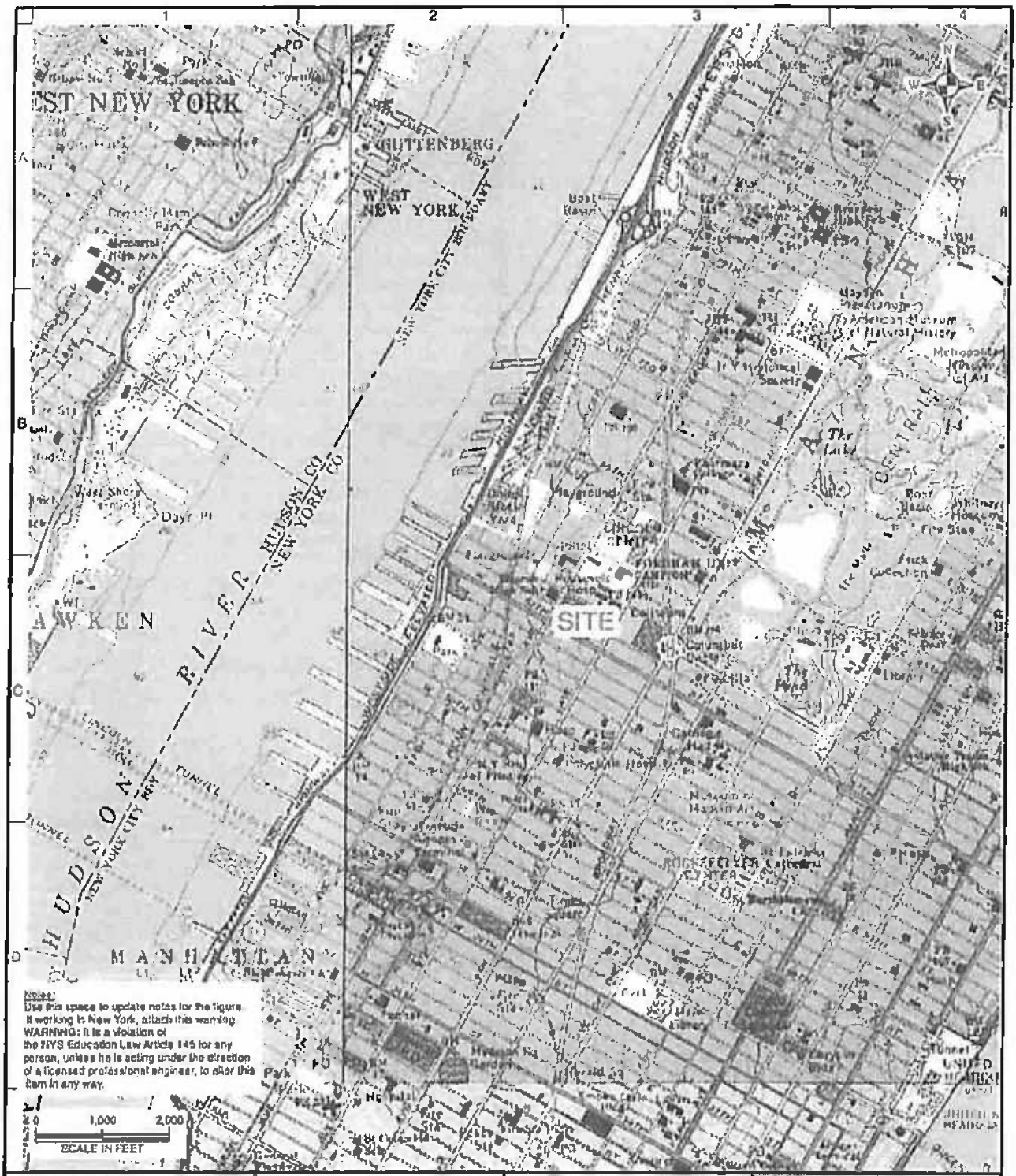
If possible, please fax a response to (201) 794-6913 and send a hard-copy response to my attention at the address listed below. Please contact me at (201) 398-4899 x4276 if there are any questions regarding this request. Thank you in advance for your assistance.

Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Amanda M Forsburg

Amanda Forsburg
Senior Staff Scientist

AF:cbm
Enclosure(s): Site Location Map
W:\langan.com\data\EP\data7\100396701\Engineering Data\Environmental\Correspondence\FOILWYC.Plan Assess.Letter.file review DPC.docx



LANGAN Harborside Drive Center 1, 619 River Drive Elmwood Park, NJ 07407-1338 T: 201.794.6900 F: 201.794.0366 www.langan.com Langan Engineering & Environmental Services, Inc. Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. Langan International LLC Collectively known as Langan NJ CERTIFICATE OF AUTHORIZATION No. 21GA27985600	Project **525 WEST 52ND STREET** BLOCK No. 1081, LOT No. 7501 MANHATTAN NEW YORK COUNTY NEW YORK	Drawing Title **SITE LOCATION PLAN**	Project No. 100386701 Date 7/1/2013 Scale 1"=2,000' Drawn By CBM Submission Date 7/1/2013	Figure 1 Sheet 1 of 1

© 2013 Langan

Path: \\langan.com\data\EF\data\7\100386701\ArcGIS\ArcMap_Documents\Figure 1 - Site Location Plan.mxd

Amanda Forsburg

From: Foil r2foil <r2foil@gw.dec.state.ny.us>
Sent: Friday, July 12, 2013 3:23 PM
To: Amanda Forsburg
Subject: R2-13-1890-Forsburg.1pdf.docx
Attachments: 2-337129.pdf

FOIL: R2-13-1890
Amanda Forsburg/Langan Eng. & Env. Services
201-794-6900
F 201-794-6913
aforsburg@langan.com

Re: 523-531 W 52nd St in Manhattan
PBS 2-337129

Dear Ms. Forsburg:

NYSDEC/Region 2 has reviewed your request for the above referenced records under New York State's Freedom of Information Law (FOIL). Please note that most of our records are filed by number under the names of individuals or corporations. We have no way of locating or retrieving records if they are filed under names or addresses other than those you have provided.

If no records have been located, this does not necessarily mean, and should not be interpreted to mean that there have never been any violations, complaints, claims, investigations or inquiries involving those names or addresses. We cannot make any representations as to whether there are or have been any such violations, complaints, claims, investigations or inquiries.

☒ Attached please find 1 pdf file (s)] of free copy of the records located for the names and/or addresses you provided. .

Therefore, your FOIL request has been satisfied and closed.

Please email your future FOILs to Region 2 directly to our email address: r2foil@gw.dec.state.ny.us

Please send me an email confirming the receipt of the attachment(s).

Thank you for your request. If you have any questions, please call my secretary Gloria Silva at 718-482-4507, or email it to me at r2foil@gw.dec.state.ny.us .

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

Attachment(s): 1 pdf file (s)

PBS # : **2-337129**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Petroleum Bulk Storage Program
Facility Information Report

Printed : 7/10/2013

pbsfacrpt_foil.rpt

Site Information

APPLE IND CONDO
525 WEST 52ND STREET
525 W 52 ST
NEW YORK, NY 10019

Site Phone: (212) 453-9300

Town: New York City County: New York

Class B (On-Site) Operator: MR WILLIE HOLLINGSWORTH

Class A (Primary) Operator:

Emergency Contact: GERRY RITTERMAN

Tax Map Information

Borough/Section:
Block:
Lot:

Site Owner Information

APPLE IND CONDO
525 W 52 ST
NEW YORK, NY 10019

(212) 453-9300

Owner Type : Corporate/Commercial/Other

Emergency Phone: (914) 393-6134

Mail Correspondent Information

APPLE IND CONDO
525 WEST 52ND STREET
NEW YORK, NY 10019

ATTN: GERRY M. RITTERMAN

(212) 453-9300

Authorized Representative: GERRY M. RITTERMAN

Site Status : Active Reg Expires : 02/25/2013 Cert Printed: 03/25/2008 Total Active Tanks : 1 Last Inspected:

Site Type: Manufacturing (Other than Chemical)/Processing Cert Issued: 03/25/2008 Total Active Capacity : 7,000 Inspected By:

(2) Tank No	(3) Tank Loc	(4) Status	(5) Date Install	(5) Date Closed	(6) Capacity (gals)	(7) Product	(8) Tank Type	(9) Tank IP	(10) Tank EP	(11) Tank SC	(12) Tank LD	(13) Tank OP	(14) Tank SP	(15) Tank Disp	(16) Pipe Loc	(17) Pipe Type	(18) Pipe EP	(19) Pipe SC	(20) Pipe LD	(21) UDC	Last Test Date	Next Test Date	Tank Owner
001	1	1	01/01/1960		7,000	0001	01	00	00	03	05	00	01	02	00	00	00	01	09				

(See Reverse Side or Last Page for Code Keys)

PETROLEUM BULK STORAGE APLICATION - SECTION B - TANK INFORMATION - CODE KEYS

Action (1)

1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Recondition/Repair/Reline Tank

Tank Location (3)

1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, leggs, stilts, rack or cradle
4. Aboveground with 10% or more below ground
5. Underground
6. Aboveground in Subterranean Vault w/access for inspections

Status (4)

1. In-service
2. Temporarily out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Products Stored (7)

Heating Oils: On-Site Consumption

0001. #2 Fuel Oil
0002. #4 Fuel Oil
0259. #5 Fuel Oil
0003. #6 Fuel Oil
0012. Kerosene
0591. Clarified Oil
2711. Biodiesel (Heating)
2642. Used Oil (Heating)

Heating Oils: Resale/ Redistribution

2718. #2 Fuel Oil
2719. #4 Fuel Oil
2720. #5 Fuel Oil
2721. #6 Fuel Oil
2722. Kerosene
2723. Clarified Oil
2724. Biodiesel (Heating)

Motor Fuels

0009. Gasoline
2712. Gasoline/Ethanol
0008. Diesel
2710. Biodiesel
0011. Jet Fuel
1044. Jer Fuel (Biofuel)
2641. Aviation Gasoline

Lubricating/Cutting Oils

0013. Lube Oil
0015. Motor Oil
1045. Gear/Spindle Oil
0010. Hydraulic Oil
0007. Cutting Oil
0021. Transmission Fluid
1836. Turbine Oil
0308. Petroleum Grease

Oils Used as Building Materials

2626. Asphaltic Emulsions
0748. Form Oil

Petroleum Spirits

0014. White/Mineral Spirits
1731. Naptha

Mineral/Insulating Oils

0020. Insulating Oil (e.g., Transformer, Cable Oil)
2630. Mineral Oil

Waste/Used/Other Oils

0022 Waste/Used Oil
9999. Other-Please list:*

Crude Oil

0006. Crude Oil
0701. Crude Oil Fractions

Tank Type (8)

01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-Please list:*

Internal Protection (9)

00. None
01 Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-Please list:*

External Protection (10/18)

00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07 Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-Please list:*

Tank Secondary Containment (11)

00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (Underground Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation Liner
09. Modified Double-Walled (Aboveground Only)
10. Impervious Underlayment (Aboveground Only)**
11. Double Bottom (Aboveground Only)**
12. Double-Walled (Aboveground Only)

Tank Leak Detection (12)

00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (Auto Tank Gauge)
06. Impervious Barrier/Concrete Pad (Aboveground Only)
99. Other-Please list:*

Overfill Protection (13)

00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-Off
04. Product Level Gauge (Aboveground Only)
05. Vent Whistle
99. Other-Please list:*

Spill Prevention (14)

00. None
01. Catch Basin
99. Other-Please list:*

Pumping/Dispensing Method (15)

00. None
01. Presurized Dispenser
02. Suction Dispenser
03. Gravity
04. On-Site Heating System (Suction)
05. On-Site Heating System (Supply/Return)
06. Tank-Mounted Dispenser
07. Loading Rack/Transfer Pump

Piping Location (16)

00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Underground Combination

Piping Type (17)

00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-Please list:*

Piping Secondary Containment (19)

00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
04. Double-Walled (Underground Only)
06. Remote Impounding Area
07. Trench Liner
12. Double-Walled (Aboveground Only)

Pipe Leak Detection (20)

00. None
01. Interstitial Electronic Monitoring
02. Insterstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
09. Exempt Suction Piping
99. Other-Please list:*

Under Dispenser Containment (UDC) (21)

Check Box if Present

- -

* If other, please list on a separate sheet including tank number,

** Each of these codes must be combined with code 01 or 06 to meet compliance requirements.

Christine Madsen

From: Amanda Forsburg
Sent: Tuesday, July 09, 2013 2:45 PM
To: Christine Madsen
Subject: FW: R2-13-1890 - Ackw. letter

Amanda Forsburg
Senior Staff Scientist
Direct: 201.398.4899 x4276
Mobile: 201.615.9726

LANGAN

NEW JERSEY NEW YORK CONNECTICUT PENNSYLVANIA VIRGINIA FLORIDA CALIFORNIA
ABU DHABI ATHENS DOHA DUBAI ISTANBUL

Langan's goal is to be SAFE (Stay Accident Free Everyday)

Please consider the environment before printing this e-mail

From: Foil r2foil [mailto:r2foil@gw.dec.state.ny.us]
Sent: Tuesday, July 02, 2013 12:38 PM
To: Amanda Forsburg
Cc: Foil r2foil
Subject: R2-13-1890 - Ackw. letter

July 02, 2013

FOIL: R2-13-1890

Amanda Forsburg/Langan Eng. & Env. Services
201-398-4276
F 201-794-6913
aforsburg@langan.com

Re: 523-531 W 52nd St in Manhattan
PBS 2-337129

Dear Ms. Forsburg:

We are in receipt of your Foil request for the above referenced site. The identification Number(s) assigned is: R2-13-1890.

If for any reason you need to contact us again please use these numbers. When the programs are done gathering the files/information, this office will contact you.

Please email your future FOILs to Region 2 directly to the following email address:
r2foil@gw.dec.state.ny.us

Please expect our response within 20 business days from the date of this letter.

If you have any questions @ your FOIL, please call Gloria Silva/ or Cynthia Whiting/FOIL Secretary at 718-484507, or email me providing the above FOIL # at: r2foil@gw.dec.state.ny.us

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

Please be advised that in your future submission of FOILs to Region 2, you should include the Spill(s), or PBS(s) number(s) to expedite your request. This will give you more information @ all records that we may have related to your FOIL(s). So that you will submit FOILs, for those that the additional information/records are needed.

NYSDEC public websites that are listed below:

Please be advised that relevant information responsive to your request may be found at the following Department of Environmental Conservation/Remediation's websites:
The Spills Database link is as follows:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=1

HWR/Environmental Remediation Website:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3

The PBS Database link is as follows:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=4

Also, you can search for Permits issued by NYSDEC by using the Link:
http://www.dec.ny.gov/cfmx/extapps/envapps/

If you need assistance on how to search the above websites, please contact me.

Please email your future FOILs to Region 2 directly to the following email address:
r2foil@gw.dec.state.ny.us

If after your search, additional information/records are needed, please include the spill #(s), or PBS #(s), Permit #(s) and exact street address of the site(s) you are requesting information for, and email your request(s) to Region 2. Please note that Region 2 policy is to submit a FOIL request for a maximum of two (2) sites/FOIL. If you didn't provide the results (i.e. spills/PBS #s) of your websites search within 10 days, your FOIL will be closed

You may resubmit your FOIL again providing the above requested information.

Thank you for your FOIL request. If you have any questions, please call Gloria Silva/FOIL Secretary at (718) 482-4507, or email me providing the above FOIL #
at: r2foil@gw.dec.state.ny.us.

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator & FOIL Coordinator
New York State Department of Environmental Conservation
Region 2
47-40 21St Street
Long Island City, NY 11101
Tel:(718) 482-4992
Fax:(718) 482-6729
r2foil@gw.dec.state.ny.us

Form—244-1927 Certificate of Occupancy. 8A-2087-27-I.

BUREAU OF BUILDINGS

BOROUGH OF MANHATTAN, CITY OF NEW YORK

HVC **CERTIFICATE OF OCCUPANCY No. 15561 192 9**

Supersedes Certificate of Occupancy No.

To the owner or owners of the building: New York Sept. 3, 1929

THIS CERTIFIES that the building located on Block 1081, Lot 16-19

known as 525-31 West 52nd Street
100' front

under a permit, Application No. 505 N.B. of 1928, conforms to the approved plans and specifications accompanying said permit and any approved amendments thereto, and to the requirements of the building code and all other laws and ordinances and to the rules and regulations of the board of standards and appeals, applicable to a building of its class and kind, except that in the case of a building heretofore existing and for which no previous certificate of occupancy has been issued and which has not been altered or converted since March 14, 1916, to a use that changed its classification as defined in the building code, this certificate confirms and continues the existing uses to which the building has been put; and

CERTIFIES FURTHER that the building is of fireproof construction within the meaning of the building code and may be used and occupied as a business building as hereinafter qualified, in a n unrestricted district under the building zone resolution, subject to all the privileges, requirements, limitations, and conditions prescribed by law or as hereinafter specified.

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Cellar				15	Automobile repair shop
1st Story	300			15	Garage, more than 5 autos and driveway
2nd "	200			65	Offices
3rd "	200			10	Automobile repair shop
4th "	200			15	Factory
5th "	200			15	
6th "	200			15	
7th "	200			15	

This certificate is issued to Russell G. Cory, architect
30 Church Street, City.
, for the owner or owners.

The superimposed, uniformly distributed loads, or their equivalent concentrated loads in any story shall not exceed the live loads specified above; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

Unless specifically stated above, the building or any part thereof, if certified as a public building, shall not be used as a building in which persons are harbored to receive medical, charitable or other care or treatment, such as a hospital, asylum, etc., or in which persons are held or detained under legal restraint, such as a police station, jail, etc.; nor shall it be used as a motion picture theatre as defined in section 30, chapter 3, Code of Ordinances; nor as a theatre or opera house or other building intended to be used for theatrical or operatic purposes, or for public entertainment of any kind, for the accommodation of more than 300 persons.

Unless specifically stated above, the building or any part thereof, if certified as a residence building, shall not be used as a tenement house as defined in the tenement house law; nor shall it be used as any form of residence building having more than 15 sleeping rooms; nor shall it be used as a lodging house within the meaning of Sec. 1305 of the Greater New York Charter.

Unless specifically stated above, the building or any part thereof, if certified as a business building, shall not be used as a garage, motor vehicle repair shop or oil selling station as defined in section 1, chapter 10, Code of Ordinances; nor shall it be used for the generation or compression of acetylene; nor as a factory building as defined in the labor law; nor as a grain elevator; nor as a coal pocket.

Except as otherwise noted above, the building, or any part thereof, if located elsewhere than in an unrestricted district, shall not be used for any of the purposes enumerated in paragraph (a) of section 4 of the building zone resolution; nor for any trade, industry or use that is noxious or offensive by reason of the emission of odor, dust, smoke, gas or noise; nor for any kind of manufacturing not already prohibited, except that, if located in a business district, not more than twenty-five per cent. of the total floor space may be so used, or space equal to the area of the lot in any case.

Except as otherwise noted above, the building, if certified as a garage, may not be used for more than five cars on any portion of a street between two intersecting streets, in which portion there exists an exit from or an entrance to a public school, or in which portion there exists any hospital maintained as a charitable institution; and in no case within a distance of 200 feet from the nearest exit from or entrance to a public school; nor within two hundred feet of any hospital maintained as a charitable institution.

If the building has, at any time previous to the issuance of this certificate, been the subject of an appeal to the board of appeals or of a petition to the board of standards and appeals resulting in modification or variation of law or any lawful requirement, the construction and arrangement of the building as specified in the resolution granting such modification or variation, must be maintained, and all conditions imposed by either board must be observed.

No change or re-arrangement in the structural parts of the building, or affecting the lighting or ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located, until an approval of the same has been obtained from the superintendent of buildings.

This certificate supersedes each and every previously issued certificate of occupancy for this building or any part thereof, and each and every such previously issued certificate shall be null and void; and this certificate in turn becomes null and void upon the issuance of any new lawful certificate.

This certificate does not in any way relieve the owner or owners, or any other person or persons in possession or control of the building, or any part thereof, from obtaining such other permits or licenses as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

This certificate does not authorize the use or operation of any elevator in the building without the special certificate required by section 563 of the building code.

If the building is or is required to be equipped with standpipes or other fire extinguishing or gas shut off appliances, this certificate is not complete until such standpipes or other appliances have been inspected by the fire department (or by the Tenement House Department, in the case of a gas shut off in a tenement house) and approved in writing, either in a separate certificate or by endorsement upon this certificate. (Space for such endorsement is provided on page 4 of this certificate.)

If this certificate is marked "Temporary," it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to a tenement house unless also approved by the tenement house commissioner; and it must be replaced by a full certificate as soon as the entire building is completed according to law and ready for occupancy.

The word "class" as used in this certificate refers to the classification of buildings in the building code (section 70).

This certificate is issued in accordance with the provisions of section 411-a of the Greater New York Charter and of section 5 of chapter 5 (Building Code) of the Code of Ordinances of the City of New York.

Examined, 19

Superintendent of Buildings, Borough of Manhattan.

Additional copies of this certificate will be issued, upon written request, to persons having a proprietary interest in the building.

Form—244-1935 Certificate of Occupancy. 8A-2087-35-Bu-80

HOUSING AND

DEPARTMENT OF BUILDINGS

BOROUGH OF MANHATTAN, CITY OF NEW YORK

HVC CERTIFICATE OF OCCUPANCY No. 23264 193 8

Supersedes Certificate of Occupancy No.

To the owner or owners of the building: New York January 7, 1938.

THIS CERTIFIES that the building located on Block 1082, Lot 16, 45 to 49 incl.

known as 520-8 West 53rd Street-525-31 West 52nd Street

under a permit, Application No. 100' and 125' front 20 Alt of 19 37, conforms to the approved plans and specifications accompanying said permit and any approved amendments thereto, and to the requirements of the building code and all other laws and ordinances and to the rules and regulations of the board of standards and appeals, applicable to a building of its class and kind, except that in the case of a building heretofore existing and for which no previous certificate of occupancy has been issued and which has not been altered or converted since March 14, 1916, to a use that changed its classification as defined in the building code, this certificate confirms and continues the existing uses to which the building has been put; and

CERTIFIES FURTHER that the building is of fireproof construction within the meaning of the building code and may be used and occupied as a business building as hereinafter qualified, in an unrestricted district under the building zone resolution, subject to all the privileges, requirements, limitations and conditions prescribed by law or as hereinafter specified.

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Basement	300	30		30	Garage for more than 5 autos
1st Story	300	30		30	Garage for more than 5 autos
2nd "	200	75	100	175	Offices
3rd "	200	45	25	70	
4th "	200	25		25	FACTORY
5th "	200	45	25	70	
6th "	200	25		25	
7th "	200	25		25	

CANCELLED DEC 30 1967 Temp.

This certificate is issued to Russell G. Cory, Architects, 30 Church Street, City. , for the owner or owners.

The superimposed, uniformly distributed loads, or their equivalent concentrated loads in any story shall not exceed the live loads specified above; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

Unless specifically stated above, the building or any part thereof, if certified as a public building, shall not be used as a building in which persons are harbored to receive medical, charitable or other care or treatment, such as a hospital, asylum, etc., or in which persons are held or detained under legal restraint, such as a police station, jail, etc.; nor shall it be used as a motion picture theatre as defined in section 30, chapter 3, Code of Ordinances; nor as a theatre or opera house or other building intended to be used for theatrical or operatic purposes, or for public entertainment of any kind, for the accommodation of more than 300 persons.

Unless specifically stated above, the building or any part thereof, if certified as a residence building, shall not be used as a tenement house as defined in the tenement house law; nor shall it be used as any form of residence building having more than 15 sleeping rooms; nor shall it be used as a lodging house within the meaning of Sec. 1305 of the Greater New York Charter.

Unless specifically stated above, the building or any part thereof, if certified as a business building, shall not be used as a garage, motor vehicle repair shop or oil selling station as defined in section 1, chapter 10, Code of Ordinances; nor shall it be used for the generation or compression of acetylene; nor as a factory building as defined in the labor law; nor as a grain elevator; nor as a coal pocket.

Except as otherwise noted above, the building, or any part thereof, if located elsewhere than in an unrestricted district, shall not be used for any of the purposes enumerated in paragraph (a) of section 4 of the building zone resolution; nor for any trade, industry or use that is noxious or offensive by reason of the emission of odor, dust, smoke, gas or noise; nor for any kind of manufacturing not already prohibited, except that, if located in a business district, not more than twenty-five per cent. of the total floor space may be so used, or space equal to the area of the lot in any case.

Except as otherwise noted above, the building, if certified as a garage, may not be used for more than five cars on any portion of a street between two intersecting streets, in which portion there exists an exit from or an entrance to a public school, or in which portion there exists any hospital maintained as a charitable institution; and in no case within a distance of 200 feet from the the nearest exit from or entrance to a public school; nor within two hundred feet of any hospital maintained as a charitable institution.

If the building has, at any time previous to the issuance of this certificate, been the subject of an appeal to the board of appeals or of a petition to the board of standards and appeals resulting in modification or variation of law or any lawful requirement, the construction and arrangement of the building as specified in the resolution granting such modification or variation, must be maintained, and all conditions imposed by either board must be observed.

No change or re-arrangement in the structural parts of the building, or affecting the lighting or ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located, until an approval of the same has been obtained from the commissioner of buildings.

This certificate supersedes each and every previously issued certificate of occupancy for this building or any part thereof, and each and every such previously issued certificate shall be null and void; and this certificate in turn becomes null and void upon the issuance of any new lawful certificate.

This certificate does not in any way relieve the owner or owners, or any other person or persons in possession or control of the building, or any part thereof, from obtaining such other permits or licenses as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

This certificate does not authorize the use or operation of any elevator in the building without the special certificate required by section 563 of the building code.

If the building is or is required to be equipped with standpipes or other fire extinguishing or gas shut off appliances, this certificate is not complete until such standpipes or other appliances have been inspected by the fire department (or by the Tenement House Department in the case of a gas shut off in a tenement house) and approved in writing, either in a separate certificate or by endorsement upon this certificate. (Space for such endorsement is provided on page 4 of this certificate.)

If this certificate is marked "Temporary," it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to a tenement house unless also approved by the tenement house commissioner; and it must be replaced by a full certificate as soon as the entire building is completed according to law and ready for occupancy.

The word "class" as used in this certificate refers to the classification of buildings in the building code (section 70).

This certificate is issued in accordance with the provisions of section 411-a of the Greater New York Charter and of section 5 of chapter 5 (Building Code) of the Code of Ordinances of the City of New York.

Examined,

A

Albion L. Van Kleeck

Deputy Commissioner of Buildings, Borough of Manhattan

Department of Housing and Buildings

Additional copies of this certificate will be issued, upon written request, to persons having a proprietary interest in the building.

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF MANHATTAN, CITY OF NEW YORK

No. [illegible]

Date July 3, 1951

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the new—~~altered existing~~—building—premises located at

519-23 West 52nd Street Block 1081 Lot part of 21, part of 22 and Lot 20.

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

N.B. ~~Alt.~~ No.— 226-1950 Construction classification— Class 1 fireproof

Occupancy classification— Commercial . Height 1 stories, 13'6" feet.

Date of completion— July 2, 1951 . Located in Unrestricted Use District.

B Area 1½ . Height Zone at time of issuance of permit 3899-1950.

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
1st story	on ground & 500				Loading platform.

Borough Superintendent.

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

FORM 54 118.5M 7/31/17(49) 114

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF MANHATTAN, CITY OF NEW YORK TEMPORARY

No. 29679

Date July 16, 1951

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No. 23264

To the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~—altered—~~existing~~—building—premises located at

525-531 West 52nd Street Block 1081 Lot 16, 46, 47, 48 and 49.

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~N.B. or~~ Alt. No.— 1558-1950 Construction classification— Class 1 fireproof

Occupancy classification—Commercial . Height 3 & 7 stories, 70 ft - 4½ in feet.

Date of completion— ____ . Located in Unrestricted Use District.

3 Area 1½ . Height Zone at time of issuance [illegible] 1950

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

SUPERSEDED BY C.O. 39410

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
Basement	300	10		10	Storage and boiler room.
1st story	300	75		75	Newspaper Press room and paper storage.
2nd story	200	75	28	103	Offices.
3rd story	200	117	0	117	Newappper Composing Room.
4th story	200	25	0	25	Factory.
5th story	200	25	0	25	Factory.
6th story	200	10	0	10	Factory.
7th story	200	10	0	10	Factory.

Fuel Oil installation approved by Fire Department November 20, 1950.
Interior Fire Alarm system approved by Fire Department February 27, 1951.
Standpipe system approved by Fire Department April 17, 1951.

This is a TEMPORARY Certificate of Occupancy, issued for a period of ninety (90) days, starting July 16, 1951.

[illegible] contained in the main entrance hall of [illegible]

[illegible] Borough Superintendent.

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

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DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF MANHATTAN, CITY OF NEW YORK

No. 90110

Date January 23, 1952

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No. 38679

To the owner or owners of the building or premises:

THIS CERTIFIES that the new altered—~~existing~~ building—premises located at

525-531 West 52nd Street - 520-528 West 53rd St. Block 1081 Lot 15,46,47,48 and 49.

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~New~~ Alt. No.—1558-1950 Construction classification— Class 1 fireproof

Occupancy classification— Commercial Bldg. . Height Bsmt., 4 and 7 stories, 70'-4½" 90'-9" feet

Date of completion— January 17, 1952 . Located in Unrestricted Use District.

B Area 1½ . Height Zone at time of issuance of permit 2059-1950.

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
Basement	on ground	10		10	Boiler room and storage.
1st story	300	75		75	Newspaper Press room and paper storage.
2nd story	200	75	28	103	Offices.
3rd story	200	117	-	117	Newspaper Composing Room.
4th story	200	25	65	90	Factory.
5th story	200	25	-	25	Factory.
6th story	200	10	-	10	Factory.
7th story	200	10	-	10	Factory.

Fuel Oil installation approved by Fire Department January 19, 1951.
Fire Alarm system approved by Fire Department February 27, 1951.
Standpipe system approved by Fire Department April 17, 1951.
Sprinkler system approved by Fire Department November 26, 1951.

Arthur J. Sculley
Borough Superintendent

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

Form 54-C (Rev. 4/62)-80M-601036(62) 114

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DEPARTMENT OF BUILDINGS

BOROUGH OF MANHATTAN, THE CITY OF NEW YORK

Date August 1, 1966 No. 63355

CERTIFICATE OF OCCUPANCY

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

This certificate supersedes C. O. No. ~~XXXXXX~~ 39410

THIS CERTIFIES that the new—~~altered~~—~~existing~~—building—premises located at 525-531 West 52nd Street; 520-28 West 53rd Street Block 1081 Lot Part of 16

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the north side of West 52nd Street distant 300'-0" feet west from the corner formed by the intersection of West 52nd Street and 10th Avenue running thence west 125'-0" feet; thence north 200'-10" feet; thence east 125'-0" feet; thence south 200'-10" feet; running thence ..... feet; thence ..... feet; to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of the rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~XXXX~~ N.B. or Alt. No.— 471-1965 Construction classification— Class 1 Fireproof

Occupancy classification— Commercial Building Height Bsmt. 4 & 7 stories, 70'-4½" feet.

Date of completion— July 8, 1966 Located in M 1-5 90'-9" Zoning District.

at time of issuance of permit. 1742-1965; 1257-1966

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: and The City Planning Commission: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces .....

Off-Street Loading Berths .....

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
Basement	On Ground	40	Office, printing, bindery, Use group 17, boiler room and storage.
1st Story	300	75	Newspaper press room and paper storage.
Mezzanine	120	0	Storage.
2nd Story	200	120	Cafeteria and offices.
3rd Story	200	117	Newspaper composing room.
4th Story	200	90	Factory.
5th Story	200	25	Factory.
6th Story	200	10	Factory.
7th Story	200	10	Factory.
			FIRE DEPARTMENT APPROVALS: Fuel Oil Installation-January 19, 1951. Interior Fire Alarm-February 27, 1951. Standpipe System-April 17, 1951. Sprinkler System-November 26, 1951.
		NOTE:	This is an AMENDED Certificate of Occupancy.

Isadore M. Cohen

Borough Superintendent

OFFICE COPY—DEPARTMENT OF BUILDINGS

PERMISSIBLE USE AND OCCUPANCY (continued)

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE

Sec. 6[12] [illegible] Sec. 27A-273.0 Adm. Code

"Prior to the [illegible] or altered after January 1, 1938, the [illegible] of said structure as stated in the certificate of occupancy shall be permanently posted under glass and maintained in the main entrance hall of such structure."

Borough Superintendent

NYC BUILDINGS

Certificate of Occupancy

CO Number: 104886401T001

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the requirements of all applicable laws, rules and regulations for the uses and occupancies specified. No change of use or occupancy shall be made unless a new Certificate of Occupancy is issued. *This document or a copy shall be available for inspection at the building at all reasonable times.*

A.

Borough:	Manhattan	**Block Number:**	01081	**Certificate Type:**	Temporary
Address:	525 WEST 52 STREET	**Lot Number(s):**	7501	**Effective Date:**	12/27/2007
Building Identification Number (BIN):	1027048	**Building Type:**	Altered	**Expiration Date:**	03/26/2008

For zoning lot metes & bounds, please see BISWeb.

B.

Construction classification:	1	**Number of stories:**	8
Building Occupancy Group classification:	D-1	**Height in feet:**	122
Multiple Dwelling Law Classification:	None	**Number of dwelling units:**	0

C. **Fire Protection Equipment:**
None associated with this filing.

D. **Type and number of open spaces:**
None associated with this filing.

E. **This Certificate is issued with the following legal limitations:**
None

Outstanding requirements for obtaining Final Certificate of Occupancy:

There are 14 outstanding requirements. Please refer to BISWeb for further detail.

Borough Comments: None

Christopher M Santulli
Borough Commissioner

Borough Commissioner

Commissioner

B Form 54 (Revised 03/05)

DOCUMENT CONTINUES ON NEXT PAGE

NYC BUILDINGS

Certificate of Occupancy

CO Number: 104886401T001

Permissible Use and Occupancy

Floor From To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code habitable rooms	Building Code occupancy group	Zoning dwelling or rooming units	Zoning use group	Description of use
BAS	40	O.G		D-1			MANUFACTURING
MEZ		120		D-1			MANUFACTURING
001				D-1		16C	COMMERCIAL VEHICLE STORAGE
002	120	200		D-1			MANUFACTURING,ACCESORY OFFICES
003	117	200		D-1			MANUFACTURING,ACCESSORY OFFICES
004	90	200		D-1			MANUFACTURING,ACCESSORY OFFICES
005	75	200		D-1			MANUFACTURING,ACCESSORY OFFICES
006	75	200		D-1			MANUFACTURING, ACCESSROR OFFICCES
007	75	200		D-1			MANUFACTURING,ACCESSORY OFFICES

END OF SECTION

Christopher M Santulli
Borough Commissioner

Borough Commissioner

Commissioner

NYC Buildings

Certificate of Occupancy

CO Number: 104886401T002

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the requirements of all applicable laws, rules and regulations for the uses and occupancies specified. No change of use or occupancy shall be made unless a new Certificate of Occupancy is issued. *This document or a copy shall be available for inspection at the building at all reasonable times.*

A.

Borough: Manhattan	**Block Number:** 01081	**Certificate Type:** Temporary
Address: 525 WEST 52 STREET	**Lot Number(s):** 7501	**Effective Date:** 02/16/2010
Building Identification Number (BIN): 1027048	**Building Type:** Altered	**Expiration Date:** 05/17/2010

For zoning lot metes & bounds, please see BISWeb.

B.

Construction classification: 1

Building Occupancy Group classification: D-1

Multiple Dwelling Law Classification: None

No. of stories: 8 **Height in feet:** 122 **No. of dwelling units:** 0

C.

Fire Protection Equipment:
None associated with this filing.

D.

Type and number of open spaces:
None associated with this filing.

E.

This Certificate is issued with the following legal limitations:
None

Outstanding requirements for obtaining Final Certificate of Occupancy:

There are 14 outstanding requirements. Please refer to BISWeb for further detail.

Borough Comments: None

Borough Commissioner

Commissioner

DOCUMENT CONTINUES ON NEXT PAGE

NYC Buildings

Certificate of Occupancy

CO Number: 104886401T002

Permissible Use and Occupancy

All Building Code occupancy group designations are 1968 designations, except RES, COM, or PUB which are 1938 Building Code occupancy group designations.

Floor From To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code occupancy group	Dwelling or Rooming Units	Zoning use group	Description of use
BAS	40	O.G	D-1			MANUFACTURING
MEZ		120	D-1			MANUFACTURING
001			D-1		16C	COMMERCIAL VEHICLE STORAGE
002	120	200	D-1			MANUFACTURING,ACCESORY OFFICES
003	117	200	D-1			MANUFACTURING,ACCESSORY OFFICES
004	90	200	D-1			MANUFACTURING,ACCESSORY OFFICES
005	75	200	D-1			MANUFACTURING,ACCESSORY OFFICES
006	75	200	D-1			MANUFACTURING, ACCESSROR OFFICCES
007	75	200	D-1			MANUFACTURING,ACCESSORY OFFICES

END OF SECTION

Borough Commissioner

Commissioner

END OF DOCUMENT

NYC Buildings

Certificate of Occupancy

CO Number: 104886401T003

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the requirements of all applicable laws, rules and regulations for the uses and occupancies specified. No change of use or occupancy shall be made unless a new Certificate of Occupancy is issued. *This document or a copy shall be available for inspection at the building at all reasonable times.*

A.

Borough: Manhattan	**Block Number:** 01081	**Certificate Type:** Temporary
Address: 525 WEST 52 STREET	**Lot Number(s):** 7501	**Effective Date:** 12/19/2012
Building Identification Number (BIN): 1027048	**Building Type:** Altered	**Expiration Date:** 03/19/2013

For zoning lot metes & bounds, please see BISWeb.

B.

Construction classification: 1

Building Occupancy Group classification: D-1

Multiple Dwelling Law Classification: None

No. of stories: 8 **Height in feet:** 122 **No. of dwelling units:** 0

C.

Fire Protection Equipment:
None associated with this filing.

D.

Type and number of open spaces:
None associated with this filing.

E.

This Certificate is issued with the following legal limitations:
None

Outstanding requirements for obtaining Final Certificate of Occupancy:

There are 14 outstanding requirements. Please refer to BISWeb for further detail.

Borough Comments: None

Borough Commissioner

Commissioner

DOCUMENT CONTINUES ON NEXT PAGE

NYC Buildings

Certificate of Occupancy

CO Number: 104886401T003

Permissible Use and Occupancy

All Building Code occupancy group designations are 1968 designations, except RES, COM, or PUB which are 1938 Building Code occupancy group designations.

Floor From To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code occupancy group	Dwelling or Rooming Units	Zoning use group	Description of use
BAS	40	O.G	D-1			MANUFACTURING
ME Z		120	D-1			MANUFACTURING
001			D-1		16C	COMMERCIAL VEHICLE STORAGE
002	120	200	D-1			MANUFACTURING,ACCESORY OFFICES
003	117	200	D-1			MANUFACTURING,ACCESSORY OFFICES
004	90	200	D-1			MANUFACTURING,ACCESSORY OFFICES
005	75	200	D-1			MANUFACTURING,ACCESSORY OFFICES
006	75	200	D-1			MANUFACTURING, ACCESSROR OFFICCES
007	75	200	D-1			MANUFACTURING,ACCESSORY OFFICES

END OF SECTION

Borough Commissioner

Commissioner

END OF DOCUMENT

NYC Buildings

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NYC Department of Buildings

Boiler Details

Premises: 525 WEST 52 STREET MANHATTAN **BIN: 1027048 Block: 1081 Lot: 7501**

Boiler-No: 85270 **Serial-No:** 01 **Type:** COMMERCIAL LOW PRESSURE

Boiler Status: ACTIVE **Review Required:**

Filed At: 525 WEST 52 STREET **BIN: 1027048 BBL: 1-01081-07501**

Located in: BASEMENT

Make of Boiler: WEIL MCLAIN **Year:** 1975

Over6: No **No-of-Boilers:** 03

Fee: Yes **School:** No

INSP-DATE	REC-DATE	ENTRY DATE	NAME	RESULTS	NYS CERTIFICATE
01/23/2012	02/24/2012	07/07/2012	BRENNER IRWIN	NO DEFECTS	P 2041
03/30/2009	04/20/2009	04/21/2009	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5355
07/17/2008	08/14/2008	08/15/2008	THE HARTFORD STEAM BLR INSP INS	DEFECTS CORRECTED	5267
01/31/2007	03/01/2007	07/10/2007	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5162
01/30/2006	04/04/2006	01/04/2007	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5162
08/12/2005	11/21/2005	11/23/2005	MANISCOLCO MICHAEL	NO DEFECTS	O 2709
09/14/2005	11/04/2005	11/10/2005	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5162
11/09/2004	12/29/2004	02/14/2005	MANISCOLCO MICHAEL	NO DEFECTS	O 2709
12/08/2003	12/30/2003	01/12/2004	MANISCOLCO MICHAEL	DEFECTS EXIST	O 2709
07/25/2002	08/14/2002	08/14/2002	SANFARDINO NEAL	NO DEFECTS	O 5320
09/27/2001	10/09/2001	10/15/2001	SANFARDINO NEAL	NO DEFECTS	O 5320
03/23/2000	09/21/1999	05/09/2000	SANFARDINO NEAL	NO DEFECTS	O 5320
08/24/1999	03/09/1999	09/30/1999	CHUBB GROUP OF INSURANCE CO	NO DEFECTS	5141
02/15/1999	12/01/1998	03/11/1999	SANFARDINO NEAL	NO DEFECTS	O 5320
10/08/1998	05/05/1998	12/02/1998	CHUBB GROUP OF INSURANCE CO	NO DEFECTS	5141
04/08/1998	12/17/1997	05/11/1998	DOLAN ROBERT	NO DEFECTS	O 4230
10/15/1997	06/02/1997	01/30/1998	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
03/05/1997	12/20/1996	06/06/1997	DOLAN ROBERT	NO DEFECTS	O 4230
11/07/1996	10/09/1996	01/22/1997	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
07/29/1996	12/13/1995	10/23/1996	DOLAN ROBERT	NO DEFECTS	O 4230
12/01/1995	12/04/1995	02/05/1996	CHUBB GROUP OF INSURANCE CO	NO DEFECTS	2716
11/08/1995	12/29/1995	02/05/1996	DOLAN ROBERT	NO DEFECTS	O 4230
10/26/1995	10/25/1994	01/25/1996	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
10/11/1994	11/14/1994	02/27/1995	UNFLAT M. MICHAEL	NO DEFECTS	P 792
10/23/1994	05/02/1994	12/16/1994	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
12/06/1993	04/27/1992	01/18/1994	UNFLAT MAGNUS	NO DEFECTS	P 792
03/25/1992		07/30/1992	FEDERALINSURANCE CO	NO DEFECTS	2716

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

Boiler Details

Premises: 525 WEST 52 STREET MANHATTAN **BIN: 1027048 Block: 1081 Lot: 7501**

Boiler-No: 85270 **Serial-No:** 02 **Type:** COMMERCIAL LOW PRESSURE

Boiler Status: ACTIVE **Review Required:**

Filed At: 525 WEST 52 STREET **BIN: 1027048 BBL: 1-01081-07501**

Located in: BASEMENT

Make of Boiler: SPENCER **Year:** 1983

Over6: No **No-of-Boilers:** 03

Fee: Yes **School:** No

INSP-DATE	REC-DATE	ENTRY DATE	NAME	RESULTS	NYS CERTIFICATE
03/30/2009	04/20/2009	04/21/2009	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5355
07/17/2008	08/14/2008	08/15/2008	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5267
01/31/2007	03/01/2007	07/10/2007	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5162
01/30/2006	04/04/2006	01/04/2007	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5162
08/12/2005	11/21/2005	11/23/2005	MANISCOLCO MICHAEL	NO DEFECTS	O 2709
09/14/2005	11/04/2005	11/10/2005	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5162
11/09/2004	12/29/2004	02/14/2005	MANISCOLCO MICHAEL	NO DEFECTS	O 2709
12/08/2003	12/30/2003	01/12/2004	MANISCOLCO MICHAEL	DEFECTS EXIST	O 2709
07/25/2002	08/14/2002	08/14/2002	SANFARDINO NEAL	NO DEFECTS	O 5320
09/27/2001	10/09/2001	10/15/2001	SANFARDINO NEAL	NO DEFECTS	O 5320
03/23/2000	09/21/1999	05/09/2000	SANFARDINO NEAL	NO DEFECTS	O 5320
08/24/1999	03/09/1999	09/30/1999	CHUBB GROUP OF INSURANCE CO	NO DEFECTS	5141
02/15/1999	12/01/1998	03/11/1999	SANFARDINO NEAL	NO DEFECTS	O 5320
10/08/1998	05/05/1998	12/02/1998	CHUBB GROUP OF INSURANCE CO	NO DEFECTS	5141
04/08/1998	12/17/1997	05/11/1998	DOLAN ROBERT	NO DEFECTS	O 4230
10/15/1997	06/02/1997	01/30/1998	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
03/05/1997	12/20/1996	06/06/1997	DOLAN ROBERT	NO DEFECTS	O 4230
11/07/1996	12/31/1996	01/22/1997	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
07/29/1996	12/13/1995	01/13/1997	DOLAN ROBERT	NO DEFECTS	O 4230
12/01/1995	12/04/1995	02/05/1996	CHUBB GROUP OF INSURANCE CO	NO DEFECTS	2716
11/08/1995	12/29/1995	02/05/1996	DOLAN ROBERT	NO DEFECTS	O 4230
10/26/1995	10/25/1994	01/25/1996	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
10/11/1994	11/14/1994	02/27/1995	UNFLAT M. MICHAEL	NO DEFECTS	P 792
10/23/1994	05/02/1994	12/16/1994	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
03/25/1994	01/12/1994	06/06/1994	FEDERALINSURANCE CO	NO DEFECTS	2716
12/06/1993	04/27/1992	01/18/1994	UNFLAT MAGNUS	NO DEFECTS	P 792
03/25/1992		07/30/1992	FEDERALINSURANCE CO	NO DEFECTS	2716

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NYC Department of Buildings

Boiler Details

Premises: 525 WEST 52 STREET MANHATTAN **BIN: 1027048 Block: 1081 Lot: 7501**

Boiler-No: 85270 **Serial-No:** 03 **Type:** COMMERCIAL LOW PRESSURE

Boiler Status: ACTIVE **Review Required:**

Filed At: 525 WEST 52 STREET **BIN: 1027048 BBL: 1-01081-07501**

Located in: BASEMENT

Make of Boiler: H.B.SMITH **Year:**

Over6: No **No-of-Boilers:** 03

Fee: Yes **School:** No

INSP-DATE	REC-DATE	ENTRY DATE	NAME	RESULTS	NYS CERTIFICATE
01/23/2012	02/24/2012	07/07/2012	BRENNER IRWIN	NO DEFECTS	P 2041
07/17/2008	12/17/2009	01/07/2010	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5267
03/30/2009	04/20/2009	04/21/2009	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5355
01/31/2007	03/01/2007	07/10/2007	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5162
01/30/2006	04/04/2006	01/04/2007	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5162
09/14/2005	11/04/2005	11/10/2005	THE HARTFORD STEAM BLR INSP INS	NO DEFECTS	5162
11/09/2004	12/29/2004	02/14/2005	MANISCOLCO MICHAEL	NO DEFECTS	O 2709
12/08/2003	12/30/2003	01/12/2004	MANISCOLCO MICHAEL	DEFECTS EXIST	O 2709
07/25/2002	08/14/2002	08/14/2002	SANFARDINO NEAL	NO DEFECTS	O 5320
09/27/2001	10/09/2001	10/15/2001	SANFARDINO NEAL	NO DEFECTS	O 5320
03/23/2000	09/21/1999	05/09/2000	SANFARDINO NEAL	NO DEFECTS	O 5320
08/24/1999	03/09/1999	09/30/1999	CHUBB GROUP OF INSURANCE CO	NO DEFECTS	5141
02/15/1999	12/01/1998	03/11/1999	SANFARDINO NEAL	NO DEFECTS	O 5320
10/08/1998	05/05/1998	12/02/1998	CHUBB GROUP OF INSURANCE CO	NO DEFECTS	5141
04/08/1998	12/17/1997	05/11/1998	DOLAN ROBERT	NO DEFECTS	O 4230
10/15/1997	06/02/1997	01/30/1998	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
03/05/1997	12/20/1996	06/06/1997	DOLAN ROBERT	NO DEFECTS	O 4230
11/07/1996	12/31/1996	01/22/1997	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
07/29/1996	12/13/1995	01/13/1997	DOLAN ROBERT	NO DEFECTS	O 4230
12/01/1995	12/04/1995	02/05/1996	CHUBB GROUP OF INSURANCE CO	NO DEFECTS	2716
11/08/1995	12/29/1995	02/05/1996	DOLAN ROBERT	NO DEFECTS	O 4230
10/26/1995	10/25/1994	01/25/1996	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
10/11/1994	11/14/1994	02/27/1995	UNFLAT M. MICHAEL	NO DEFECTS	P 792
10/23/1994	01/12/1994	12/16/1994	BENDJOUYA MICHAEL	NO DEFECTS	O 1509
12/06/1993		01/18/1994	UNFLAT MAGNUS	NO DEFECTS	P 792

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

Buildings

.gov always open

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Boiler Query

Premises: 525 WEST 52 STREET MANHATTAN **BIN: 1027048 Block: 1081 Lot: 7501**

VIOL	NUM	MD	SER#	STATUS	INSP-DATE	RECV-DATE	NAME
N	85270	N	01	ACTIVE	01/23/2012	02/24/2012	P 2041 BRENNER IRWIN
N	85270	N	02	ACTIVE	03/30/2009	04/20/2009	I 5355 THE HARTFORD STEAM BLR IN
N	85270	N	03	ACTIVE	01/23/2012	02/24/2012	P 2041 BRENNER IRWIN

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

Buildings

always open

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

NYC DEP Boiler Information

Premises: 525 WEST 52 STREET MANHATTAN **BIN: 1027048** **Block: 1081** **Lot: 7501**

Application #: CA012897Z
Type: Registration
Owner: 525 W. 52 St.,LLC- ATT:G. RITTERMAN
Issued: Aug 13, 2008
Expires: Jan 29, 2012
Make / Model: HB SMITH, G-28-A-S-7
Primary Fuel:
Secondary Fuel:
Number of Identical Units: 1

Application #: CA394184P
Type: Certificate to Operate
Owner: APPLE INDUSTRIAL CONDO
Issued: Apr 17, 2006
Expires: Mar 20, 2009
Make / Model: SPENCER 3-100-50
Primary Fuel: NO. 4 OIL
Secondary Fuel:
Number of Identical Units: 1

Application #: CA394284M
Type: Certificate to Operate
Owner: APPLE INDUSTRIAL CONDO.
Issued: May 13, 2010
Expires: Jul 01, 2013
Make / Model: WEIL MCLAIN H 1994
Primary Fuel: NO. 4 OIL
Secondary Fuel:
Number of Identical Units: 1

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

2 July 2013

David Laws
Fire Department of New York City
FDNY Bureau of Legal Affairs
Public Records Unit
9 MetroTech Center, 4th Floor
Brooklyn, New York 11201

Re: Request for review of information
523-531 West 52nd Street
Manhattan, New York, 10019
Langan Project No.: 100396701

Dear Mr. Laws:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting a general records search for the above-referenced property. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

This site which is identified as 523-531 West 52nd Street and is known by the NYC Department of Finance as Block 1801 Lot 7501 is bound to northeast by West 53rd Street, to the northwest by vacant property, to the southwest by West 52nd Street, and to the southeast by a 25-floor mixed use commercial and residential building. The site was most recently used for light industrial purposes as a printing company known as United Envelope Company, Inc. According to information provided for the building, there is an active above ground storage tank within the building that is used to store fuel oil. The Petroleum Bulk Storage number for this tank is ID# 2-337129. According to the title search, the site is currently owned by Archstone Enterprise LP and Avalonbay Communities, Inc.

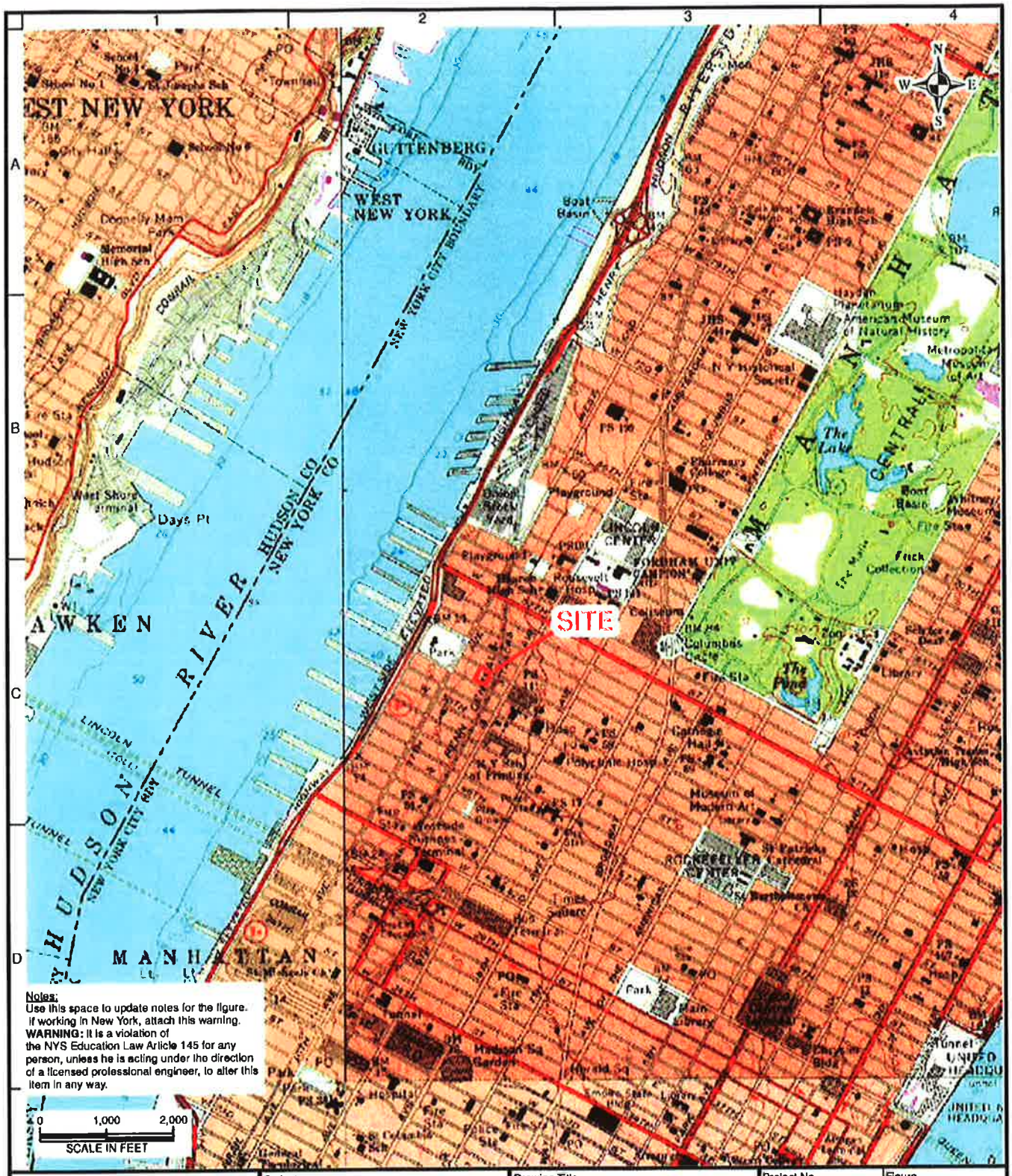
If possible, please fax a response to (201) 794-6913 and send a hard-copy response to my attention at the address listed below. Please contact me at (201) 398-4899 x4276 if there are any questions regarding this request. Thank you in advance for your assistance.

Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Amanda M. Forsburg

Amanda Forsburg
Senior Staff Scientist

AF:cbm
Enclosure(s): Site Location Map, Record Search Request Forms, Check
\\langan.com\data\EP\data7\100396701\Engineering Data\Environmental\Correspondence\FOIL\FDNY.file.review DPC.docx



Notes:
Use this space to update notes for the figure.
If working in New York, attach this warning.
WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless he is acting under the direction of a licensed professional engineer, to alter this item in any way.

LANGAN

River Drive Center 1, 619 River Drive
Elmwood Park, NJ 07407-1338
T: 201.794.6900 F: 201.794.0366 www.langan.com

Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	525 WEST 52ND STREET BLOCK No. 1081, LOT No. 7501 MANHATTAN NEW YORK COUNTY NEW YORK
Drawing Title	SITE LOCATION PLAN
Project No.	100396701
Date	7/1/2013
Scale	1"=2,000'
Drawn By	CBM
Submission Date	7/1/2013
Figure	1
Sheet	1 of 1

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Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\Figure 1 - Site Location Plan.mxd

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Fuel Tank Special Report
Request Form

SECTION A **CUSTOMER INFORMATION**

Please print the required information below.

Langan c/c Amanda Forsburg
Name

619 River Drive Center 1 Elmwood Park
Address

NJ 07407
State Zip Code

201-794-6900
Telephone Number

OFFICE USE ONLY

Cashier / Search No.

PRU Staff
Accepted By/Initials:

Searched By:

Total Amount:

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the **NYC Fire Department** and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.**

SECTION B **FUEL TANK REPORT - FEE $10.00 / PER REPORT**

523-531 West 52nd Street Manhattan
House Number Street Name Borough

- [x] THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS
- [x] THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS
- [x] THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS
- [x] THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS
- [x] MOST RECENT TANK / PIPING TEST RESULTS
- [x] HISTORY OF BURIED TANKS LEAKS

Note: Requests will be responded to within 10 business days.

PR3 (July-08)

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Fire Records Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2681 or 2682

Violation Special Report Request Form

SECTION A **CUSTOMER INFORMATION**

Please print the required information below.

OFFICE USE ONLY

Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

7/1/2013
Date

Langan c/o Amanda Forsburg
Name

619 River Drive Elmwood Park
Address

NJ 07407
Borough, State Zip Code

201-794-6900
Telephone Number

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the NYC Fire Department and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. DO NOT MAIL CASH.

SECTION B **REQUEST VIOLATION REPORT** **FEE $10.00 / PER REPORT**

Please print the required information below.

523-591 West 52nd Street Manhattan
House No Street Name Borough

☒ **EXISTING- ALL NOTICES OF VIOLATION AND VIOLATION ORDERS ISSUED BY THE FIRE PREVENTION**

☒ **EXISTING- ALL SUMMONSES**

Note: This search is limited to outstanding Summonses, Notices of Violation and Violation Orders (VOs) that are reported to be related to a specific address. With respect to VOs this search is limited to VOs issued on January 1, 2008 or thereafter. This search does not contain information on VOs issued by fire companies, unless they were forwarded to the Bureau of Fire Prevention. A requested report will only list the violation numbers. After you have received the Report, you can obtain a copy of any record available for an additional fee of $0.25 (cents) / per page by filling out the copy of violation request form.

Note: Requests will be responded to within 10 business days.

PR4 (April-09)

THIS DOCUMENT HAS INVISIBLE FLUORESCENT FIBERS - VIEW UNDER BLACK LIGHT

JPMorgan Chase Bank, N.A.
New York, NY

10814

1-2
210

CHECK DATE July 2, 2013

LANGAN

ENGINEERING, ENVIRONMENTAL, SURVEYING AND LANDSCAPE ARCHITECTURE, D.P.C.
River Drive Center 1, Elmwood Park, NJ 07407
Tel: 201.794.6900

PAY Twenty and 00/100 Dollars

AMOUNT
$20.00

TO NY City Fire Department

Michael A Sanzaro MP

⑈010814⑈ ⑆021000021⑆ 156375200⑈

MICRO-PRINT SIGNATURE LINE (MAGNIFY TO VIEW)

Christine Madsen

From: Christine Madsen
Sent: Monday, July 01, 2013 6:43 PM
To: r2foil@gw.dec.state.ny.us
Subject: FOIL Request
Attachments: NYSDEC.Region2.file.review DPC.pdf

The following FOIL request is made on behalf of Amanda Forsburg. Thank you in advance for your quick response!

Christine Madsen
Staff Engineer
Direct: 201.398.4899 x4448
Mobile: 551.497.3336

LANGAN
Phone: 201.794.6900 Fax: 201.794.0366
River Drive Center 1
619 River Drive
Elmwood Park, NJ 07407-1338
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT PENNSYLVANIA VIRGINIA FLORIDA CALIFORNIA
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Please consider the environment before printing this e-mail

2 July 2013

Via Email (r2foil@gw.dec.state.ny.us)

Dr. Fawzy I. Abdelsadek
NYSDEC – Region II
1 Hunter's Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

Re: Request for review of information
523-531 West 52nd Street
Manhattan, New York, 10019
Langan Project No.: 100396701

Dear Mr. Abdelsadek:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting a general records search for the above-referenced property. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

This site which is identified as 523-531 West 52nd Street and is known by the NYC Department of Finance as Block 1801 Lot 7501 is bound to northeast by West 53rd Street, to the northwest by vacant property, to the southwest by West 52nd Street, and to the southeast by a 25-floor mixed use commercial and residential building. The site was most recently used for light industrial purposes as a printing company known as United Envelope Company, Inc. According to information provided for the building, there is an active above ground storage tank within the building that is used to store fuel oil. The Petroleum Bulk Storage number for this tank is ID# 2-337129. According to the title search, the site is currently owned by Archstone Enterprise LP and Avalonbay Communities, Inc.

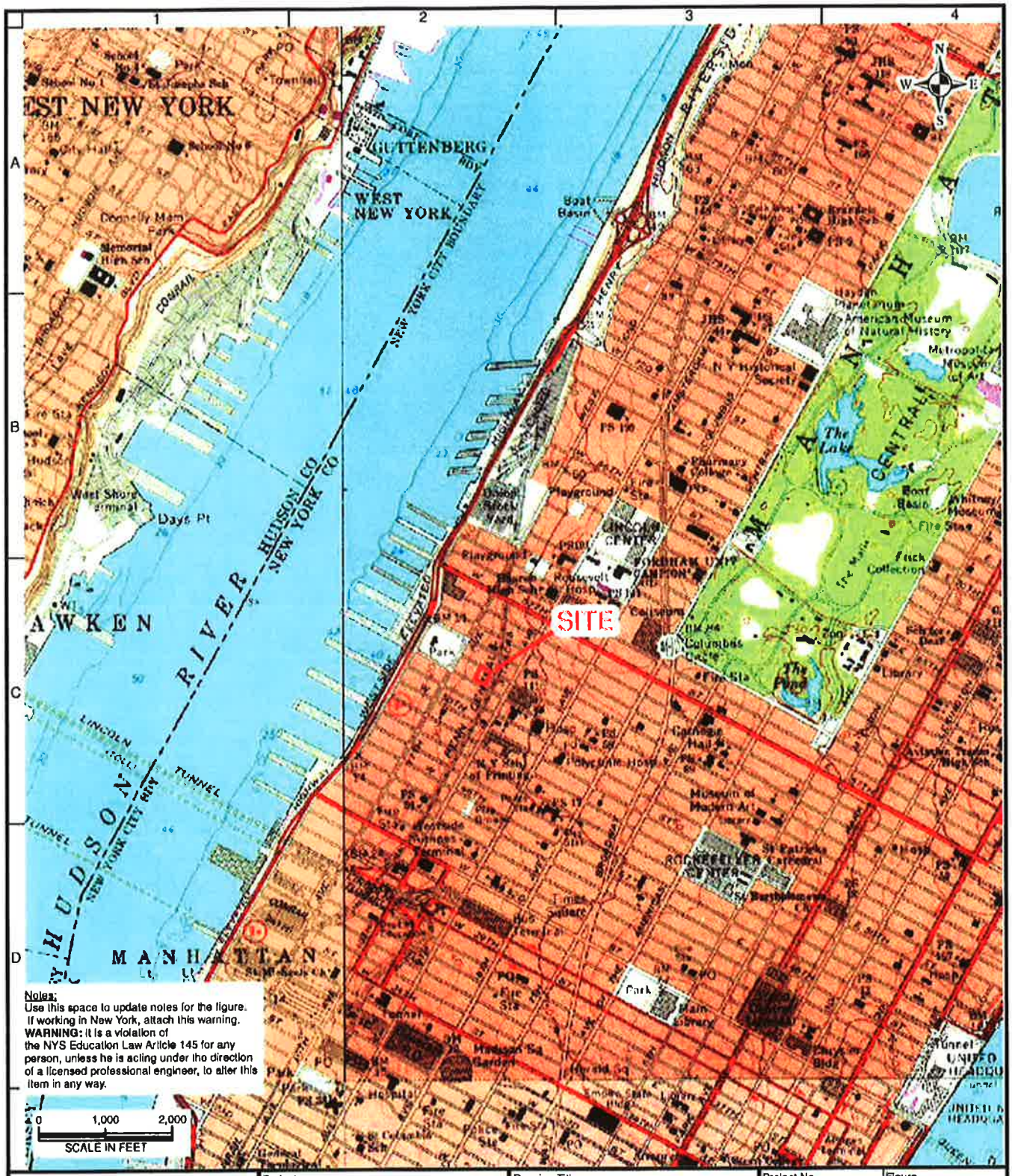
If possible, please fax a response to (201) 794-6913 and send a hard-copy response to my attention at the address listed below. Please contact me at (201) 398-4899 x4276 if there are any questions regarding this request. Thank you in advance for your assistance.

Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Amanda M. Forsburg

Amanda Forsburg
Senior Staff Scientist

AF:cbm
Enclosure(s): Site Location Map, FOIL Records Access Form
\\langan.com\data\EP\data7\100396701\Engineering Data\Environmental\Correspondence\FOIL\NYSDEC.Region2.file.review DPC.docx



Notes:
Use this space to update notes for the figure.
If working in New York, attach this warning.
WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless he is acting under the direction of a licensed professional engineer, to alter this item in any way.

LANGAN

River Drive Center 1, 619 River Drive
Elmwood Park, NJ 07407-1338
T: 201.794.6900 F: 201.794.0366 www.langan.com

Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
525 WEST 52ND STREET
BLOCK No. 1081, LOT No. 7501
MANHATTAN
NEW YORK COUNTY NEW YORK

Drawing Title
SITE LOCATION PLAN

Project No. 100396701	Figure 1
Date 7/1/2013	
Scale 1"=2,000'	
Drawn By CBM	
Submission Date 7/1/2013	Sheet 1 of 1

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Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\Figure 1 - Site Location Plan.mxd

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR ACCESS TO RECORDS

(See Instructions on Reverse Side)

APPLICANT

- **TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:**

I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

Address of Facility or Site (if applicable)
523-531 West 52nd Street
Manhattan, NY

Spill No. (if applicable)_____ Facility ID No. (if applicable) _____

PBS No. (if applicable) ID# 2-337129

Other:_____

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed $ 25.00.

Name (Print or type) Amanda Forsburg Telephone No. (201) 794-6900 Fax No. (201) 794-6913

Company (if applicable) Langan E-Mail Address aforsburg@langan.com

Mailing Address 619 River Drive Center 1 Elmwood Park NJ 07407

Signature Amanda M. Forsburg Date

RECORDS CUSTODIAN

TO APPLICANT:

RECORDS PROVIDED

____ The reproduction costs for the records provided $_____

____ Records have been (partially, fully) provided

(If not provided, date when records are expected to be fully provided:_____)

RECORDS NOT AVAILABLE

____ Records cannot be located after a diligent search ____ The Department is not the custodian for records indicated

RECORDS DENIED

I hereby advise that access to the records, or part of the records, has been denied for the reason(s) checked below:

____ Specifically exempt by another statute

____ Would impair present or imminent contract awards or collective bargaining negotiations

____ Compiled for law enforcement purposes

____ Inter-agency or intra-agency materials that are not:

- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determinations; or
- external audits, including but not limited to audits performed by the comptroller and the Federal government

____ Other exemptions (as applicable)

____ Unwarranted invasion of privacy

____ Trade secrets

____ Could endanger life or safety of any other person

Records Custodian signature_____ Date:_____

Christine Madsen

From: Christine Madsen
Sent: Monday, July 01, 2013 6:43 PM
To: foil@gw.dec.state.ny.us
Subject: FOIL Request
Attachments: NYSDEC.file.review DPC.pdf

The following FOIL request is made on behalf of Amanda Forsburg. Thank you in advance for your quick response!

Christine Madsen
Staff Engineer
Direct: 201.398.4899 x4448
Mobile: 551.497.3336

LANGAN
Phone: 201.794.6900 Fax: 201.794.0366
River Drive Center 1
619 River Drive
Elmwood Park, NJ 07407-1338
www.langan.com

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Practical Experience
Client Responsiveness

2 July 2013

Via Email (foil@gw.dec.state.ny.us)

Ms. Ruth Earl, Records Access Officer
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12207

Re: Request for review of information
523-531 West 52nd Street
Manhattan, New York, 10019
Langan Project No.: 100396701

Dear Ms. Earl:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting a general records search for the above-referenced property. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

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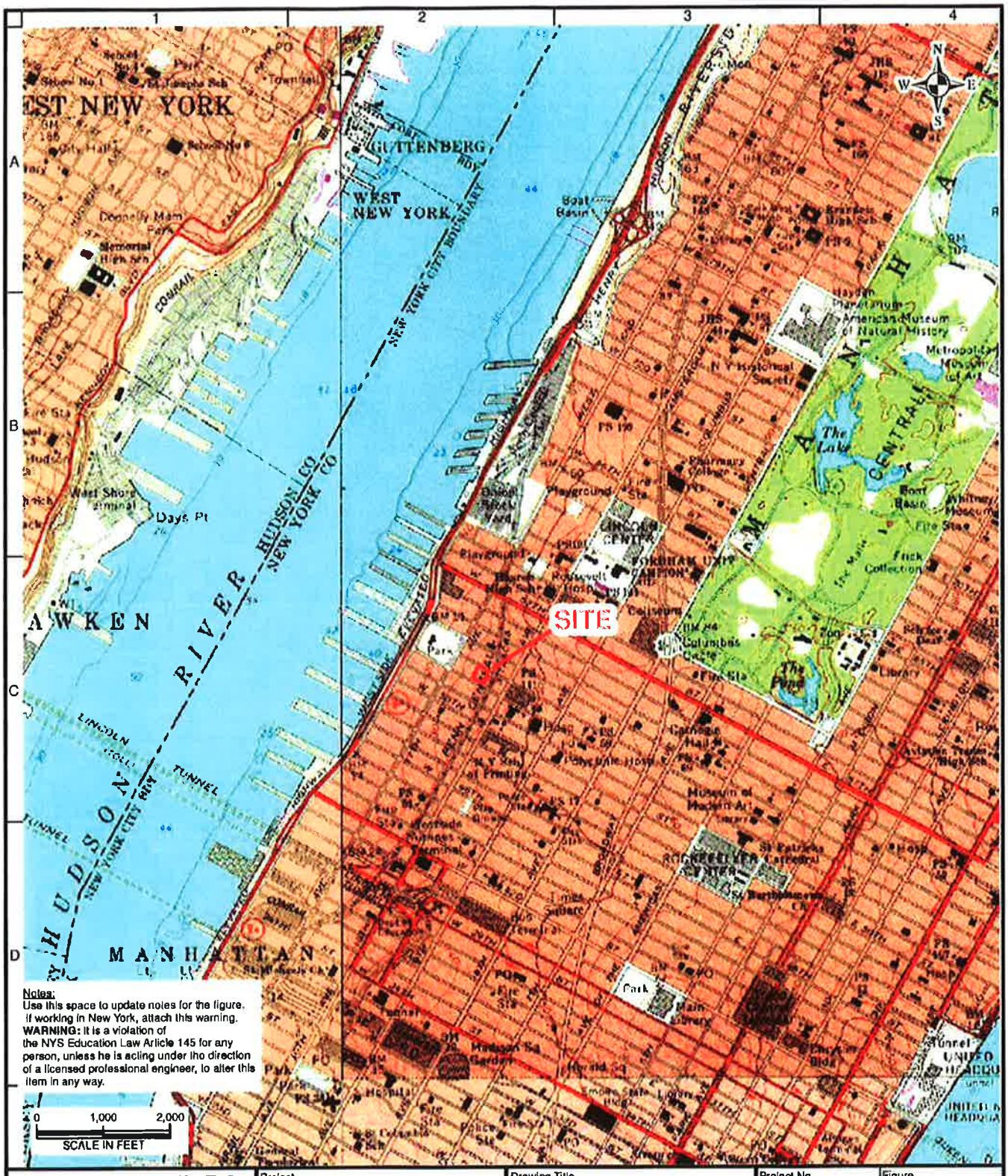
If possible, please fax a response to (201) 794-6913 and send a hard-copy response to my attention at the address listed below. Please contact me at (201) 398-4899 x4276 if there are any questions regarding this request. Thank you in advance for your assistance.

Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Amanda M. Forsburg

Amanda Forsburg
Senior Staff Scientist

AF:cbm
Enclosure(s): Site Location Map, FOIL Records Access Form
\\langan.com\data\EP\data7\100396701\Engineering Data\Environmental\Correspondence\FOIL\NYSDEC.file.review DPC.docx



LANGAN

River Drive Center 1, 619 River Drive
Elmwood Park, NJ 07407-1338
T: 201.794.6900 F: 201.794.0366 www.langan.com

Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project

525 WEST 52ND STREET

BLOCK No. 1081, LOT No. 7501

MANHATTAN

NEW YORK COUNTY NEW YORK

Drawing Title

SITE LOCATION PLAN

Project No. 100396701	Figure 1
Date 7/1/2013	
Scale 1"=2,000'	
Drawn By CBM	
Submission Date 7/1/2013	Sheet 1 of 1

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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Manhattan, NY

Spill No. (if applicable)_____ Facility ID No. (if applicable) _____

PBS No. (if applicable) ID# 2-337129

Other:_____

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Name (Print or type) Amanda Forsburg Telephone No. (201) 794-6900 Fax No. (201) 794-6913

Company (if applicable) Langan E-Mail Address aforsburg@langan.com

Mailing Address 619 River Drive Center 1 Elmwood Park NJ 07407

Signature Amanda M. Forsburg Date

RECORDS CUSTODIAN

TO APPLICANT:

RECORDS PROVIDED

____ The reproduction costs for the records provided $_____

____ Records have been (partially, fully) provided

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____ Unwarranted invasion of privacy

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____ Trade secrets

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____ Could endanger life or safety of any other person

____ Inter-agency or intra-agency materials that are not:

- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determinations; or
- external audits, including but not limited to audits performed by the comptroller and the Federal government

____ Other exemptions (as applicable)

Records Custodian signature_____ Date:_____

Christine Madsen

From: Christine Madsen
Sent: Monday, July 01, 2013 6:41 PM
To: recordsaccess@health.nyc.gov
Subject: FOIL Request
Attachments: NYC.Dept.Health.file.review DPC.pdf

The following FOIL request is made on behalf of Amanda Forsburg. Thank you in advance for your quick response!

Christine Madsen
Staff Engineer
Direct: 201.398.4899 x4448
Mobile: 551.497.3336

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Phone: 201.794.6900 Fax: 201.794.0366
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LANGAN

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Practical Experience
Client Responsiveness

2 July 2013

Via Email (recordsaccess@health.nyc.gov)

Rene Bryant
Records Access Officer
Department of Health and Mental Hygiene
Gotham Center
42-09 28th St., Floor 14th, CN31
Long Island City, NY 11101

Re: Request for review of information
523-531 West 52nd Street
Manhattan, New York, 10019
Langan Project No.: 100396701

Dear Ms. Bryant:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting a general records search for the above-referenced property. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

This site which is identified as 523-531 West 52nd Street and is known by the NYC Department of Finance as Block 1801 Lot 7501 is bound to northeast by West 53rd Street, to the northwest by vacant property, to the southwest by West 52nd Street, and to the southeast by a 25-floor mixed use commercial and residential building. The site was most recently used for light industrial purposes as a printing company known as United Envelope Company, Inc. According to information provided for the building, there is an active above ground storage tank within the building that is used to store fuel oil. The Petroleum Bulk Storage number for this tank is ID# 2-337129. According to the title search, the site is currently owned by Archstone Enterprise LP and Avalonbay Communities, Inc.

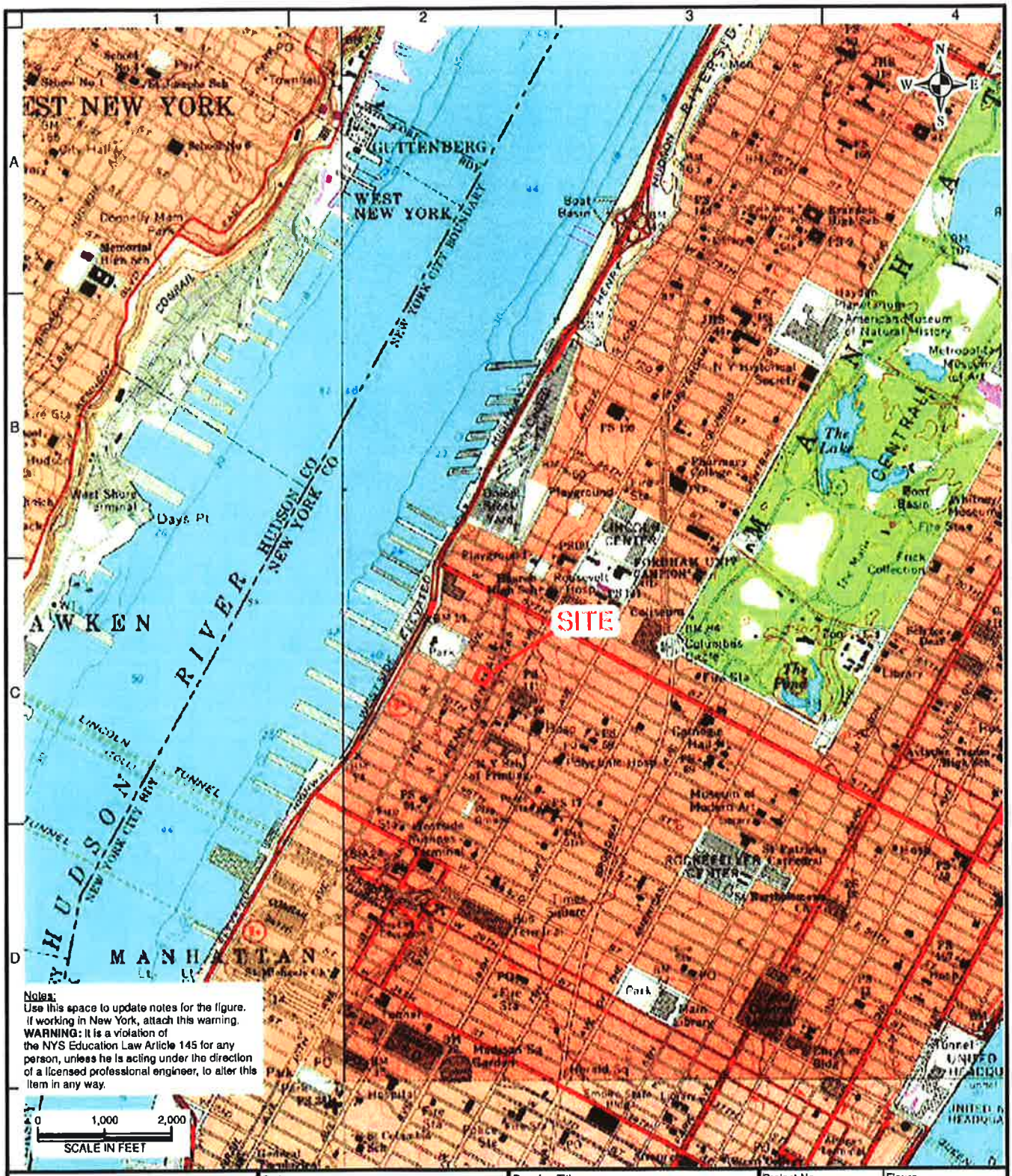
If possible, please fax a response to (201) 794-6913 and send a hard-copy response to my attention at the address listed below. Please contact me at (201) 398-4899 x4276 if there are any questions regarding this request. Thank you in advance for your assistance.

Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Amanda M. Forsburg

Amanda Forsburg
Senior Staff Scientist

AF:cbm
Enclosure(s): Site Location Map
\\langan.com\data\EP\data7\100396701\Engineering Data\Environmental\Correspondence\FOIL\NYC.Dept.Health.file.review DPC.docx



Notes:
Use this space to update notes for the figure.
If working in New York, attach this warning.
WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless he is acting under the direction of a licensed professional engineer, to alter this item in any way.

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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	525 WEST 52ND STREET BLOCK No. 1081, LOT No. 7501 MANHATTAN NEW YORK COUNTY NEW YORK
Drawing Title	SITE LOCATION PLAN
Project No.	100396701
Date	7/1/2013
Scale	1"=2,000'
Drawn By	CBM
Submission Date	7/1/2013
Figure	1
Sheet	1 of 1

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Path: \\langan.com\data\EP\data7\100396701\ArcGIS\ArcMap_Documents\Figure 1 - Site Location Plan.mxd

Christine Madsen

From: Christine Madsen
Sent: Monday, July 01, 2013 6:41 PM
To: Ryan, RoseAnn (RRyan@cityhall.nyc.gov)
Subject: FOIL Request
Attachments: NYC.Environ.Coord.file. review DPC.pdf

The following FOIL request is made on behalf of Amanda Forsburg. Thank you in advance for your quick response!

Christine Madsen
Staff Engineer
Direct: 201.398.4899 x4448
Mobile: 551.497.3336

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Client Responsiveness

2 July 2013

Via Email (rryan@cityhall.nyc.gov)

Dr. Robert Kulikowski, PhD.
New York City Office of Environmental Coordination
100 Gold Street, Second Floor
New York, New York 10038

Re: Request for review of information
523-531 West 52nd Street
Manhattan, New York, 10019
Langan Project No.: 100396701

Dear Dr. Kulikowski:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting a general records search for the above-referenced property. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

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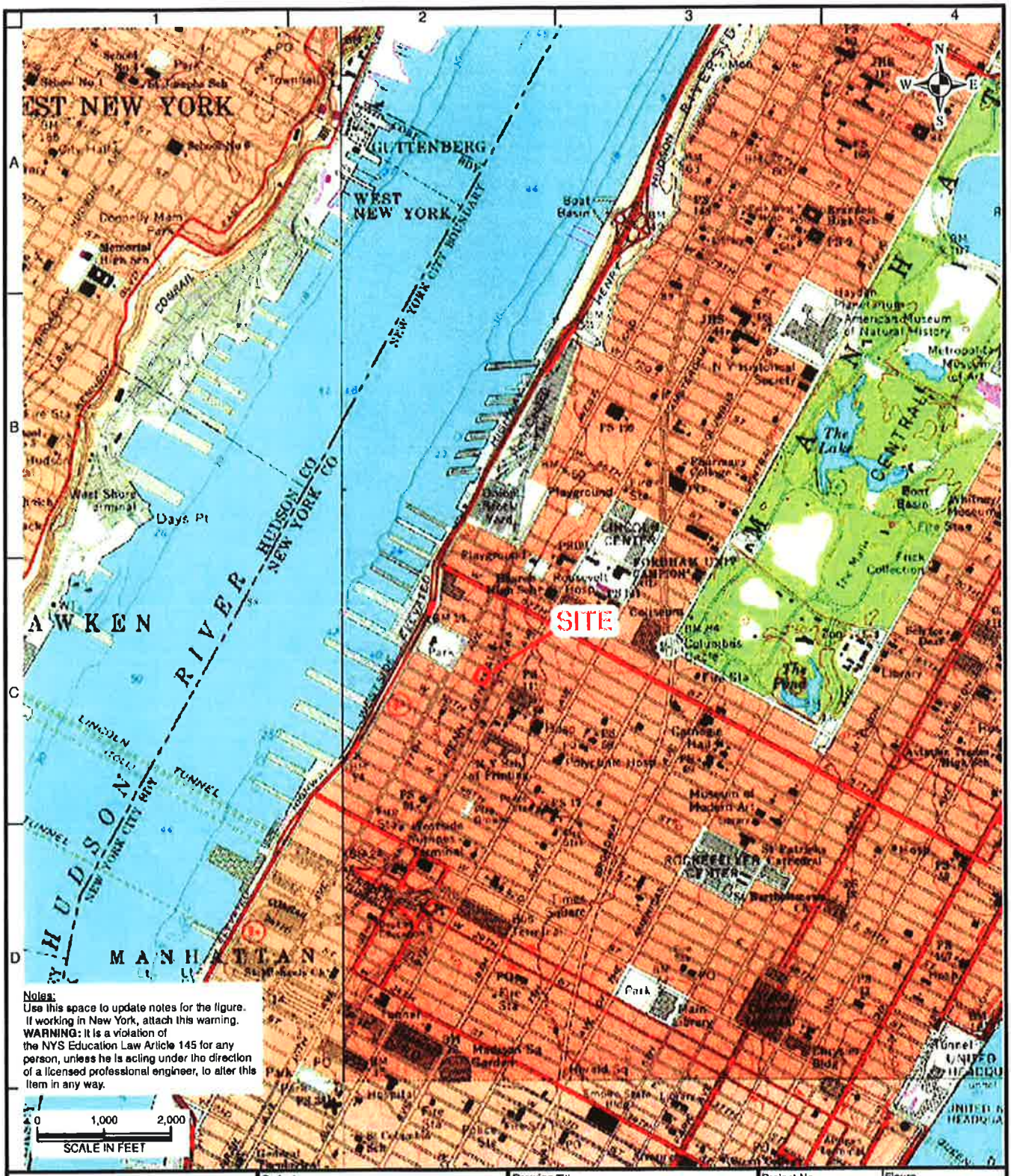
If possible, please fax a response to (201) 794-6913 and send a hard-copy response to my attention at the address listed below. Please contact me at (201) 398-4899 x4276 if there are any questions regarding this request. Thank you in advance for your assistance.

Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Amanda M. Forsburg

Amanda Forsburg
Senior Staff Scientist

AF:cbm
Enclosure(s): Site Location Map
\\langan.com\data\EP\data7\100396701\Engineering Data\Environmental\Correspondence\FOIL\NYC.Environ.Coord.file. review DPC.docx



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Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
525 WEST 52ND STREET
BLOCK No. 1081, LOT No. 7501
MANHATTAN
NEW YORK COUNTY NEW YORK

Drawing Title
SITE LOCATION PLAN

Project No. 100396701	Figure 1
Date 7/1/2013	
Scale 1"=2,000'	
Drawn By CBM	
Submission Date 7/1/2013	Sheet 1 of 1

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Christine Madsen

From: Christine Madsen
Sent: Monday, July 01, 2013 6:42 PM
To: PaulineL@dep.nyc.gov
Subject: FOIL Request
Attachments: NYC.Plan.Assess.Letter.file.review DPC.pdf

The following FOIL request is made on behalf of Amanda Forsburg. Thank you in advance for your quick response!

Christine Madsen
Staff Engineer
Direct: 201.398.4899 x4448
Mobile: 551.497.3336

LANGAN
Phone: 201.794.6900 Fax: 201.794.0366
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2 July 2013

Via Email (PaulineL@dep.nyc.gov)

Pauline Lewis
City of New York Department of Environmental Protection
Office of Environmental Planning and Assessment, 11th Floor
59-17 Junction Boulevard
Flushing, New York 11373

Re: Request for review of information
523-531 West 52nd Street
Manhattan, New York, 10019
Langan Project No.: 100396701

Dear Ms. Lewis:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting a general records search for the above-referenced property. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

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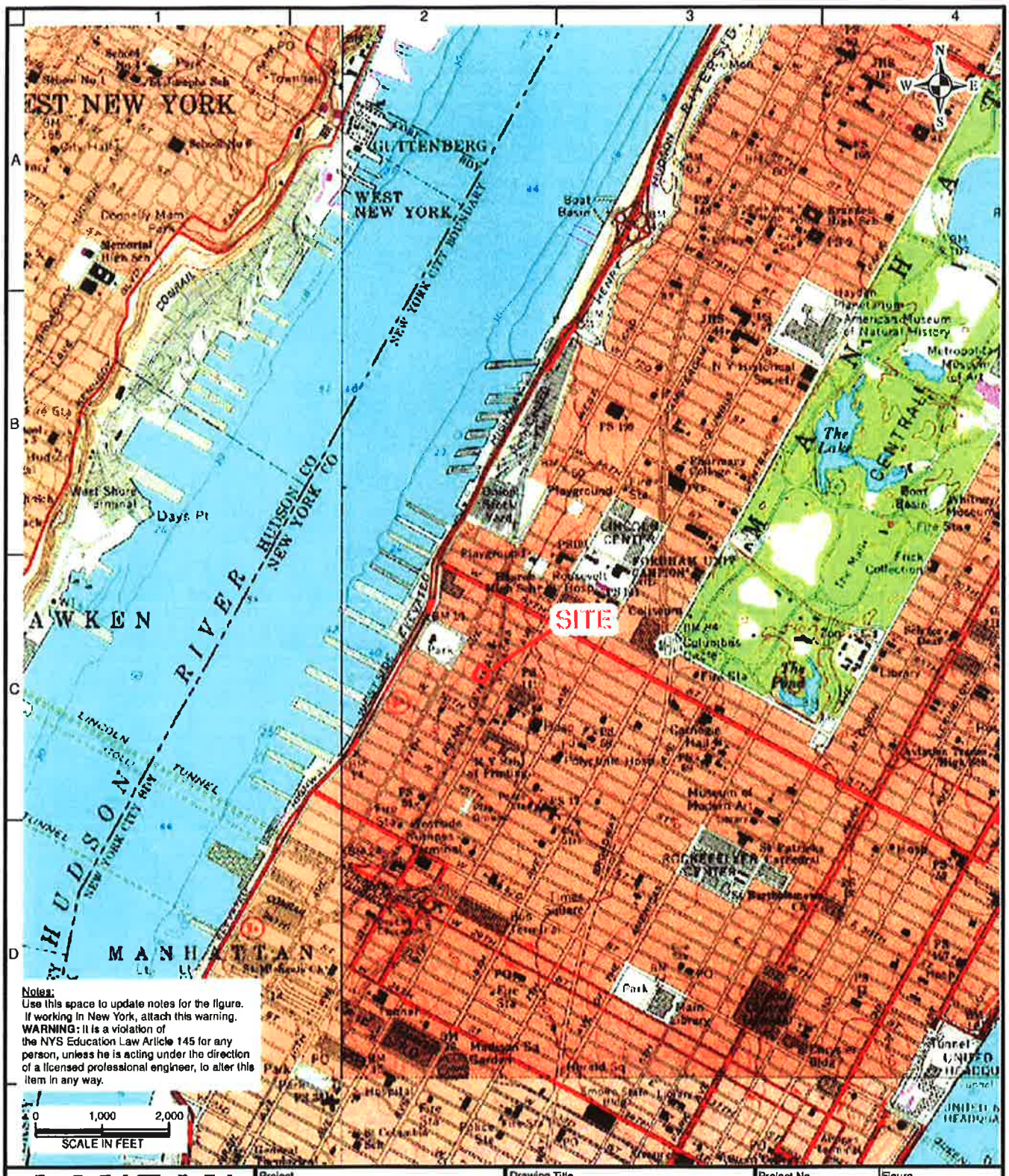
If possible, please fax a response to (201) 794-6913 and send a hard-copy response to my attention at the address listed below. Please contact me at (201) 398-4899 x4276 if there are any questions regarding this request. Thank you in advance for your assistance.

Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Amanda M. Forsburg

Amanda Forsburg
Senior Staff Scientist

AF:cbm
Enclosure(s): Site Location Map
\\langan.com\data\EP\data7\100396701\Engineering Data\Environmental\Correspondence\FOIL\NYC.Plan.Assess.Letter.file.review DPC.docx



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Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	525 WEST 52ND STREET BLOCK No. 1081, LOT No. 7501 MANHATTAN NEW YORK COUNTY NEW YORK
Drawing Title	SITE LOCATION PLAN
Project No.	100396701
Date	7/1/2013
Scale	1"=2,000'
Drawn By	CBM
Submission Date	7/1/2013
Figure	1
Sheet	Sheet 1 of 1

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Christine Madsen

From: Christine Madsen
Sent: Monday, July 01, 2013 6:42 PM
To: foil@parks.ny.gov
Subject: FOIL Request
Attachments: NYS.Hist.Pres.file.review DPC.pdf

The following FOIL request is made on behalf of Amanda Forsburg. Thank you in advance for your quick response!

Christine Madsen
Staff Engineer
Direct: 201.398.4899 x4448
Mobile: 551.497.3336

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2 July 2013

Via Email (foil@parks.ny.gov)

Mr. John A. Bonafide
NYS Office of Parks, Recreation & Historic Preservation
Historic Preservation Field Services Bureau
PO Box 189
Waterford, NY 12188

Re: Request for review of information
523-531 West 52nd Street
Manhattan, New York, 10019
Langan Project No.: 100396701

Dear Mr. Bonafide:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting a general records search for the above-referenced property. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

This site which is identified as 523-531 West 52nd Street and is known by the NYC Department of Finance as Block 1801 Lot 7501 is bound to northeast by West 53rd Street, to the northwest by vacant property, to the southwest by West 52nd Street, and to the southeast by a 25-floor mixed use commercial and residential building. The site was most recently used for light industrial purposes as a printing company known as United Envelope Company, Inc. According to information provided for the building, there is an active above ground storage tank within the building that is used to store fuel oil. The Petroleum Bulk Storage number for this tank is ID# 2-337129. According to the title search, the site is currently owned by Archstone Enterprise LP and Avalonbay Communities, Inc.

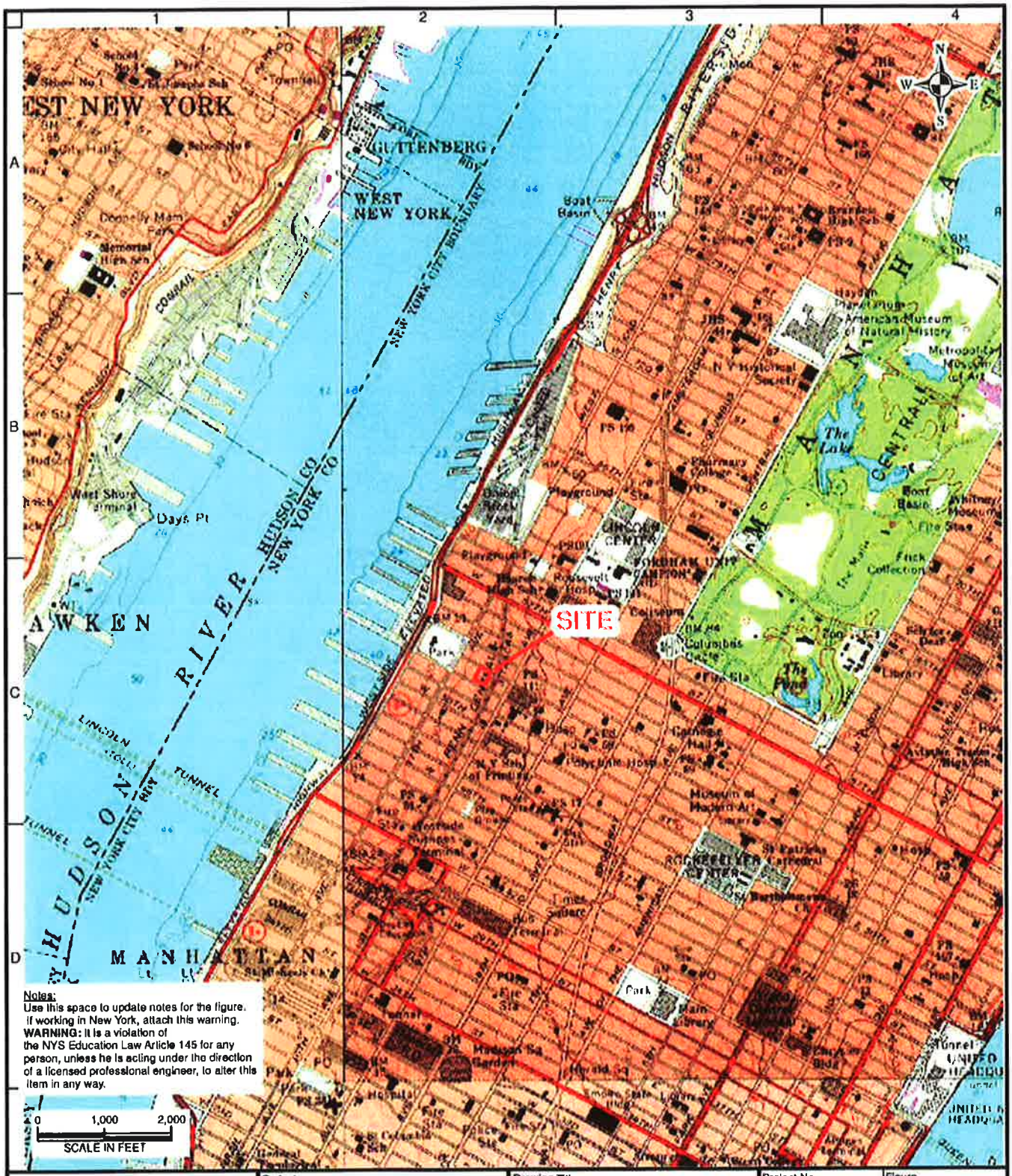
If possible, please fax a response to (201) 794-6913 and send a hard-copy response to my attention at the address listed below. Please contact me at (201) 398-4899 x4276 if there are any questions regarding this request. Thank you in advance for your assistance.

Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Amanda M. Forsburg

Amanda Forsburg
Senior Staff Scientist

AF:cbm
Enclosure(s): Site Location Map
\\langan.com\data\EP\data7\100396701\Engineering Data\Environmental\Correspondence\FOIL\NYS.Hist.Pres.file.review DPC.docx



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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	525 WEST 52ND STREET BLOCK No. 1081, LOT No. 7501 MANHATTAN NEW YORK COUNTY NEW YORK
Drawing Title	SITE LOCATION PLAN
Project No.	100396701
Date	7/1/2013
Scale	1"=2,000'
Drawn By	CBM
Submission Date	7/1/2013
Figure	1
Sheet	1 of 1

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Christine Madsen

From: Christine Madsen
Sent: Monday, July 01, 2013 6:43 PM
To: nathert@gw.dec.state.ny.us
Subject: FOIL Request
Attachments: NYS.Nat.Heritage.Prog.file.review DPC.pdf

The following FOIL request is made on behalf of Amanda Forsburg. Thank you in advance for your quick response!

Christine Madsen
Staff Engineer
Direct: 201.398.4899 x4448
Mobile: 551.497.3336

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2 July 2013

Via Email (nathert@gw.dec.state.ny.us)

Nicholas Conrad
Information Resources Coordinator
NYS Department of Environmental Conservation
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th Floor
Albany, NY 12233-4757

Re: Request for review of information
523-531 West 52nd Street
Manhattan, New York, 10019
Langan Project No.: 100396701

Dear Mr. Conrad:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting information regarding any rare and endangered species and significant, natural communities within a ½-mile radius of the subject property.

This site which is identified as 523-531 West 52nd Street and is known by the NYC Department of Finance as Block 1801 Lot 7501 is bound to northeast by West 53rd Street, to the northwest by vacant property, to the southwest by West 52nd Street, and to the southeast by a 25-floor mixed use commercial and residential building. The site was most recently used for light industrial purposes as a printing company known as United Envelope Company, Inc. According to information provided for the building, there is an active above ground storage tank within the building that is used to store fuel oil. The Petroleum Bulk Storage number for this tank is ID# 2-337129. According to the title search, the site is currently owned by Archstone Enterprise LP and Avalonbay Communities, Inc.

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Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Amanda M. Forsburg

Amanda Forsburg
Senior Staff Scientist

AF:cbm
Enclosure(s): Site Location Map
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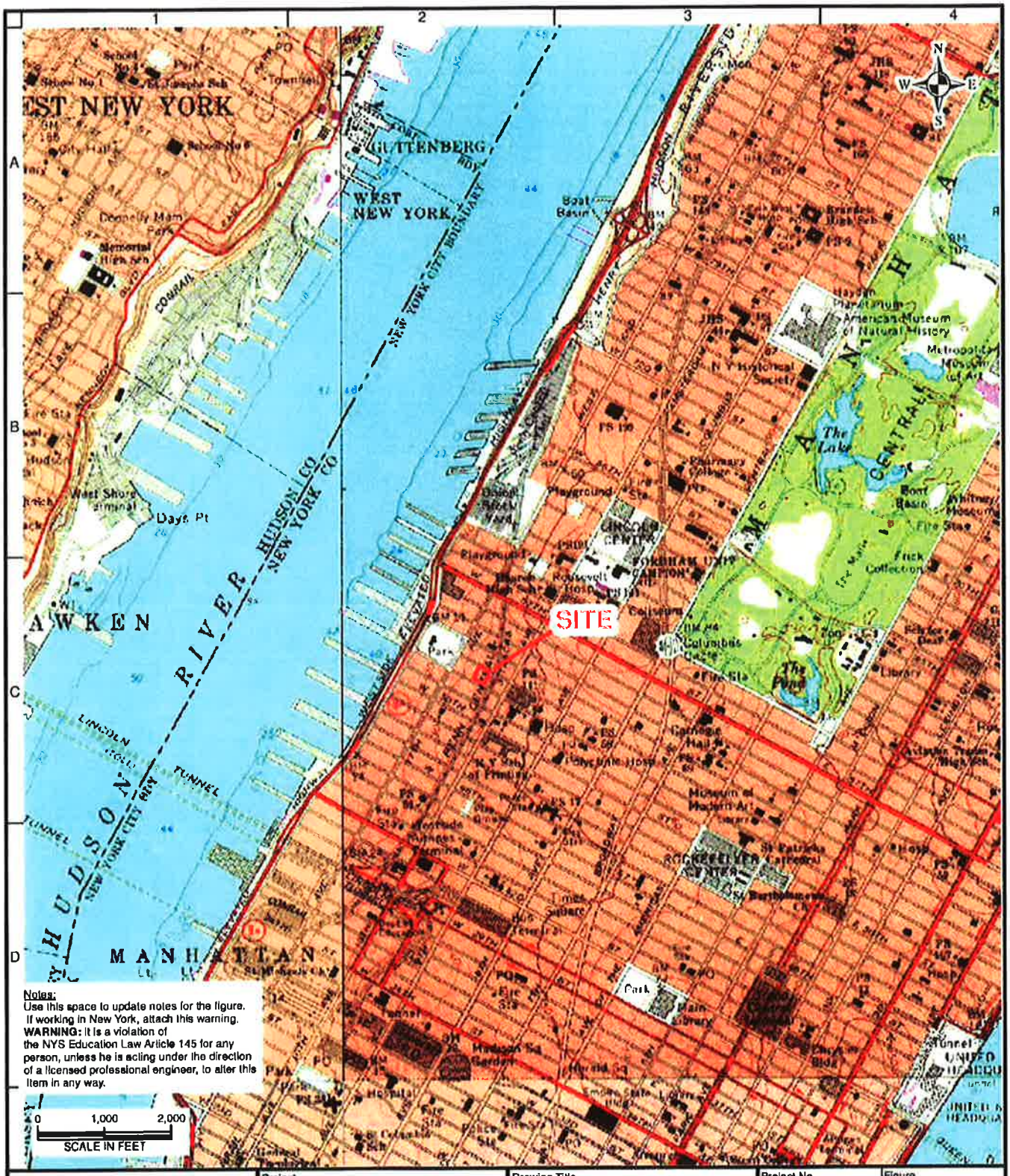

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Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project

525 WEST 52ND STREET

BLOCK No. 1081, LOT No. 7501

MANHATTAN

NEW YORK COUNTY NEW YORK

Drawing Title

SITE LOCATION PLAN

Project No.	100396701
Date	7/1/2013
Scale	1"=2,000'
Drawn By	CBM
Submission Date	7/1/2013

Figure 1

Sheet 1 of 1

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APPENDIX G

SITE PHOTOGRAPHS

LANGAN

Appendix G
Photographic Log
525 West 52nd Street
New York, New York

Photo 1: Subject property facing northeast.

Photo 2: Fuel oil AST in the basement.

Photo 3: Boiler in the basement.

Photo 4: Cut off pipe in the basement.

Photo 5: Former fill port and vent pipe in suspected UST area in the basement.

Photo 6: Sump in the basement.

Photo 7: Sump in the basement.

Photo 8: Trench drain in the basement.

Photo 9: Evidence of former site operations in the floor of the basement.

Photo 10: Elevator pit.

Photo 11: Electric room in the basement.

Photo 12: Dry transformer in the basement.

Photo 13: Storage area in the basement.

Photo 14: Construction equipment and supplies storage in the basement.

Photo 15: Construction equipment and supplies storage in the basement.

Photo 16: Waste oil stored with the construction equipment and supplies in the basement.

Photo 17: Freight elevator.

Photo 18: Ground floor.

Photo 19: First floor.

Photo 20: Water heater on the first floor.

Photo 21: Manufacturing area on the second floor.

Photo 22: Auxiliary office area on the second floor.

Photo 23: Staining in the suspected chemical storage area on the second floor.

Photo 24: Water heater on the second floor.

APPENDIX H

LANGAN RESUMES

CHRISTOPHER McMAHON
Senior Staff Geologist

Environmental Site Assessments
Site Investigation/Remedial Actions
Vapor Intrusion Investigations
Project Coordination
Report Preparation
Environmental Sampling
Subsurface Investigations

EDUCATION State University of New York College at Potsdam; Bachelor of Arts in Geology with Honors in Geology and Environmental Science

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

40-hour Hazardous Waste Operations Training: OSHA 29CFR1910.120
8-hour Hazardous Waste Operations Site Supervisor Training
Red Cross CPR & First Aid Training

YEARS WITH LANGAN: 5

SUMMARY QUALIFICATIONS

In his 11 years experience as a consulting Geologist, Mr. McMahon has worked on projects for commercial, residential, and public facilities in four states including Pennsylvania, New York, New Jersey, and Connecticut, under various EPA, USACOE, PADEP, NJDEP, and NYSDEC programs, as well as, varying client protocols.

These projects have included the completion of Phase I environmental site assessments and the design and oversight of Phase II investigations of soil, sediments, groundwater, surface water, soil gas, and air. These projects have required coordination of records acquisition and environmental sampling, construction/demolition activities, wetland permitting issues, and report submittals with site development plans. Mr. McMahon also has significant field experience including implementation and management of all phases of environmental projects involving soil, sediment, groundwater, surface water, and soil vapor contamination including Phase I inspections, Phase II site investigations, Remedial Investigations, and Remedial Actions.

Many of these projects have included his oversight of remedial actions to clean up or mitigate hazardous waste sites in rural, urban, and industrial settings. These remedial action designs have included in-situ soil remedial injections, contaminated soil removal/disposal management plans, and soil vapor intrusion mitigation systems including advanced vapor barriers and sub-slab depressurization systems.

RELEVANT EXPERIENCE

NYSDEC (Region 7) Site Remedial Investigation
Project Geologist at a former industrial facility in Hillcrest, New York. Responsibilities included installation and sampling of soil gas implants, indoor, and sub-slab air sampling according to NYSDEC and DOH standards. Coordinated and directed junior field staff for the field investigation, directed remedial investigation contractor coordination, and completed preliminary reports.

Former Manufactured Gas Plant Site Remedial Investigation
Project Geologist at a Former MGP site in Geneva, New York. Responsibilities included excavation of test pits, installation of bedrock and overburden monitoring wells, bedrock core logging, borehole geophysical surveys and hydraulic conductivity surveying. Sampling responsibilities included groundwater, soil, surface soil and water, sediment and indoor air. Also responsible for subcontractor coordination.

NYSDEC (Region 2) Superfund Site Remedial Investigation
Project Field Geologist at a former dry-cleaning supplies warehouse in Jamaica, Queens, New York. Responsibilities included supervising subcontractors, collecting soil, groundwater, and soil gas samples for laboratory analysis, coordinating hazardous waste disposal, and vendors, and monitoring air quality to conform with URS health and safety standards. The site was located on a busy commercial parking lot, which required daily coordination with client.

NYSDEC (Region 5) Superfund Site Remedial Investigation
Project Field Geologist at a former HAZMAT fire training area in Whitehall, New York. Responsibilities included supervising subcontractors, collecting environmental samples, conducting slug tests to estimate the hydraulic conductivity of various soil facies. The data collected was used in GIS to predict the rate of contaminant migration, which helped close the site. Coordination of field staff, vendors, and business owners at a neighboring site were essential to the successful completion of this project.

Former Manufactured Gas Plant Site Investigation/Confidential Client
Field Geologist for a bedrock investigation at a former MGP facility in Mechanicville, New York. Responsible for supervision of subcontractors, and collection of environmental samples.

Remedial Investigation of Industrial Facility/Confidential Client
Field Geologist responsible for soil gas survey at a former industrial facility in Batavia, New York. Responsibilities included supervision of junior field staff, set-up and operation of field monitoring equipment, and installation and collection of Gore-sorbers.

OGS Geotechnical Survey for Construction
Field Geologist responsible for conducting a geotechnical investigation at an active medium security prison in Rome, New York. Responsible for supervising subcontractor, coordinating with OGS and collecting geotechnical samples for a construction site.

Report Tabulation/Various Clients
Compile and organize historical soil, groundwater elevations, and groundwater analytical data using Microsoft excel, access, word, adobe acrobat and other software programs. Information is utilized for the construction of maps and cross-sections to evaluate the nature, extent and fate of soil and groundwater contamination. Also Bentley Microstation for the generation of engineering maps.

STEVEN CIAMBRUSCHINI, P.G., L.E.P.
Principal / Vice President

Environmental Site Assessments/Investigations
Demolition/Asbestos Abatement Management
Brownfield Remediation
UST Management

EDUCATION

Montclair State University, New Jersey: M.S. Geology
Montclair State University, New Jersey: M.A. Environmental Science
Cook College, Rutgers University, New Jersey: B.S. Environmental Science

PROFESSIONAL REGISTRATIONS

Underground Storage Tank Certification, New Jersey
AHERA Asbestos Inspector
Professional Geologist - DE, KY
Licensed Environmental Professional - CT

YEARS WITH LANGAN **23**

SUMMARY QUALIFICATIONS

Mr. Ciambruschini has over 29 years experience in hydrogeologic and environmental investigations including management of environmental and geotechnical investigations relating to petroleum and chlorinated solvent spill sites, underground storage tank sites, manufactured gas plant sites, landfills, wastewater treatment facilities and industrial/commercial sites. His experience includes managing environmental compliance audits, remedial investigation, pre-acquisition due diligence and permitting assessment, feasibility studies and design, construction and operation of complex innovative remediation systems to treat, contain and recover contaminated soil and groundwater. These projects are managed under various NJDEP, PADEP, NYDEC, NYCDEP and CTDEP programs. Mr. Ciambruschini provides consultation to a diverse group of clients including private developers, utilities, retail and industrial facilities and is expert in assessing remediation options and funding options under various state and federal grant, loan and tax reimbursement programs including Brownfield programs.

RELEVANT EXPERIENCE

Former Petroleum Refinery - Nassau County, New York (Brownfield) – Senior Project Manager for remediation of a former oil storage and distribution facility on a 15-acre site to allow for retail redevelopment. Remedial investigation including conventional soil and groundwater drilling and sampling programs to assess the extent of shallow petroleum and deep chlorinated volatile organic contamination, aquifer testing and assessment of tidal influence on groundwater flow and nutrient concentrations in groundwater, geophysical assessment of stratigraphic zones and contaminant pathways and pre-design assessment of physical and chemical soil properties. Remedial design and pilot testing for oil recovery from an upper aquifer zone included biosparging in conjunction with separate phase groundwater recovery and remediation for an underlying sand unit included chemical oxidation in conjunction with biosparging/biotreatment as a polishing stage. Design of a multi-layered sub-slab soil venting and monitoring system was also conducted to allow for future site reuse.

Unilever USA - New Jersey (State Hazardous Waste Sites, RCRA, ISRA) – Conducted and designed remedial investigations that included soil and groundwater sampling, geophysical surveys, CPT, aquifer testing and ecological risk assessment (sediment sampling and bioassay) to assess impacts to glacial lacustrine sediments and fractured bedrock (along the Ramapo Fault) in former UST, lagoon and manufacturing areas of former pharmaceutical and textile plants. Designed cost effective biosparging and nutrient recirculation systems to address the presence of petroleum and chlorinated solvent impact to soil, groundwater, surface water and onsite wetlands and coordinated wetland permitting to allow for excavation and mitigation of impacted wetland areas. Innovative technologies including thermal treatment and biosparging have been utilized or proposed to address deep, compact soils while conventional techniques including deep excavation using sheeting and dewatering have been conducted to address more accessible impacted areas. Data management tools including EQUIS, GIS and GINT are utilized to manage data generated from on going sampling of over 40 monitoring wells and operation and monitoring of various remediation systems.

Pan Graphics – Bergen County, New Jersey (ISRA) – Senior project manager for investigation and remediation of a former chromium plating facility. Detailed investigation of chromium impacts to soil, groundwater and onsite structures and completion of remediation using insitu injection of calcium polysulfate to address onsite contamination. Offsite investigation conducted to assess impacts to subsurface utilities and adjoining residential buildings. Offsite receptor survey and risk assessment completed and remedial alternatives currently being evaluated.

New Jersey Turnpike – Various Sites - Senior project manager for General Environmental Services contract for the New Jersey Turnpike and Garden State Parkway. Key completed projects included sampling and risk assessment survey of air quality at toll booths along facility roadways; training, permitting and coordination associated with the NJ Stormwater Quality Regulations for Roadway and Maintenance facilities; Remedial Investigation and development of Remedial Alternatives for a former landfill and tar manufacturing site located along the Turnpike; development of a environmental permitting guide for use by all NJ Turnpike employees to determine permitting requirements and schedules for roadway projects, numerous underground storage tank closures at office and maintenance facilities; and natural resource permitting including threatened and endangered species surveys, wetlands surveys and permitting and Pinelands permitting at multiple facilities.

Watermark North Bergen, New Jersey (Voluntary Cleanup) - Completed remedial investigation, development of soil management and Health and Safety Plans and associated monitoring and submittals documenting implementation of engineering and institutional controls at a residential development completed on impacted fill material. Coordination with Langan's geotechnical and civil engineering disciplines was required in order to maximize soil reuse options, properly manage impacted groundwater during construction (design of waterproof subsurface building areas) and document site wide cap within a Remedial Action Report. Biennial Certification is currently being conducted to document maintenance of the site wide engineering control.

Flintkote Site, East Rutherford, New Jersey (Voluntary Cleanup) - Investigation and Remediation of a former asphalt roofing manufacturing facility. Investigation included subsurface investigation within and outside of existing building to delineate the extent of tar impacted soil and groundwater, geophysical investigation to assess the presence of USTs, delineation of contamination associated with large ASTs and subsurface holding tanks and associated piping. Asbestos and lead-base paint surveys of the existing building was also completed. Remediation

including removal of No. 6 fuel oil USTs, soils impact by PCBs, metals and dioxin, and containment of NAPL associated with discharges of No. 6 oil and roofing tar.

Liberty Science Center, New Jersey (EO 215) – Completed Environmental Assessment Survey (EAS) and Preliminary Assessment and Site and Remedial Investigation of a former landfill and railyard facility in conjunction with initial construction and subsequent expansion of the LSC facility. Completion of soil management plan and oversight of soil management and health and safety monitoring associated with onsite reuse and capping of impacted soil during construction. Designed and provided installation oversight of a subslab methane venting system for the building expansion and submitted Remedial Action Reports and subsequent certifications of engineering controls during various phases of construction.

Con Edison Appendix B Spill Sites - This program includes investigation and remediation of spills of dielectric and fuel oil feeder lines throughout NYC. Detailed assessment using geophysical surveys, mapping, and drilling techniques to assess the location of utility corridors below heavily trafficked roadways and contaminant migration pathways is conducted and coordinated with various city agencies including MTA, DOL, and NYCDOB. Langan has designed, installed, maintained and operated oil recovery systems and coordinated cleanup of dielectric fluid spills into subsurface structures including subways within and below the most heavily traveled roadways in Manhattan. Under Langan's guidance, fifteen sites have been assessed, remediated and cases closed by NYSDEC. Numerous product recovery systems are currently being operated and continue to recover hundreds of gallons of oil impacted groundwater via cost efficient skimming and recovery methods.

Blue Back Square - West Hartford, CT (UST, Transfer Act, Brownfield) - Project manager responsible for environmental engineering for the urban redevelopment of downtown West Hartford at a former automobile repair garage. BBS is a million square foot mixed-use development consisting of residential, office, retail, municipal parking garages, public buildings and public spaces. In order to allow for site redevelopment, Langan was tasked with delineated the extent of impacted soil and groundwater in the area of underground storage tanks, hydraulic lifts, former repair and painting areas and floor drains and designing an implementing a soil management plan during construction to allow for reuse of geotechnically suitable soils below proposed building areas. In addition to coordination of health and safety and soil reuse requirements during site work, Langan provided required documentation of remediation (soil excavation, disposal and reuse) as the Licensed Environmental Professional for the project and designed and is currently implementing a groundwater monitoring program in conjunction with permitting for building sump designs for discharge in impacted groundwater and use of sub-slab venting systems to address volatilization of contaminants from groundwater into buildings to allow for continued use of the site.

Former MGP Site – Brooklyn, New York (VCP Site) – Project director responsible Site activities including installation of test borings and monitoring wells, excavation of petroleum impacted soils, pilot testing of vapor extraction and thermal remediation technologies were conducted to address contamination at a former Brooklyn Union Gas site. Langan is currently assessing remediation options, vapor collection/treatment, and long-term ground water monitoring requirements in former gas-holder areas to allow for construction of retail buildings.

Stop & Shop – Emerson, New Jersey - Project director responsible for Preliminary Assessment, Site and Remedial Investigation and Remedial Action of a former dry cleaning, metals plating and maintenance facility. Investigation included soil and groundwater assessment and geophysical surveys and remediation included removal of underground storage tanks, subsurface holding tanks and conveyance piping and demolition and decontamination of former building structures. Groundwater monitoring is currently being conducted in accordance with a CEA to assess both onsite and offsite TCE concentrations.

Brooklyn Law School – Brooklyn, New York (DEC Spill Response Site) – Conducted pre-construction Site/Remedial Investigation activities to assess the extent and impact of petroleum spills from past dumping and underground storage tank discharges. Investigation activities included completion of test pits, test borings and monitoring wells, and review of previous, existing, and proposed site topographic conditions to assess extent of contaminated fill materials, native soil and soil disposal/reuse options.

Greenwich Street Site – Manhattan, New York (DEC, DEP Spill Response Site) – Conducted Preliminary Assessment and Site/Remedial Investigation activities to assess the type and extent of petroleum and chlorinated solvent contamination resulting from past spills from former USTs, fuel oil feeder lines and dry wells at historical garage, industrial and residential facilities. Site Investigation and Remedial Investigation Workplans and Reports and a Health and Safety Plan for proposed site construction were prepared by Langan for submittal to NYSDEC – Division of Environmental Remediation, NYCDEP and the NYC Bureau of Standards and Appeals. A Remediation Plan including hot spot excavation, soil reuse and site capping was approved to these agencies based on a risk-based remedial alternatives analysis.

Proposed Supermarket Sites – North White Plains and White Plains, New York (WCHD Lead Sites) – Conducted site investigations consisting of soil and groundwater sampling at former dry cleaners, auto dealership and repair shop sites to assess impacts of discharges of petroleum contamination from underground storage tanks and hydraulic lifts and feeder lines and of chlorinated solvents from dry cleaning and degreasing operations. Remedial activities included UST removals, and soil excavation and offsite disposal. No further action recommendations were approved by the Westchester County Health Department regarding petroleum releases. Ongoing ground water monitoring is currently being conducted as part of a Voluntary Cleanup Agreement with NYSDEC.

Dayton Plaza – Queens, New York (Inactive Hazardous Waste Site) – Completed Site and Remedial Investigation activities including a completion of test borings and monitoring wells, air sampling to assess contaminant volatilization issues, geoprobe sampling and a tidal elevation survey to assess the extent of chlorinated solvent contamination resulting from past discharges from a dry cleaners. Designed, installed and operated an air sparing/soil vapor extraction system to address elevated levels of tetrachloroethene and vinyl chloride in ground water. The site is currently listed as a Classification 2 Inactive Hazardous Waste Site. As operation of the SVE/AS system has resulted in decreasing contaminant concentrations in soil and ground water, a petition for reclassification has been filed.

Former Macy's Facility – Bloomfield, New Jersey (Voluntary Cleanup – Asbestos/Demolition) Managed/coordinated Remedial investigation and Remedial Action activities to address areas of concern including underground storage tanks and past discharges of chlorinated solvents. Prepared demolition/asbestos specifications for a 500,000 ft^2 building and managed air monitoring and demolition/construction activities relating to the former building and proposed retail building.

Stop & Shop/Edwards Food Stores – Retail/Supermarket Development – Various projects in New Jersey, New York, Pennsylvania and Connecticut requiring completion of Phase I and Phase II Assessments prior to proposed site redevelopment. Coordination and oversight of Remedial Investigation and Remedial Action activities including underground storage tank removals, asbestos abatement, and lead-based paint abatement. Preparation/submittal and review of cleanup plans and bid specifications for completion of investigation/abatement activities and for review by local/ state/federal agencies under voluntary cleanup, Brownfields, Underground Storage Tank, Property Transfer Act, and Environmental Quality Act regulations.

Rubin Organization/Retail Facility, Warrington, Pennsylvania – (Pre-construction Surveys) – Conducted Phase I and Phase II investigations addressing issues including underground storage tanks, asbestos abatement and building demolition. Prepared Hydraulic Investigation regarding surface water drainage issues and impact to groundwater concerns regarding karstic terrain.

Westwood Linen Company, Westwood, New Jersey (Voluntary Cleanup – Demolition/ Redevelopment) Completion of Phase I Assessment, Remedial Investigation and Remedial Action activities at a 70 year old laundry/dry cleaner facility. Remedial investigation activities included aquifer testing and delineation of chlorinated solvents in groundwater, delineation of pesticide contaminated soil and an assessment of impacts to onsite and offsite ecological receptors (wetlands). Remedial Action included excavation, offsite disposal and site restoration of a large area of pesticide contaminated soil. Coordination with site developer and lenders regarding asbestos abatement, tank removals and well abandonment for proposed site redevelopment.

Halby Chemical Sites, Delaware (CERCLA) - Field operations leader responsible for implementation of sampling operations and sampling QC. Preparation of Preliminary Assessment Report and review of Ecological Risk Assessment issues.

Scientific Chemical Processing, Carlstadt, New Jersey (CERCLA) - Onsite contractor coordination for site remediation associated with HDPE liner installation.

Norton-Chemplast, Wayne, New Jersey (ISRA, BUST, NJPDES) - Field investigation and preparation of remedial investigation reports for ISRA investigation of Teflon manufacturing facility. Soil remediation, UST removal, groundwater plume delineation of chlorinated solvents, and aquifer testing completed. Designed and implemented a seismic refraction survey to assess subsurface conditions relative to transport of chlorinated solvents in unconsolidated and bedrock aquifers.

NJ Transit, Lakewood Bus Garage (BUST) - Test borings and monitoring wells completed as part of a subsurface investigation of former underground storage tanks and past discharges from hydraulic lifts. Preparation of RI/RAW for soil and groundwater remediation which included an assessment of innovative technologies to address under-building contaminants. Provided information in RI/RAW for incorporation of petroleum contaminants detected onsite into a site wide Classification Exemption Area.

Norton-Chemplast, Wayne, New Jersey (ISRA) – Preliminary Site Assessment, field investigation and report preparation for a soil and groundwater ISRA investigation of the Nylon 6 casting facility. Design and Implementation of seismic refraction survey to assess bedrock topography and impact on migration of chlorinated solvents.

Wallace & Tiernan - Pennwalt, Belleville, New Jersey (ISRA and BUST) - Field investigation and report preparation for an ISRA investigation of a 70 year old chlorinator manufacturing facility. Areas of environmental concern include fourteen underground storage tanks, drum storage areas, and plating room blow-down. Tank removals and abandonment, asbestos surveys, soil and groundwater remediation completed under ISRA and UST regulations. Groundwater monitoring and assessment of remediation options is ongoing.

S.B. Thomas Depot, Metuchen, New Jersey (BUST) – Completion of a Remedial Investigation to assess the impact of petroleum product discharge from three underground storage tanks to soil and groundwater. Submitted a Remedial Action Work Plan which included a Natural Remediation Compliance Program and a Request for Classification Exemption Area.

County of Sussex, New Jersey (BUST, MOA) - Completion of Phase I Assessment, oversight and coordination of underground storage tank removals, soil investigation of chemical fire pits and debris piles, and waste classification and disposal activities. Investigations conducted under Memorandum of Agreement and NJDEP Landfill Disruption Permit.

Phase I Environmental Assessments - Approximately 100 projects throughout New Jersey, New York, Pennsylvania, Connecticut and Washington.

Branson Ultrasonics, Shelton, Connecticut - Evaluation and determination of local geologic and hydrogeologic conditions to assess pathways of groundwater contamination. Field investigations included installation of bedrock monitoring wells and collection of oriented core samples.

Pierson's Creek, Newark, New Jersey - Development and implementation of a sediment sampling plan designed to assess contaminant concentrations in Pierson's Creek, health and safety protocol and remediation options for sediment treatment/disposal.

ADDITIONAL TRAINING AND SHORT COURSES

Hazardous Waste Site Training, OSHA 29 CFR 1910.120(e) certification
Permitting Hazardous Waste Disposal Facilities: USEPA
Operation and Maintenance of Wastewater Treatment Facilities: Rutgers University
Groundwater Pollution and Hydrology: Rutgers University
Underground Storage Tank Remediation Technology and Regulation Seminars: USEPA/NJDEP
Diagnostic Inspection Workshop for Wastewater Treatment Facilities: USEPA
Remediation of NAPL Contaminated Sites: Stevens Institute of Technology
NJDEP Technical Regulations Seminar
Natural Attenuation of Chlorinated Solvents – LEP Required Course
Statistics for Environmental Professionals – LEP Required Course

STEVEN CIAMBRUSCHINI, P.G., L.E.P.
Principal / Vice President

PROFESSIONAL AFFILIATIONS

National Ground Water Association, Association of Ground Water Scientists and Engineers
American Association of Petroleum Geologists
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July 3, 2012

Ms. Alissa Mitrisin
Clinton Housing Development Company
403 West 40th Street
New York, NY 10018

Re: Phase I Environmental Site Assessment
530-548 West 53rd Street, 525 West 52nd Street, and 543 West 52nd Street
New York, NY
AKRF Project Number 11057

Dear Ms. Mitrisin

AKRF, Inc. is pleased to submit this Phase I Environmental Site Assessment Report for the properties located at 530-548 West 53rd Street, 525 West 52nd Street, and 543 West 52nd Street, New York, NY (Tax Block 1081, Lot 7501 and a portion of Lot 1). This report includes the findings of a reconnaissance of the Site and an evaluation of readily available historical information and selected environmental databases and electronic records. AKRF, Inc. met the requirements of American Society for Testing and Materials (ASTM) as established by ASTM Standard E1527-05 unless noted otherwise in Section 7.0: "Limitations and Data Gaps".

We appreciate the opportunity to provide you with our services. If you should have any questions or comments regarding the enclosed report, please do not hesitate to contact us.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

Neoma Chefalo
Environmental Scientist

EXECUTIVE SUMMARY

AKRF, Inc. (AKRF) was retained by the Clinton Housing Development Company (CHDC) to perform a Phase I Environmental Site Assessment of the Site located at 530-548 West 53rd Street, 543 West 52nd Street, and 525 West 52nd Street New York, NY (the Site). The Site is also identified as Tax Block 1081, Lot 7501 and a portion of Lot 1. At the time of the reconnaissance, the on-Site portions of Lot 1 contained: a four-story commercial building with a ground floor auto body repair shop with an adjacent gravel-lined parking lot (548 West 53rd Street), an asphalt-paved parking lot with a wooden storage shed (542-544 West 53rd Street), a one-story auto body repair garage (540 West 53rd Street), an undeveloped lot used for the staging of construction equipment (530-538 West 53rd Street), and a small vacant lot (543 West 52nd Street). Lot 7501 contained a seven-story commercial/office building formerly used for printing operations (525 West 52nd Street).The Site was located in a mixed-use area - residential, commercial, institutional, and industrial uses including some automotive uses.

This Phase I Environmental Site Assessment was performed in conformance with ASTM Standard E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*. Any exceptions to, or deletions from, this practice are described in Section 7.0. The term "Recognized Environmental Condition" means the presence or likely presence of hazardous substances or petroleum at the Site, including the ground, groundwater, or surface water at or under the Site.

This assessment revealed evidence of Recognized Environmental Conditions (RECs). A summary of the findings is as follows:

On-Site RECs

- A review of Sanborn maps and Building Department files indicated historical on-site uses included: multiple auto repair shops, a metal works, a bottling works, a chemical works, a plastics manufacturer, a sheet metal works, a printing facility with a gasoline tank, and a lumber yard. The Site currently includes two auto body repair shops with painting operations, a storage shed, and a commercial/office building formerly used for printing operations and manufacturing. Historical/current uses may have affected the Site subsurface. Potential buried structures from former on-site buildings, possibly containing petroleum underground storage tank (USTs), and/or historic fill of unknown origin, could be present beneath the Site.
- The 525 West 52nd Street address was listed in the regulatory databases as a generator of hazardous wastes for the production of waste streams including ignitable wastes, corrosive wastes and silver associated with former printing operations. This address was also listed on the New York State Department of Environmental Conservation (NYSDEC) Spills database with two closed regulatory status spills (though one appeared to actually relate to an off-Site address) including a release of approximately 25 gallons of transformer oil within a subterranean transformer vault in 2000 that was subsequently cleaned and closed. Historic activities at this facility may have affected the Site subsurface.
- A limited subsurface investigation conducted at 525 West 52nd Street in 2010 identified magnetic anomalies beneath the southern portion of the basement (indicating the potential presence of USTs). Soil and groundwater sampling identified elevated concentrations of semi-volatile organic compounds (SVOCs) and slightly elevated concentrations of metals (zinc and mercury) in soil; and some elevated concentrations of SVOCs in groundwater samples collected from the boiler room and from the southeastern portion of the basement in an area of observed surface staining.
- Apparent drainage structures of an unknown configuration were noted throughout 525 West 52nd Street building. The results of a limited subsurface investigation conducted in 2006 indicated that

these were connected to the municipal sewer system, with the possible exception of two sump pits, three floor drains, and one trench drain located in the basement, that were clogged at the time of the investigation (preventing a determination of their connections), and therefore may allow discharge to the subsurface.

- Portions of the Site (530-538 West 53rd Street and 543 West 52nd Street) were covered with soil likely associated with excavation activities at the adjacent ongoing construction site that may comprise uncontrolled urban fill materials. While no signs of contamination were noted, the quality of this soil is unknown, as former uses of the construction site included industrial/automotive operations including metal works and auto repair shops.

On-Site Issues that are not considered RECs

- During the reconnaissance, a vaulted 7,000-gallon No. 2 fuel oil aboveground storage tank (AST) was observed within the basement of 525 West 52nd Street. This tank is registered under the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage (PBS) with ID# 2-337129. Minor staining was observed on the tank exterior and on the vault room floor, but no evidence of a significant release was noted. Two approximately 500-gallon No. 2 fuel oil ASTs were observed within the basement of 538 West 53rd Street that were used to fuel the building's boiler. No significant stains or odors were noted in connection with these tanks.
- A closed status spill was listed for 546 West 53rd Street (corresponding to the northern portion of the Site) relating to a Consolidated Edison generator plant noted as being located on the East River that appears to be associated with an off-site location with an erroneous address listing, and therefore is not considered a REC.
- Suspect asbestos-containing materials (ACMs) were observed during the reconnaissance, including resilient and ceramic floor and wall tile and associated mastic, pipe insulation, duct insulation, electrical panel partitions, electrical insulation, ceiling tile, wallboard, plaster, joint compound and roofing materials in good to poor condition. A 2010 limited asbestos survey conducted at 525 West 52nd Street identified roofing and flashing materials and air cell pipe insulation (and associated mudded joints) as assumed ACM.
- Based on the age of the structures, painted surfaces may contain lead paint. Painted surfaces observed on the exterior and interior portions of the structures ranged from good to poor condition.
- Based on the age of the buildings, electrical equipment (including vaulted transformers) and lighting fixtures on-site may include PCB-containing elements. One hydraulic freight elevator was located in the 525 West 52nd Street building that may include PCB-containing components. No obvious leaks or odors were observed in connection with this equipment or the lighting fixtures. A closed status spill was cited for a transformer vault adjacent to the 525 West 52nd Street building in January of 2000 that was contained and cleaned and subsequently closed (no information pertaining to PCB content was noted in the spill record).

Off-Site RECs

- Sanborn maps and the regulatory database search identified several former automotive facilities elsewhere on the same block including: a garage with a gasoline tank, a welding shop and an auto repair shop (1926-1930 Sanborn map); additional automotive facilities including a filling station on the northeastern portion of the block (1951-1988 Sanborn maps) that was listed in the Brownfield Cleanup Program and on the PBS, RCRA and NY Spills database with documented groundwater contamination including a contaminant plume emanating off site; a taxi repair facility on the southwestern portion of the block (1951 Sanborn map) that was also listed on the NY Spills and PBS

databases; and several repair shops and metal works facilities that were shown adjacent to the Site on the 1926-1988 Sanborn maps. Migration of contamination associated with such uses may have affected the Site subsurface.

- Sanborn maps and the regulatory database search identified industrial and automotive uses on the surrounding blocks between 1907 and 2006 including: auto repair shops, garages with gasoline tanks and a railroad company facility (later developed with an auto storage facility and a garage) on the north-adjacent block; and a twine and hammock manufacturer (later converted to a piano factory), manufacturing uses, auto repair shops and garages with gasoline tanks on the south-adjacent block. Such uses may have affected the Site subsurface.

RECOMMENDATIONS:

- Soil and/or groundwater may have been affected by on- and/or off-site former and current uses. To determine whether on-site subsurface conditions have been affected, a subsurface (Phase II) investigation should be conducted, including laboratory analysis of soil, soil vapor, and groundwater samples. To the extent that redevelopment requires discretionary city approvals (i.e., is subject to CEQR and/or ULURP process), the scope of the investigation is typically subject to pre-approval by the NYC Department of Environmental Protection (NYCDEP). Depending of the findings of the investigation, subsurface disturbance associated with new construction may need to be performed in accordance with an NYCDEP-approved Remedial Action Plan and Construction Health and Safety Plan (RAP/CHASP).
- Future development including soil disturbance could encounter contaminated soil. If evidence of contaminated soil (e.g., stains or odors) is encountered, these materials (and all other materials requiring off-site disposal) should be disposed of in accordance with applicable federal, state and local regulations. Known and any unforeseen USTs should be properly assessed, closed and removed in accordance with state, and local regulations prior to any renovation, demolition or excavation activities with the potential to disturb them. Any on-site drywells or other drainage structures, if encountered, should be assessed and closed in accordance with applicable regulations. Soil intended for off-site disposal should be tested in accordance with the requirements of the receiving facility. Transportation of material leaving the site for off-site disposal should be in accordance with federal, state and local requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.
- Prior to any renovation or demolition activities with the potential to disturb suspect ACMs, an asbestos survey must be conducted to determine whether these materials are ACMs. If these materials prove to contain asbestos, they must be properly removed and disposed of prior to renovation/demolition in accordance with applicable regulatory requirements.
- Unless there is labeling or test data that indicates that florescent lights, other electrical equipment, and hydraulic fluid are not mercury- and/or PCB-containing, if disposal is required, it should be performed in accordance with applicable federal, state and local regulations and guidelines.
- Any renovation activities with the potential to disturb lead-based paint must be performed in accordance with the applicable Occupational Safety and Health Administration regulation (OSHA 29 CFR 1926.62—*Lead Exposure in Construction*).
- Any containers of cleaning fluids, paints, chemicals, etc. should be properly disposed of in accordance with all federal, state and local regulations.
- If dewatering is necessary during site construction, the discharge must meet NYCDEP discharge regulations.

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FIGURES

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APPENDICES

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1.0 INTRODUCTION

AKRF, Inc. (AKRF) was retained by the Clinton Housing Development Company (CHDC) to perform a Phase I Environmental Site Assessment of the Site located at 530-548 West 53rd Street, 543 West 52nd Street, and 525 West 52nd Street New York, NY (the Site). The Site is also identified as Tax Block 1081, Lot 7501 and a portion of Lot 1. At the time of the reconnaissance, the Site contained a four-story commercial building with a ground floor auto body repair shop with an adjacent gravel-lined parking lot (548 West 53rd Street), an asphalt-paved parking lot with a wooden storage shed (542-544 West 53rd Street), a one-story auto body repair garage (540 West 53rd Street), an undeveloped area used for the staging of construction equipment (530-538 West 53rd Street), and a small vacant lot (543 West 52nd Street) on Lot 1; and a seven-story commercial/office building formerly used for printing operations (525 West 52nd Street) on Lot 7501. The Site was located in a residential, commercial, institutional, and industrial area with some automotive uses.

The scope of services for this assessment was in conformance with ASTM Standard E1527-05 (*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*), with any exceptions to, or deletions from, this practice described in Section 7.0: "Limitations and Data Gaps." AKRF's scope addressed the ASTM scope by conducting the following:

- Observations of the Site (reconnaissance) were made to identify potential sources or indications of hazardous substances, including: aboveground storage tanks (ASTs); underground storage tanks (USTs); tank vents and fill ports; transformers and other items that could contain polychlorinated biphenyls (PCBs), drums or areas where hazardous materials were used, stored, or disposed; stained surfaces and soils; stressed vegetation, leaks, odors. In addition, where possible, neighboring properties were viewed, but only from public rights-of-way, to identify similar concerns.
- Readily available geological and groundwater (hydrogeological) information were evaluated to assist in determining the potential for contaminant migration within, from and onto the Site.
- Historical fire insurance maps and historical city directories for the Site and adjacent properties were reviewed to evaluate historic land uses.
- The following federal regulatory databases were reviewed to determine the regulatory status of the Site and properties within the ASTM-specified radii: National Priority List (NPL); Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); Emergency Response Notification System (ERNS); Toxic Chemical Release Inventory System (TRIS); the Permit Compliance System of Toxic Wastewater Discharges (WWD); the Air Discharge Facilities Index (ADF) the USEPA Civil Enforcement Docket. The federal listing of facilities which are subject to corrective action under the Resource Conservation and Recovery Act (CORRACTS) is discussed with the State databases of RCRA listings.
- The following state regulatory databases were reviewed to determine the regulatory status of the Site and properties within the ASTM-specified radii, hazardous material spills (SPILLS); Resource Conservation and Recovery Act Notifiers (RCRA); Chemical Bulk Storage (CBS); Solid Waste Facilities (SWF); Petroleum Bulk Storage (PBS); State Inactive Hazardous Waste Disposal Sites (SHWS); Major Oil Storage Facilities (MOSF); Historic Utility Sites; Environmental Restoration Program (ERP); Voluntary Cleanup Program (VCP); and Brownfield Cleanup Program (BCP).
- A review of pertinent NYC Fire Department (obtained as part of the database search) and online Department of Buildings records for the Site was conducted.

In addition to the ASTM Scope items, AKRF's scope (unless noted in Section 7.0) included:

- A state database of radon concentrations was used to determine whether indoor radon levels in the area (data are by county) generally comply with United States Environmental Protection Agency (USEPA) guidelines.

2.0 SITE DESCRIPTION

On May 8 and May 31, 2012, Ms. Neoma Chefalo of AKRF conducted reconnaissance of the Site accompanied by Ms. Alissa Mitrisin, a representative of the Clinton Housing Development Company. Mr. Gerry Ritterman, of Ritterman Capital, Inc. provided access to the 525 West 52nd Street building. At the time of the inspections, the weather was clear and between approximately 75-85 ºF, the visibility good, and the premises adequately illuminated. The Site was inspected for the presence of stained surfaces and soils, stressed vegetation, storage tanks, drums, leaking pipes, transformers, suspect asbestos-containing materials, suspect lead-containing paint, and any other evidence of hazardous material usage and storage on-site. Photographs from the reconnaissance are included in Appendix A.

2.1 General Site Conditions

The Site is identified as Tax Block 1081, Lot 7501 and a portion of Lot 1. The Site contained a four-story commercial building with a ground floor auto body repair shop with an adjacent gravel-lined parking lot (548 West 53rd Street), an asphalt-paved parking lot with a wooden storage shed (542-544 West 53rd Street), a one-story auto body repair garage (540 West 53rd Street), an undeveloped area used for the temporary staging of construction equipment (530-538 West 53rd Street), a small vacant lot (543 West 52nd Street) and a seven-story commercial/office building formerly used for printing operations (525 West 52nd Street).

Block 1081, Lot 1

548 West 53rd Street

548 West 53rd Street was occupied by a four-story commercial building with a ground floor auto body repair shop and an adjacent gravel-covered parking area. Interior finishes included painted brick, gypsum board and concrete walls and concrete, and wood floors and drop-ceiling tiles. A small partial basement was present under the northern portion of the building that contained a boiler room with two approximately 500-gallon fuel oil ASTs used to fuel the boiler. The tanks' vent pipe was located in the West 53rd Street sidewalk immediately outside of the building. A sump pit was noted adjacent to the boiler with a small amount of standing water; no sheen or odors were noted. No significant stains or odors were observed in connection with the ASTs or boiler system. The remainder of the basement contained utility meters and miscellaneous water piping. The ground floor was occupied by Dave's Collision Repairs, an auto body repair shop. At the time of the reconnaissance, automotive spray painting operations were in progress. Small containers (5 gallons or less) of automotive fluids, cleaners and paints were stored on shelving and on the floor throughout the first floor. No significant cracks in the concrete floor or staining were noted. The second floor was locked and inaccessible. The third and fourth floors comprised vacant commercial spaces. No staining or evidence of a material release was noted in the inspected areas within the building. A small gravel-covered parking area was located east-adjacent to the building. Some minor apparent oil staining was noted on the gravel surface, however no evidence of a significant material release was observed. Small piles of household trash and apparent construction debris (i.e., bricks, concrete and stone) were present on the southern portion of the parking lot.

542-544 West 53rd Street

542-544 West 53rd Street contained an asphalt-paved parking lot with a wooden storage shed. The storage shed contained four metal corrugated rollup doors. Access was unavailable to the storage shed at the time of the site reconnaissance. According to Ms. Mitrisin, the shed is used for the storage of construction materials. The asphalt-paved parking area adjacent to the shed contained several parked vehicles. The pavement was in good condition, with no significant cracks, stains or leaks noted.

540 West 53rd Street

540 West 53rd Street was occupied by a one-story auto body repair garage with no basement. Interior finishes included painted concrete block walls and a concrete floor. The building was heated by ceiling-mounted natural gas-fired area heaters. The interior contained several parked vehicles, work areas with apparent spray painting tools and equipment and a spray painting booth. Numerous small containers (5 gallons or less) of paints, lacquers and paint thinners were stored in the spray booth on shelving and the concrete floor. Additional containers of paints and paint thinners were located in a small plywood loft area on the southern portion of the building. No significant stains or leaks were noted. Several oxygen gas cylinders used in spray painting operations were stored on the concrete floor. A small rectangular metal floor plate covering apparent electrical wiring was observed immediately north of the entrance of the building.

530-538 West 53rd Street

530-538 West 53rd Street comprised an undeveloped area used for the temporary staging of construction equipment and vehicles for an ongoing construction site immediately south of the property. The ground surface was covered with soil (apparently from the excavation activities at the adjacent construction site). A small temporary office trailer was located on the northwestern corner of this area. No evidence of a material release was noted in this area. Ms. Mitrisin indicated that a three-story structure was located in the western portion of this area (538 West 53rd Street) but was demolished within the last year.

543 West 52nd Street

543 West 52nd Street consisted of a small vacant lot that was covered with soil: likely from the excavation of the adjacent construction site. While no signs of contamination were noted, the quality of this soil is unknown, as former uses of the construction site included industrial/automotive operations including metal works and auto repair shops.

Block 1081, Lot 7501

525 West 52nd Street

525 West 52nd Street contained a seven-story commercial/office building with a basement and a loading dock area on the eastern side. The northern portion was four stories, the southern portion seven stories and the eastern portion three stories. The building had brick, concrete and stone walls with a superstructure of structural steel. Exterior walls featured brick siding. The flat roof was covered with a smooth-surfaced built-up and rolled roofing system. Interior finishes included: concrete floors, painted and unpainted brick, concrete and gypsum board; and open ceilings exposing overhead ductwork. The structure contained one traction passenger elevator, two traction freight elevators, and one hydraulic freight elevator. The eastern portion of the building is heated with natural gas and the remainder of the building is heated by a No. 2 fuel oil-fired boiler system. Several office areas are cooled with electric packaged air-conditioning units and/or window-mounted air conditioning units.

The basement of the building contained electrical equipment within a switchgear room, utility meters, two fuel-oil fired boilers with an associated 7,000-gallon No. 2 fuel oil AST in a concrete block vault, and a natural gas-fired boiler. The tank vent pipe was noted immediately south of the building. Minor staining was noted on the tank exterior and on the concrete floor within the tank vault. No evidence of a significant material release was noted within (or outside of) the vault. Spray painted areas were present on the concrete floor of the basement, indicative of a former geophysical investigation. Several cut metal pipes of an unknown purpose were observed extending through the basement floor on the southern portion of the building. Apparent sump pits and floor drains were noted within the boiler room, switchgear room and on the central and northwestern portions of the basement. No staining or odors were noted in connection with the drains or sumps. The configuration of these drainage structures was investigated in a 2006 subsurface study discussed further in Section 6.0.

The first floor contained a lobby/reception area, office space, a loading dock on the southern portion; and a vehicle storage area with a dispatch office for a town car service on the northern portion. The remaining floors contained vacant manufacturing space and accessory offices that were used for printing/lithographic operations until 2009, according to Mr. Ritterman. Small containers (5 gallons or less) of cleaners and paints were stored in maintenance closets within the building, with no associated leaks or spills noted. No evidence of current bulk chemical generation or storage was noted in the building. An apparent transformer vault was noted south-adjacent to the building within the West 52nd Street sidewalk.

2.2 Topography and Hydrogeology

The surface topography at the Site was relatively level. Based on the U.S. Geological Survey, Central Park, NY Quadrangle (1979) map, the Site is at an elevation of approximately 23 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The approximate depth to bedrock is 10 to 20 feet below grade surface. Groundwater is expected at an approximate depth of 15 feet below grade (but may be perched above shallow bedrock), and likely flows in a westerly direction toward the Hudson River, which is approximately 800 feet away. However, actual groundwater flow at the site is likely influenced by the north-south underground Amtrak railroad tracks abutting the Site to the east and may also be affected by other factors including past filling, underground utilities and other subsurface openings or obstructions such as cellars, bedrock geology, and other factors beyond the scope of this study. Groundwater in Manhattan is not used as a source of potable water.

2.3 Storage Tanks

2.3.1 Underground Storage Tanks (USTs)

Historical Sanborn fire insurance maps identified a buried gasoline tank at 525 West 52nd Street on maps from 1951 to 1988. A 2010 Geophysical Investigation (discussed further in Section 6.0) indicated magnetic anomalies indicative of USTs on the southern portion of the basement. During the site reconnaissance, cut metal piping was observed on the southern portion of the basement floor that may be associated with historic USTs. Potential buried USTs may be located beneath this building and other portions of the Site (e.g., within former automotive repair areas and beneath former structures).

Off-site USTs are discussed in Section 4.2.2.

2.3.2 Aboveground Storage Tanks (ASTs)

During the site inspection, a vaulted 7,000-gallon No. 2 fuel oil AST was observed within the basement of the 525 West 52nd Street building (on the eastern portion of the Site) and is registered under NYSDEC PBS ID# 2-337129 with an installation date of 1960. Minor staining was observed on the tank exterior and on the vault room floor; no evidence of a significant material release was noted in connection with the AST. The fill port and vent pipe for the AST were located immediately south of the building, within the West 52nd Street sidewalk. Two approximately 500-gallon No. 2 fuel oil ASTs were noted within the basement of 538 West 53rd Street (on the northwestern portion of the Site) that were used to fuel the building's boiler. The fill port and vent pipe for the tanks were located in the West 53rd Street sidewalk immediately outside of the building. No significant stains or odors were noted in connection with the tanks.

Off-site ASTs are discussed in Section 4.2.2.

2.4 Polychlorinated Biphenyls (PCBs)

Prior to 1979, polychlorinated biphenyls (PCBs) were widely used for their fire-retarding properties in the cooling oil of electrical equipment such as transformers, capacitors, switches and voltage regulators. Based on the age of the buildings, electrical equipment and lighting fixtures on-site may include PCB-containing elements. One hydraulic freight elevator was located in the 525 West 52nd Street building that may include PCB-containing components. No obvious leaks or odors were observed in connection with this equipment or the lighting fixtures.

2.5 Lead-Based Paint

The use of lead-based paint in commercial structures was severely restricted by the Consumer Products Safety Commission in 1977. Lead-based paint is potentially hazardous when in a deteriorating condition (i.e., chipped, broken, crumbling, or pulverized). Lead is potentially harmful to humans, particularly children, if ingested, inhaled or otherwise absorbed.

Based on the age of the structures, painted surfaces may contain lead paint. Painted surfaces observed on the exterior and interior portions of the structures ranged from good to poor condition.

2.6 Utilities

Consolidated Edison provided electricity and natural gas to this area of Manhattan. The Site was connected to the municipal water and sewer systems though portions of the drainage system may not be (see June 2006 study in Section 6.0).

2.7 Waste Management and Chemical Handling

Private carters remove solid waste from the Site structures. The on-site automotive repair shops (538 and 540 West 53rd Street) stored small containers (5 gallons or less) of automotive fluids, paints, lacquers and paint thinners on shelving and on concrete floors. No evidence of a significant material release was observed. The 525 West 52nd Street building was listed as a RCRA generator for the production of ignitable wastes, corrosive wastes and silver associated with former printing operations.

2.8 Asbestos-Containing Materials (ACM)

Asbestos, a known human carcinogen, is a generic name assigned to a group of naturally occurring minerals exhibiting high tensile strength and possessing excellent fire resistance and

insulating properties. These minerals include chrysotile, amosite, crocidolite, actinolite, tremolite and anthophyllite. Asbestos is commonly found as a component of building materials including: Thermal System Insulation (TSI), spray-applied fireproofing, spray- or trowel-applied surfacing materials, vinyl asbestos floor tiles and sheeting, plaster, sheetrock, ceiling tiles, fire door fill, roofing materials, thermal gaskets, mastics, and a range of other products.

Building materials containing greater than one percent asbestos are considered to be Asbestos-Containing Materials (ACMs). ACMs are classified as friable or non-friable. Friable ACMs are those which can be crumbled, pulverized, or reduced to powder when dry by hand or other mechanical pressure. Friable ACMs, such as thermal system insulation and spray-applied fireproofing, are generally associated with a higher risk of releasing potentially hazardous fibers than non-friable ACMs, such as vinyl floor tiles and built-up roofing materials.

Suspect ACMs were observed in the on-site structures during the site visit, including resilient and ceramic floor and wall tile and associated mastic, pipe insulation, duct insulation, electrical panel partitions, electrical insulation, ceiling tile, wallboard, plaster, joint compound and roofing materials in good to poor condition. ACM may also be present in other locations within the buildings. Documentation pertaining to a 2010 limited asbestos survey conducted at 525 West 52nd Street included a limited inspection of the buildings to identify suspect ACM; and collection of limited samples of suspect ACM for analysis of suspect ACM at a New York State Department of Health-approved laboratory. Roofing and flashing materials and air cell pipe insulation (and associated mudded joints) were identified as assumed ACM, other sampled materials including gypsum board, vinyl floor tile and mastic; brick and concrete mortar; base board molding and mastics; ceiling tiles; fire proofing; plaster and soft concrete were found to be non ACM-containing from the sampled areas.

3.0 ADJACENT LAND USE

West 53rd Street abutted the Site to the north, followed by residential/commercial buildings undergoing construction, and a garage for the AT&T building located on the eastern portion of the block. Mixed use residential/commercial structures abutted the Site to the east. An ongoing construction site and a residential building with a theatre abutted the Site to the south, followed by West 52nd Street, beyond which were residential and commercial structures. Mixed use residential/commercial buildings abutted the Site to the west.

4.0 SITE HISTORY AND RECORDS REVIEW

4.1 Prior Ownership and Usage

4.1.1 Historical Maps

Historical insurance maps were reviewed for indications of industrial usage or other evidence suggesting the use or disposal of hazardous materials on or adjacent to the subject property. Specifically, Sanborn Fire Insurance Maps from 1892, 1907, 1911, 1926, 1930, 1951, 1976, 1979, 1988 and 2006 were reviewed.

1892

The Site was occupied by tenements (some partially constructed) and a vacant lot on the northern portion, and a stable and tenements on the southern portion.

The southern abutting structures consisted of three five-story tenements, a stable, a two-story dwelling and a wagon factory, followed by West 52nd Street. The remainder of the subject block was occupied primarily by tenements. A school was noted on the western portion of the subject block. The Site was surrounded primarily by tenements and stables with some commercial and industrial uses to the north across West 53rd Street and to the south, across West 52nd Street including the Central Park, North and East River Railroad Company facility with several buildings (including repair shops) on the eastern portion of the north-adjacent block. A twine and hammock manufacturing building (with a dye house) was located on the central portion of the south-adjacent block. A coal and wood yard was noted on the southeastern portion of the south-adjacent block.

1907-1911

A bottling works and chemical works facility was located at 538 West 53rd Street, on the northern portion of the Site. A stable for a truckman was noted on the southern portion of the Site at 543 West 53rd Street. Several of the tenements on the Site contained storefronts.

The remainder of the block contained several additional stables, storehouses, an unspecified commercial building and a school. The surrounding area was increasingly commercial and industrial with several commercial and manufacturing facilities shown on the south-adjacent block including a piano factory, tire works, a wagon painter, a laundry, a toy manufacturer, a "rubberine" factory and several unspecified factories. The repair shops on the north-adjacent block had expanded and a flooring, cabinet and upholstery shop was noted on the south-central portion.

1926-1930

The former chemical and bottle works plant at 538 West 53rd Street was occupied by a theatrical scenery manufacturer. The former stable on the southern portion of the Site was redeveloped with a community center.

The surrounding properties were increasingly commercial and industrial, with several facilities shown on the on the eastern portion of the remainder of the block including a welding shop and a garage with a buried 550-gallon gasoline underground storage tank. An auto repair facility was shown on the south-adjacent property at 539 West 52nd Street. The Railroad Company on the northern block was labeled Third Avenue Railway System with an oil room noted in a building on the eastern portion, and a substation noted on the northwestern portion. The former repair shops on the north-adjacent block were occupied by an opera house. The remainder of the northern block was increasingly industrial with several auto repair shops, metal works shops and a woodworking and a laundry facility noted on the central and western portions. The former rubberine manufacturer on the western portion of the south-adjacent block was occupied by a two-story garage with a buried 550-gallon gasoline tank. An ornamental plastering shop was noted on the southwestern portion of the southern block. The surrounding area contained additional commercial, manufacturing and auto-related properties and included a piano manufacturing company, machine shop, lumber storage yards and a steam laundry facility on the southern block.

1951

The eastern portion of the Site at 530-536 West 53rd Street was vacant aside from a small office on the northwestern portion. A plastics manufacturer was located at 538 West 53rd

Street. An auto repair shop occupied 540 West 53rd Street. An army exchange warehouse occupied 544 West 53rd Street. Artist studios with storage were located at 548 West 53rd Street. The southern portion of the subject Site contained a commissary at 543 West 52nd Street. Due to the poor quality of the map, the building at 520-528 West 53rd Street and 525-531 West 52nd Street could not be clearly identified.

The south-adjacent property contained metal works shops at 535-539 West 52nd Street and a paint spraying shop at 533 West 52nd Street. The remainder of the block was primarily commercial and industrial in nature with additional commercial buildings, factories and auto repair shops including a taxi garage and repair shop on the southwestern portion. The north-south New York Central Railroad improvement right-of-way was shown below the eastern portion of the block (including beneath the northeastern portion of the Site). A filling station with six gasoline tanks and grease pits was noted on the northeastern portion of the remainder of the block. The north-adjacent block across West 53rd Street became increasingly industrial in nature with several factories, metalworking shops, garages, and auto repair facilities with gasoline tanks noted. The former railroad company on the north-adjacent block was occupied by the Madison Storage Warehouse Company (automobile storage). A U.S. Post Office garage was located on the central portion of the north-adjacent block. A Chinese laundry and automotive garage were noted on the east-adjacent block. An auto repair shop was located on the southwestern portion of the south-adjacent block, in place of the former plaster shop. A metal works and auto repair shop was noted on the northwest portion of the south-adjacent block.

1976-1979

Several changes were noted on the Site from the 1951 map. The plastics manufacturer at 538 West 53rd Street was occupied by a warehouse. The former army exchange warehouse at 544 West 53rd Street comprised an auto repair shop. The former auto repair shop at 546 West 53rd Street comprised a vacant lot. The commissary at 541-543 West 52nd Street contained metal works shops. The art studio (548 West 53rd Street) on the 1951 map was occupied by an unspecified flat. A printing facility with a gasoline tank was noted on the eastern portion of the Site (525 West 52nd Street). The southern portion of the building comprised seven stories and was built in 1929; the northern portion was built in 1937. No further significant changes were noted on the Site.

The former metal works shop at 537 West 52nd Street, south-adjacent to the Site, was occupied by an auto repair shop. The remainder of the block remained primarily industrial and commercial in use, as noted on the 1951 map. The former Madison auto storage warehouse facility on the north-adjacent block was occupied by the N.Y. Telephone Co. building and a garage. Several of the lots on the central portion of the north-adjacent block were vacant. The majority of the lots on the central portion of the south-adjacent block were vacant. Several parking lots and a public school were noted on the east-adjacent block. No further significant changes were noted in the surrounding area.

1988

The former warehouse at 538 West 53rd Street noted on the 1976 map was occupied by an auto repair shop. The former printing facility on the eastern portion of the Site at 525 West 52nd Street was relabeled as United Envelope Company, Inc., with the current three-

story loading dock shown on the east side of the building. No further significant changes were noted on the Site.

The former south-adjacent auto repair shop and metal works shops at 535-537 West 52nd Street were razed and comprised a parking lot. The remainder of the block remained primarily commercial and industrial in use. The central portion of the north-adjacent block comprised a parking lot. The Clinton Manor Apartment complex occupied the central portion of the south-adjacent block. No other significant changes were noted in the surrounding area.

2006

The former sheet metal works building at 543 West 52nd Street comprised a vacant lot. The former auto repair shop at 542-544 West 53rd Street contained a parking lot and a shed. The former United Envelope Company, Inc. at 525 West 52nd Street was listed as condominiums. No further significant changes were noted on the Site.

The south-adjacent block was occupied by multistory residential buildings, several unspecified factories, a railroad right-of-way, an auto repair shop, community gardens and commercial/residential buildings.

To summarize, the Sanborn Maps indicated that the Site was occupied by tenements and stables since at least 1892. Historic site uses included several auto repair shops, metal works facilities and other miscellaneous factory buildings including: a bottling works and chemical works facility was located at 538 West 53rd Street (as noted on the 1907 Sanborn map) that was subsequently occupied by a theatrical scenery manufacturer and a plastics manufacturer between circa 1926 and 1951; an auto repair shop at 540 West 53rd Street (as shown on the1951 Sanborn map); an auto repair shop at 544 West 53rd Street (as noted on the 1976-1988 Sanborn maps); and a sheet metal works at 543 West 52nd Street (as noted on the 1976-1988 Sanborn maps). The eastern portion of the Site was occupied by a printing facility on the 1976-1979 map that was subsequently occupied by the United Envelope Company, Inc. (as shown on the 1988 map) and unspecified condominiums (2007 as shown on the map).

Historic uses on the remainder of the block included a garage with a gasoline tank, a welding shop and an auto repair shop (1926-1930 Sanborn map); with additional automotive facilities including a filling station on the northeastern portion of the block (1951-1988 Sanborn maps) a taxi repair facility on the southwestern portion of the block (1951 Sanborn map) and several repair shops and metal works facilities shown between 1951 and 1988. The north-adjacent block contained numerous auto repair shops, garages with gasoline tanks and a railroad company facility with several buildings (including repair shops) as noted on the 1892 through 1951 Sanborn maps that were later developed with an auto storage facility and a Long Distance Center for N.Y. Telephone Company with an associated garage. Industrial uses were shown on the south-adjacent block between 1892 and 2006 including a twine and hammock manufacturer (later converted to a piano factory), unspecified factories, auto repair shops and garages with gasoline tanks (most of these facilities were subsequently redeveloped with residential or commercial structures between 1988 and 2006). Such historic uses may have affected the Site subsurface.

4.1.2 Historical Aerial Photographs

Since historical fire insurance maps were available for the Site (and surrounding area) and these maps included information relating to land use, aerial photographs would, most likely, not provide additional useful information relevant to the potential for recognized environmental conditions or other environmental concerns. As such, aerial photographs were not reviewed.

4.1.3 Site Tax Files and Zoning Records

Based on electronic records provided by the New York City Department of Buildings on-line Buildings Information System, the portion of the Site on Block 1081, Lot 1 is zoned R8-A (Residential) with a commercial overlay C2-5. The eastern portion of the Site at 525 West 52nd Street (Block 1081, Lot 7501) is zoned M1-5 (Manufacturing). The building occupancy class for Block 1081, Lot 1 was listed as D9 (Elevator Apartment) and Block 1081, Lot 7501 was listed as R0 (Condominiums).

4.1.4 Land Title Records

Electronic property transaction records for the Site Block and Lots were reviewed from the New York City Department of Finance Office of the City Register Automated City Register Information System (ACRIS). A review of ACRIS electronic records indicated that no deed information was available for the Site.

4.2 Regulatory Review

EDR, Inc. of Milford, Connecticut, provided information regarding the regulatory status of the Site and the surrounding area. This information included records from databases maintained by the United States Environmental Protection Agency (USEPA) and New York State Department of Environmental Conservation (NYSDEC). AKRF reviewed these records to identify the use, generation, storage, treatment and/or disposal of hazardous material and chemicals, or releases of such materials which may impact the project site. All applicable regulatory databases meet ASTM guidelines requesting utilization of information within 90 days' receipt from the appropriate agency. Copies of the pertinent sections of the EDR, Inc. report are included in Appendix C.

4.2.1 Federal Review

The federal databases searched included the National Priority List (NPL); Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); Emergency Response Notification System (ERNS); Toxic Chemical Release Inventory System (TRIS); the Permit Compliance System of Toxic Wastewater Discharges (WWD); the USEPA Civil Enforcement Docket; and the Air Discharge Facilities (ADF). The federal listing of facilities which are subject to corrective action under the Resource Conservation and Recovery Act (CORRACTS) is discussed with the State databases of RCRA listings.

National Priority List (NPL)

The NPL is the USEPA's database of some of the most serious uncontrolled or abandoned hazardous waste sites identified for probable remedial action under the Superfund Program. NPL sites can pose a significant risk of stigmatizing surrounding properties and thus impacting Site values.

No NPL sites were identified within one-mile of the Site.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

CERCLIS is a compilation of sites which the USEPA has investigated, or plans to investigate, pursuant to the Superfund Act of 1980 (CERCLA). As such, some of these sites may ultimately present concerns and others may not (but could still pose a perceived threat, thus affecting Site values).

No CERCLIS sites were identified within a ½-mile of the Site.

Emergency Response Notification System (ERNS)

This federal database, compiled by the Emergency Response Notification System, records and stores information on certain reported releases of petroleum and other potentially hazardous substances.

The Site was not listed as an ERNS site.

Toxic Chemical Release Inventory System (TRIS)

The TRIS contains information reported by a variety of industries on their annual estimated releases of certain chemicals. No TRIS sites were identified within ⅛-mile of the Site.

Permit Compliance System of Toxic Wastewater Discharge (WWD)

This database includes certain sites which discharge wastewater containing potentially hazardous chemicals.

No WWD facilities were reported within ⅛-mile of the Site.

United States Environmental Protection Agency Civil Enforcement Docket

This database tracks civil judiciary cases filed on behalf of the USEPA by the Department of Justice.

No facilities were listed in the USEPA's Civil Enforcement Docket within ⅛-mile of the Site.

Air Discharge Facilities (ADF) Index

This federal database includes information on certain air emission sources.

Two Air Discharge Facilities were identified within a ⅛-mile radius of the Site.

- The 53rd Street Service Station, located at 783 10th Avenue, approximately 480 feet east-southeast of the site, was listed for having potential emissions of less than 100 tons of volatile organic compounds per year. This facility was listed as in compliance with the SIP Source program.
- The Mobil Service Station, located at 718 11th Avenue, approximately 510 feet southwest of the site, was listed for having potential emissions of less than 100 tons of volatile organic compounds per year. This facility was listed as in compliance with the SIP Source program.

Air releases from these facilities are not anticipated to have affected the subject property; however, historical petroleum releases from the 53rd Street Station may have affected subsurface conditions beneath the Site.

4.2.2 State Review

The state records reviewed included listings of hazardous material spills; Resource Conservation and Recovery Act (RCRA) Notifiers; Chemical Bulk Storage (CBS); Solid Waste Facilities (SWF); Petroleum Bulk Storage (PBS); State Inactive Hazardous Waste Disposal Sites (SHWS); State Hazardous Substance Waste Disposal Sites (SHSWDS); Major Oil Storage Facilities (MOSF); Brownfield Sites; Historic Utility Sites.; Environmental Restoration Program (ERP) sites; Voluntary Cleanup Program (VCP) sites and Brownfield Cleanup Program (BCP) sites.

New York SPILLS Database

This database includes releases reported to the NYSDEC, including tank test failures (for USTs only) and tank failures.

Eight hundred seventy-four spills were reported within a ½-mile radius of the Site, including forty-two active status spills and eight hundred thirty-two closed status spills. The following spills were listed at the Site.

- A closed status spill (Spill #9911542) was listed at 525-537 West 52nd Street in January of 2000, when approximately 25 gallons of transformer oil was reported to have been released within a transformer vault. According to the NYSDEC remarks, the associated sewer may have been affected by the release. The spill was contained and cleaned and subsequently closed.
- A closed status spill (Spill #9602849) was listed for 546 West 53rd Street relating to a Consolidated Edison generator plant noted as being located on the East River. The release involved a reported quantity of 10 gallons of transformer oil. This spill listing does not appear to directly correspond with the Site buildings, and appears to be associated with an off-site location with an erroneous address listing, and therefore is not considered a REC.

Other spill sites closest and most likely to affect the Site are summarized below:

- A closed status spill (Spill # 1110657) was listed in December 2011 at 541 West 52nd Street, the south-adjacent property, when a 1,000 gallon UST and contaminated soil were discovered during site excavation. The tank was removed, and excavation continued as originally planned. The database information indicated that endpoint samples taken following the completion of excavation found no evidence of contamination, and the spill achieved closure in February 2012.
- A closed status spill (Spill # 0305881) occurred at a former taxi depot located at 553-561 west 52nd Street, approximately 140 feet west of the Site in September of 2003 relating to several on-site underground storage tanks containing gasoline and waste oil. Remedial activities were conducted which included the removal of soil and fill throughout the site and the excavation of the upper bedrock layer underlying the site. Post-remediation soil sampling was initiated and the spill number was subsequently closed within the same month of issuance.

- A closed status spill (Spill # 9909771) was listed for 549 West 52nd Street, approximately 100 feet west-southwest of the Site, in November of 1999 when a caller reported a spill from a faulty tank for the address. The tank was reportedly pumped out and the release was contained and cleaned, however the NYSDEC requested further information regarding the incident from the property owner/manager, and the case remained active until June 2010, when a site visit concluded that no odor, sheen, or oil was observed in the tank room or basement sump and the spill was closed.
- One active spill and four closed spills were reported for the Exxon Mobil Service Station at 783 Tenth Avenue, formerly located on the eastern portion of the subject block, approximately 450 feet east-southeast of the Site, between 1993 and 2005. The active spill listing (Spill # 9308101) referred to a release in 1993, when petroleum [determined to be gasoline containing methyl tertiary butyl ether (MTBE), a gasoline additive], was found seeping through a cellar wall adjacent to the gasoline station. This listing was used to consolidate other spills and remediation details reported at the site. Three closed-status spills occurred at the site between 1990 and 1998 and were associated with fueling operations and tank test failures that occurred at the former on-site gasoline station. According to the database information, this site entered into the Brownfield Cleanup Program (BCP) and a DEC-approved Remedial Action Workplan (RAWP) was initiated which included the excavation of soil to bedrock across the entire site and the implementation of a groundwater monitoring regime and a groundwater pump-and-treat system and a soil vapor extraction system. According to the latest NYSDEC remarks associated with the case, investigation and remediation of an off-site contamination plume was being investigated and remediated in order to achieve spill closure.

Based on the number of spills reported in the area, including these sites and others not listed above, local groundwater quality may have been affected, which may have migrated to the Site. Details from all spills are included in Appendix C.

Resource Conservation and Recovery Act (RCRA) Notifiers Listings

This database lists sites that have filed notification forms regarding hazardous waste activity, including: treatment, storage and disposal facilities (TSDs); small-quantity generator (SQG) and large-quantity generators (LQG); and transporters regulated under RCRA. The discussion below includes any CORRACTS listings of facilities which are subject to corrective action under RCRA.

One TSD facility was identified within a ½-mile radius of the subject area. Kellermann Paint Co. Inc., located at 605 West 45th Street, approximately 1,940 feet southwest of the site, was listed as a Treater, Storer, and Disposer of 2,200 gallons of waste industrial paint solvents in 1982. Given its distance from the Site, it is not anticipated to represent a significant environmental concern. The Site was listed as an RCRA Generator/ Transporter:

- Astrid Offset Corporation, located at 525 West 52nd Street (the Site) was listed as a Small Quantity Generator of 55 gallons of corrosive solid waste in 1998, 10 gallons of silver in 1999, and 315 pounds of silver in 2001. Tana Seybert, at the same address, was listed as a Large Quantity Generator of 439 pounds of ignitable solid waste in 2001, 5 gallons of corrosive solid waste in 2005, and 2,420 gallons of

ignitable solid waste in the first half of 2006, and had four RCRA Small Quantity Generator Requirement violations and returned to compliance in 2004.

Thirty-three RCRA Generators/Transporters were reported within a ⅛-mile radius of the Site. Details of nearby facilities are as follows:

- West 52nd Affordable Developers, LLC, located at 533-541 West 52nd feet, south-adjacent to the Site was listed as a Large Quantity Generator, however no hazardous waste activity was available in the database.
- Consolidated Edison Vault 3484, located at West 52nd Street, approximately 153 feet south-southeast of the Site, was listed as having generated 718 kilograms of PCB-containing petroleum oil or liquid in 2000.
- New York Telephone, 770 11th Avenue, approximately 230 feet north-northeast of the Site, was listed as having generated hazardous waste streams including 12 gallons of ignitable solid waste in 1998, 110 pounds of benzene in 2001, and 2,180 pounds of ignitable solid waste in 2004.
- American Telephone and Telegraph Corporation, located at 811 10th Avenue, approximately 450 feet east of the Site, was listed as a generator of spent non-halogenated solvents, lead, solid waste that exhibits the characteristic of corrosivity, 1,1,1-trichloroethane, diclorodifluoromethane, mercury, and solid waste that exhibits the characteristic of ignitability between 1997 and 2005. The facility had three RCRA violations, including an all requirements (oversight), an annual reporting requirements, and a general requirements violations, which achieved compliance in 2001. Bell Atlantic was listed as a hazardous waste generator at this address, however no hazardous waste activity was reported in the database. Consolidated Edison, manhole No. 6326, was listed at the same location as a generator of 677 kilograms of other PCB wastes including soil, solids, sludges, clothing, etc. in 2006. Lucent Technologies was listed at the same address, and generated 25 pounds of dichlorofluoromethane in 1999.
- Mobil Oil Corp. Service Station, located at 783 10th Avenue, approximately 470 feet east-southeast of the Site, was listed as having generated 6,300 pounds of ignitable waste in 2001 and 110 gallons of solid ignitable waste in 1998.

Based on facility status and/or quantity/type of wastes generated, these RCRA facilities may have affected the Site subsurface. Details of all of the RCRA hazardous waste generators located within a ⅛-mile radius of the study site are included in Appendix C.

Chemical Bulk Storage (CBS) Database

The CBS lists facilities that store regulated non-petroleum substances in aboveground tanks with capacities greater than 185 gallons and/or in underground tanks of any size.

No CBS facilities are listed within a ⅛-mile radius of the Site.

Solid Waste Facilities (SWF)

This database includes a listing of landfills, incinerators, transfer stations, recycling centers, and other sites which manage solid waste.

Two Solid Waste Facilities were identified within a ½-mile radius of the Site. A Consolidated Edison facility, located at the corner of Twelfth Avenue and West 45th

Street, approximately 2,200 feet southwest of the Site, was listed as a processing facility for uncontaminated commercial and demolition debris. The remaining facility, a NYC Department of Sanitation transfer station, was located over 2,400 feet north-northwest of the Site. Based on distance from the Site, and inferred downgradient or crossgradient groundwater flow directions, these facilities are not expected to have affected the Site.

Petroleum Bulk Storage (PBS) Database

This database lists facilities that registered having either aboveground or underground petroleum tanks with total storage exceeding 1,100 gallons. Facilities with more than 400,000 gallons appear on the Major Oil Storage Facilities (MOSF) database instead.

One hundred twenty-one PBS sites (23 UST sites and 98 AST sites) were identified within a ⅛-mile radius of the Site. The Site was listed as a PBS facility. Details of the closest facilities, including the on-site listings, are listed in Table 1.

Table 1
Area Petroleum Bulk Storage Facility Data

Location	Capacity (gallons)	Product Stored	Status	Approximate Distance/Direction from Study Site
Apple Industrial Condo 525 West 52nd Street	7,000 AST	No. 2 Fuel Oil	In Service	Site
549 West 52nd Street	5,000 AST	Gasoline*	In Service	95 feet/ west-northwest
555 West 52nd Street	550 UST x10 275 UST 30 UST	Gasoline Waste Oil Lube Oil	Closed – Removed	145 feet/ west
552 West 53rd Street	1,500 AST 275 AST	No. 4 Fuel Oil No. 4 Fuel Oil	Closed – Removed	170 feet/ northwest
554 West 53rd Street	3,500 AST	No. 4 Fuel Oil	Closed – Removed	170 feet/ northwest
552 West 52nd Street	3,000	No. 4 Fuel Oil	Not Listed	200 feet/ southwest
Mercedes Benz Manhattan, Inc. 770 11th Avenue	4,000 UST x2 4,000 UST 280 AST 4,000 UST x2 4,000 AST 280 AST	Unleaded Gasoline Diesel Unleaded Gasoline Unleaded Gasoline Diesel Used Oil	Closed – Removed Closed – Removed Closed – Removed In Service In Service In Service	290 feet/ north-northeast
Clinton Manor 535 West 51st Street	20,000 UST	No. 2 Fuel Oil	In Service	290 feet south
Mobil Service Station 783 Tenth Avenue	4,000 UST 4,000 UST 550 UST x5 550 UST x2	Diesel Gasoline Gasoline Empty	Closed – Removed	450 feet / east-northeast

Notes: AST - aboveground storage tank
UST - underground storage tank
* Although registered as a gasoline AST, this tank currently contains fuel oil, according to CHDC personnel

The 549 West 52nd Street site, 555 West 52nd Street site, Mercedes Benz Manhattan site, Mobil Service Station and Clinton Manor sites are concurrently listed on the NY Spills database (refer to the corresponding section for further information). Details of the additional PBS facilities located within a ⅛-mile of the Site are included in Appendix C.

State Inactive Hazardous Waste Disposal Site (SHWS) Registry

This program (also known as State Superfund) lists information regarding a variety of sites likely requiring cleanup.

No State Inactive Hazardous Waste Disposal Sites were reported within a one-mile radius of the Site.

State Hazardous Substance Waste Disposal Site (SHSWDS) Study

This database tracks certain sites that were not listed on SHWS, but may still require investigation and/or cleanup.

No SHSWDS were identified within a one-mile radius of the Site.

Major Oil Storage Facilities (MOSF) Database

These facilities have petroleum storage of 400,000 gallons or more.

No Major Oil Storage Facilities were listed within ⅛-mile of the Site.

Historic Utility Sites

This is an inventory of selected power generating facilities, manufactured gas plants and storage facilities, utility maintenance yards and other gas and electric utility sites identified in various historical documents, maps and annual reports from 1898 to 1950.

No Historic Utility Sites were listed within ⅛-mile of the Site.

Environmental Restoration Program

These sites (which are generally municipally-owned) are receiving New York State funding for site investigation and/or remediation. Some sites in this program have known contamination, whereas others have not had sufficient investigation to determine whether contamination is present.

No ERP sites were listed within ½-mile of the Site.

Voluntary Cleanup Program

The Voluntary Cleanup Program is a NYSDEC program for investigation and/or remediation of (generally) privately-owned sites. Some sites have known contamination, whereas others have not had sufficient investigation to determine whether contamination is present.

Two VCP sites were identified within a ½-mile radius of the Site. Based on the information provided, including distance from the Site and the anticipated groundwater flow direction, these facilities are not expected to have affected subsurface conditions at the Site.

Brownfield Cleanup Program

This NYSDEC program is the successor to the Voluntary Cleanup Program. Again, some sites have known contamination, whereas others have not had sufficient investigation to determine whether contamination is present.

Seven BCP facilities were identified within a ½-mile radius of the Site. Of these, the following facilities are considered RECs:

- Clinton Green Development Project, located on Tenth Avenue between West 51st and West 53rd Streets, approximately 430 feet southeast of the Site, consisted of land along the Amtrak railroad tracks passing through the eastern portions of two blocks (including the subject block), and was noted to have included an Exxon Mobil gasoline station at the corner of West 53rd Street and Tenth Avenue until 1992. Soil and groundwater contamination with lead, petroleum hydrocarbons, and methyl tertiary butyl ether (a highly water-soluble gasoline additive) were discovered at this location. According to the listing, all contaminated soil on-site was removed in 2006 during the construction of new buildings. Off-site contamination, however, including a groundwater plume, remained and additional cleanup was required.
- The Off-Site Clinton Green Development Project consisted of the area along the intersection of West 53rd Street and 10th Avenue, beyond the scope of the Clinton Development Project. The contaminated groundwater plume consisted of petroleum-related volatile organic compounds. The database listing stated that the Remedial Investigation and Design were completed in 2009. More recent information was not available.

The Clinton Green Brownfield site and Off-Site Clinton Green Brownfield site may have affected local groundwater quality, and given their close proximity to the Site, potentially impacted subsurface conditions beneath the Site. Based on the information provided, including distance from the site and the anticipated groundwater flow direction, the remaining Brownfield sites are not anticipated to have impacted the Site.

Radon Levels

Radon is a colorless, odorless gas most commonly produced by the radioactive decay of certain rocks. According to New York State Department of Health data available online, the average level of radon found in basements in Manhattan in 2009 was 2.11 picocuries/liter, below the USEPA recommended action level of 4.0 picocuries/liter.

4.2.3 Local Review

Available online records from the New York City Buildings Department were viewed for the Site. NYC Fire Department records were obtained by EDR, Inc. as part of their database search. Since the records typically address a multitude of issues, the review focused on items likely to relate to the potential presence of hazardous materials, e.g., petroleum tank installation applications and permits, or records indicating prior uses. Copies of pertinent information are included in Appendix D (Buildings Department Records).

Fire Department

The database search provided by EDR, Inc. did not cite any Fire Department records for the Site.

Buildings Department

Information provided by the New York City Buildings Department (NYCDOB) on-line Buildings Information System included Certificates of Occupancy for the Site structures.

Block 1081, Lot 1

- No Certificates of Occupancy (C of O) were provided in the electronic NYCDOB files.

Block 1081, Lot 7501

- A 1929 C of O noted a seven-story structure containing an automobile repair shop in the basement; an automotive garage and driveway on the first floor; offices on the second floor; an automobile repair shop on the third floor; and a factory on the fourth through seventh floors.
- A 1951 C of O noted a one-story loading platform at 519-523 West 52nd Street.
- A 1952 C of O noted a noted a seven-story structure containing a boiler room and storage in the basement; a newspaper press room and storage on the first floor; offices on the second floor; a newspaper composing room on the third floor; and a factory on the fourth through seventh floors. A fuel oil tank installation was approved by FDNY in 1951.
- A 1966 C of O noted a noted a seven-story structure containing a boiler room, offices, printing, bindery and storage in the basement; a newspaper press room and storage on the first floor with a storage mezzanine; offices and a cafeteria on the second floor; a newspaper composing room on the third floor; and a factory on the fourth through seventh floors.
- A 1998 C of O noted manufacturing use in the basement; a lumber yard and manufacturing use on the first floor; and manufacturing/offices on the mezzanine through seventh floors.
- A 2010 Temporary C of O noted unspecified manufacturing in the basement and mezzanine; commercial vehicle storage on the first floor; and manufacturing/offices on the second through seventh floors

The information obtained from NYCDOB files indicated that the structure located on the eastern portion of the Site (525 West 52nd Street) was historically used for industrial and automotive purposes including automotive repairs and factory use in 1929; newspaper printing and assembling between 1952 and 1998 (with a lumber yard noted in 1998); and vehicle storage and manufacturing use in 2010. A fuel oil tank installation was approved by FDNY in 1951. Such uses may have affected the Site subsurface. Copies of these documents are included in Appendix D.

4.2.4 Additional Record Sources

To enhance the search, ASTM requires that additional local records be checked when, in judgment of the environmental professional, such records are: 1) reasonably ascertainable; 2) useful, accurate and complete in light of the objective of the records review; and 3) are obtained in initial ESAs. These records include:

- Local Brownfields Lists

- Local Lists of Landfill/solid waste disposal sites
- Local Lists of Hazardous Waste/Contaminated Sites
- Local Land Records (for activity use limitations)
- Records of emergency release reports
- Records of contaminated public wells

Sources for these records may include:

- Department of Heath/Environmental Division
- Building Permit/Inspection Department
- Local/Regional Pollution Control Agency
- Local/Regional Water Quality Agency
- Local Electric Utility (for PCB records)

In AKRF's judgment, no additional local records (beyond those described in the immediately preceding section) are pertinent for the Site.

5.0 USER-PROVIDED INFORMATION

In preparing this Phase I ESA, AKRF requested that the client provide any pertinent information regarding the Site, specifically:

- The reason for performing the Phase I ESA;
- Whether they were aware of any pertinent current or historic activities at or near the Site, including but not limited to: hazardous substances or petroleum, waste management practices, filling or disposal drains, septic/sewer systems, and potable and non-potable wells;
- Owner and occupant information and whether they were aware of any previous Phase I ESAs or other potentially pertinent reports, plans or information;
- Whether any *environmental liens* or *activity and land use limitations* are in place or filed or recorded against the Site or whether there was pending, threatened, ongoing or past violations, litigation or enforcement action relevant to hazardous substances or petroleum products;
- Whether they had any specialized knowledge or experience related to the Site or nearby properties (e.g., specialized knowledge of the chemicals used by this type of business);
- Whether the (anticipated) purchase price reflects that the Site is or could be contaminated; and
- Whether they were aware of commonly known or reasonably ascertainable information about environmental conditions of the Site including current/past uses of the Site and adjacent properties.

Ms. Alissa Mitrisin, a representative of the Clinton Housing Development Company, provided site access to the Site (Block 1081, lot 1) and answered pertinent questions. Mr. Gerry Ritterman, of Ritterman Capital, Inc. provided access to the 525 West 52nd Street building (Block 1081, Lot 7501). The Phase I ESA was conducted to provide preliminary environmental information as part of due diligence prior to redevelopment. To the extent that pertinent additional information was provided, it has been summarized elsewhere in this report.

6.0 PREVIOUS STUDIES

6.1 On Site Investigations

Phase I Environmental Site Assessment – Commercial Site, 525 West 52nd Street, New York, NY 10019, Environmental Management Solutions of New York, Inc. May 2004

Environmental Management Solutions of New York, Inc. (EMSNY) conducted a Phase I Environmental Site Assessment (ESA) of the 525 West 52nd Street building (eastern portion of the Site/Lot 7501) of the Site in 2004. Recognized Environmental Conditions were identified including on-site petroleum bulk storage: EMSNY noted that a vaulted 7,500 gallon aboveground storage tank (AST) was located in the basement of the Site building. Other on-site environmental concerns included: potential contamination from on-site printing activities; a 55 gallon drum labeled as hazardous waste and other unlabeled containers noted on the second floor of the building; containers of photo chemicals, inks, and alcohol; and areas of ink staining associated with the printing process throughout the facility. EMSNY also noted oil staining in the area surrounding the boiler. Suspect ACMs and LBP were identified at the Site.

Phase II Subsurface Investigation, 525 West 52nd Street, General Consolidated Industries (GCI), June 2006

General Consolidated Industries (GCI) performed a limited subsurface investigation at 525 West 52nd Street that included a series of dye tests to determine the discharge configuration of several on-site floor drains, slop sinks, printer drainage points, sump pits, trench drains and bathroom fixtures, and a magnetometer survey in selected areas to search for potential USTs. The results of the dye tracer tests indicated that the drains and fixture were connected to the municipal sewer system, with the exception of two sump pits, three floor drains, and one trench drain located in the basement, that were clogged at the time of the investigation and therefore could not be investigated. The magnetometer survey was conducted in the basement, loading dock and the north-adjacent sidewalk along West 52nd Street. No evidence of USTs was identified during the magnetometer survey. GCI recommended that the clogged drainage structures be cleared of debris and cleaned and re-tested to determine their drainage configuration.

Limited Due Diligence Investigation, 525 West 52nd Street, Fleming Lee Shue (FLS), December 2010

Fleming Lee Shue (FLS) performed a limited Due Diligence investigation at 525 West 52nd Street that included a site reconnaissance and review of historic land use maps and a subsequent subsurface investigation. The results of the site reconnaissance and historic map review indicated environmental concerns including: the potential presence of on-site buried petroleum tanks; floor drains of an unknown configuration within the building basement; an active fuel oil AST located within a the basement boiler room (and associated piping of an unknown configuration); and a localized area of oil staining on the southeastern portion of the basement. FLS conducted a limited subsurface investigation in 2010 that included a geophysical survey and advancement of soil borings. The results of the geophysical survey indicated anomalies consistent with USTs in the southern portion of the basement. The limited subsurface investigation included the installation of nine soil borings with collection of soil and groundwater samples for laboratory analysis. The borings were advanced to apparent bedrock, encountered at depths ranging between 1 and 4 feet below the basement slab. Apparent perched groundwater was encountered at less than one foot below the basement slab in nearly all of the borings. Soil analytical results were compared to the New York State Department of Environmental Conservation Technical and Administrative Guidance Memorandum (TAGM) 4060 Recommended Soil Cleanup Objectives (RSCOs), the criteria used at that time. Laboratory analytical results indicated no elevated concentrations of volatile organic compounds (VOCs) but some elevated concentrations of semi volatile organic compounds (SVOCs) that were attributed to urban fill materials. Slightly elevated concentrations of metals (zinc and mercury) were

detected from samples collected within the vicinity of two floor drains. Groundwater analytical results were compared to the NYSDEC TOGS 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (Class GA Standards). No VOCs were detected in groundwater samples at concentrations above the Class GA Standards. Several SVOCs, including phenol, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and naphthalene were detected in the perched groundwater sample from the boiler room. FLS concluded that elevated SVOCs were likely petroleum related based on the presence of naphthalene at 95 parts per billion (ppb), above the Class GA standard of 10 parts per billion (ppb), with the exception of a perched groundwater sample taken from a boring advanced on the southeastern portion of the basement. FLS indicated that these SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene) were not petroleum related but were likely due to suspended sediment entrained in the groundwater sample.

7.0 LIMITATIONS AND DATA GAPS

This assessment met the requirements of the American Society for Testing and Materials (ASTM) as established by ASTM Standard E1527-05 at the time it was performed, with the following limitations and data gaps:

- Portions of the building located at 548 West 53rd Street were inaccessible at the time of the Site visit. Additionally, access was unavailable to the interior of the storage shed located at 542-544 West 53rd Street.
- Interviews and user provided information were limited to those discussed in Section 5.0. To the extent that interviews were not conducted with the list of interviewees cited in the ASTM Standard (past and present owners, operators, and occupants of the Site and local government officials), AKRF does not believe that this represents a significant data gap likely to result in additional or significantly changed recognized environmental conditions or conclusions.
- The project site area history was not conducted in five-year intervals. However, sufficient information about the history of the site and surrounding area could be obtained from the available historical Sanborn maps, and New York City Buildings Department records, and this data gap is not likely to alter the conclusions of this report.
- In the judgment of AKRF, none of these limitations or data gaps are not likely to have affected the ability to identify Recognized Environmental Conditions (RECs).

8.0 CONCLUSIONS AND RECOMMENDATIONS

This Phase I Environmental Site Assessment was performed in conformance with ASTM Standard E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*. Any exceptions to, or deletions from, this practice are described in Section 7.0. The term "Recognized Environmental Condition" means the presence or likely presence of hazardous substances or petroleum at the Site, including the ground, groundwater, or surface water at or under the Site.

This assessment revealed evidence of Recognized Environmental Conditions (RECs). A summary of the findings is as follows:

On-Site RECs

- A review of Sanborn maps and Building Department files indicated historical on-site uses included: multiple auto repair shops, a metal works, a bottling works, a chemical works, a plastics manufacturer, a sheet metal works, a printing facility with a gasoline tank, and a lumber yard. The Site currently includes two auto body repair shops with painting operations, a storage shed, and a commercial/office building formerly used for printing operations and manufacturing. Historical/current uses may have affected the Site subsurface. Potential buried structures from former on-site buildings, possibly containing petroleum underground storage tank (USTs), and/or historic fill of unknown origin, could be present beneath the Site.
- The 525 West 52nd Street address was listed in the regulatory databases as a generator of hazardous wastes for the production of waste streams including ignitable wastes, corrosive wastes and silver associated with former printing operations. This address was also listed on the New York State Department of Environmental Conservation (NYSDEC) Spills database with two closed regulatory status spills (though one appeared to actually relate to an off-Site address) including a release of approximately 25 gallons of transformer oil within a subterranean transformer vault in 2000 that was subsequently cleaned and closed. Historic activities at this facility may have affected the Site subsurface.
- A limited subsurface investigation conducted at 525 West 52nd Street in 2010 identified magnetic anomalies beneath the southern portion of the basement (indicating the potential presence of USTs). Soil and groundwater sampling identified elevated concentrations of semi-volatile organic compounds (SVOCs) and slightly elevated concentrations of metals (zinc and mercury) in soil; and some elevated concentrations of SVOCs in groundwater samples collected from the boiler room and from the southeastern portion of the basement in an area of observed surface staining.
- Apparent drainage structures of an unknown configuration were noted throughout 525 West 52nd Street building. The results of a limited subsurface investigation conducted in 2006 indicated that these were connected to the municipal sewer system, with the possible exception of two sump pits, three floor drains, and one trench drain located in the basement, that were clogged at the time of the investigation (preventing a determination of their connections), and therefore may allow discharge to the subsurface.
- Portions of the Site (530-538 West 53rd Street and 543 West 52nd Street) were covered with soil likely associated with excavation activities at the adjacent ongoing construction site that may comprise uncontrolled urban fill materials. While no signs of contamination were noted, the quality of this soil is unknown, as former uses of the construction site included industrial/automotive operations including metal works and auto repair shops.

On-Site Issues that are not considered RECs

- During the reconnaissance, a vaulted 7,000-gallon No. 2 fuel oil aboveground storage tank (AST) was observed within the basement of 525 West 52nd Street. This tank is registered under the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage (PBS) with ID# 2-337129. Minor staining was observed on the tank exterior and on the vault room floor, but no evidence of a significant release was noted. Two approximately 500-gallon No. 2 fuel oil ASTs were observed within the basement of 538 West 53rd Street that were used to fuel the building's boiler. No significant stains or odors were noted in connection with these tanks.
- A closed status spill was listed for 546 West 53rd Street (corresponding to the northern portion of the Site) relating to a Consolidated Edison generator plant noted as being located on the East River that appears to be associated with an off-site location with an erroneous address listing, and therefore is not considered a REC.
- Suspect asbestos-containing materials (ACMs) were observed during the reconnaissance, including resilient and ceramic floor and wall tile and associated mastic, pipe insulation, duct insulation, electrical panel partitions, electrical insulation, ceiling tile, wallboard, plaster, joint compound and roofing materials in good to poor condition. A 2010 limited asbestos survey conducted at 525 West 52nd Street identified roofing and flashing materials and air cell pipe insulation (and associated mudded joints) as assumed ACM.
- Based on the age of the structures, painted surfaces may contain lead paint. Painted surfaces observed on the exterior and interior portions of the structures ranged from good to poor condition.
- Based on the age of the buildings, electrical equipment (including vaulted transformers) and lighting fixtures on-site may include PCB-containing elements. One hydraulic freight elevator was located in the 525 West 52nd Street building that may include PCB-containing components. No obvious leaks or odors were observed in connection with this equipment or the lighting fixtures. A closed status spill was cited for a transformer vault adjacent to the 525 West 52nd Street building in January of 2000 that was contained and cleaned and subsequently closed (no information pertaining to PCB content was noted in the spill record).

Off-Site RECs

- Sanborn maps and the regulatory database search identified several former automotive facilities elsewhere on the same block including: a garage with a gasoline tank, a welding shop and an auto repair shop (1926-1930 Sanborn map); additional automotive facilities including a filling station on the northeastern portion of the block (1951-1988 Sanborn maps) that was listed in the Brownfield Cleanup Program and on the PBS, RCRA and NY Spills database with documented groundwater contamination including a contaminant plume emanating off site; a taxi repair facility on the southwestern portion of the block (1951 Sanborn map) that was also listed on the NY Spills and PBS databases; and several repair shops and metal works facilities that were shown adjacent to the Site on the 1926-1988 Sanborn maps. Migration of contamination associated with such uses may have affected the Site subsurface.
- Sanborn maps and the regulatory database search identified industrial and automotive uses on the surrounding blocks between 1907 and 2006 including: auto repair shops, garages with gasoline tanks and a railroad company facility (later developed with an auto storage facility and a garage) on the north-adjacent block; and a twine and hammock manufacturer (later converted to a piano factory), manufacturing uses, auto repair shops and garages with gasoline tanks on the south-adjacent block. Such uses may have affected the Site subsurface.

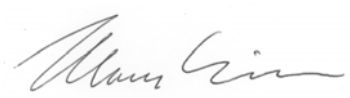
RECOMMENDATIONS:

- Soil and/or groundwater may have been affected by on- and/or off-site former and current uses. To determine whether on-site subsurface conditions have been affected, a subsurface (Phase II) investigation should be conducted, including laboratory analysis of soil, soil vapor, and groundwater samples. To the extent that redevelopment requires discretionary city approvals (i.e., is subject to CEQR and/or ULURP process), the scope of the investigation is typically subject to pre-approval by the NYC Department of Environmental Protection (NYCDEP). Depending of the findings of the investigation, subsurface disturbance associated with new construction may need to be performed in accordance with an NYCDEP-approved Remedial Action Plan and Construction Health and Safety Plan (RAP/CHASP).
- Future development including soil disturbance could encounter contaminated soil. If evidence of contaminated soil (e.g., stains or odors) is encountered, these materials (and all other materials requiring off-site disposal) should be disposed of in accordance with applicable federal, state and local regulations. Known and any unforeseen USTs should be properly assessed, closed and removed in accordance with state, and local regulations prior to any renovation, demolition or excavation activities with the potential to disturb them. Any on-site drywells or other drainage structures, if encountered, should be assessed and closed in accordance with applicable regulations. Soil intended for off-site disposal should be tested in accordance with the requirements of the receiving facility. Transportation of material leaving the site for off-site disposal should be in accordance with federal, state and local requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.
- Prior to any renovation or demolition activities with the potential to disturb suspect ACMs, an asbestos survey must be conducted to determine whether these materials are ACMs. If these materials prove to contain asbestos, they must be properly removed and disposed of prior to renovation/demolition in accordance with applicable regulatory requirements.
- Unless there is labeling or test data that indicates that florescent lights, other electrical equipment, and hydraulic fluid are not mercury- and/or PCB-containing, if disposal is required, it should be performed in accordance with applicable federal, state and local regulations and guidelines.
- Any renovation activities with the potential to disturb lead-based paint must be performed in accordance with the applicable Occupational Safety and Health Administration regulation (OSHA 29 CFR 1926.62—*Lead Exposure in Construction*).
- Any containers of cleaning fluids, paints, chemicals, etc. should be properly disposed of in accordance with all federal, state and local regulations.
- If dewatering is necessary during site construction, the discharge must meet NYCDEP discharge regulations.

9.0 SIGNATURE PAGE

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312

I have the specific qualifications based on education, training, and experience to assess a Site of the nature, history, and setting of the Site for which the assessment was performed. I have performed all the appropriate inquiries in conformance with standards and practices set forth in 40 CFR Part 312.



Marcus Simons
Senior Vice President

Neoma Chefalo
Environmental Scientist

10.0 QUALIFICATIONS

The purpose of this assessment was to convey a professional opinion about the potential presence or absence of contamination, or possible sources of contamination on the Site, and to identify existing and/or potential environmental problems associated with the Site including *Recognized Environmental Conditions* as defined in ASTM Standard E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*.

The assessment was performed in accordance with customary principles and practices in the environmental consulting industry, and in accordance with the above-referenced ASTM Standard, except as noted otherwise in Section 7.0. It should only be used as a guide in determining the possible presence or absence of hazardous materials on the Site at the time of the reconnaissance, as it is based upon the review of readily available records relating to both the Site and the surrounding area, as well as a visual reconnaissance of current conditions.

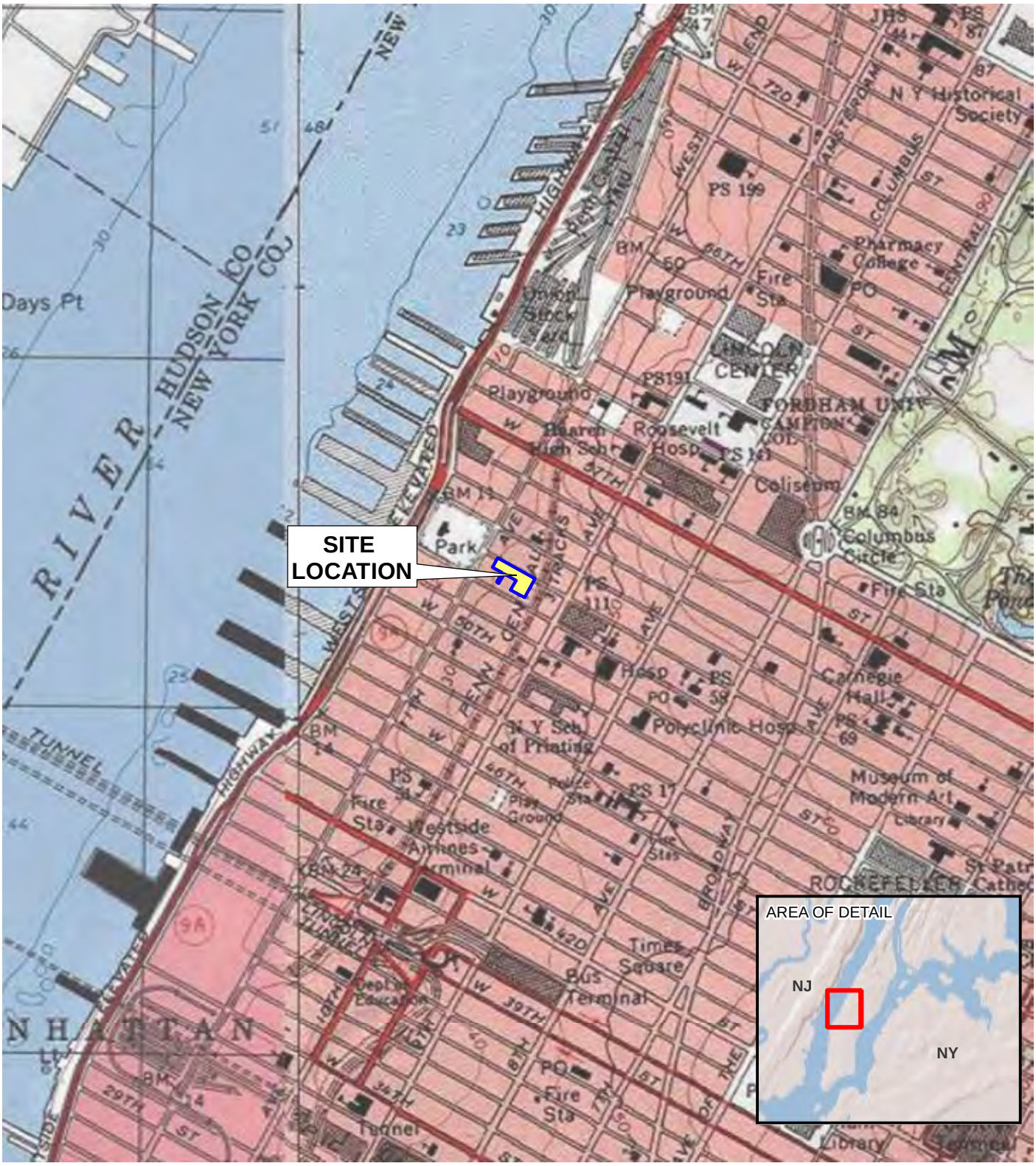
This Phase I Assessment is not, and should not be construed as, a guarantee, warranty, or certification of the presence or absence of hazardous substances, which can be made only with testing, and contains no formal plans or recommendations to rectify or remediate the presence of any hazardous substances which may be subject to regulatory approval. This report is not a regulatory compliance audit.

This report is based on services performed by AKRF, Inc. professional staff and observation of the Site and its surroundings. We represent that observations made in this assessment are accurate to the best of our knowledge, and that no findings or observations concerning the potential presence of hazardous substances have been withheld or amended. The research and reconnaissance have been carried to a level that meets accepted industry and professional standards. Nevertheless, AKRF and the undersigned shall have no liability or obligation to any party other than Clinton Housing Development Company and AKRF's obligations and liabilities to the above, is limited to fraudulent statements made, or grossly negligent or willful acts or omissions.

11.0 REFERENCES

1. New York State Department of Health, Office of Public Health, "Environmental Radiation," *Short Term Basement Radon Measurements by Town*, October 2010.
2. U.S. Geological Survey; *Central Park, NY Quadrangle*; 7.5 minute Series (Topographic); Scale 1:24,000; 1966; Photorevised 1979.
3. Sanborn Insurance Maps dated 1892, 1907, 1911, 1926, 1930, 1951, 1976, 1979, 1988 and 2006.
4. Toxics Targeting, Inc. "530-548 West 53rd Street, New York, NY 10019" *Regulatory Radius Search,* May 2012.
5. U.S. Geological Survey; Open Files Report 89-462; Bedrock and Engineering Geologic Maps ofNew York County and Parts of Kings and New York Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey; Sheet 3 - Bedrock Contours and Outcrops; 1990.
6. Phase I Environmental Site Assessment – Commercial Site, 525 West 52nd Street, New York, NY 10019, Environmental Management Solutions of New York, Inc. May 2004.
7. Phase II Subsurface Investigation, 525 West 52nd Street, General Consolidated Industries (GCI), June 2006.
8. Limited Due Diligence Investigation, 525 West 52nd Street, Fleming Lee Shue (FLS), December 2010.

FIGURES



SOURCE
USGS 7.5 Minute Topographic Map
CENTRAL PARK Quad 1995

0 1,000 2,000 Feet

530-548 WEST 53rd STREET
525 WEST 52nd STREET
NEW YORK, NEW YORK

SITE LOCATION

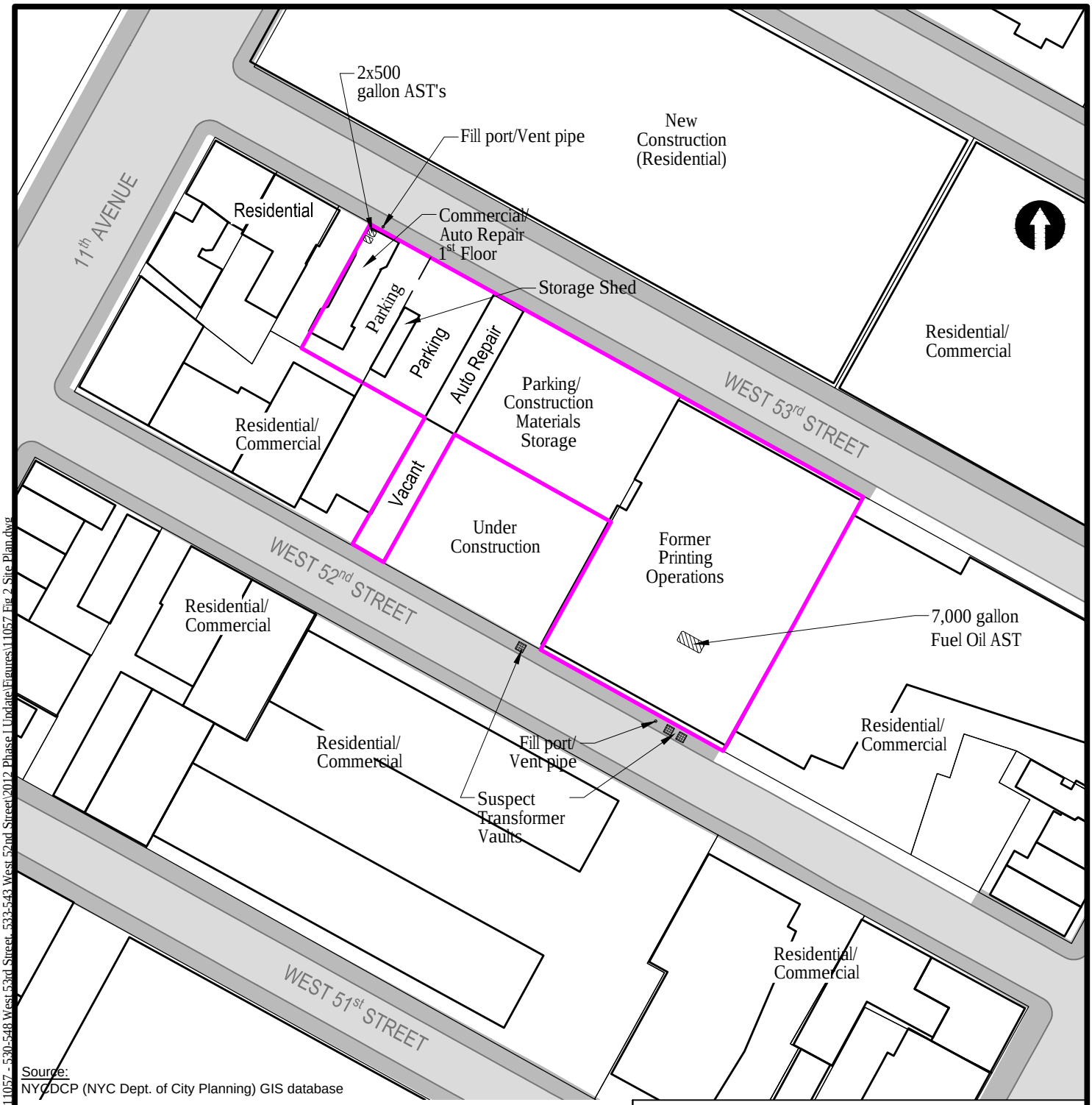
AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
6/28/2012

PROJECT No.
11057

FIGURE
1

©2012 AKRF, Inc. Environmental Consultants O:\Projects\11057 - 530-548 W 53RD ST.-533-543 W 52ND\11057 Fig 1 loc map.mxd



Source:
NYCDCP (NYC Dept. of City Planning) GIS database

0' 25' 50' 100'

SCALE IN FEET

LEGEND:

- PROJECT SITE BOUNDARY
- LOT LINE
- BUILDING LINE
- AST — ABOVEGROUND STORAGE TANK

530-548 WEST 53rd STREET
525 WEST 52nd STREET
NEW YORK, NEW YORK

SITE PLAN

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE 6.11.2012
PROJECT No. 11057
SCALE as shown
FIGURE 2

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APPENDIX A

PHOTOGRAPHIC DOCUMENTATION

Photograph 1: Boiler room located in the basement of 548 West 53rd Street.

Photograph 2: Two 500-gallon fuel oil ASTs located in the in the basement of 548 West 53rd Street.

Photograph 3: Automotive painting operations within the first floor of 548 West 53rd Street.

Photograph 4:. Gravel-lined parking lot located east-adjacent to 548 West 53rd Street.

Photograph 5: Asphalt parking lot and wooden storage shed located at 542-544 West 53rd Street.

Photograph 6: Interior of auto body repair shop including a spray booth located at 540 West 53rd Street.

Photograph 7: Containers of lacquers, paints and paint thinners within the spray booth located at 540 West 52nd Street.

Photograph 8: View of eastern portion of the Site including 530-538 West 53rd Street and the south-adjacent construction site.

Photograph 9: Southern portion of 525 East 52nd Street

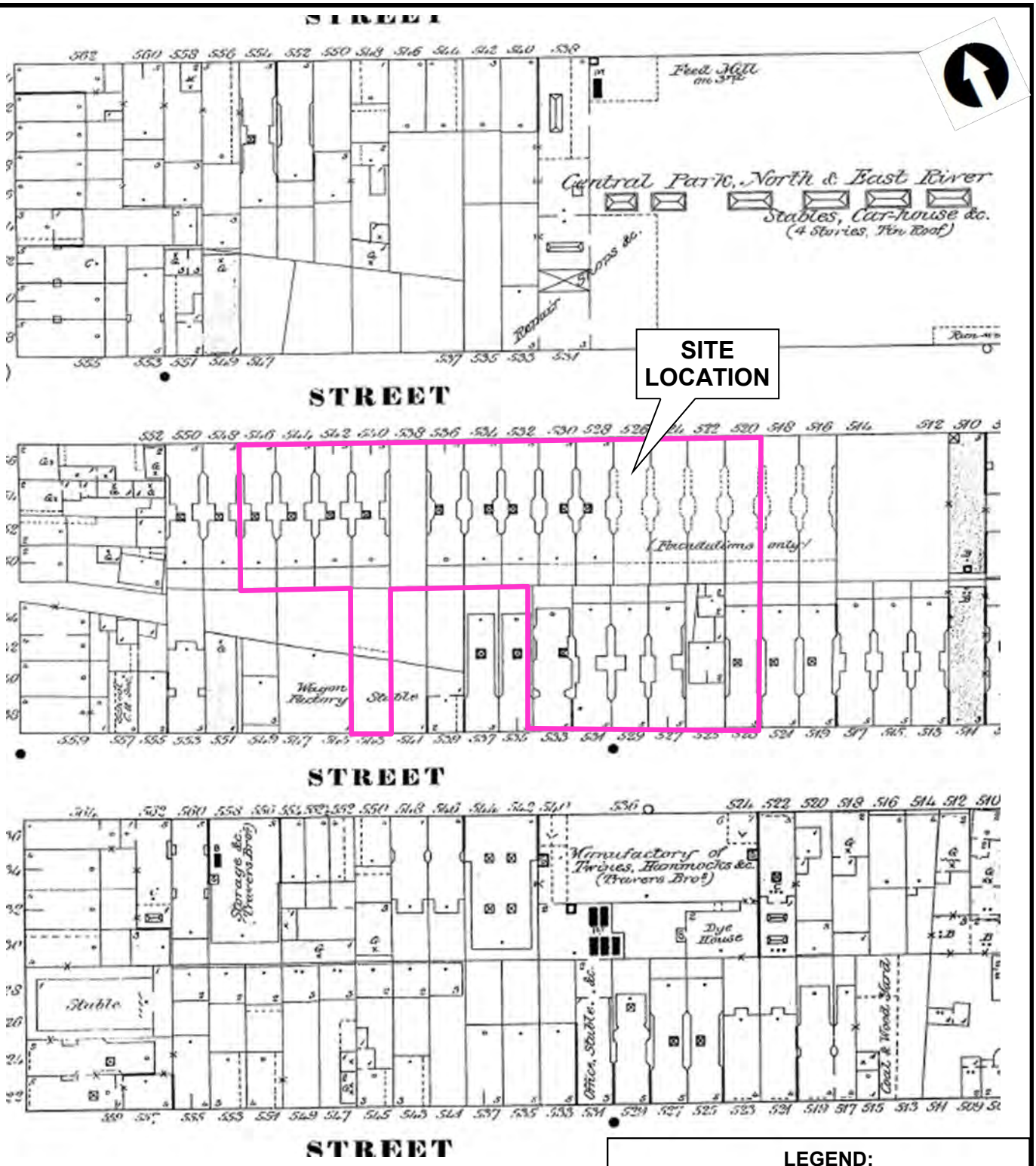
Photograph 10: Minor oil staining on the side of the vaulted 7,000-gallon fuel oil AST located in the basement of 525 West 52nd Street.

Photograph 11: Cut metal piping and spray painted areas within the southern portion of the basement at 525 West 52nd Street.

Photograph 12: Former manufacturing/printing space within 525 West 52nd Street.

APPENDIX B

HISTORICAL SANBORN MAPS



LEGEND:

PROJECT SITE BOUNDARY

530-548 WEST 53rd STREET
525 WEST 52nd STREET
NEW YORK, NEW YORK

1890-1892 SANBORN MAP

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DATE **06.11.12**
PROJECT No. **11057**
SCALE **nts**
FIGURE **Appx B**

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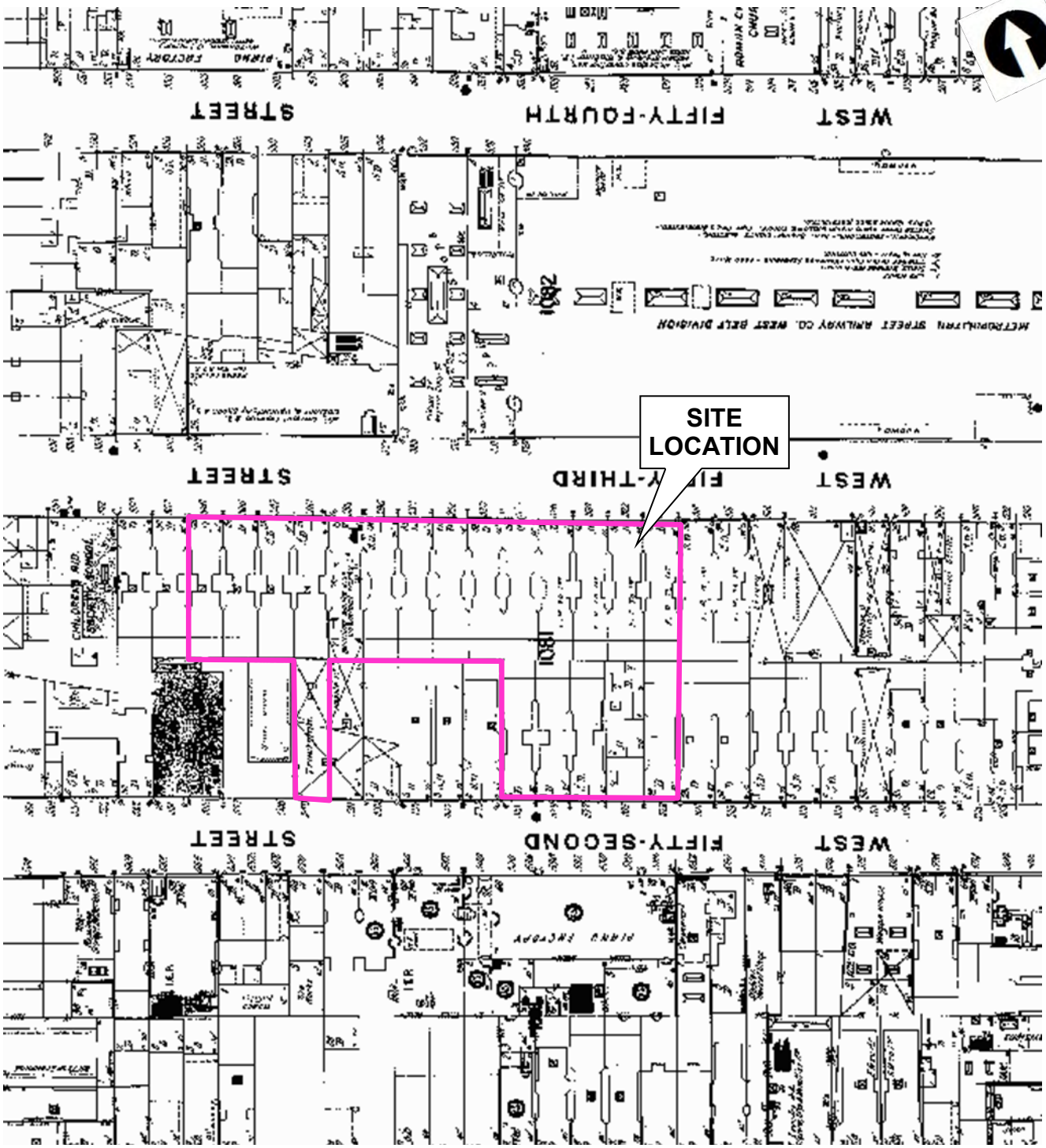

LEGEND:

PROJECT SITE BOUNDARY

530-548 WEST 53rd STREET
525 WEST 52nd STREET
NEW YORK, NEW YORK

1907-1911SANBORN MAP

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PROJECT No. **11057**
SCALE **nts**
FIGURE **Appx B**

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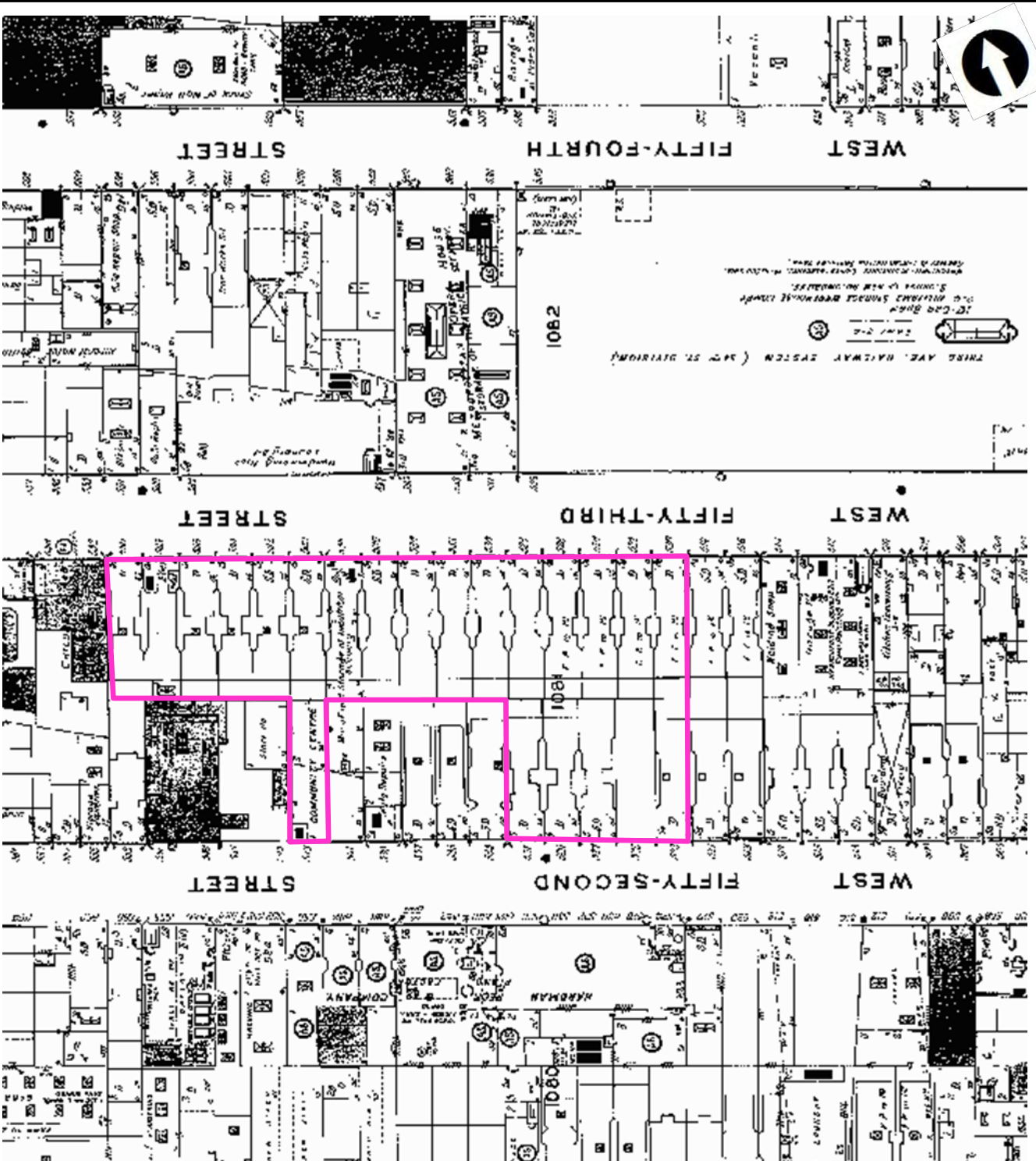

LEGEND:

PROJECT SITE BOUNDARY

530-548 WEST 53rd STREET
525 WEST 52nd STREET
NEW YORK, NEW YORK

1926-1930 SANBORN MAP

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DATE
06.11.12

PROJECT No.
11057

SCALE
nts

FIGURE
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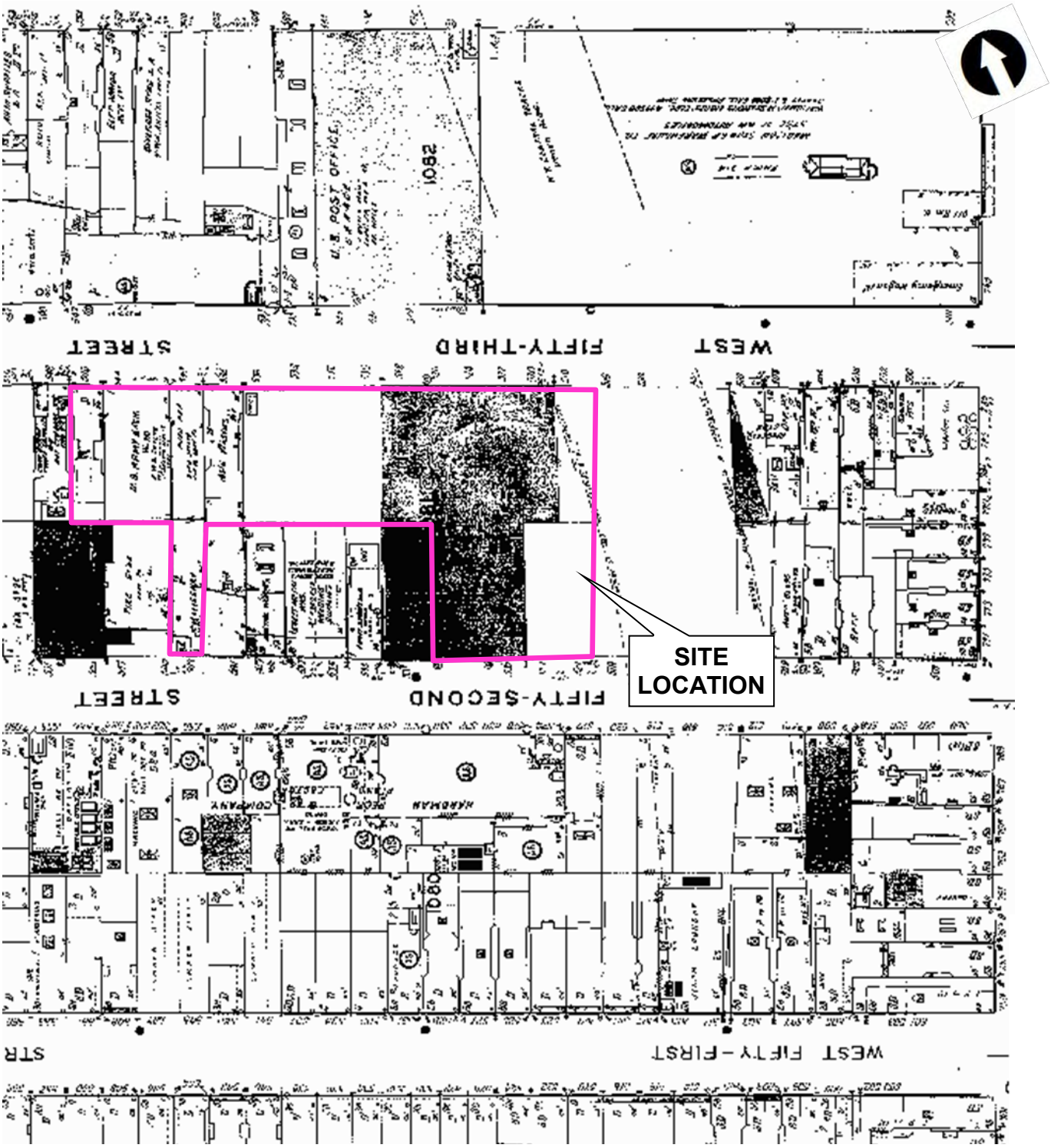

LEGEND:

PROJECT SITE BOUNDARY

530-548 WEST 53rd STREET
525 WEST 52nd STREET
NEW YORK, NEW YORK

1951 SANBORN MAP

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440 Park Avenue South, New York, N.Y. 10016

DATE **06.11.12**
PROJECT No. **11057**
SCALE **nts**
FIGURE **Appx B**

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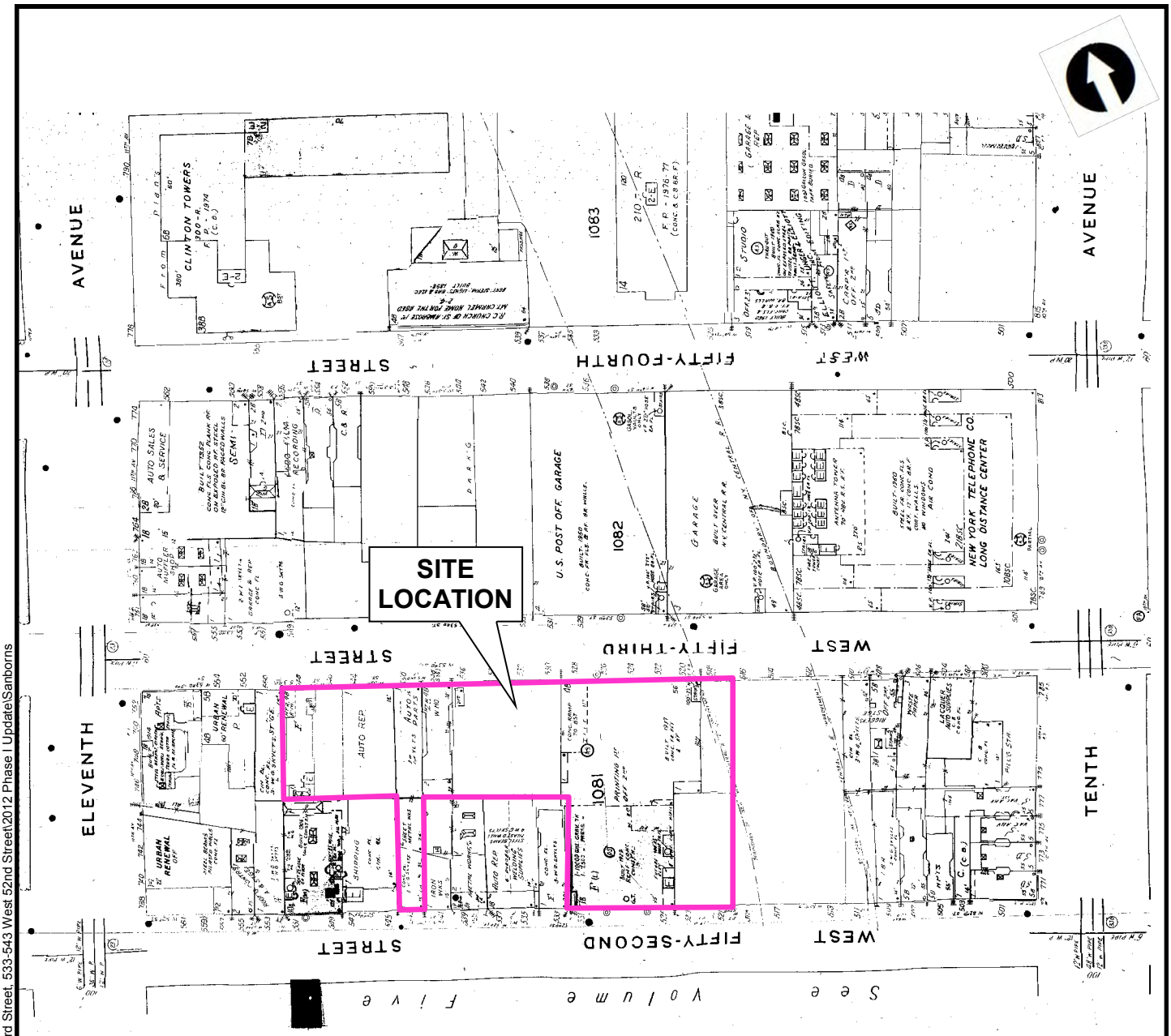

LEGEND:

PROJECT SITE BOUNDARY

530-548 WEST 53rd STREET
525 WEST 52nd STREET
NEW YORK, NEW YORK

1976-1979 SANBORN MAP

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DATE **06.11.12**
PROJECT No. **11057**
SCALE **nts**
FIGURE **Appx B**

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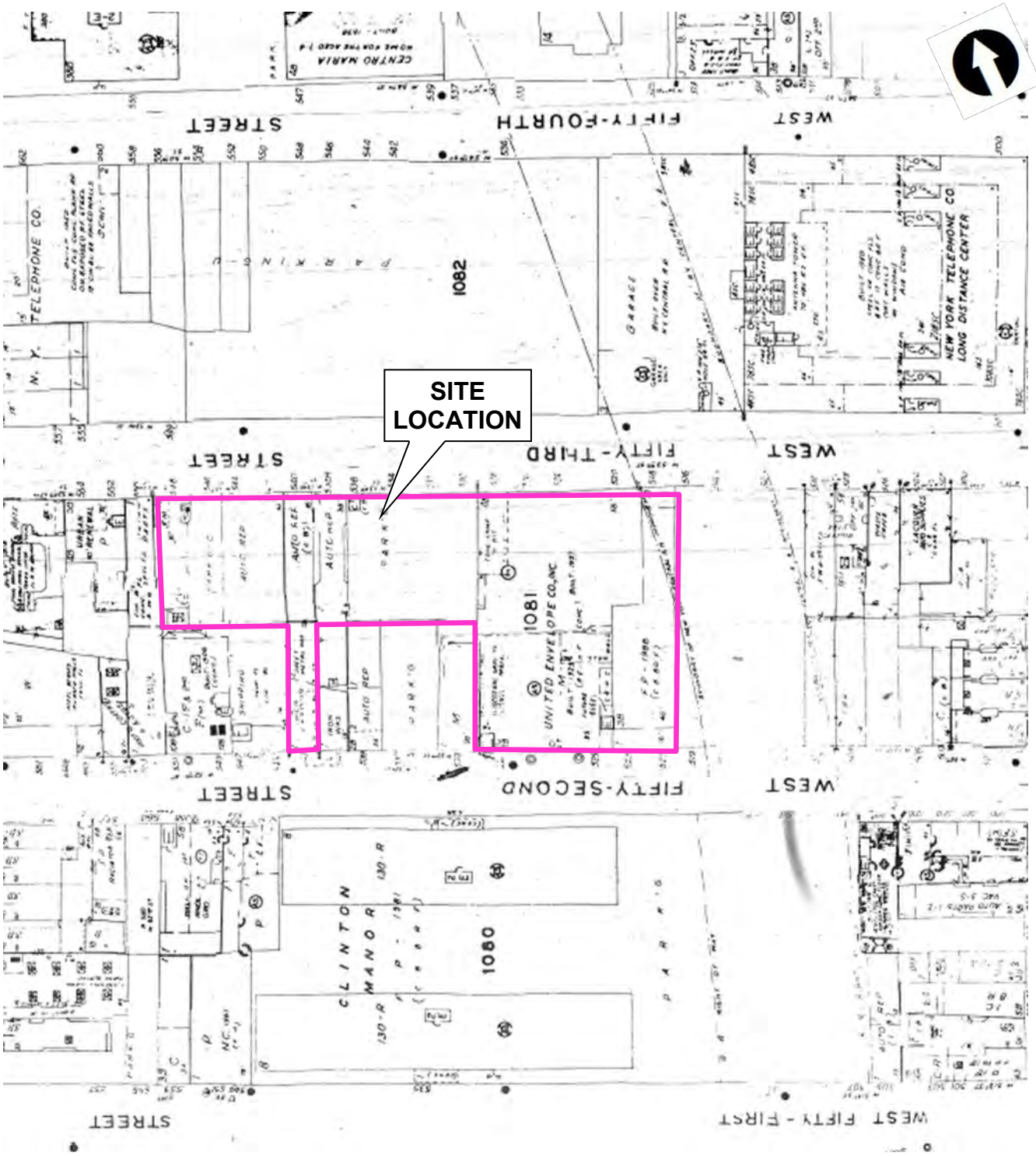

LEGEND:

PROJECT SITE BOUNDARY

530-548 WEST 53rd STREET
525 WEST 52nd STREET
NEW YORK, NEW YORK

1988 SANBORN MAP

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Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE **06.11.12**
PROJECT No. **11057**
SCALE **nts**
FIGURE **Appx B**

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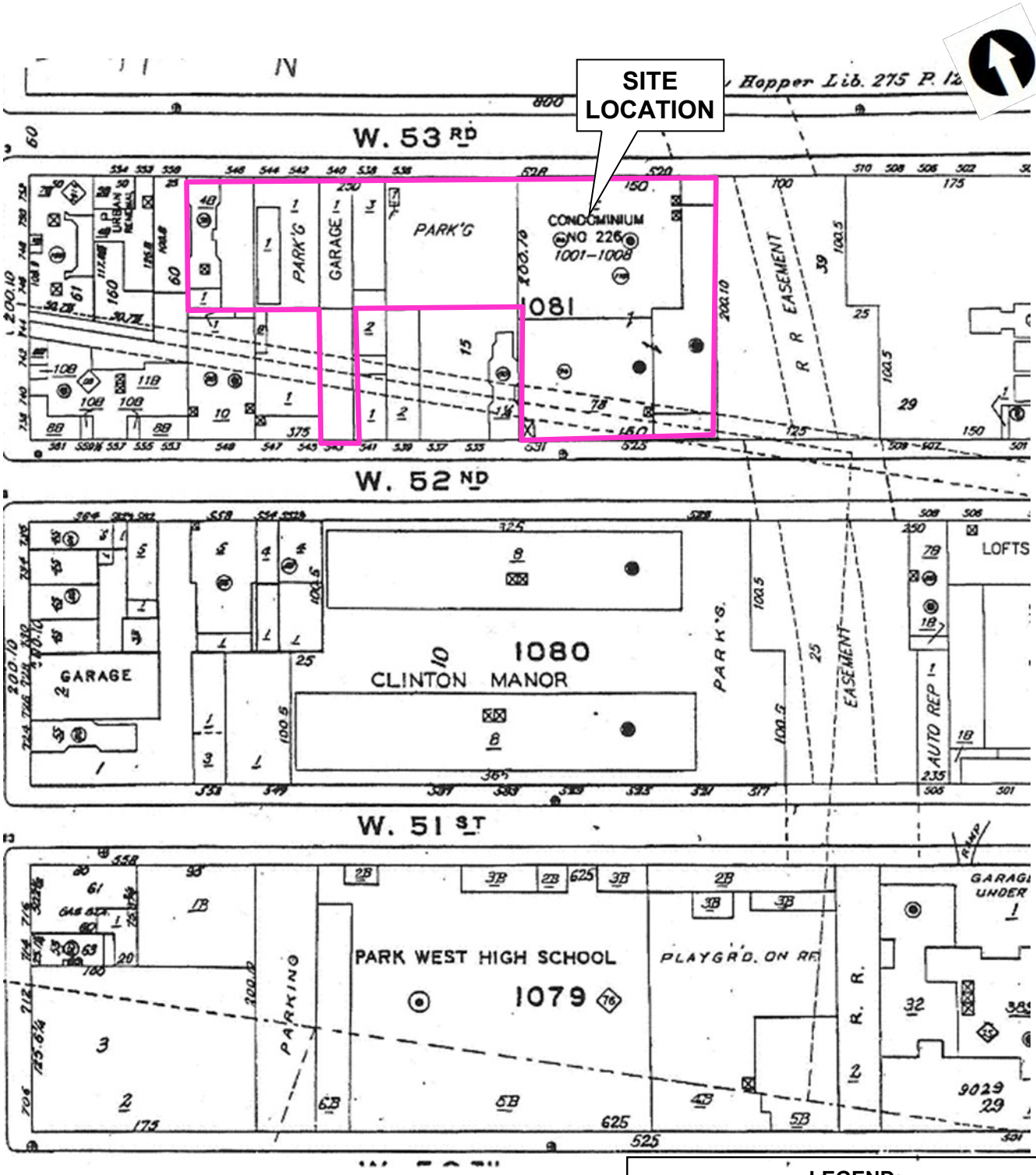

LEGEND:

PROJECT SITE BOUNDARY

530-548 WEST 53rd STREET
525 WEST 52nd STREET
NEW YORK, NEW YORK

2006 SANBORN MAP

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE 06.11.12
PROJECT No. 11057
SCALE nts
FIGURE Appx B

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APPENDIX C
REGULATORY RECORDS REVIEW

TOXICS TARGETING

Phase I
Environmental Database Report

530-548 West 53rd Street
New York, NY 10019

May 14, 2012

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PLEASE REFER TO PAGES ONE AND FIVE FOR A DESCRIPTION OF SOME OF THE LIMITATIONS OF THIS ENVIRONMENTAL REPORT.

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- *How to Use Your Report*
- *Toxic Site Databases Analyzed In Your Report*
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Section Three: Appendices

- *USEPA ERNS Check*
- *Unmappable Sites*
- *Hazardous Waste Codes*
- *Information Source Guide*

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Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Environmental Report.* It checks for the presence of 25 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

1. ***Maps*** the approximate locations of selected government-reported toxic sites identified on or near a specified target address.

2. ***Estimates*** the distance and direction between the target address and each identified toxic site.

3. ***Reports*** air and water permit non-compliance and other regulatory violations.

4. ***Profiles*** some aspects of the usage, manufacture, storage, handling, transport or disposal of toxic chemicals at individual sites.

5. ***Summarizes*** some potential health effect information and drinking water standards for selected chemicals reported at individual sites.

The Three Sections Of Your Report

The first section highlights your report's findings by summarizing identified sites according to: **a)** distance intervals, **b)** direction, **c)** proximity to the target address and **d)** individual site categories. In addition, the locations of all identified toxic sites are illustrated on individual maps for each radius search distance used in your report. A close-up map illustrates the locations of all identified toxic sites, at the shortest radius search distance used in your report. Finally, a map of tax parcels and a table of selected information about those parcels are included.

The second section of your report contains *Toxic Site Profiles* that provide detailed information on each identified toxic site. The information in each *Toxic Site Profile* varies according to its source. Some toxic site categories have extensive information and some have limited information. All the information is updated on a regular basis.

The third section of the report contains appendices that identify: **1)** on-site spills reported to the national Emergency Response Notification System (ERNS), **2)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **3)** codes that characterize hazardous wastes reported at various facilities, **4)** methods used to map toxic sites identified in your report and **5)** information sources used in your report.

How to Use Your Report

- Check Table One to see the number of identified sites by distance intervals.

- Check Table Two to see identified sites sorted by direction.

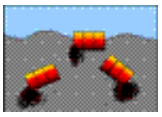
- Check Table Three to see identified sites ranked by proximity to the target address.

- Check Table Four to see identified sites sorted by site categories.

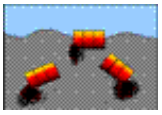
- Use Table Five to get info for the subject parcel and every parcel found on the Tax Parcel Map
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

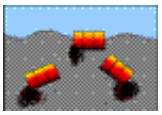
Search Radius

One-Mile 

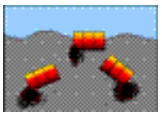
1) ***National Priority List for Federal Superfund Cleanup****:* a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

Half-Mile 

2) ***Delisted National Priority List Sites****:* a listing of NPL sites that have been removed from the National Priority List.

One-Mile 

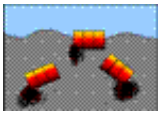
3) ***New York Inactive Hazardous Waste Disposal Site Registry****:* a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile 

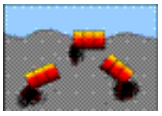
4) ***New York Inactive Hazardous Waste Disposal Site Registry Qualifying****:* a state listing of sites that qualify for possible inclusion to the NYDEC Inactive Haz. Waste Disposal Site Registry.

One-Mile

5) ***RCRA Corrective Action Activity (CORRACTS):*** waste facilities with RCRA corrective action activity reported by the USEPA.

Half-Mile 

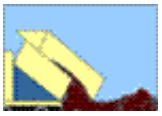
6) ***CERCLIS*** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of Non-NFRAP sites that can pose environmental or public health hazards requiring investigation or clean up.

Half-Mile 

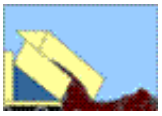
7) ***CERCLIS NFRAP:*** a federal listing of CERCLIS sites that have no further remedial action planned.

Half-Mile

8) ***New York State Brownfield Cleanup Sites****:* a listing of sites that are abandoned, idled or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Half-Mile 

9) ***New York Solid Waste Facilities Registry****:* active and inactive landfills, incinerators, transfer stations or other solid waste management facilities.

Half-Mile 

10) ***New York City 1934 Solid Waste Sites****:* a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.

Half-Mile

11) ***New York and Federal Hazardous Waste Treatment, Storage or Disposal Facilities****:* sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRIS). Also includes the following database:

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Half-Mile

12) ***Toxic Spills: active and inactive or closed*** spills reported to state environmental authorities, including *remediated* and *unremediated* leaking underground storage tanks. This database includes the following categories:

- Tank Failures
- Tank Test Failures
- Unknown Spill Cause or Other Spill Causes
- Miscellaneous Spill Causes

Eighth-Mile

13) ***New York State Major Oil Storage Facilities****:* sites with more than a 400,000 gallon capacity for storing petroleum products.

Eighth-Mile

14) ***New York State Petroleum Bulk Storage Facilities****:* sites with more than an 1,100 gallon capacity for storing petroleum products.

Eighth-Mile

15) ***New York City Fire Dept Tank Data****:* tank data from 1997.

Eighth-Mile

16) ***New York and Federal Hazardous Waste Generators and Transporters****:* sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRA). Also includes the following database:

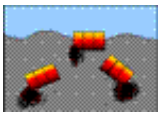
- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Eighth-Mile

17) ***New York Chemical Bulk Storage Facilities****:* sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

Eighth-Mile

18) ***Historic New York City Utility Sites (1890's to 1940's)****:* power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

Half-Mile 

19) ***New York Hazardous Substance Disposal Site Draft Study****:* a state listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites were not eligible for state clean up funding programs.

Eighth-Mile

20) ***Federal Toxic Release Inventory Facilities****:* discharges of selected toxic chemicals to air, land, water or treatment facilities.

Eighth-Mile

21) ***Federal Air Discharges****:* air pollution point sources monitored by U.S. EPA and/or state and local air regulatory agencies.

Eighth-Mile

22) ***Federal Permit Compliance System Toxic Wastewater Discharges:*** permitted toxic wastewater discharges.

Eighth-Mile

23) ***Federal Civil and Administrative Enforcement Docket****:* judiciary cases filed on behalf of the U. S. Environmental Protection Agency by the Department of Justice.

On-site only (250 ft)

24) ***New York City Environmental Quality Review (CEQR) – E Designation Sites****:* parcels assigned a special environmental ("E") designation under the CEQR process. E designation requires specific protocols that must be followed.

Property only

25) ***ERNS: Federal Emergency Response Notification System Spills****:* a listing of federally reported spills.

Limitations Of The Information In Your Report

The information presented in your *Environmental Report* has been obtained from various local, state and federal government agencies. Please be aware that: **1)** additional information on individual sites may be available, **2)** newly discovered sites are continually reported and **3)** all map locations are approximate. As a result, this report is intended to be the FIRST STEP in the process of identifying and evaluating possible environmental threats to specific properties and can only serve as a guide for conducting on-site visits or additional, more detailed toxic hazard research.

Toxics Targeting tries to ensure that the information in your report is presented accurately and with minimal alteration. Systematic changes are made to correct obvious address errors in order to allow sites to be mapped. Any address changes that are made are noted in the map information section at the top of each corresponding *Toxic Site Profile*. Some information that has been withheld by government authorities remains included in Toxic Site Profiles and is identified as archival information. Since the information presented in your report is not edited, please be aware that it can contain reporting errors or typographical mistakes made by the site owners/operators or government agencies that produced the information. Also please be aware of some other limitations of the information in your report:

- The digital map used by *Toxics Targeting* is the same one used by the U. S. Census or local authorities in New York City. While the map is generally accurate, no map is perfect. In addition, *Toxics Targeting's* mapping methods estimate where toxic site addresses are located if the address is not specifically designated. FOR THESE REASONS, ALL MAP LOCATIONS OF ADDRESSES AND REPORTED TOXIC SITES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY ON-SITE VISITS;

- UNDISCOVERED, UNREPORTED OR UNMAPPABLE TOXIC SITES MIGHT NOT BE IDENTIFIED BY THIS REPORT'S CHECK OF 25 TOXIC SITE CATEGORIES. TOXIC SITES REPORTED IN OTHER GOVERNMENT DATABASES MIGHT ALSO EXIST. FOR THESE REASONS, YOUR REPORT MIGHT NOT IDENTIFY ALL THE TOXIC SITES THAT EXIST IN THE AREA IT SEARCHES;

- The appendix of your report contains a listing of sites that could not be mapped due to incomplete or erroneous address information or other mapping problems. This listing includes unmappable toxic sites in the zip codes searched for the report as well as toxic sites without zip codes reported in the same county. IF YOU WOULD LIKE INFORMATION ON ANY OF THE LISTED SITES, PLEASE CONTACT *TOXICS TARGETING AND REFER TO THE SITE ID NUMBER.*

- New York State Department of Environmental Conservation Remediation Site Borders are approximate and may not align with tax parcel boundaries mapped by local authorities or the digital map used by the US Census Bureau. As a result, Remediation Site Borders may overlap parcels that do not involve site remediation activities. Selected parcels also can involve multiple Remediation Site Borders. Refer to individual site profiles for more information. Sites without profiles include potential new sites or sites that have not yet been publicly listed by DEC.

- Some toxic sites identified in your report may be classified as **known hazards**. Most of the toxic sites identified in your report involve **potential hazards** related to the on-site use, manufacture, handling, storage, transport or disposal of toxic chemicals. Some of the toxic sites identified in your report may be the addresses of parties responsible for toxic sites located elsewhere. YOU SHOULD ONLY CONCLUDE THAT TOXIC HAZARDS ACTUALLY EXIST AT A SPECIFIC SITE WHEN GOVERNMENT AUTHORITIES MAKE THAT DETERMINATION OR WHEN THAT CONCLUSION IS FULLY DOCUMENTED BY THE FINDINGS OF AN APPROPRIATE SITE INVESTIGATION UNDERTAKEN BY LICENSED PROFESSIONALS;

- Compass directions and distances are approximate. Compass directions are calculated from the subject property address to the mapped location of each identified toxic site. The compass direction does not necessarily refer to the closest property boundary of an identified toxic site. The compass direction also can vary substantially for toxic sites that are located very close to the subject property address.

- The information presented in your report is a summary of the information that *Toxics Targeting* obtains from government agencies on reported toxic sites. YOU MAY BE ABLE TO OBTAIN ADDITIONAL INFORMATION ABOUT REPORTED SITES WITH THE FREEDOM OF INFORMATION REQUEST FORM LETTERS THAT ARE PROVIDED ON THE INSIDE OF THE BACK COVER.

Section One:

Report Summary

- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites By Category*
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- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Eighth-Mile Radius Map*
- *Map Four: Eighth-Mile Radius Close up Map*
- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 - 100 ft	100 ft - 1/8 mi	1/8 mi - 1/4 mi	1/4 mi - 1/2 mi	1/2 mi - 1 mi	Site Category Totals
ASTM-Required 1 Mile Search						
National Priority List (NPL) Sites	0	0	0	0	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	0	0	0	0	0	0
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	0	0
ASTM-Required 1/2 Mile Search						
Delisted National Priority List (NPL) Sites	0	0	0	0	Not searched	0
CERCLIS Superfund Non-NFRAP Sites	0	0	0	0	Not searched	0
CERCLIS Superfund NFRAP Sites	0	0	0	0	Not searched	0
Brownfields Sites						
Voluntary Cleanup Program	0	0	0	2	Not searched	2
Environmental Restoration Program	0	0	0	0	Not searched	0
Brownfield Cleanup Program	0	2	1	4	Not searched	7
NYSDEC Solid Waste Facilities / Landfills	0	0	0	2	Not searched	2
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0	0	1	Not searched	1
NYS Toxic Spills						
Active Tank Failures	0	0	0	0	Not searched	0
Active Tank Test Failures	0	2	1	3	Not searched	6
Active Spills - Unknown / Other Causes	0	1	5	10	Not searched	16
Active Spills - Miscellaneous Causes	0	1	3(6)	3(7)	Not searched	7(13)
Closed Tank Failures	0	6	4	23	Not searched	33
Closed Tank Test Failures	0	4	5	22	Not searched	31
Closed Spills - Unknown / Other Causes	2	19	59	245	Not searched	325
Closed Spills - Miscellaneous Causes	0	25	13(119)	28(258)	Not searched	66(377)
ASTM-Required Property & Adjacent Property (1/8 Mile Search)						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	1	24	Not searched	Not searched	Not searched	25
RCRA Hazardous Waste Generators & Transporters	1	33	Not searched	Not searched	Not searched	34
NYS Chemical Bulk Storage Sites	0	0	Not searched	Not searched	Not searched	0
Historic Utility Facilities	0	0	Not searched	Not searched	Not searched	0
ASTM-Required On-Site Only Search						
NYC Environmental Quality Review Requirements ("E") Sites*	0	0	Not searched	Not searched	Not searched	0
Emergency Response Notification System (ERNS)	0	Not searched	Not searched	Not searched	Not searched	0
Institutional Controls / Engineering Controls (IC/EC)	See databases for NPL, CERCLIS, Inactive Hazardous Waste Disposal Site Registry and Brownfield Sites.					
ASTM-Required Databases Distance Interval Totals	**4**	**117**	**91(125)**	**343(265)**	**0**	**555(390)**

Numbers in ( ) indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

* NYC Environmental Quality Review Requirements ("E") Sites were searched at 250 feet.

NOTE: Table continues on next page.

Non-ASTM Databases 1/2 Mile Search						
1934 NYC Municipal Waste Landfills	0	0	0	0	Not searched	0
Hazardous Substance Waste Disposal Sites	0	0	0	0	Not searched	0
Non-ASTM Databases 1/8 Mile Search						
Toxic Release Inventory Sites (TRI)	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0	Not searched	Not searched	Not searched	0
Air Discharges	0	2	Not searched	Not searched	Not searched	2
Civil & Administrative Enforcement Docket Facilities	0	0	Not searched	Not searched	Not searched	0
Non-ASTM Databases Distance Interval Totals	**0**	**2**	**0**	**0**	**Not Searched**	**2**
Distance Interval Totals	***4***	***119***	***91(125)***	***343(265)***	***0***	***557(390)***

Numbers in ( ) indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

Identified Toxic Sites by Direction

530-548 West 53rd Street
New York, NY 10019

* Compass directions can vary substantially for sites located very close to the subject property address.

Sites less than 100 feet from subject property sorted by distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
106	EXCAVATION	541 WEST 52ND ST	0 feet	Closed Status Spill (Unk/Other Cause)
522	WEST 52ND AFFORDABLE DEVELOPERS LLC	533-541 W 52ND ST	0 feet	Hazardous Waste Generator/Transporter
107	546 WEST 53RD ST	546 WEST 53RD ST	0 feet	Closed Status Spill (Unk/Other Cause)
497	549 WEST 52ND STREET	549 WEST 52ND STREET	95 feet to the WSW*	Petroleum Bulk Storage Site

Sites between 100 ft and 400 ft from the subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
525	NEW YORK TELEPHONE	770 11TH AVE-E 54TH ST	228 feet to the NNE	Hazardous Waste Generator/Transporter
75	N Y TELEPHONE	770 11TH AVE	287 feet to the NNE	Closed Status Tank Test Failure
76	766 11TH AVENUE / NEW YOR	766 11TH AVENUE	287 feet to the NNE	Closed Status Tank Test Failure
112	766 11TH AVENUE	766 11TH AVENUE	287 feet to the NNE	Closed Status Spill (Unk/Other Cause)
113	VACANT LOT	770 11TH AVE	287 feet to the NNE	Closed Status Spill (Unk/Other Cause)
433	FORMER VERIZON FACILITY	770 11TH AVE	287 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
434	IN PARKING LOT	766 11TH AVE	287 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
503	MERCEDES BENZ MANHATTAN, INC	770 11TH AVE	287 feet to the NNE	Petroleum Bulk Storage Site
502	APPLE IND CONDO	525 WEST 52ND STREET	244 feet to the SE	Petroleum Bulk Storage Site
526	ASTRID OFFSET CORP	525 WEST 52ND STREET	249 feet to the SE	Hazardous Waste Generator/Transporter
527	TANA SEYBERT	525 W. 52ND STREET	249 feet to the SE	Hazardous Waste Generator/Transporter
1	CLINTON GREEN DEVELOPMENT PROJECT	51ST - 53RD ST. & 10TH AVE.	349 feet to the SE	Brownfields Site
110	VAULT 3484	525 -537 W 52ND ST	151 feet to the SSE*	Closed Status Spill (Unk/Other Cause)
523	CONSOLIDATED EDISON	#3484-W 52ND ST	153 feet to the SSE*	Hazardous Waste Generator/Transporter
109	52ND STREET	52ND BETWEEN 10TH & 11TH	149 feet to the S*	Closed Status Spill (Unk/Other Cause)
432	52ND ST	52ND ST, 10TH & 11TH AV	149 feet to the S*	Closed Status Spill (Misc. Spill Cause)
504	CLINTON MANOR	535 WEST 51ST STREET	288 feet to the S	Petroleum Bulk Storage Site
435	APARTMENT BLDG	535 W. 51ST ST	291 feet to the S	Closed Status Spill (Misc. Spill Cause)
529	CONSOLIDATED EDISON	535 W51TH ST.	307 feet to the S	Hazardous Waste Generator/Transporter
501	NYC HDA DEPT RELOC	552 W 52 ST	205 feet to the SW	Petroleum Bulk Storage Site
505	CYBERT TIRE CO.	726 ELEVENTH AVENUE	310 feet to the SW	Petroleum Bulk Storage Site
431	549 WEST 52ND STREET	549 WEST 52ND STREET	101 feet to the WSW*	Closed Status Spill (Misc. Spill Cause)
111	560 WEST 52ND STREET	560 WEST 52ND STREET	249 feet to the WSW	Closed Status Spill (Unk/Other Cause)

436	562 W.52ND ST	562 W.52ND ST	304 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
42	FORMER TAXI DEPOT	553-561 W 52ND ST	144 feet to the W*	Closed Status Tank Failure
108	COMMERCIAL PROPERTY	553-561 WEST 52ND ST	144 feet to the W*	Closed Status Spill (Unk/Other Cause)
498	CLINTON PARKVIEW APARTMENTS	555 WEST 52ND STREET	145 feet to the W*	Petroleum Bulk Storage Site
114	MANHOLE # 61725	11 TH AVE NEAR 52ND ST	335 feet to the W	Closed Status Spill (Unk/Other Cause)
532	CONSOLIDATED EDISON	W 52 ST & 11 AVE MH60136	335 feet to the W	Hazardous Waste Generator/Transporter
533	CONSOLIDATED EDISON	11TH AVE & 52ND ST - MH 33217	335 feet to the W	Hazardous Waste Generator/Transporter
534	CONSOLIDATED EDISON	11TH AVE & 52ND ST	335 feet to the W	Hazardous Waste Generator/Transporter
528	CONSOLIDATED EDISON	MH61725-11TH AVE & 52-53RD ST	307 feet to the WNW	Hazardous Waste Generator/Transporter
524	CLINTON HOUSES PARTNERS LP	554 W 53RD ST	168 feet to the NW*	Hazardous Waste Generator/Transporter
499	552 WEST 53RD STREET	552 WEST 53RD STREET	172 feet to the NW*	Petroleum Bulk Storage Site
500	554 WEST 53 STREET	554 WEST 53RD STREET	172 feet to the NW*	Petroleum Bulk Storage Site
530	CLINTON GREEN	W 53 ST & 11 AVE	331 feet to the NW	Hazardous Waste Generator/Transporter
531	CONSOLIDATED EDISON	H61725-W 53RD ST & 11TH AVE	331 feet to the NW	Hazardous Waste Generator/Transporter
437	11TH AVE BETWEEN 53 AND	11TH AVE BET 53RD,54TH ST	395 feet to the NNW	Closed Status Spill (Misc. Spill Cause)

Sites equal to or greater than 400 ft from subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
35	W 54TH ST & 11TH AVE	W 54TH ST / 11TH AVE	492 feet to the N	Active Haz Spill (Misc. Spill Cause)
116	INFINITY OF MANHATTEN	11TH AVE & 54TH STREET	492 feet to the N	Closed Status Spill (Unk/Other Cause)
443	54TH ST	54TH ST & 11TH AV	492 feet to the N	Closed Status Spill (Misc. Spill Cause)
444	BUS	54TH & 11TH AVE	492 feet to the N	Closed Status Spill (Misc. Spill Cause)
540	CONSOLIDATED EDISON	11TH AVE & 54TH ST	492 feet to the N	Hazardous Waste Generator/Transporter
541	CONSOLIDATED EDISON - MH 33225	S/W 11TH AVE & WEST 54TH ST	492 feet to the N	Hazardous Waste Generator/Transporter
129	CONSTRUCTION SITE	W. 55TH ST./ 11TH AVE.	713 feet to the N	Closed Status Spill (Unk/Other Cause)
143	VACANT LOT	789 11TH AVE	893 feet to the N	Closed Status Spill (Unk/Other Cause)
23	LEXUS DEALERSHIP	835 11TH AVE	1164 feet to the N	Active Haz Spill (Unknown/Other Cause)
4	MID BLOCK #57 PROJECT	615-649 WEST 57TH STREET	1481 feet to the N	Brownfields Site
5	OFF-SITE MID-BLOCK #57 PROJECT	615-649 WEST 57TH STREET	1481 feet to the N	Brownfields Site
92	TOYOTA BUILDING	623 WEST 57TH ST	1559 feet to the N	Closed Status Tank Test Failure
62	59TH ST STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Tank Failure
260	59TH ST GERERATING	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
261	59TH STREET GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
262	59 ST GENERATER STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
263	GENERATING STATION	WEST 59TH ST & 11TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
264	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
265	CON EDISON CHAMBER	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
266	EAST 59TH ST GEN. STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
267	59TH STREET STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
268	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
269	850 12TH AVE	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
270	59TH ST GENERATION STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
271	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
272	59TH ST GENERATING STA	850 12TH AVE (DOCK AREA)	1807 feet to the N	Closed Status Spill (Unk/Other Cause)

273	59TH ST GENERATING STAT	11TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
274	59 TH STREET STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
275	59TH ST SUB STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
276	59TH ST GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
277	59TH ST GENERATING STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
278	850 12TH AVE & 59TH ST	850 12TH AVE / 59TH ST	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
279	850 12TH AVE & 59TH ST	850 12TH AVE / 59TH ST	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
280	59TH ST & 12TH AVENUE	59TH ST / 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
281	CON ED- 59TH ST GEN. STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
282	59TH ST GEN STATION	850 12TH ST	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
283	59TH ST GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
284	850 12TH AVE/WEST 59TH ST	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
285	CON EDISON	12TH AVE / 58TH ST	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
286	CON ED GENERATING	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
287	UNDERGROUND TANK	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
288	59TH GENERATION STATION	59TH ST OFF THE WEST SIDE HIGHWAY	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
289	ASH TUNNEL EMIS 218021	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
290	59TH ST SUB STATION	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
291	CON ED 59TH ST STATION	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
292	59TH STREET GENERATING ST	850 12TH AVE.	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
293	WEST 59 ST S/S. OLD OIL IN SUMP 5-1	850 12 AVENUE. SUBSTATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
294	OIL & GREASE IN SUMP #5.	850 12 AVE. 59 ST GENERATING STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
295	WATER SAMPLES TEST HIGH	850 12 AVENUE. STEAM GEN STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
296	ONE PINT OIL NEAR SUMP 3	850 12 AVE. WEST 59 ST STEAM STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
297	MINOR, RESIDUAL SHEEN INSIDE BOOM	850 12 AVENUE. 59 ST GEN STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
298	TWO GALLON SPILL TO DECK OF BARGE	850 12 AVENUE. PIER 98	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
299	TWO GALLONS FUEL OIL ON STREET	IN FRONT OF 850 12 AVE. 59 ST GEN STAT	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
300	59 STREET STEAM GEN STATION - PIER 98	850 12 AVENUE - DOCK AREA - PIER 98	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
301	SHEEN INSIDE BOOM AT PIER 98	850 12 AVENUE - 59 ST GEN STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
302	59 STREET GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
303	WEST 59 ST GENERATING STATION	850 12 AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
304	600 WEST 59 STREET	AT 11 AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
305	59 STREET GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
306	59TH STATION	850 12TH AVE.	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
307	59 TH GENERATING STATION	850 12 AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
308	59TH ST GENERATING STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
309	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
310	GENERATING STATION	59TH STREET	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
311	59TH ST GENERATING STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
312	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
313	59TH ST STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
314	59TH ST GEN. STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
315	59TH STREET GENERATOR STN	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
316	59TH STREET GENERATING ST	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
317	HUDSON RIVER	850 12TH AVE - GEN. PLANT	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
318	59TH ST GENERATOR STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
319	59 STREET GENER.STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
320	59TH ST STEAM STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
321	SUMP #1 59TH ST STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
322	59TH ST GENERATING PLANT	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
323	59TH STREET GENERATING ST	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
324	59TH ST GEN STATION	59TH STREET	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
325	59TH ST GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)

326	59TH ST STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
327	59TH ST GENERATING STAT	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
474	59TH GENERATION SUBSTATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
475	59TH STREET GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
476	59TH ST. GEN STATION	12TH AVE / 59TH ST	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
477	59TH ST & 12TH AV/CON ED	59TH ST & 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
478	850 12TH AVE/CON ED PIER	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
479	59TH ST & 12TH AVE/CONED	59TH ST & 12TH AVE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
480	59TH ST. GENERATIN STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
481	59TH ST GENERATING STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
338	59TH ST BET 11TH & 12TH	59TH ST/ 11TH AND 12TH AV	1890 feet to the N	Closed Status Spill (Unk/Other Cause)
349	12TH AV	BET 58TH & 59TH ST	1991 feet to the N	Closed Status Spill (Unk/Other Cause)
350	SERVICE ROAD TO WEST SIDE HIGHWAY	BETWEEN 58TH & 59TH STREET	1991 feet to the N	Closed Status Spill (Unk/Other Cause)
482	12TH AVENUE / 58TH STREET	12TH AVENUE / 59TH STREET	1991 feet to the N	Closed Status Spill (Misc. Spill Cause)
364	IN TUNNEL BELOW (EMPIRE LINE TUNNEL)	15 WEST END AVE	2093 feet to the N	Closed Status Spill (Unk/Other Cause)
367	UNDER WEST SIDE HIGHWAY	WEST 59TH ST	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
368	12TH AVE AND 59TH STREET	12TH AVE AND 59TH STREET	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
369	ON HUDSON RIVER	BY 59TH ST AND 12TH AVE	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
370	MANHOLE #58430	WEST 59TH ST EAST OF MARGINAL ST	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
371	MANHOLE #58429	WEST 59TH ST EAST OF MARGINAL ST	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
372	''' MANHOLE #58430'''	W 59TH ST / 12TH AV	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
380	HUDSON RIVER - CON ED	59TH ST	2156 feet to the N	Closed Status Spill (Unk/Other Cause)
485	HUDSON RIVER	OFF WEST 59TH STREET	2156 feet to the N	Closed Status Spill (Misc. Spill Cause)
381	PIER 99/59TH ST/MANHATTAN	PIER 99/59TH STREET	2176 feet to the N	Closed Status Spill (Unk/Other Cause)
382	59TH ST/PIER 99/MANH	59TH ST/PIER 99	2176 feet to the N	Closed Status Spill (Unk/Other Cause)
508	CENTRO MARIA	539 W 54 ST	471 feet to the NNE	Petroleum Bulk Storage Site
518	CLINTON TOWERS	790 ELEVENTH AVENUE	575 feet to the NNE	Petroleum Bulk Storage Site
519	PHIPPS HOUSES SERIVES	790 11 AVE	575 feet to the NNE	Petroleum Bulk Storage Site
162	XFMR IN VAULT 1411 IS LEAKING	524 WEST 57 STREET AT 10 AVENUE	1067 feet to the NNE	Closed Status Spill (Unk/Other Cause)
163	CBS BROADCASTING	BETWEEN 56TH & 57TH ST	1067 feet to the NNE	Closed Status Spill (Unk/Other Cause)
164	CBS BROADCASTING STUDIOS	524 WEST 57TH STREET	1067 feet to the NNE	Closed Status Spill (Unk/Other Cause)
16	FORMER MOBIL #17-511	842 11TH AVE	1381 feet to the NNE	Active Tank Test Failure
86	EXXONMOBIL	842 11TH AVENUE	1381 feet to the NNE	Closed Status Tank Test Failure
200	FORMER MOBIL S/S #17-511	842 11TH AVENUE	1381 feet to the NNE	Closed Status Spill (Unk/Other Cause)
218	MANHOLE 60978	W 58 ST / 11 TH AV	1501 feet to the NNE	Closed Status Spill (Unk/Other Cause)
219		WEST 58TH ST/11TH AVE	1501 feet to the NNE	Closed Status Spill (Unk/Other Cause)
6	CE - W. 58TH ST. STATION	11TH AVE. BETWEEN W.58TH - W. 59TH STS.	1544 feet to the NNE	Brownfields Site
238	BTWN 58&59TH ST 11TH AVE	BTWN 58&59TH ST 11TH AVE	1639 feet to the NNE	Closed Status Spill (Unk/Other Cause)
27	FEEDER M52	WEST 49TH ST	1757 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
28	EXCAVATION	59TH STREET AND WEST END AVE	1757 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
29	FEEDER M51	W59TH ST/WEST END AVE	1757 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
39	WEST END AVE/W. 59TH ST	WEST END AVE N/O W59TH ST	1757 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
254	MANHOLE # 58519	11 AVENUE & WEST 59 STREET	1757 feet to the NNE	Closed Status Spill (Unk/Other Cause)
255	OPEN EXCAVATION	WEST END AVE AT 59 ST	1757 feet to the NNE	Closed Status Spill (Unk/Other Cause)
256	SUMP AT 59TH ST AND 11TH	SUMP AT 59TH ST AND 11TH	1757 feet to the NNE	Closed Status Spill (Unk/Other Cause)
330	NYC PARKS DEPT	537 WEST 69TH ST	1825 feet to the NNE	Closed Status Spill (Unk/Other Cause)
331	537 WEST 59TH STREET	537 WEST 59TH STREET	1825 feet to the NNE	Closed Status Spill (Unk/Other Cause)
332		537 W 59TH ST	1825 feet to the NNE	Closed Status Spill (Unk/Other Cause)
95	GASETERIA OIL CORP	2-16 WEST END AVE	1854 feet to the NNE	Closed Status Tank Test Failure
333	COMMERCIAL SITE	2-16 WEST END AVE	1854 feet to the NNE	Closed Status Spill (Unk/Other Cause)
334	GASETERIA	2-16 WEST END AVE	1854 feet to the NNE	Closed Status Spill (Unk/Other Cause)
40	PARKS & RECREATION BLDG	533 W 59TH ST/222 W 60 ST	1871 feet to the NNE	Active Haz Spill (Misc. Spill Cause)

335	OLD CAB GARAGE	555 WEST 59TH ST	1885 feet to the NNE	Closed Status Spill (Unk/Other Cause)
336	VACANT LOT	555 W. 59TH ST.	1885 feet to the NNE	Closed Status Spill (Unk/Other Cause)
337	COMMERCIAL PROPERTY	555 WEST 59TH ST	1885 feet to the NNE	Closed Status Spill (Unk/Other Cause)
342	COMMERCIAL PROPERTY	244 WEST 60TH STREET	1930 feet to the NNE	Closed Status Spill (Unk/Other Cause)
67	EXCAVAVTION	WEST 60TH BETWEEN 10 & 11	2126 feet to the NNE	Closed Status Tank Failure
374	GRID # 39 WEST 61ST STREE	BETWEEN WEST 60TH AND 61S	2126 feet to the NNE	Closed Status Spill (Unk/Other Cause)
7	WEST 61ST STREET SITE	229-251 WEST 60TH, ST., & 218-240 WEST 61TH ST.	2128 feet to the NNE	Brownfields Site
32	SOIL	246-252 WEST 61ST ST	2181 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
70	250 WEST 61TH STREET	250 WEST 61TH STREET	2205 feet to the NNE	Closed Status Tank Failure
386	POTAMKIN VOLKSWAGEN, INC.	30 WEST END AVE	2205 feet to the NNE	Closed Status Spill (Unk/Other Cause)
41	WEST END AVE & W 61ST ST	WEST END AVE & W 61ST ST	2273 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
395	212299; 61 ST AND WEST END AVE	61 ST AND WEST END AVE	2273 feet to the NNE	Closed Status Spill (Unk/Other Cause)
396	WEST END AV W 61ST ST	LEE MILES PARKING GARAGE	2273 feet to the NNE	Closed Status Spill (Unk/Other Cause)
397		W.61ST ST/WEST END AVE	2273 feet to the NNE	Closed Status Spill (Unk/Other Cause)
404	EMPTY LOT	227 WEST 61ST ST	2332 feet to the NNE	Closed Status Spill (Unk/Other Cause)
18	AMSTERDAM HOUSES -NYCHA	205 WEST 61ST STREET	2581 feet to the NNE	Active Tank Test Failure
496	AMSTERDAM HOUSES	60 AMSTERDAM AVE	2581 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
80	HARBORVIEW HOUSES -NYCHA	525 WEST 55TH ST	792 feet to the NE	Closed Status Tank Test Failure
81	HARBORVIEW TERRACE	525 WEST 55TH ST	792 feet to the NE	Closed Status Tank Test Failure
134	HARBORVIEW HOUSES -NYCHA	525 WEST 55TH ST	792 feet to the NE	Closed Status Spill (Unk/Other Cause)
38	CBS BROADCASTING	857 10TH AV	1150 feet to the NE	Active Haz Spill (Misc. Spill Cause)
172	CBS CONSTRUCTION SITE	857 10TH AVE	1150 feet to the NE	Closed Status Spill (Unk/Other Cause)
465	855 TENTH AVENUE	857 10TH AV	1150 feet to the NE	Closed Status Spill (Misc. Spill Cause)
466	CBS	855 10TH AVE	1150 feet to the NE	Closed Status Spill (Misc. Spill Cause)
186	ON ROADWAY	WEST 57TH/10TH AVE	1329 feet to the NE	Closed Status Spill (Unk/Other Cause)
363	TOURO COLLEGE	225 WEST 60TH ST	2086 feet to the NE	Closed Status Spill (Unk/Other Cause)
8	WEST 61ST STREET TENNIS COURT AREA SITE	218 WEST 61ST ST	2186 feet to the NE	Brownfields Site
385	VACANT LOT	228 WEST 61ST STREET	2195 feet to the NE	Closed Status Spill (Unk/Other Cause)
405	SIDEWALK FILL PORT	211 W 61 STREET	2340 feet to the NE	Closed Status Spill (Unk/Other Cause)
418	FORDHAM U. LINCOLN CTR	W.62ND ST & AMSTERDAM AVE	2476 feet to the NE	Closed Status Spill (Unk/Other Cause)
428	MANHOLE 58594	AMSTERDAM AVE/WEST 62ND S	2584 feet to the NE	Closed Status Spill (Unk/Other Cause)
546	CONSOLIDATED EDISON	S/S W 54TH ST 236 W/O 10TH AVE	526 feet to the ENE	Hazardous Waste Generator/Transporter
547	CON EDISON	SS W 54TH ST 236 W OF 10TH AVE	526 feet to the ENE	Hazardous Waste Generator/Transporter
521	55TH ST TAXI GARAGE INCTHE FOUNDRY	508 W 55 ST	657 feet to the ENE	Petroleum Bulk Storage Site
49		500 WEST 56TH ST	900 feet to the ENE	Closed Status Tank Failure
144	CONSTRUCTION SITE	500 W. 56TH ST	900 feet to the ENE	Closed Status Spill (Unk/Other Cause)
166	ENVIRONMENTAL HIGH SCHOOL -M834	448 WEST 56TH STREET	1127 feet to the ENE	Closed Status Spill (Unk/Other Cause)
167		444 W 56TH ST	1127 feet to the ENE	Closed Status Spill (Unk/Other Cause)
168	VAULT # UNKNOWN	444 WEST 56TH ST	1127 feet to the ENE	Closed Status Spill (Unk/Other Cause)
55	467 W. 57TH ST.	467 W. 57TH ST.	1493 feet to the ENE	Closed Status Tank Failure
222	SERVICE BOX #10817	WEST 56TH ST #419	1526 feet to the ENE	Closed Status Spill (Unk/Other Cause)
223	SERVICE BOX 10817	417 W 56TH ST	1544 feet to the ENE	Closed Status Spill (Unk/Other Cause)
224	IFO (BTWN 9 & 10TH AV)	417 W 56TH ST	1544 feet to the ENE	Closed Status Spill (Unk/Other Cause)
59	408 WEST 57TH ST	408 WEST 57TH ST	1667 feet to the ENE	Closed Status Tank Failure
365	MAN HOLE # 40015	9TH AVE / W. 58TH ST	2097 feet to the ENE	Closed Status Spill (Unk/Other Cause)
399	MANHOLE #30458	59TH ST AND COLUMBUS AVE	2285 feet to the ENE	Closed Status Spill (Unk/Other Cause)
400	E. 59TH ST - COLUMBUS AVE	E. 59TH ST - COLUMBUS AVE	2285 feet to the ENE	Closed Status Spill (Unk/Other Cause)
535	AMERICAN TELEPHONE & TELEGRAPH	811 10TH AVE	454 feet to the E	Hazardous Waste Generator/Transporter
536	LUCENT TECHNOLOGIES	611 10TH AVE	454 feet to the E	Hazardous Waste Generator/Transporter
537	CONSOLIDATED EDISON	500 W 54TH STREET MH6326	454 feet to the E	Hazardous Waste Generator/Transporter

538	BELL ATLANTIC	811 10TH AVE - 1ST FLOOR	454 feet to the E	Hazardous Waste Generator/Transporter
115	524 VAULT	811 10TH AVE	461 feet to the E	Closed Status Spill (Unk/Other Cause)
441	VAULT #6326	500 W. 54 STREET	461 feet to the E	Closed Status Spill (Misc. Spill Cause)
442	811 TENTH AVE	811 10TH AVE	461 feet to the E	Closed Status Spill (Misc. Spill Cause)
507	AT&T	811 TENTH AVENUE	461 feet to the E	Petroleum Bulk Storage Site
455	IN FRONT OF	811 10TH AVE	613 feet to the E	Closed Status Spill (Misc. Spill Cause)
128	CONSTRUCTION	54TH ST AND 10TH AVE	708 feet to the E	Closed Status Spill (Unk/Other Cause)
174	THE HITE FACTORY	421 WEST 54TH ST	1177 feet to the E	Closed Status Spill (Unk/Other Cause)
210	VAULT 9263	831 9TH AVE	1437 feet to the E	Closed Status Spill (Unk/Other Cause)
58	400 WEST 56TH ST	400 WEST 56TH ST	1634 feet to the E	Closed Status Tank Failure
240	VAULT #4520	863 9TH AV & 56TH ST	1676 feet to the E	Closed Status Spill (Unk/Other Cause)
247	SERVICE BOX #10642	360 W 55TH ST	1722 feet to the E	Closed Status Spill (Unk/Other Cause)
250	ROADWAY	9TH AVE AND WEST 56TH ST	1749 feet to the E	Closed Status Spill (Unk/Other Cause)
340	9TH AVE/WEST 57TH ST	9TH AVE/WEST 57TH ST	1909 feet to the E	Closed Status Spill (Unk/Other Cause)
373	SCHRAGER HOTEL	353 W 57TH ST	2124 feet to the E	Closed Status Spill (Unk/Other Cause)
483	VAULT #4824	IFO 328 W 56TH ST	2126 feet to the E	Closed Status Spill (Misc. Spill Cause)
384	321 WEST 55TH ST	321 WEST 55TH ST	2190 feet to the E	Closed Status Spill (Unk/Other Cause)
402	322 W 57TH ST	322 W 57TH ST	2298 feet to the E	Closed Status Spill (Unk/Other Cause)
412	945 8TH AVENUE	945 8TH AVENUE	2439 feet to the E	Closed Status Spill (Unk/Other Cause)
419	959 EIGHTH AVE	959 8TH AVE	2478 feet to the E	Closed Status Spill (Unk/Other Cause)
423	CON-ED ASBESTOS	8TH AVE.&W. 56TH ST.	2559 feet to the E	Closed Status Spill (Unk/Other Cause)
74	940 8TH AVE	940 8TH AVE	2631 feet to the E	Closed Status Tank Failure
19	MOBIL SERVICE STATION HPD	783 10TH AVENUE	454 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
77	783 10TH AVENUE	783 TENTH AVENUE	454 feet to the ESE	Closed Status Tank Test Failure
438	MOBIL SERVICE STATION HPD -DDC	783 10TH AVENUE	454 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
439	MOBIL SERVICE STATION HPD -DDC	783 10TH AVENUE	454 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
440	783 10TH AVE/MANH/MOBIL	783 TENTH AVENUE	454 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
506	MOBIL S/S	783 TENTH AVE	454 feet to the ESE	Petroleum Bulk Storage Site
539	MOBIL SERVICE STATION	783 10TH AVE & W 53RD ST	469 feet to the ESE	Hazardous Waste Generator/Transporter
556	53RD ST SERVICE STAT	783 10TH AVE.	477 feet to the ESE	Air Discharge Site
2	OFF-SITE CLINTON GREEN DEVELOPMENT PROJECT	51ST - 53RD ST. & 10TH AVE.	606 feet to the ESE	Brownfields Site
550	CONSOLIDATED EDISON - MH 43368	ELY S/E/C W 53 ST & 10 AVE	606 feet to the ESE	Hazardous Waste Generator/Transporter
551	CONSOLIDATED EDISON	W 53 ST & 10 AVE MH43367	606 feet to the ESE	Hazardous Waste Generator/Transporter
552	CONSOLIDATED EDISON	W 53 ST & 10 AVE	606 feet to the ESE	Hazardous Waste Generator/Transporter
161	208020; W 53 ST	W 53 ST	1061 feet to the ESE	Closed Status Spill (Unk/Other Cause)
179	410 WEST 53RS ST/MANH	410 WEST 53RD STREET	1212 feet to the ESE	Closed Status Spill (Unk/Other Cause)
214	MANHOLE #39973	W 53RD ST & 9TH AVE	1499 feet to the ESE	Closed Status Spill (Unk/Other Cause)
215	MANHOLE 39979	W.53RD ST & 9TH AVE	1499 feet to the ESE	Closed Status Spill (Unk/Other Cause)
216	MANHOLE 39979	9TH AVE / WEST 53RD ST	1499 feet to the ESE	Closed Status Spill (Unk/Other Cause)
217	9TH AVE &	53TH ST & 9TH AVE	1499 feet to the ESE	Closed Status Spill (Unk/Other Cause)
232	APARTMENT BUILDING	802 9TH AVE	1586 feet to the ESE	Closed Status Spill (Unk/Other Cause)
234		798 9TH AVE	1597 feet to the ESE	Closed Status Spill (Unk/Other Cause)
65	MULTIPLE DWELLING	340 WEST 55TH ST.	1952 feet to the ESE	Closed Status Tank Failure
345	340 W. 55TH STREET	340 W. 55TH STREET	1952 feet to the ESE	Closed Status Spill (Unk/Other Cause)
348	VACANT APT COMPLEX	321 W 54TH ST	1974 feet to the ESE	Closed Status Spill (Unk/Other Cause)
68	MIDTOWN NORTH PRECINCT NYPD -DDC	306 WEST 54TH STREET	2177 feet to the ESE	Closed Status Tank Failure
101	306 W 54TH STREET	306 WEST 54TH STREET	2177 feet to the ESE	Closed Status Tank Test Failure
102	MIDTOWN NORTH PRECINCT NYPD -DDC	306 WEST 54TH STREET	2177 feet to the ESE	Closed Status Tank Test Failure
383	MIDTOWN NORTH PRECINT	306 WEST 54TH STREET	2177 feet to the ESE	Closed Status Spill (Unk/Other Cause)
393	BUSINESS	301 WEST 53RD STREET	2265 feet to the ESE	Closed Status Spill (Unk/Other Cause)
394	VAULT #6078	302 W 54 ST	2265 feet to the ESE	Closed Status Spill (Unk/Other Cause)
410	MANHOLE 32482	8TH AVE / W 54TH ST	2423 feet to the ESE	Closed Status Spill (Unk/Other Cause)

492	CON ED/W 54TH ST & 8TH AV	CON ED/W 54TH ST & 8TH AV	2423 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
493	W 55TH ST & 8TH AVE/MANH	W 55TH ST & 8TH AVE	2479 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
13	COMMERCIAL BUILDING	500 WEST 52ND STREET	494 feet to the SE	Active Tank Test Failure
509	500 WEST 52 STREET	500 WEST 52ND STREET	498 feet to the SE	Petroleum Bulk Storage Site
510	NYC HDA DEPT OF RELOC	500 W 52 ST	498 feet to the SE	Petroleum Bulk Storage Site
125	ON STREET	WEST 52ND 10TH AVE	610 feet to the SE	Closed Status Spill (Unk/Other Cause)
553	CONSOLIDATED EDISON	W 52 ST & 10 AVE	610 feet to the SE	Hazardous Waste Generator/Transporter
126	CONSTRUCTION SITE	51ST AND 52ND ON 10TH AVE	646 feet to the SE	Closed Status Spill (Unk/Other Cause)
142	SACRED HEART SCHOOL	456 WEST 52ND ST	859 feet to the SE	Closed Status Spill (Unk/Other Cause)
173	VAULT 4736	425 WEST 50TH STREET	1170 feet to the SE	Closed Status Spill (Unk/Other Cause)
87	JANOVIC PAINT	771 9TH AV	1406 feet to the SE	Closed Status Tank Test Failure
53	ANNA'S	763 9TH AVE	1432 feet to the SE	Closed Status Tank Failure
230	51ST ST & 9TH AVE	51ST ST & 9TH AVE	1546 feet to the SE	Closed Status Spill (Unk/Other Cause)
236	216295; W 50 ST AND 9TH AVE	W 50 ST AND 9TH AVE	1631 feet to the SE	Closed Status Spill (Unk/Other Cause)
249	BASEMENT	364 W 51ST STREET	1730 feet to the SE	Closed Status Spill (Unk/Other Cause)
355	RADIO CITY POST OFFICE	52ND ST RADIO CITY P.O.	2042 feet to the SE	Closed Status Spill (Unk/Other Cause)
356	UNK	332 W.52ND. ST.	2042 feet to the SE	Closed Status Spill (Unk/Other Cause)
366	WASHINGTON JEFFERSON HOTEL	318 WEST 51ST ST	2102 feet to the SE	Closed Status Spill (Unk/Other Cause)
398	HOTEL	851 8TH AVE	2281 feet to the SE	Closed Status Spill (Unk/Other Cause)
491	COMMERCIAL BUILDING	851 8TH AVE	2281 feet to the SE	Closed Status Spill (Misc. Spill Cause)
409	304 WEST 49TH STREET	304 WEST 49TH ST	2407 feet to the SE	Closed Status Spill (Unk/Other Cause)
420	NYC SUBWAY PLATFORM	WEST 50 ST AND 8TH AVE	2481 feet to the SE	Closed Status Spill (Unk/Other Cause)
422	CAPITAL ASSOCIATES	840 8TH AVE	2556 feet to the SE	Closed Status Spill (Unk/Other Cause)
426	8TH AVE & W 49TH ST	8TH AVE & W 49TH ST	2563 feet to the SE	Closed Status Spill (Unk/Other Cause)
427	8TH AVE & W 49TH ST	8TH AVE & W 49TH ST	2563 feet to the SE	Closed Status Spill (Unk/Other Cause)
448	APARTMENT BUILDING	501 WEST 51ST ST	537 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
514	501 WEST 51ST STREET	501 WEST 51ST STREET	539 feet to the SSE	Petroleum Bulk Storage Site
452	APARTMENT	759 10TH AVE	562 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
520	753 10 AVENUE	753 TENTH AVENUE	589 feet to the SSE	Petroleum Bulk Storage Site
130	MANHOLE #62183	WEST 51ST ST & 10TH AVE	713 feet to the SSE	Closed Status Spill (Unk/Other Cause)
90	TERRIFIC TENEMENTS	425 W 48TH ST	1541 feet to the SSE	Closed Status Tank Test Failure
246		403 W. 48TH ST	1715 feet to the SSE	Closed Status Spill (Unk/Other Cause)
339	214063; 48TH ST AND 9TH AVE	48TH ST AND 9TH AVE	1901 feet to the SSE	Closed Status Spill (Unk/Other Cause)
343	TRANSFORMER VAULT #9879	704 9TH AVE	1942 feet to the SSE	Closed Status Spill (Unk/Other Cause)
97	416 WEST 47TH STREET	416 WEST 47TH ST	1965 feet to the SSE	Closed Status Tank Test Failure
389	46TH ST & 9TH AVE	46TH ST / 9TH AVE	2260 feet to the SSE	Closed Status Spill (Unk/Other Cause)
390	ONE GAL OIL MH 39908	9 AVENUE & W 46 STREET	2260 feet to the SSE	Closed Status Spill (Unk/Other Cause)
391	VAULT 9021	W 46TH ST/9TH AV	2260 feet to the SSE	Closed Status Spill (Unk/Other Cause)
488	VAULT # 9021	WEST 46TH ST & 9TH AVE	2260 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
421	VAULT 9021	341 W 46TH ST & 8TH AV	2489 feet to the SSE	Closed Status Spill (Unk/Other Cause)
494	RESIDENCE	351-357 W 45TH ST	2530 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
495	APARTMENT	355 WEST 45TH ST	2530 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
104	TANK TEST FAILURE TTF	341 W 45TH ST	2615 feet to the SSE	Closed Status Tank Test Failure
516	PARK WEST HS	525 WEST 50TH STREET	562 feet to the S	Petroleum Bulk Storage Site
517	HUDSONVIEW TERRACE APTS	747 TENTH AVE	562 feet to the S	Petroleum Bulk Storage Site
124	218249; 747 10TH AVE	747 10TH AVE	564 feet to the S	Closed Status Spill (Unk/Other Cause)
453	APT. BUILDING	747 10TH AVE	564 feet to the S	Closed Status Spill (Misc. Spill Cause)
454	TRANSFORMER VAULT	747 10TH AVE	564 feet to the S	Closed Status Spill (Misc. Spill Cause)
458	SKYLINE HOTEL	725 10TH AVE	860 feet to the S	Closed Status Spill (Misc. Spill Cause)
165	MH 62814	10TH AVE /WEST 49TH ST	1093 feet to the S	Closed Status Spill (Unk/Other Cause)

178	CONSTRUCTION PROJECT	10TH AVE BTWN 48ST & 49ST	1209 feet to the S	Closed Status Spill (Unk/Other Cause)
183	MANHOLE 43319	W 48TH ST & 10TH AV	1319 feet to the S	Closed Status Spill (Unk/Other Cause)
184	MANHOLE #43319	W48TH ST & 10TH AV	1319 feet to the S	Closed Status Spill (Unk/Other Cause)
185	MANHOLE 43319	W 48TH ST & 10TH AVE	1319 feet to the S	Closed Status Spill (Unk/Other Cause)
188	SORRENTINO RESIDENCE	449 W 48TH ST	1352 feet to the S	Closed Status Spill (Unk/Other Cause)
237	668 10TH AVE/MANHATTAN	668 10TH AVENUE	1635 feet to the S	Closed Status Spill (Unk/Other Cause)
93	RESIDENCE	454 WEST 47TH ST	1709 feet to the S	Closed Status Tank Test Failure
30	AMTRAK RAILS	46TH AT 10TH AVE	1799 feet to the S	Active Haz Spill (Unknown/Other Cause)
98	ST CLEMENTS	423 WEST 46TH ST	2007 feet to the S	Closed Status Tank Test Failure
357	HARTLEY HOUSE	413 W 46TH ST	2063 feet to the S	Closed Status Spill (Unk/Other Cause)
69	SERVICE STATION	624 10TH AVE	2199 feet to the S	Closed Status Tank Failure
387	IN THE ROADWAY	W 45TH BET 9TH & 10TH	2223 feet to the S	Closed Status Spill (Unk/Other Cause)
388	415 W 45TH ST	415 W 45TH ST	2234 feet to the S	Closed Status Spill (Unk/Other Cause)
486	MIDTOWN AUTO CARE SERVICE	415 WEST 45TH STRET	2234 feet to the S	Closed Status Spill (Misc. Spill Cause)
487		449 WEST 44TH ST	2235 feet to the S	Closed Status Spill (Misc. Spill Cause)
103	APARTMENT COMPLEX	438 W.45TH ST	2238 feet to the S	Closed Status Tank Test Failure
392	CLEANERS	659 9TH AVE	2261 feet to the S	Closed Status Spill (Unk/Other Cause)
489		459 W 44TH ST	2269 feet to the S	Closed Status Spill (Misc. Spill Cause)
490	BARBED RES.	459 WEST 44TH STREET	2269 feet to the S	Closed Status Spill (Misc. Spill Cause)
403	I/R/O 651 9TH AVE	651 9TH AVE	2308 feet to the S	Closed Status Spill (Unk/Other Cause)
411	5 STORY BUILDING	406 WEST 45TH ST.	2425 feet to the S	Closed Status Spill (Unk/Other Cause)
416		W 45TH ST & 9TH AVE	2464 feet to the S	Closed Status Spill (Unk/Other Cause)
417	MANHOLE 56671	WEST 45TH ST	2464 feet to the S	Closed Status Spill (Unk/Other Cause)
429	APARTMENT BLDG	435 W 43RD DT	2618 feet to the S	Closed Status Spill (Unk/Other Cause)
79	X	520 WEST 50TH ST	769 feet to the SSW	Closed Status Tank Test Failure
181	520 WEST 48TH ST	520 WEST 48TH ST	1274 feet to the SSW	Closed Status Spill (Unk/Other Cause)
187	PARKING GARAGE	545 WEST 47TH ST	1350 feet to the SSW	Closed Status Spill (Unk/Other Cause)
233	TRUCK	512 WEST 47TH STREET	1586 feet to the SSW	Closed Status Spill (Unk/Other Cause)
235	529 WEST 46TH STREET	529 WEST 46TH STREET	1617 feet to the SSW	Closed Status Spill (Unk/Other Cause)
94	COACH USA	520 WEST 46TH STREET	1787 feet to the SSW	Closed Status Tank Test Failure
257	BTWN 45TH & 46TH ST	520 W 46TH ST	1787 feet to the SSW	Closed Status Spill (Unk/Other Cause)
258	COACH USA/AMTRAK TUNNEL	520 WEST 46TH STREET	1787 feet to the SSW	Closed Status Spill (Unk/Other Cause)
259	524 W. 46TH STREET	524 W. 46TH STREET	1796 feet to the SSW	Closed Status Spill (Unk/Other Cause)
96		525 WEST 45TH ST	1888 feet to the SSW	Closed Status Tank Test Failure
63	APT BUILDING	545 WEST 45TH ST	1911 feet to the SSW	Closed Status Tank Failure
341	545 W 45TH STREET	545 W. 45TH STREET	1911 feet to the SSW	Closed Status Spill (Unk/Other Cause)
66	WEST 45TH ST & 10TH AVE	WEST 45TH ST & 10TH AVE	2049 feet to the SSW	Closed Status Tank Failure
359	VACANT LOT	553 W 44TH ST	2069 feet to the SSW	Closed Status Spill (Unk/Other Cause)
360	592- 608 11TH AVE	525 W 44TH STREET	2069 feet to the SSW	Closed Status Spill (Unk/Other Cause)
99	HESS/MERIT	502 W 45TH ST	2136 feet to the SSW	Closed Status Tank Test Failure
100	502 WEST 45TH ST/HESS	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Tank Test Failure
375	HESS GAS STATION	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)
376	HESS #32215	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)
377	HESS GAS STATION	10TH AVENUE NEAR W 44TH S	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)
378	502 W. 45TH ST	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)
379	502 WEST 45TH STREET	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)
484	HESS GAS STATION	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
401	MH 60171	10TH AVE/44TH ST	2298 feet to the SSW	Closed Status Spill (Unk/Other Cause)
33	NEY YORK PUBLIC LIBRARY	521 WEST 43 ST	2345 feet to the SSW	Active Haz Spill (Unknown/Other Cause)
406	MANHOLE # 62499	551 WEST 43RD ST	2357 feet to the SSW	Closed Status Spill (Unk/Other Cause)
407	AMTRAK TRACKS..	506-512 WEST 44TH ST	2359 feet to the SSW	Closed Status Spill (Unk/Other Cause)
408	FUTURE HOLIDAY INN OVER AMTRAK	505-513 WEST 43RD ST	2359 feet to the SSW	Closed Status Spill (Unk/Other Cause)

73	FDNY RESCUE 1	530 WEST 43RD ST	2561 feet to the SSW	Closed Status Tank Failure
424	GOTHAM CONSTRUCTION SITE	520 WEST 43RD ST	2561 feet to the SSW	Closed Status Spill (Unk/Other Cause)
425	RESCUE CO.1 FDNY -DDC	530 WEST 43RD STREET	2561 feet to the SSW	Closed Status Spill (Unk/Other Cause)
430	IN ROADWAY	507 W 42ND ST	2622 feet to the SSW	Closed Status Spill (Unk/Other Cause)
105	APARTMENT COMPLEX	560 W 43RD ST	2627 feet to the SSW	Closed Status Tank Test Failure
557	MOBIL	718 11TH AVE	503 feet to the SW	Air Discharge Site
511	MOBIL R/S #11375	718 11TH AVENUE	506 feet to the SW	Petroleum Bulk Storage Site
14	MOBIL S/S#17-JWN	718 11TH AVENUE	513 feet to the SW	Active Tank Test Failure
43	MOBIL S/S	718 11TH AVENUE	513 feet to the SW	Closed Status Tank Failure
44	EXXONMOBIL	718 11TH AVE	513 feet to the SW	Closed Status Tank Failure
45	EXXON/MOBIL	718 11TH AVE	513 feet to the SW	Closed Status Tank Failure
78	MOBIL S/S	718 11TH AVENUE	513 feet to the SW	Closed Status Tank Test Failure
118	MOBIL SERVICE STATION	718 11TH AVE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
119	MOBIL S/S #17-JWN	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
120	MOBIL S/S # 17-JWN	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
121	MOBIL # 17-JWN	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
122	EXXONMOBIL	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
445	MOBIL S/S	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Misc. Spill Cause)
446	S&R REPAIR SERVICE	718 11TH AVE	513 feet to the SW	Closed Status Spill (Misc. Spill Cause)
447	MOBIL #17-JWN	718 11TH AVE	513 feet to the SW	Closed Status Spill (Misc. Spill Cause)
545	MOBIL OIL CORP SS #JWN	718 11TH AVE	523 feet to the SW	Hazardous Waste Generator/Transporter
46	EXXON MOBIL	714 11TH AVE	543 feet to the SW	Closed Status Tank Failure
47	BULL MCCABE BUSINESS	714 11TH AVE	543 feet to the SW	Closed Status Tank Failure
123	THE BULL MCCABE	714 11TH AVE	543 feet to the SW	Closed Status Spill (Unk/Other Cause)
449	BULL MCCABE	714 11TH AVE	543 feet to the SW	Closed Status Spill (Misc. Spill Cause)
515	POTAMKIN MITSUBISHI	706 ELEVENTH AVENUE	551 feet to the SW	Petroleum Bulk Storage Site
450	POTAMKIN MITSUBISHI	706 11TH AVENUE	562 feet to the SW	Closed Status Spill (Misc. Spill Cause)
451	POTAMKIN MITSUBISHI	706 11TH AVE	562 feet to the SW	Closed Status Spill (Misc. Spill Cause)
548	CHRYSLER REALTY CORP	706 11TH AVE	583 feet to the SW	Hazardous Waste Generator/Transporter
549	POTAMKIN CHRYSLER CORPORATION	706-11TH AVENUE & WEST 50TH	583 feet to the SW	Hazardous Waste Generator/Transporter
132	MAN HOLE 62572	50TH AND 11TH AVE	725 feet to the SW	Closed Status Spill (Unk/Other Cause)
133	MH 61804	11TH AV / 50TH ST	725 feet to the SW	Closed Status Spill (Unk/Other Cause)
457	MANHOLE #62572	11TH AVE/N50TH STREET	725 feet to the SW	Closed Status Spill (Misc. Spill Cause)
15	MARTIN MOTORS	700 11TH AVE	805 feet to the SW	Active Tank Test Failure
48	ASTOR SUBSTATION - EXCAVATION	700 11TH AVE	805 feet to the SW	Closed Status Tank Failure
135	WEST 50 STREET	ADJACENT TO 700 11TH AVE	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
136	EXCAVATION	700 11 AVE AT WEST 50 ST	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
137	ASTOR SUBSTATION	11TH & 50TH STREET	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
138	ODOR OF GASOLINE IN EXCAVATION	704 11 AVENUE	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
139	UST PUNCTURED BY BACKHOE	NEW CON ED SUBSTATION SITE	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
140	ASTOR SUBSTATION BCP SITE	700 11TH AVE	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
3	ASTOR SUBSTATION PROJECT SITE	700 11TH AVE, 549-551 & 553-557 W 49TH ST	845 feet to the SW	Brownfields Site
141	IN ROAD -- 11TH AVE	49TH & 50TH ST 11TH AVE	849 feet to the SW	Closed Status Spill (Unk/Other Cause)
36	11TH AVE & W 49TH ST	11TH AVE & W 49TH ST	968 feet to the SW	Active Haz Spill (Misc. Spill Cause)
37	11TH AVE & W 49TH ST	11TH AVE & W 49TH ST	968 feet to the SW	Active Haz Spill (Misc. Spill Cause)
145	MANHOLE # 62163	WEST 49TH/11TH AVE	968 feet to the SW	Closed Status Spill (Unk/Other Cause)
146	MANHOLE 60244	11TH AVE/49TH ST	968 feet to the SW	Closed Status Spill (Unk/Other Cause)
83	ATC MANAGEMENT	605 WEST 48TH ST	1204 feet to the SW	Closed Status Tank Test Failure
177	GROUND	605 WEST 48TH ST	1204 feet to the SW	Closed Status Spill (Unk/Other Cause)
180	609 WEST 48TH STREET	609 WEST 48TH STREET	1267 feet to the SW	Closed Status Spill (Unk/Other Cause)
24	547 W 47TH ST	547 W 47TH ST	1317 feet to the SW	Active Haz Spill (Unknown/Other Cause)
51	BMW	547 WEST 47TH ST	1317 feet to the SW	Closed Status Tank Failure

182	BMW OF MANHATTAN	547 W 47TH ST	1317 feet to the SW	Closed Status Spill (Unk/Other Cause)
54	605 WEST 47TH STREET	605 WEST 47TH STREET	1445 feet to the SW	Closed Status Tank Failure
211	BUILDING	607-611 WEST 47TH ST	1453 feet to the SW	Closed Status Spill (Unk/Other Cause)
213	MAN HOLE 60298	W47TH ST/11TH AV	1472 feet to the SW	Closed Status Spill (Unk/Other Cause)
56	CONSTRUCTION SITE	617-623 WEST 47TH STREET	1518 feet to the SW	Closed Status Tank Failure
220	CONSTRUCTION SITE	617-623 WEST 47TH STREET	1518 feet to the SW	Closed Status Spill (Unk/Other Cause)
91	639 11TH AVE./MAHATTAN	639 11TH AVE.	1546 feet to the SW	Closed Status Tank Test Failure
231	MAN HOLE #56100	IFO 608 W. 47TH ST	1553 feet to the SW	Closed Status Spill (Unk/Other Cause)
57		612-614 WEST 47TH ST	1624 feet to the SW	Closed Status Tank Failure
248		11TH AVE/WEST 46TH ST	1727 feet to the SW	Closed Status Spill (Unk/Other Cause)
61	METROPOLITAN LUMBER CO	623 11TH AVE	1795 feet to the SW	Closed Status Tank Failure
329	W46TH STREET BETWEEN 11TH	AVE & WEST SIDE HGHWAY	1824 feet to the SW	Closed Status Spill (Unk/Other Cause)
12	KELLERMANN PAINT CO INC	605 WEST 45TH ST	1942 feet to the SW	Hazardous Waste Treat, Storage, Disposal
64	609-611 11TH AVE	609-611 11TH AVENUE	1943 feet to the SW	Closed Status Tank Failure
344	SWING TIME LLC	609-611 11TH AVENUE	1943 feet to the SW	Closed Status Spill (Unk/Other Cause)
358	ONE GAL OIL SUCKED UP BY VAC TRUCK	WEST 45 STREET	2066 feet to the SW	Closed Status Spill (Unk/Other Cause)
10	CON EDISON	12TH AVENUE AND 45TH STREET	2198 feet to the SW	Solid Waste Facility
9	CE - W. 45TH ST. GAS WORKS	12TH AVE.BETWEEN WEST 44TH & WEST 46TH STS.	2206 feet to the SW	Brownfields Site
413	MH#56574	W 44TH ST & W SIDE HGHWY	2447 feet to the SW	Closed Status Spill (Unk/Other Cause)
34	UPS	643 WEST 43RD STREET	2457 feet to the SW	Active Haz Spill (Unknown/Other Cause)
71	643 W 43RD ST/UPS	643 W 43RD ST/UPS	2458 feet to the SW	Closed Status Tank Failure
72	643 W 43RD ST/UPS	643 W 43RD ST	2458 feet to the SW	Closed Status Tank Failure
415	UPS STORE TTF	643 WEST 43RD STREET	2458 feet to the SW	Closed Status Spill (Unk/Other Cause)
117	FIVE GAL GASOLINE IN EXCAVATION	WEST 51 STREET & 11 AVENUE, SEC	500 feet to the WSW	Closed Status Spill (Unk/Other Cause)
542	CONSOLIDATED EDISON	11 TH AVE & 51 ST	500 feet to the WSW	Hazardous Waste Generator/Transporter
543	CONSOLIDATED EDISON	W. 51ST ST. & 11TH AVENUE	500 feet to the WSW	Hazardous Waste Generator/Transporter
544	CONSOLIDATED EDISON	V2314-W 51ST ST	500 feet to the WSW	Hazardous Waste Generator/Transporter
554	CONSOLIDATED EDISON	11 AVE BETWEEN 51 ST & 50 ST	611 feet to the WSW	Hazardous Waste Generator/Transporter
20	PRODUCTION STUDIO	IN FRONT OF 709 11TH AVENUE	665 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
127	CMJ CHRYSLER JEEP	711 11TH AV	670 feet to the WSW	Closed Status Spill (Unk/Other Cause)
21	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	1013 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
22	W. 49ST SUB. STA.	W. 49TH SUB. STA.	1013 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
147	WEST 49TH STREET SUB-STAT	623 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
148	WEST 49TH ST. SUBSTATION	WEST 49TH ST.	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
149	FEEDER 51	601 WEST 49TH ST	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
150	FEEDER 51	601 49TH ST	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
151	WEST 49TH ST SUB STATION EMIS 218166	637 WEST 49TH ST	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
152	CON ED MANHOLE	630 WEST 50TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
153	WEST 50 ST S/S - XFMR # 3, 2 QT LEAK	601 WEST 49 STREET. SUBSTATION	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
154	IN SUBSTATION	WEST 49TH/ 11TH AVE	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
155	WEST 49 STREET SUBSTATION	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
156	WEST 49 STREET S/S. M51 COOLING PLT	637 WEST 49 STREET. SUBSTATION	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
157	WEST 49TH SUBSTATION	637 WEST 49/11TH AVE	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
158	WEST 50TH STREET SUBSTATI	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
159	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
160	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
459	WEST 49TH STREET STATION	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
460	49TH ST S/S	13TH ST & 49TH ST	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
461	TRANSMISSION FEEDER	637 WEST 49TH STREET SUBSTATION	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
462	FEEDER	637 W/49TH ST	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
463	WEST 49 SUB STATION	637 W 49TH ST	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
464	WEST 49 ST S/S. FILL LINE LEAK.	637 WEST 49 STREET	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)

50	660 12TH AVE (A/K/A)	618-628 W 49TH ST	1259 feet to the WSW	Closed Status Tank Failure
196	49TH ST & 12TH AVE/MANH	49TH ST & 12TH AVE	1364 feet to the WSW	Closed Status Spill (Unk/Other Cause)
88	NYNEX	624 WEST 48TH STREET	1421 feet to the WSW	Closed Status Tank Test Failure
89	624 WEST 48TH ST	624 WEST 48TH ST	1421 feet to the WSW	Closed Status Tank Test Failure
204	610-630 W. 48TH STREET	624 WEST 48TH STREET	1421 feet to the WSW	Closed Status Spill (Unk/Other Cause)
205	624 WEST 48TH STREET	624 WEST 48TH STREET	1421 feet to the WSW	Closed Status Spill (Unk/Other Cause)
212	IFO 624 W48TH ST	SERVICE BOX 9224	1461 feet to the WSW	Closed Status Spill (Unk/Other Cause)
225	MANHOLE	W 48TH ST & 12TH AV	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
226		WEST 48TH/12TH AVE	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
227	CUNARLINE DOCK	48TH ST/ 12TH AVE	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
228	MH 47123	WEST 48TH ST & 12TH AV	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
229	BOX 47121	W 48TH ST/12TH AVE	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
241	HUDSON RIVER	PIER 88	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
242	PIER 88	PIER 88	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
243	HUDSON RIVER	PIER 88 BERTH 1	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
244	INTREPID MUSEUM/PIER 88 N	WEST SIDE HGWY/PIER 88 N	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
245	HUDSON RIVER	PIER 88- BERTH #2	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
251	IN A MANHOLE	12TH AV / 47TH ST	1752 feet to the WSW	Closed Status Spill (Unk/Other Cause)
252	MANHOLE #61724	12TH AV & W 47TH ST	1752 feet to the WSW	Closed Status Spill (Unk/Other Cause)
253	MAN HOLE #61724	12TH AVE/ WEST 47TH ST	1752 feet to the WSW	Closed Status Spill (Unk/Other Cause)
471	W. 47TH ST/W. SIDE HGWY	W. 47TH ST/W.SIDE HGWY	1752 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
472	MANHOLE #61724	12TH AVE-S OF W47TH ST	1752 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
346	213825; W 46 ST AND 12TH AVE	W 46 ST AND 12TH AVE	1966 feet to the WSW	Closed Status Spill (Unk/Other Cause)
361	INTREPID MUSEUM	166 W.46TH ST	2072 feet to the WSW	Closed Status Spill (Unk/Other Cause)
362	PARKING LOT	12TH AVE BTWN 46TH & 45TH	2079 feet to the WSW	Closed Status Spill (Unk/Other Cause)
414	PIER 84	WEST 43RD ST AND 12TH AVE	2447 feet to the WSW	Closed Status Spill (Unk/Other Cause)
512	725 11TH AVENUE	725 11 TH AVENUE	509 feet to the W	Petroleum Bulk Storage Site
513	LEN FRANK	725 11 AVE	510 feet to the W	Petroleum Bulk Storage Site
555	ITI USA CORP	609 W 51ST ST	640 feet to the W	Hazardous Waste Generator/Transporter
175	209623; S/S W 50 ST 160'EEC 12TH AV	S/S W 50 ST 160'EEC 12TH AV	1191 feet to the W	Closed Status Spill (Unk/Other Cause)
84	PIER 90/MANHATTAN	PIER 90/MANHATTAN	1355 feet to the W	Closed Status Tank Test Failure
189	PIER 90 &WEST 50TH ST/MAN	PIER 90 / WEST 50TH ST	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
190	PIER 90 & WEST 50TH ST	PIER 90 / WEST 50TH ST	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
191	PIER 90 - BERTH #3	W49 @ 12 AV,NORDIC PRINCE	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
192	PIER 90	PIER 90	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
193	NORWEIGEN DAWN	BERTH 90 PASS SHIP TERM	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
194	PIER 90	WEST SIDE HIGHWAY	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
195	NYC PIER 90	52ND ST & HUDSON RIVER	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
82	CLOSED-LACKOF RECENT INFO	711 12TH AVENUE	1193 feet to the WNW	Closed Status Tank Test Failure
176	PASSENGER SHIP TERMINAL	PASSENGER SHIP TERMINAL	1193 feet to the WNW	Closed Status Spill (Unk/Other Cause)
467	PASSENGER SHIP TERMINAL	711 12TH AVENUE	1193 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
468	PASSENGER SHIP TERMINAL	711 12TH AVENUE	1193 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
85	CLOSED-LACKOF RECENT INFO	PORT AUTHORITY PIER 92	1379 feet to the WNW	Closed Status Tank Test Failure
197	W 50TH-52ND ST/PIER 92	W 50TH -52ND ST/PIER 92	1379 feet to the WNW	Closed Status Spill (Unk/Other Cause)
198	BERMUDA STAR	PIER 92, W52 ST @ 12 AV	1379 feet to the WNW	Closed Status Spill (Unk/Other Cause)
199	UNK OIL OFF PIER 92 IN HU	PIER 92	1379 feet to the WNW	Closed Status Spill (Unk/Other Cause)
469	PIER 92	WEST SIDE HWY	1379 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
470	PIER 92	50TH ST/HUDSON RIVER	1379 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
456	604 WEST 54TH STREET	604 WEST 54TH STREET	669 feet to the NW	Closed Status Spill (Misc. Spill Cause)
206	PIER 94	W 54 ST @ 12 AV	1422 feet to the NW	Closed Status Spill (Unk/Other Cause)

207	PIER 94	12TH AVE. / WEST 56TH	1422 feet to the NW	Closed Status Spill (Unk/Other Cause)
208	PIER 94	755 12TH AVE	1422 feet to the NW	Closed Status Spill (Unk/Other Cause)
209	PIER 94	755 W12TH AV	1422 feet to the NW	Closed Status Spill (Unk/Other Cause)
131	POTAMKIN CADILLAC	787 11TH AVE-1600 W. 55TH	724 feet to the NNW	Closed Status Spill (Unk/Other Cause)
169	55TH ST. & 12TH AVE.	55TH ST / 12TH AVENUE	1128 feet to the NNW	Closed Status Spill (Unk/Other Cause)
170	PIER 90	WEST 55TH STREET AND 12TH AVE	1128 feet to the NNW	Closed Status Spill (Unk/Other Cause)
171		WEST 55TH ST/ JOE DIMAGIO	1128 feet to the NNW	Closed Status Spill (Unk/Other Cause)
17	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	1407 feet to the NNW	Active Tank Test Failure
25	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	1407 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
52	NYC SANITATION BCC OPS	650 W 57TH ST	1407 feet to the NNW	Closed Status Tank Failure
201	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	1407 feet to the NNW	Closed Status Spill (Unk/Other Cause)
202	MANHATTAN WEST 04 DOS-DDC	650 WEST 57TH STREET	1407 feet to the NNW	Closed Status Spill (Unk/Other Cause)
203	W. 56TH ST 12TH AVENUE	W. 56TH ST. 12TH AVENUE	1408 feet to the NNW	Closed Status Spill (Unk/Other Cause)
221	12TH AVE/56TH TO 57TH ST	12TH AVE/56TH TO 57TH ST	1524 feet to the NNW	Closed Status Spill (Unk/Other Cause)
26	HUDSON RIVER PARK	12TH AVE & 57TH ST	1672 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
60		57TH ST / 12TH AVE	1672 feet to the NNW	Closed Status Tank Failure
239	HUDSON RIVER PARK	12TH AVENUE & 57TH STREET	1672 feet to the NNW	Closed Status Spill (Unk/Other Cause)
473	59TH ST GEN STATION	820 12TH AVE	1761 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
328	PIER 97	59TH STREET STATION	1814 feet to the NNW	Closed Status Spill (Unk/Other Cause)
347	PIER 99-97	PIER 99-97	1973 feet to the NNW	Closed Status Spill (Unk/Other Cause)
31	PIER 98 /59TH ST	59TH ST	2003 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
351	59TH STREET PIER 98	59TH STREET PIER 98	2003 feet to the NNW	Closed Status Spill (Unk/Other Cause)
352	WATERWAY/PIER 98	WEST 59 ST AND 12 AVE	2003 feet to the NNW	Closed Status Spill (Unk/Other Cause)
353	WEST 59 STREET STATION	PIER 98 HUDSON RIVER - 12 AVENUE	2003 feet to the NNW	Closed Status Spill (Unk/Other Cause)
354	PIER # 98	59TH STREET	2003 feet to the NNW	Closed Status Spill (Unk/Other Cause)
11	NYCDOS W. 59TH ST. MTS	WEST 59TH STREET & WESTSIDE	2398 feet to the NNW	Solid Waste Facility

Identified Toxic Sites by Category

530-548 West 53rd Street
New York, NY 10019

* Compass directions can vary substantially for sites located very close to the subject property address.

Brownfields Sites -- Total Sites - 9

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	C231011	CLINTON GREEN DEVELOPMENT PROJECT	51ST - 53RD ST. & 10TH AVE.	349 feet to the SE
2	C231011A	OFF-SITE CLINTON GREEN DEVELOPMENT PROJECT	51ST - 53RD ST. & 10TH AVE.	606 feet to the ESE
3	C231047	ASTOR SUBSTATION PROJECT SITE	700 11TH AVE, 549-551 & 553-557 W 49TH ST	845 feet to the SW
4	C231062	MID BLOCK #57 PROJECT	615-649 WEST 57TH STREET	1481 feet to the N
5	C231062A	OFF-SITE MID-BLOCK #57 PROJECT	615-649 WEST 57TH STREET	1481 feet to the N
6	V00546	CE - W. 58TH ST. STATION	11TH AVE. BETWEEN W.58TH - W. 59TH STS.	1544 feet to the NNE
7	C231043	WEST 61ST STREET SITE	229-251 WEST 60TH, ST., & 218-240 WEST 61TH ST.	2128 feet to the NNE
8	C231059	WEST 61ST STREET TENNIS COURT AREA SITE	218 WEST 61ST ST	2186 feet to the NE
9	V00532	CE - W. 45TH ST. GAS WORKS	12TH AVE.BETWEEN WEST 44TH & WEST 46TH STS.	2206 feet to the SW

Solid Waste Facilities -- Total Sites - 2

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
10	31W17	CON EDISON	12TH AVENUE AND 45TH STREET	2198 feet to the SW
11	31T04	NYCDOS W. 59TH ST. MTS	WEST 59TH STREET & WESTSIDE	2398 feet to the NNW

Hazardous Waste Treatment, Storage, Disposal Facilities -- Total Sites - 1

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
12	NYD001641828	KELLERMANN PAINT CO INC	605 WEST 45TH ST	1942 feet to the SW

Active Tank Test Failures -- Total Sites - 6

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
13	1100355	COMMERCIAL BUILDING	500 WEST 52ND STREET	494 feet to the SE
14	8904939	MOBIL S/S#17-JWN	718 11TH AVENUE	513 feet to the SW
15	0103148	MARTIN MOTORS	700 11TH AVE	805 feet to the SW
16	9009804	FORMER MOBIL #17-511	842 11TH AVE	1381 feet to the NNE
17	0103907	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	1407 feet to the NNW
18	8904207	AMSTERDAM HOUSES -NYCHA	205 WEST 61ST STREET	2581 feet to the NNE

Active Haz Spills (Unknown Causes & Other Causes) -- Total Sites - 16

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
19	9308101	MOBIL SERVICE STATION HPD	783 10TH AVENUE	454 feet to the ESE
20	0401882	PRODUCTION STUDIO	IN FRONT OF 709 11TH AVENUE	665 feet to the WSW
21	9900410	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	1013 feet to the WSW
22	9301730	W. 49ST SUB. STA.	W. 49TH SUB. STA.	1013 feet to the WSW
23	0708204	LEXUS DEALERSHIP	835 11TH AVE	1164 feet to the N
24	0202863	547 W 47TH ST	547 W 47TH ST	1317 feet to the SW
25	9403727	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	1407 feet to the NNW
26	0102489	HUDSON RIVER PARK	12TH AVE & 57TH ST	1672 feet to the NNW
27	9901524	FEEDER M52	WEST 49TH ST	1757 feet to the NNE
28	0504880	EXCAVATION	59TH STREET AND WEST END AVE	1757 feet to the NNE
29	0211840	FEEDER M51	W59TH ST/WEST END AVE	1757 feet to the NNE
30	9614392	AMTRAK RAILS	46TH AT 10TH AVE	1799 feet to the S
31	1007364	PIER 98 /59TH ST	59TH ST	2003 feet to the NNW
32	0907945	SOIL	246-252 WEST 61ST ST	2181 feet to the NNE
33	1103225	NEY YORK PUBLIC LIBRARY	521 WEST 43 ST	2345 feet to the SSW
34	9210040	UPS	643 WEST 43RD STREET	2457 feet to the SW

Active Haz Spills (Miscellaneous Spill Causes) -- Total Sites - 7

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
35	8905000	W 54TH ST & 11TH AVE	W 54TH ST / 11TH AVE	492 feet to the N
36	9113335	11TH AVE & W 49TH ST	11TH AVE & W 49TH ST	968 feet to the SW
37	8810179	11TH AVE & W 49TH ST	11TH AVE & W 49TH ST	968 feet to the SW
38	0403162	CBS BROADCASTING	857 10TH AV	1150 feet to the NE
39	8303208	WEST END AVE/W. 59TH ST	WEST END AVE N/O W59TH ST	1757 feet to the NNE
40	9912042	PARKS & RECREATION BLDG	533 W 59TH ST/222 W 60 ST	1871 feet to the NNE
41	8608088	WEST END AVE & W 61ST ST	WEST END AVE & W 61ST ST	2273 feet to the NNE

Closed Status Tank Failures -- Total Sites - 33

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
42	0306876	FORMER TAXI DEPOT	553-561 W 52ND ST	144 feet to the W*
43	9400944	MOBIL S/S	718 11TH AVENUE	513 feet to the SW
44	0207671	EXXONMOBIL	718 11TH AVE	513 feet to the SW
45	0205676	EXXON/MOBIL	718 11TH AVE	513 feet to the SW
46	0413552	EXXON MOBIL	714 11TH AVE	543 feet to the SW
47	0300184	BULL MCCABE BUSINESS	714 11TH AVE	543 feet to the SW
48	0605854	ASTOR SUBSTATION - EXCAVATION	700 11TH AVE	805 feet to the SW
49	0100152		500 WEST 56TH ST	900 feet to the ENE
50	0008970	660 12TH AVE (A/K/A)	618-628 W 49TH ST	1259 feet to the WSW
51	9707785	BMW	547 WEST 47TH ST	1317 feet to the SW
52	9908580	NYC SANITATION BCC OPS	650 W 57TH ST	1407 feet to the NNW
53	0102767	ANNA'S	763 9TH AVE	1432 feet to the SE
54	0400961	605 WEST 47TH STREET	605 WEST 47TH STREET	1445 feet to the SW
55	9302151	467 W. 57TH ST.	467 W. 57TH ST.	1493 feet to the ENE
56	0506652	CONSTRUCTION SITE	617-623 WEST 47TH STREET	1518 feet to the SW
57	0203467		612-614 WEST 47TH ST	1624 feet to the SW
58	9511654	400 WEST 56TH ST	400 WEST 56TH ST	1634 feet to the E
59	9515593	408 WEST 57TH ST	408 WEST 57TH ST	1667 feet to the ENE
60	9908576		57TH ST / 12TH AVE	1672 feet to the NNW
61	9707347	METROPOLITAN LUMBER CO	623 11TH AVE	1795 feet to the SW
62	0004776	59TH ST STATION	850 12TH AVENUE	1807 feet to the N
63	9711326	APT BUILDING	545 WEST 45TH ST	1911 feet to the SSW
64	9501693	609-611 11TH AVE	609-611 11TH AVENUE	1943 feet to the SW
65	9407888	MULTIPLE DWELLING	340 WEST 55TH ST.	1952 feet to the ESE
66	9000492	WEST 45TH ST & 10TH AVE	WEST 45TH ST & 10TH AVE	2049 feet to the SSW
67	0604434	EXCAVAVTION	WEST 60TH BETWEEN 10 & 11	2126 feet to the NNE
68	9408524	MIDTOWN NORTH PRECINCT NYPD -DDC	306 WEST 54TH STREET	2177 feet to the ESE
69	9713164	SERVICE STATION	624 10TH AVE	2199 feet to the S
70	9311683	250 WEST 61TH STREET	250 WEST 61TH STREET	2205 feet to the NNE
71	9202362	643 W 43RD ST/UPS	643 W 43RD ST/UPS	2458 feet to the SW
72	9200470	643 W 43RD ST/UPS	643 W 43RD ST	2458 feet to the SW
73	9706580	FDNY RESCUE 1	530 WEST 43RD ST	2561 feet to the SSW
74	9512455	940 8TH AVE	940 8TH AVE	2631 feet to the E

Closed Status Tank Test Failures -- Total Sites - 31

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
75	8704066	N Y TELEPHONE	770 11TH AVE	287 feet to the NNE
76	8703912	766 11TH AVENUE / NEW YOR	766 11TH AVENUE	287 feet to the NNE
77	9402598	783 10TH AVENUE	783 TENTH AVENUE	454 feet to the ESE
78	9009654	MOBIL S/S	718 11TH AVENUE	513 feet to the SW

79	0209190	X	520 WEST 50TH ST	769 feet to the SSW
80	9806616	HARBORVIEW HOUSES -NYCHA	525 WEST 55TH ST	792 feet to the NE
81	9002419	HARBORVIEW TERRACE	525 WEST 55TH ST	792 feet to the NE
82	8804962	CLOSED-LACKOF RECENT INFO	711 12TH AVENUE	1193 feet to the WNW
83	0509022	ATC MANAGEMENT	605 WEST 48TH ST	1204 feet to the SW
84	8804853	PIER 90/MANHATTAN	PIER 90/MANHATTAN	1355 feet to the W
85	8805677	CLOSED-LACKOF RECENT INFO	PORT AUTHORITY PIER 92	1379 feet to the WNW
86	9501523	EXXONMOBIL	842 11TH AVENUE	1381 feet to the NNE
87	0209507	JANOVIC PAINT	771 9TH AV	1406 feet to the SE
88	9408956	NYNEX	624 WEST 48TH STREET	1421 feet to the WSW
89	8709100	624 WEST 48TH ST	624 WEST 48TH ST	1421 feet to the WSW
90	0102069	TERRIFIC TENEMENTS	425 W 48TH ST	1541 feet to the SSE
91	8706049	639 11TH AVE./MAHATTAN	639 11TH AVE.	1546 feet to the SW
92	0104524	TOYOTA BUILDING	623 WEST 57TH ST	1559 feet to the N
93	0206941	RESIDENCE	454 WEST 47TH ST	1709 feet to the S
94	0207335	COACH USA	520 WEST 46TH STREET	1787 feet to the SSW
95	0212404	GASETERIA OIL CORP	2-16 WEST END AVE	1854 feet to the NNE
96	0206999		525 WEST 45TH ST	1888 feet to the SSW
97	9909811	416 WEST 47TH STREET	416 WEST 47TH ST	1965 feet to the SSE
98	0308286	ST CLEMENTS	423 WEST 46TH ST	2007 feet to the S
99	8807538	HESS/MERIT	502 W 45TH ST	2136 feet to the SSW
100	8807198	502 WEST 45TH ST/HESS	502 WEST 45TH STREET	2136 feet to the SSW
101	9303944	306 W 54TH STREET	306 WEST 54TH STREET	2177 feet to the ESE
102	9302675	MIDTOWN NORTH PRECINCT NYPD -DDC	306 WEST 54TH STREET	2177 feet to the ESE
103	9911768	APARTMENT COMPLEX	438 W.45TH ST	2238 feet to the S
104	1009654	TANK TEST FAILURE TTF	341 W 45TH ST	2615 feet to the SSE
105	0108944	APARTMENT COMPLEX	560 W 43RD ST	2627 feet to the SSW

Closed Status Spills (Unknown Causes & Other Causes) -- Total Sites - 325 **Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
106	1110657	EXCAVATION	541 WEST 52ND ST	0 feet
107	9602849	546 WEST 53RD ST	546 WEST 53RD ST	0 feet
108	0305881	COMMERCIAL PROPERTY	553-561 WEST 52ND ST	144 feet to the W*
109	0505569	52ND STREET	52ND BETWEEN 10TH & 11TH	149 feet to the S*
110	9911542	VAULT 3484	525 -537 W 52ND ST	151 feet to the SSE*
111	0330007	560 WEST 52ND STREET	560 WEST 52ND STREET	249 feet to the WSW
112	9313414	766 11TH AVENUE	766 11TH AVENUE	287 feet to the NNE
113	0706546	VACANT LOT	770 11TH AVE	287 feet to the NNE
114	0401214	MANHOLE # 61725	11 TH AVE NEAR 52ND ST	335 feet to the W
115	0912497	524 VAULT	811 10TH AVE	461 feet to the E
116	0709710	INFINITY OF MANHATTEN	11TH AVE & 54TH STREET	492 feet to the N
117	0802247	FIVE GAL GASOLINE IN EXCAVATION	WEST 51 STREET & 11 AVENUE, SEC	500 feet to the WSW
118	0909441	MOBIL SERVICE STATION	718 11TH AVE	513 feet to the SW
119	0501922	MOBIL S/S #17-JWN	718 11TH AVENUE	513 feet to the SW
120	0413534	MOBIL S/S # 17-JWN	718 11TH AVENUE	513 feet to the SW
121	0405537	MOBIL # 17-JWN	718 11TH AVENUE	513 feet to the SW
122	0206262	EXXONMOBIL	718 11TH AVENUE	513 feet to the SW
123	0206844	THE BULL MCCABE	714 11TH AVE	543 feet to the SW
124	0914426	218249; 747 10TH AVE	747 10TH AVE	564 feet to the S
125	0505561	ON STREET	WEST 52ND 10TH AVE	610 feet to the SE
126	0412733	CONSTRUCTION SITE	51ST AND 52ND ON 10TH AVE	646 feet to the SE
127	0304103	CMJ CHRYSLER JEEP	711 11TH AV	670 feet to the WSW
128	9911558	CONSTRUCTION	54TH ST AND 10TH AVE	708 feet to the E

129	0500449	CONSTRUCTION SITE	W. 55TH ST./ 11TH AVE.	713 feet to the N
130	9808452	MANHOLE #62183	WEST 51ST ST & 10TH AVE	713 feet to the SSE
131	9502418	POTAMKIN CADILLAC	787 11TH AVE-1600 W. 55TH	724 feet to the NNW
132	1100660	MAN HOLE 62572	50TH AND 11TH AVE	725 feet to the SW
133	0111494	MH 61804	11TH AV / 50TH ST	725 feet to the SW
134	0206086	HARBORVIEW HOUSES -NYCHA	525 WEST 55TH ST	792 feet to the NE
135	0713319	WEST 50 STREET	ADJACENT TO 700 11TH AVE	805 feet to the SW
136	0713175	EXCAVATION	700 11 AVE AT WEST 50 ST	805 feet to the SW
137	0705327	ASTOR SUBSTATION	11TH & 50TH STREET	805 feet to the SW
138	0609328	ODOR OF GASOLINE IN EXCAVATION	704 11 AVENUE	805 feet to the SW
139	0603477	UST PUNCTURED BY BACKHOE	NEW CON ED SUBSTATION SITE	805 feet to the SW
140	0601353	ASTOR SUBSTATION BCP SITE	700 11TH AVE	805 feet to the SW
141	9812790	IN ROAD -- 11TH AVE	49TH & 50TH ST 11TH AVE	849 feet to the SW
142	9909800	SACRED HEART SCHOOL	456 WEST 52ND ST	859 feet to the SE
143	0205140	VACANT LOT	789 11TH AVE	893 feet to the N
144	0110824	CONSTRUCTION SITE	500 W. 56TH ST	900 feet to the ENE
145	0401793	MANHOLE # 62163	WEST 49TH/11TH AVE	968 feet to the SW
146	0207553	MANHOLE 60244	11TH AVE/49TH ST	968 feet to the SW
147	9811013	WEST 49TH STREET SUB-STAT	623 WEST 49TH STREET	1013 feet to the WSW
148	9411450	WEST 49TH ST. SUBSTATION	WEST 49TH ST.	1013 feet to the WSW
149	0911174	FEEDER 51	601 WEST 49TH ST	1013 feet to the WSW
150	0911173	FEEDER 51	601 49TH ST	1013 feet to the WSW
151	0906042	WEST 49TH ST SUB STATION EMIS 218166	637 WEST 49TH ST	1013 feet to the WSW
152	0804909	CON ED MANHOLE	630 WEST 50TH STREET	1013 feet to the WSW
153	0704103	WEST 50 ST S/S - XFMR # 3, 2 QT LEAK	601 WEST 49 STREET. SUBSTATION	1013 feet to the WSW
154	0608200	IN SUBSTATION	WEST 49TH/ 11TH AVE	1013 feet to the WSW
155	0604873	WEST 49 STREET SUBSTATION	637 WEST 49TH STREET	1013 feet to the WSW
156	0514233	WEST 49 STREET S/S. M51 COOLING PLT	637 WEST 49 STREET. SUBSTATION	1013 feet to the WSW
157	0409234	WEST 49TH SUBSTATION	637 WEST 49/11TH AVE	1013 feet to the WSW
158	0207125	WEST 50TH STREET SUBSTATI	637 WEST 49TH STREET	1013 feet to the WSW
159	0200643	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	1013 feet to the WSW
160	0008897	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	1013 feet to the WSW
161	0890450	208020; W 53 ST	W 53 ST	1061 feet to the ESE
162	0705793	XFMR IN VAULT 1411 IS LEAKING	524 WEST 57 STREET AT 10 AVENUE	1067 feet to the NNE
163	0408303	CBS BROADCASTING	BETWEEN 56TH & 57TH ST	1067 feet to the NNE
164	0004508	CBS BROADCASTING STUDIOS	524 WEST 57TH STREET	1067 feet to the NNE
165	9807726	MH 62814	10TH AVE /WEST 49TH ST	1093 feet to the S
166	1007453	ENVIRONMENTAL HIGH SCHOOL -M834	448 WEST 56TH STREET	1127 feet to the ENE
167	0308545		444 W 56TH ST	1127 feet to the ENE
168	0012850	VAULT # UNKNOWN	444 WEST 56TH ST	1127 feet to the ENE
169	9400498	55TH ST. & 12TH AVE.	55TH ST / 12TH AVENUE	1128 feet to the NNW
170	1010240	PIER 90	WEST 55TH STREET AND 12TH AVE	1128 feet to the NNW
171	0400229		WEST 55TH ST/ JOE DIMAGIO	1128 feet to the NNW
172	9910593	CBS CONSTRUCTION SITE	857 10TH AVE	1150 feet to the NE
173	0506311	VAULT 4736	425 WEST 50TH STREET	1170 feet to the SE
174	0602687	THE HITE FACTORY	421 WEST 54TH ST	1177 feet to the E
175	0890350	209623; S/S W 50 ST 160'EEC 12TH AV	S/S W 50 ST 160'EEC 12TH AV	1191 feet to the W
176	8805233	PASSENGER SHIP TERMINAL	PASSENGER SHIP TERMINAL	1193 feet to the WNW
177	0902973	GROUND	605 WEST 48TH ST	1204 feet to the SW
178	0502556	CONSTRUCTION PROJECT	10TH AVE BTWN 48ST & 49ST	1209 feet to the S
179	9101419	410 WEST 53RS ST/MANH	410 WEST 53RD STREET	1212 feet to the ESE
180	9709645	609 WEST 48TH STREET	609 WEST 48TH STREET	1267 feet to the SW
181	0108089	520 WEST 48TH ST	520 WEST 48TH ST	1274 feet to the SSW

182	9707789	BMW OF MANHATTAN	547 W 47TH ST	1317 feet to the SW
183	9901666	MANHOLE 43319	W 48TH ST & 10TH AV	1319 feet to the S
184	0008960	MANHOLE #43319	W48TH ST & 10TH AV	1319 feet to the S
185	0006718	MANHOLE 43319	W 48TH ST & 10TH AVE	1319 feet to the S
186	0406004	ON ROADWAY	WEST 57TH/10TH AVE	1329 feet to the NE
187	0202865	PARKING GARAGE	545 WEST 47TH ST	1350 feet to the SSW
188	0209314	SORRENTINO RESIDENCE	449 W 48TH ST	1352 feet to the S
189	9000213	PIER 90 &WEST 50TH ST/MAN	PIER 90 / WEST 50TH ST	1355 feet to the W
190	9000200	PIER 90 & WEST 50TH ST	PIER 90 / WEST 50TH ST	1355 feet to the W
191	8804558	PIER 90 - BERTH #3	W49 @ 12 AV,NORDIC PRINCE	1355 feet to the W
192	8603847	PIER 90	PIER 90	1355 feet to the W
193	0307842	NORWEIGEN DAWN	BERTH 90 PASS SHIP TERM	1355 feet to the W
194	0106904	PIER 90	WEST SIDE HIGHWAY	1355 feet to the W
195	0012742	NYC PIER 90	52ND ST & HUDSON RIVER	1355 feet to the W
196	9000081	49TH ST & 12TH AVE/MANH	49TH ST & 12TH AVE	1364 feet to the WSW
197	8910243	W 50TH-52ND ST/PIER 92	W 50TH -52ND ST/PIER 92	1379 feet to the WNW
198	8804451	BERMUDA STAR	PIER 92, W52 ST @ 12 AV	1379 feet to the WNW
199	8605430	UNK OIL OFF PIER 92 IN HU	PIER 92	1379 feet to the WNW
200	0403370	FORMER MOBIL S/S #17-511	842 11TH AVENUE	1381 feet to the NNE
201	9812850	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	1407 feet to the NNW
202	0508045	MANHATTAN WEST 04 DOS-DDC	650 WEST 57TH STREET	1407 feet to the NNW
203	9400462	W. 56TH ST 12TH AVENUE	W. 56TH ST. 12TH AVENUE	1408 feet to the NNW
204	9405727	610-630 W. 48TH STREET	624 WEST 48TH STREET	1421 feet to the WSW
205	9314832	624 WEST 48TH STREET	624 WEST 48TH STREET	1421 feet to the WSW
206	8806214	PIER 94	W 54 ST @ 12 AV	1422 feet to the NW
207	0711088	PIER 94	12TH AVE. / WEST 56TH	1422 feet to the NW
208	0604758	PIER 94	755 12TH AVE	1422 feet to the NW
209	0003013	PIER 94	755 W12TH AV	1422 feet to the NW
210	0301050	VAULT 9263	831 9TH AVE	1437 feet to the E
211	0508375	BUILDING	607-611 WEST 47TH ST	1453 feet to the SW
212	0106958	IFO 624 W48TH ST	SERVICE BOX 9224	1461 feet to the WSW
213	0004189	MAN HOLE 60298	W47TH ST/11TH AV	1472 feet to the SW
214	9914367	MANHOLE #39973	W 53RD ST & 9TH AVE	1499 feet to the ESE
215	9901534	MANHOLE 39979	W.53RD ST & 9TH AVE	1499 feet to the ESE
216	9900806	MANHOLE 39979	9TH AVE / WEST 53RD ST	1499 feet to the ESE
217	9808829	9TH AVE &	53TH ST & 9TH AVE	1499 feet to the ESE
218	0409407	MANHOLE 60978	W 58 ST / 11 TH AV	1501 feet to the NNE
219	0008646		WEST 58TH ST/11TH AVE	1501 feet to the NNE
220	0507015	CONSTRUCTION SITE	617-623 WEST 47TH STREET	1518 feet to the SW
221	9611042	12TH AVE/56TH TO 57TH ST	12TH AVE/56TH TO 57TH ST	1524 feet to the NNW
222	0101161	SERVICE BOX #10817	WEST 56TH ST #419	1526 feet to the ENE
223	0514198	SERVICE BOX 10817	417 W 56TH ST	1544 feet to the ENE
224	0100809	IFO (BTWN 9 & 10TH AV)	417 W 56TH ST	1544 feet to the ENE
225	0111672	MANHOLE	W 48TH ST & 12TH AV	1545 feet to the WSW
226	0102293		WEST 48TH/12TH AVE	1545 feet to the WSW
227	0003862	CUNARLINE DOCK	48TH ST/ 12TH AVE	1545 feet to the WSW
228	0001532	MH 47123	WEST 48TH ST & 12TH AV	1545 feet to the WSW
229	0000821	BOX 47121	W 48TH ST/12TH AVE	1545 feet to the WSW
230	9502428	51ST ST & 9TH AVE	51ST ST & 9TH AVE	1546 feet to the SE
231	0005144	MAN HOLE #56100	IFO 608 W. 47TH ST	1553 feet to the SW
232	0611530	APARTMENT BUILDING	802 9TH AVE	1586 feet to the ESE
233	0713129	TRUCK	512 WEST 47TH STREET	1586 feet to the SSW
234	0301103		798 9TH AVE	1597 feet to the ESE

235	0307678	529 WEST 46TH STREET	529 WEST 46TH STREET	1617 feet to the SSW
236	0914134	216295; W 50 ST AND 9TH AVE	W 50 ST AND 9TH AVE	1631 feet to the SE
237	8909078	668 10TH AVE/MANHATTAN	668 10TH AVENUE	1635 feet to the S
238	8604653	BTWN 58&59TH ST 11TH AVE	BTWN 58&59TH ST 11TH AVE	1639 feet to the NNE
239	0102492	HUDSON RIVER PARK	12TH AVENUE & 57TH STREET	1672 feet to the NNW
240	0304599	VAULT #4520	863 9TH AV & 56TH ST	1676 feet to the E
241	9905442	HUDSON RIVER	PIER 88	1701 feet to the WSW
242	9901302	PIER 88	PIER 88	1701 feet to the WSW
243	9801442	HUDSON RIVER	PIER 88 BERTH 1	1701 feet to the WSW
244	9504678	INTREPID MUSEUM/PIER 88 N	WEST SIDE HGWY/PIER 88 N	1701 feet to the WSW
245	0207825	HUDSON RIVER	PIER 88- BERTH #2	1701 feet to the WSW
246	0302986		403 W. 48TH ST	1715 feet to the SSE
247	0212157	SERVICE BOX #10642	360 W 55TH ST	1722 feet to the E
248	9914632		11TH AVE/WEST 46TH ST	1727 feet to the SW
249	0208030	BASEMENT	364 W 51ST STREET	1730 feet to the SE
250	0200884	ROADWAY	9TH AVE AND WEST 56TH ST	1749 feet to the E
251	9808139	IN A MANHOLE	12TH AV / 47TH ST	1752 feet to the WSW
252	0103164	MANHOLE #61724	12TH AV & W 47TH ST	1752 feet to the WSW
253	0007440	MAN HOLE #61724	12TH AVE/ WEST 47TH ST	1752 feet to the WSW
254	0607302	MANHOLE # 58519	11 AVENUE & WEST 59 STREET	1757 feet to the NNE
255	0507967	OPEN EXCAVATION	WEST END AVE AT 59 ST	1757 feet to the NNE
256	0311347	SUMP AT 59TH ST AND 11TH	SUMP AT 59TH ST AND 11TH	1757 feet to the NNE
257	9614420	BTWN 45TH & 46TH ST	520 W 46TH ST	1787 feet to the SSW
258	0206549	COACH USA/AMTRAK TUNNEL	520 WEST 46TH STREET	1787 feet to the SSW
259	9506999	524 W. 46TH STREET	524 W. 46TH STREET	1796 feet to the SSW
260	9913268	59TH ST GERERATING	850 12TH AVENUE	1807 feet to the N
261	9811220	59TH STREET GEN STATION	850 12TH AVENUE	1807 feet to the N
262	9810568	59 ST GENERATER STATION	850 12TH AVENUE	1807 feet to the N
263	9808772	GENERATING STATION	WEST 59TH ST & 11TH AVE	1807 feet to the N
264	9808043	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N
265	9801578	CON EDISON CHAMBER	850 12TH AVENUE	1807 feet to the N
266	9711802	EAST 59TH ST GEN. STATION	850 12TH AVENUE	1807 feet to the N
267	9711269	59TH STREET STATION	850 12TH AVENUE	1807 feet to the N
268	9702712	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N
269	9702314	850 12TH AVE	850 12TH AVENUE	1807 feet to the N
270	9701900	59TH ST GENERATION STA	850 12TH AVENUE	1807 feet to the N
271	9613529	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N
272	9613195	59TH ST GENERATING STA	850 12TH AVE (DOCK AREA)	1807 feet to the N
273	9609752	59TH ST GENERATING STAT	11TH AVE	1807 feet to the N
274	9606539	59 TH STREET STATION	850 12TH AVENUE	1807 feet to the N
275	9604134	59TH ST SUB STATION	850 12TH AVENUE	1807 feet to the N
276	9505836	59TH ST GEN STATION	850 12TH AVENUE	1807 feet to the N
277	9504658	59TH ST GENERATING STA	850 12TH AVENUE	1807 feet to the N
278	9502104	850 12TH AVE & 59TH ST	850 12TH AVE / 59TH ST	1807 feet to the N
279	9502101	850 12TH AVE & 59TH ST	850 12TH AVE / 59TH ST	1807 feet to the N
280	9415410	59TH ST & 12TH AVENUE	59TH ST / 12TH AVE	1807 feet to the N
281	9414020	CON ED- 59TH ST GEN. STA	850 12TH AVENUE	1807 feet to the N
282	9414007	59TH ST GEN STATION	850 12TH ST	1807 feet to the N
283	9210500	59TH ST GEN STATION	850 12TH AVENUE	1807 feet to the N
284	8905832	850 12TH AVE/WEST 59TH ST	850 12TH AVENUE	1807 feet to the N
285	8401566	CON EDISON	12TH AVE / 58TH ST	1807 feet to the N
286	1105149	CON ED GENERATING	850 12TH AVE	1807 feet to the N
287	1000258	UNDERGROUND TANK	850 12TH AVE	1807 feet to the N

288	0906648	59TH GENERATION STATION	59TH ST OFF THE WEST SIDE HIGHWAY	1807 feet to the N
289	0905715	ASH TUNNEL EMIS 218021	850 12TH AVE	1807 feet to the N
290	0904255	59TH ST SUB STATION	850 12TH AVE	1807 feet to the N
291	0813669	CON ED 59TH ST STATION	850 12TH AVE	1807 feet to the N
292	0804569	59TH STREET GENERATING ST	850 12TH AVE.	1807 feet to the N
293	0804257	WEST 59 ST S/S. OLD OIL IN SUMP 5-1	850 12 AVENUE. SUBSTATION	1807 feet to the N
294	0801251	OIL & GREASE IN SUMP #5.	850 12 AVE. 59 ST GENERATING STATION	1807 feet to the N
295	0800964	WATER SAMPLES TEST HIGH	850 12 AVENUE. STEAM GEN STATION	1807 feet to the N
296	0800541	ONE PINT OIL NEAR SUMP 3	850 12 AVE. WEST 59 ST STEAM STATION	1807 feet to the N
297	0712362	MINOR, RESIDUAL SHEEN INSIDE BOOM	850 12 AVENUE. 59 ST GEN STATION	1807 feet to the N
298	0709733	TWO GALLON SPILL TO DECK OF BARGE	850 12 AVENUE. PIER 98	1807 feet to the N
299	0708505	TWO GALLONS FUEL OIL ON STREET	IN FRONT OF 850 12 AVE. 59 ST GEN STAT	1807 feet to the N
300	0706469	59 STREET STEAM GEN STATION - PIER 98	850 12 AVENUE - DOCK AREA - PIER 98	1807 feet to the N
301	0704702	SHEEN INSIDE BOOM AT PIER 98	850 12 AVENUE - 59 ST GEN STATION	1807 feet to the N
302	0606660	59 STREET GEN STATION	850 12TH AVENUE	1807 feet to the N
303	0602306	WEST 59 ST GENERATING STATION	850 12 AVENUE	1807 feet to the N
304	0514819	600 WEST 59 STREET	AT 11 AVE	1807 feet to the N
305	0512758	59 STREET GEN STATION	850 12TH AVENUE	1807 feet to the N
306	0505230	59TH STATION	850 12TH AVE.	1807 feet to the N
307	0409930	59 TH GENERATING STATION	850 12 AVE	1807 feet to the N
308	0408205	59TH ST GENERATING STATION	850 12TH AVENUE	1807 feet to the N
309	0408062	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N
310	0402879	GENERATING STATION	59TH STREET	1807 feet to the N
311	0311128	59TH ST GENERATING STA	850 12TH AVENUE	1807 feet to the N
312	0306934	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N
313	0304946	59TH ST STATION	850 12TH AVENUE	1807 feet to the N
314	0208530	59TH ST GEN. STATION	850 12TH AVENUE	1807 feet to the N
315	0206681	59TH STREET GENERATOR STN	850 12TH AVENUE	1807 feet to the N
316	0201309	59TH STREET GENERATING ST	850 12TH AVENUE	1807 feet to the N
317	0201238	HUDSON RIVER	850 12TH AVE - GEN. PLANT	1807 feet to the N
318	0201000	59TH ST GENERATOR STATION	850 12TH AVENUE	1807 feet to the N
319	0200916	59 STREET GENER.STATION	850 12TH AVENUE	1807 feet to the N
320	0200587	59TH ST STEAM STATION	850 12TH AVENUE	1807 feet to the N
321	0200557	SUMP #1 59TH ST STATION	850 12TH AVENUE	1807 feet to the N
322	0200508	59TH ST GENERATING PLANT	850 12TH AVENUE	1807 feet to the N
323	0111840	59TH STREET GENERATING ST	850 12TH AVENUE	1807 feet to the N
324	0111467	59TH ST GEN STATION	59TH STREET	1807 feet to the N
325	0110194	59TH ST GEN STATION	850 12TH AVENUE	1807 feet to the N
326	0108888	59TH ST STATION	850 12TH AVENUE	1807 feet to the N
327	0002823	59TH ST GENERATING STAT	850 12TH AVENUE	1807 feet to the N
328	1101698	PIER 97	59TH STREET STATION	1814 feet to the NNW
329	9600354	W46TH STREET BETWEEN 11TH	AVE & WEST SIDE HGHWAY	1824 feet to the SW
330	9912047	NYC PARKS DEPT	537 WEST 69TH ST	1825 feet to the NNE
331	0202758	537 WEST 59TH STREET	537 WEST 59TH STREET	1825 feet to the NNE
332	0202749		537 W 59TH ST	1825 feet to the NNE
333	0412188	COMMERCIAL SITE	2-16 WEST END AVE	1854 feet to the NNE
334	0212324	GASETERIA	2-16 WEST END AVE	1854 feet to the NNE
335	9803858	OLD CAB GARAGE	555 WEST 59TH ST	1885 feet to the NNE
336	0512733	VACANT LOT	555 W. 59TH ST.	1885 feet to the NNE
337	0503781	COMMERCIAL PROPERTY	555 WEST 59TH ST	1885 feet to the NNE
338	9510709	59TH ST BET 11TH & 12TH	59TH ST/ 11TH AND 12TH AV	1890 feet to the N
339	0814530	214063; 48TH ST AND 9TH AVE	48TH ST AND 9TH AVE	1901 feet to the SSE
340	9807828	9TH AVE/WEST 57TH ST	9TH AVE/WEST 57TH ST	1909 feet to the E

341	9404670	545 W 45TH STREET	545 W. 45TH STREET	1911 feet to the SSW
342	0503229	COMMERCIAL PROPERTY	244 WEST 60TH STREET	1930 feet to the NNE
343	0411014	TRANSFORMER VAULT #9879	704 9TH AVE	1942 feet to the SSE
344	0002289	SWING TIME LLC	609-611 11TH AVENUE	1943 feet to the SW
345	9407885	340 W. 55TH STREET	340 W. 55TH STREET	1952 feet to the ESE
346	0814497	213825; W 46 ST AND 12TH AVE	W 46 ST AND 12TH AVE	1966 feet to the WSW
347	9213153	PIER 99-97	PIER 99-97	1973 feet to the NNW
348	9903424	VACANT APT COMPLEX	321 W 54TH ST	1974 feet to the ESE
349	9710106	12TH AV	BET 58TH & 59TH ST	1991 feet to the N
350	0809587	SERVICE ROAD TO WEST SIDE HIGHWAY	BETWEEN 58TH & 59TH STREET	1991 feet to the N
351	9302301	59TH STREET PIER 98	59TH STREET PIER 98	2003 feet to the NNW
352	1006905	WATERWAY/PIER 98	WEST 59 ST AND 12 AVE	2003 feet to the NNW
353	0705340	WEST 59 STREET STATION	PIER 98 HUDSON RIVER - 12 AVENUE	2003 feet to the NNW
354	0413475	PIER # 98	59TH STREET	2003 feet to the NNW
355	9905933	RADIO CITY POST OFFICE	52ND ST RADIO CITY P.O.	2042 feet to the SE
356	9408281	UNK	332 W.52ND. ST.	2042 feet to the SE
357	9908772	HARTLEY HOUSE	413 W 46TH ST	2063 feet to the S
358	0702154	ONE GAL OIL SUCKED UP BY VAC TRUCK	WEST 45 STREET	2066 feet to the SW
359	1012171	VACANT LOT	553 W 44TH ST	2069 feet to the SSW
360	0907529	592- 608 11TH AVE	525 W 44TH STREET	2069 feet to the SSW
361	9912858	INTREPID MUSEUM	166 W.46TH ST	2072 feet to the WSW
362	9800071	PARKING LOT	12TH AVE BTWN 46TH & 45TH	2079 feet to the WSW
363	0300150	TOURO COLLEGE	225 WEST 60TH ST	2086 feet to the NE
364	1007688	IN TUNNEL BELOW (EMPIRE LINE TUNNEL)	15 WEST END AVE	2093 feet to the N
365	0104391	MAN HOLE # 40015	9TH AVE / W. 58TH ST	2097 feet to the ENE
366	1010774	WASHINGTON JEFFERSON HOTEL	318 WEST 51ST ST	2102 feet to the SE
367	9511545	UNDER WEST SIDE HIGHWAY	WEST 59TH ST	2110 feet to the N
368	9210915	12TH AVE AND 59TH STREET	12TH AVE AND 59TH STREET	2110 feet to the N
369	1104650	ON HUDSON RIVER	BY 59TH ST AND 12TH AVE	2110 feet to the N
370	0807639	MANHOLE #58430	WEST 59TH ST EAST OF MARGINAL ST	2110 feet to the N
371	0807637	MANHOLE #58429	WEST 59TH ST EAST OF MARGINAL ST	2110 feet to the N
372	0405793	’” MANHOLE #58430”’	W 59TH ST / 12TH AV	2110 feet to the N
373	0306865	SCHRAGER HOTEL	353 W 57TH ST	2124 feet to the E
374	0607183	GRID # 39 WEST 61ST STREE	BETWEEN WEST 60TH AND 61S	2126 feet to the NNE
375	9606129	HESS GAS STATION	502 WEST 45TH STREET	2136 feet to the SSW
376	9516313	HESS #32215	502 WEST 45TH STREET	2136 feet to the SSW
377	9509460	HESS GAS STATION	10TH AVENUE NEAR W 44TH S	2136 feet to the SSW
378	9415731	502 W. 45TH ST	502 WEST 45TH STREET	2136 feet to the SSW
379	9314775	502 WEST 45TH STREET	502 WEST 45TH STREET	2136 feet to the SSW
380	0900546	HUDSON RIVER - CON ED	59TH ST	2156 feet to the N
381	9002395	PIER 99/59TH ST/MANHATTAN	PIER 99/59TH STREET	2176 feet to the N
382	8910280	59TH ST/PIER 99/MANH	59TH ST/PIER 99	2176 feet to the N
383	0700820	MIDTOWN NORTH PRECINT	306 WEST 54TH STREET	2177 feet to the ESE
384	9900823	321 WEST 55TH ST	321 WEST 55TH ST	2190 feet to the E
385	0514822	VACANT LOT	228 WEST 61ST STREET	2195 feet to the NE
386	9911548	POTAMKIN VOLKSWAGEN, INC.	30 WEST END AVE	2205 feet to the NNE
387	9909993	IN THE ROADWAY	W 45TH BET 9TH & 10TH	2223 feet to the S
388	9515866	415 W 45TH ST	415 W 45TH ST	2234 feet to the S
389	9107170	46TH ST & 9TH AVE	46TH ST / 9TH AVE	2260 feet to the SSE
390	0702387	ONE GAL OIL MH 39908	9 AVENUE & W 46 STREET	2260 feet to the SSE
391	0206450	VAULT 9021	W 46TH ST/9TH AV	2260 feet to the SSE
392	9808712	CLEANERS	659 9TH AVE	2261 feet to the S
393	0602285	BUSINESS	301 WEST 53RD STREET	2265 feet to the ESE

394	0400461	VAULT #6078	302 W 54 ST	2265 feet to the ESE
395	0814257	212299; 61 ST AND WEST END AVE	61 ST AND WEST END AVE	2273 feet to the NNE
396	0105717	WEST END AV W 61ST ST	LEE MILES PARKING GARAGE	2273 feet to the NNE
397	0104659		W.61ST ST/WEST END AVE	2273 feet to the NNE
398	0505194	HOTEL	851 8TH AVE	2281 feet to the SE
399	9808181	MANHOLE #30458	59TH ST AND COLUMBUS AVE	2285 feet to the ENE
400	9305207	E. 59TH ST - COLUMBUS AVE	E. 59TH ST - COLUMBUS AVE	2285 feet to the ENE
401	0107356	MH 60171	10TH AVE/44TH ST	2298 feet to the SSW
402	9110879	322 W 57TH ST	322 W 57TH ST	2298 feet to the E
403	0903348	I/R/O 651 9TH AVE	651 9TH AVE	2308 feet to the S
404	0514548	EMPTY LOT	227 WEST 61ST ST	2332 feet to the NNE
405	1004277	SIDEWALK FILL PORT	211 W 61 STREET	2340 feet to the NE
406	0210598	MANHOLE # 62499	551 WEST 43RD ST	2357 feet to the SSW
407	0912389	AMTRAK TRACKS..	506-512 WEST 44TH ST	2359 feet to the SSW
408	0912388	FUTURE HOLIDAY INN OVER AMTRAK	505-513 WEST 43RD ST	2359 feet to the SSW
409	9806979	304 WEST 49TH STREET	304 WEST 49TH ST	2407 feet to the SE
410	9808961	MANHOLE 32482	8TH AVE / W 54TH ST	2423 feet to the ESE
411	0412011	5 STORY BUILDING	406 WEST 45TH ST.	2425 feet to the S
412	9308581	945 8TH AVENUE	945 8TH AVENUE	2439 feet to the E
413	9900213	MH#56574	W 44TH ST & W SIDE HGHWY	2447 feet to the SW
414	0506301	PIER 84	WEST 43RD ST AND 12TH AVE	2447 feet to the WSW
415	0908773	UPS STORE TTF	643 WEST 43RD STREET	2458 feet to the SW
416	9910001		W 45TH ST & 9TH AVE	2464 feet to the S
417	0300384	MANHOLE 56671	WEST 45TH ST	2464 feet to the S
418	0103813	FORDHAM U. LINCOLN CTR	W.62ND ST & AMSTERDAM AVE	2476 feet to the NE
419	0302167	959 EIGHTH AVE	959 8TH AVE	2478 feet to the E
420	9515105	NYC SUBWAY PLATFORM	WEST 50 ST AND 8TH AVE	2481 feet to the SE
421	0207268	VAULT 9021	341 W 46TH ST & 8TH AV	2489 feet to the SSE
422	0609052	CAPITAL ASSOCIATES	840 8TH AVE	2556 feet to the SE
423	8600296	CON-ED ASBESTOS	8TH AVE.&W. 56TH ST.	2559 feet to the E
424	9611467	GOTHAM CONSTRUCTION SITE	520 WEST 43RD ST	2561 feet to the SSW
425	9613779	RESCUE CO.1 FDNY -DDC	530 WEST 43RD STREET	2561 feet to the SSW
426	9608407	8TH AVE & W 49TH ST	8TH AVE & W 49TH ST	2563 feet to the SE
427	9608402	8TH AVE & W 49TH ST	8TH AVE & W 49TH ST	2563 feet to the SE
428	0405757	MANHOLE 58594	AMSTERDAM AVE/WEST 62ND S	2584 feet to the NE
429	0106458	APARTMENT BLDG	435 W 43RD DT	2618 feet to the S
430	0107767	IN ROADWAY	507 W 42ND ST	2622 feet to the SSW

Closed Status Spills (Miscellaneous Spill Causes) -- Total Sites - 66 **Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
431	9909771	549 WEST 52ND STREET	549 WEST 52ND STREET	101 feet to the WSW*
432	9901463	52ND ST	52ND ST, 10TH & 11TH AV	149 feet to the S*
433	0703518	FORMER VERIZON FACILITY	770 11TH AVE	287 feet to the NNE
434	0512738	IN PARKING LOT	766 11TH AVE	287 feet to the NNE
435	9709805	APARTMENT BLDG	535 W. 51ST ST	291 feet to the S
436	9912977	562 W.52ND ST	562 W.52ND ST	304 feet to the WSW
437	9813102	11TH AVE BETWEEN 53 AND	11TH AVE BET 53RD,54TH ST	395 feet to the NNW
438	9803781	MOBIL SERVICE STATION HPD -DDC	783 10TH AVENUE	454 feet to the ESE
439	9712707	MOBIL SERVICE STATION HPD -DDC	783 10TH AVENUE	454 feet to the ESE
440	9010289	783 10TH AVE/MANH/MOBIL	783 TENTH AVENUE	454 feet to the ESE
441	0514118	VAULT #6326	500 W. 54 STREET	461 feet to the E
442	0000276	811 TENTH AVE	811 10TH AVE	461 feet to the E
443	9901462	54TH ST	54TH ST & 11TH AV	492 feet to the N

444	0608731	BUS	54TH & 11TH AVE	492 feet to the N
445	9505594	MOBIL S/S	718 11TH AVENUE	513 feet to the SW
446	1109808	S&R REPAIR SERVICE	718 11TH AVE	513 feet to the SW
447	0403447	MOBIL #17-JWN	718 11TH AVE	513 feet to the SW
448	0813463	APARTMENT BUILDING	501 WEST 51ST ST	537 feet to the SSE
449	0007323	BULL MCCABE	714 11TH AVE	543 feet to the SW
450	9306238	POTAMKIN MITSUBISHI	706 11TH AVENUE	562 feet to the SW
451	9211268	POTAMKIN MITSUBISHI	706 11TH AVE	562 feet to the SW
452	9300130	APARTMENT	759 10TH AVE	562 feet to the SSE
453	1107827	APT. BUILDING	747 10TH AVE	564 feet to the S
454	1002582	TRANSFORMER VAULT	747 10TH AVE	564 feet to the S
455	0910510	IN FRONT OF	811 10TH AVE	613 feet to the E
456	9605385	604 WEST 54TH STREET	604 WEST 54TH STREET	669 feet to the NW
457	0401386	MANHOLE #62572	11TH AVE/N50TH STREET	725 feet to the SW
458	1010636	SKYLINE HOTEL	725 10TH AVE	860 feet to the S
459	9814823	WEST 49TH STREET STATION	637 WEST 49TH STREET	1013 feet to the WSW
460	9504329	49TH ST S/S	13TH ST & 49TH ST	1013 feet to the WSW
461	1005342	TRANSMISSION FEEDER	637 WEST 49TH STREET SUBSTATION	1013 feet to the WSW
462	0913693	FEEDER	637 W/49TH ST	1013 feet to the WSW
463	0908206	WEST 49 SUB STATION	637 W 49TH ST	1013 feet to the WSW
464	0710715	WEST 49 ST S/S. FILL LINE LEAK.	637 WEST 49 STREET	1013 feet to the WSW
465	9910605	855 TENTH AVENUE	857 10TH AV	1150 feet to the NE
466	9910603	CBS	855 10TH AVE	1150 feet to the NE
467	0003597	PASSENGER SHIP TERMINAL	711 12TH AVENUE	1193 feet to the WNW
468	0003583	PASSENGER SHIP TERMINAL	711 12TH AVENUE	1193 feet to the WNW
469	0230010	PIER 92	WEST SIDE HWY	1379 feet to the WNW
470	0202149	PIER 92	50TH ST/HUDSON RIVER	1379 feet to the WNW
471	9504912	W. 47TH ST/W. SIDE HGWY	W. 47TH ST/W.SIDE HGWY	1752 feet to the WSW
472	0202886	MANHOLE #61724	12TH AVE-S OF W47TH ST	1752 feet to the WSW
473	0304668	59TH ST GEN STATION	820 12TH AVE	1761 feet to the NNW
474	9711409	59TH GENERATION SUBSTATIO	850 12TH AVENUE	1807 feet to the N
475	9314312	59TH STREET GEN STATION	850 12TH AVENUE	1807 feet to the N
476	9109326	59TH ST. GEN STATION	12TH AVE / 59TH ST	1807 feet to the N
477	9002737	59TH ST & 12TH AV/CON ED	59TH ST & 12TH AVENUE	1807 feet to the N
478	8807802	850 12TH AVE/CON ED PIER	850 12TH AVENUE	1807 feet to the N
479	8804215	59TH ST & 12TH AVE/CONED	59TH ST & 12TH AVE	1807 feet to the N
480	0409394	59TH ST. GENERATIN STATIO	850 12TH AVENUE	1807 feet to the N
481	0303767	59TH ST GENERATING STA	850 12TH AVENUE	1807 feet to the N
482	8701633	12TH AVENUE / 58TH STREET	12TH AVENUE / 59TH STREET	1991 feet to the N
483	0100506	VAULT #4824	IFO 328 W 56TH ST	2126 feet to the E
484	9604842	HESS GAS STATION	502 WEST 45TH STREET	2136 feet to the SSW
485	0109480	HUDSON RIVER	OFF WEST 59TH STREET	2156 feet to the N
486	9515868	MIDTOWN AUTO CARE SERVICE	415 WEST 45TH STRET	2234 feet to the S
487	9909986		449 WEST 44TH ST	2235 feet to the S
488	0206548	VAULT # 9021	WEST 46TH ST & 9TH AVE	2260 feet to the SSE
489	9814735		459 W 44TH ST	2269 feet to the S
490	9414445	BARBED RES.	459 WEST 44TH STREET	2269 feet to the S
491	0608372	COMMERCIAL BUILDING	851 8TH AVE	2281 feet to the SE
492	9105002	CON ED/W 54TH ST & 8TH AV	CON ED/W 54TH ST & 8TH AV	2423 feet to the ESE
493	8905459	W 55TH ST & 8TH AVE/MANH	W 55TH ST & 8TH AVE	2479 feet to the ESE
494	9614001	RESIDENCE	351-357 W 45TH ST	2530 feet to the SSE
495	0710341	APARTMENT	355 WEST 45TH ST	2530 feet to the SSE
496	9412744	AMSTERDAM HOUSES	60 AMSTERDAM AVE	2581 feet to the NNE

Petroleum Bulk Storage Sites -- Total Sites - 25

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
497	2-469874	549 WEST 52ND STREET	549 WEST 52ND STREET	95 feet to the WSW*
498	2-609227	CLINTON PARKVIEW APARTMENTS	555 WEST 52ND STREET	145 feet to the W*
499	2-470619	552 WEST 53RD STREET	552 WEST 53RD STREET	172 feet to the NW*
500	2-470937	554 WEST 53 STREET	554 WEST 53RD STREET	172 feet to the NW*
501	NY07467	NYC HDA DEPT RELOC	552 W 52 ST	205 feet to the SW
502	2-337129	APPLE IND CONDO	525 WEST 52ND STREET	244 feet to the SE
503	2-344710	MERCEDES BENZ MANHATTAN, INC	770 11TH AVE	287 feet to the NNE
504	2-055190	CLINTON MANOR	535 WEST 51ST STREET	288 feet to the S
505	2-610990	CYBERT TIRE CO.	726 ELEVENTH AVENUE	310 feet to the SW
506	2-400602	MOBIL S/S	783 TENTH AVE	454 feet to the ESE
507	2-341657	AT&T	811 TENTH AVENUE	461 feet to the E
508	2-109541	CENTRO MARIA	539 W 54 ST	471 feet to the NNE
509	2-607669	500 WEST 52 STREET	500 WEST 52ND STREET	498 feet to the SE
510	NY07466	NYC HDA DEPT OF RELOC	500 W 52 ST	498 feet to the SE
511	2-157899	MOBIL R/S #11375	718 11TH AVENUE	506 feet to the SW
512	2-606097	725 11TH AVENUE	725 11 TH AVENUE	509 feet to the W
513	NY06012	LEN FRANK	725 11 AVE	510 feet to the W
514	2-470600	501 WEST 51ST STREET	501 WEST 51ST STREET	539 feet to the SSE
515	2-342297	POTAMKIN MITSUBISHI	706 ELEVENTH AVENUE	551 feet to the SW
516	2-353612	PARK WEST HS	525 WEST 50TH STREET	562 feet to the S
517	2-040541	HUDSONVIEW TERRACE APTS	747 TENTH AVE	562 feet to the S
518	2-611011	CLINTON TOWERS	790 ELEVENTH AVENUE	575 feet to the NNE
519	NY07974	PHIPPS HOUSES SERIVES	790 11 AVE	575 feet to the NNE
520	2-606798	753 10 AVENUE	753 TENTH AVENUE	589 feet to the SSE
521	2-153451	55TH ST TAXI GARAGE INCTHE FOUNDRY	508 W 55 ST	657 feet to the ENE

Hazardous Waste Generators, Transporters -- Total Sites - 34

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
522	NYR000189134	WEST 52ND AFFORDABLE DEVELOPERS LLC	533-541 W 52ND ST	0 feet
523	NYP004048070	CONSOLIDATED EDISON	#3484-W 52ND ST	153 feet to the SSE*
524	NYR000125187	CLINTON HOUSES PARTNERS LP	554 W 53RD ST	168 feet to the NW*
525	NYD987030806	NEW YORK TELEPHONE	770 11TH AVE-E 54TH ST	228 feet to the NNE
526	NYR000018515	ASTRID OFFSET CORP	525 WEST 52ND STREET	249 feet to the SE
527	NYR000076323	TANA SEYBERT	525 W. 52ND STREET	249 feet to the SE
528	NYP004095162	CONSOLIDATED EDISON	MH61725-11TH AVE & 52-53RD ST	307 feet to the WNW
529	NYP004172623	CONSOLIDATED EDISON	535 W51TH ST.	307 feet to the S
530	NYR000133066	CLINTON GREEN	W 53 ST & 11 AVE	331 feet to the NW
531	NYP004096640	CONSOLIDATED EDISON	H61725-W 53RD ST & 11TH AVE	331 feet to the NW
532	NYP004112918	CONSOLIDATED EDISON	W 52 ST & 11 AVE MH60136	335 feet to the W
533	NYP004205258	CONSOLIDATED EDISON	11TH AVE & 52ND ST - MH 33217	335 feet to the W
534	NYP004150983	CONSOLIDATED EDISON	11TH AVE & 52ND ST	335 feet to the W
535	NYD980645832	AMERICAN TELEPHONE & TELEGRAPH	811 10TH AVE	454 feet to the E
536	NYR000070680	LUCENT TECHNOLOGIES	611 10TH AVE	454 feet to the E
537	NYP004141214	CONSOLIDATED EDISON	500 W 54TH STREET MH6326	454 feet to the E
538	NYR000088393	BELL ATLANTIC	811 10TH AVE - 1ST FLOOR	454 feet to the E
539	NY0001492313	MOBIL SERVICE STATION	783 10TH AVE & W 53RD ST	469 feet to the ESE
540	NYP004208571	CONSOLIDATED EDISON	11TH AVE & 54TH ST	492 feet to the N
541	NYP004240131	CONSOLIDATED EDISON - MH 33225	S/W 11TH AVE & WEST 54TH ST	492 feet to the N
542	NYP004161667	CONSOLIDATED EDISON	11 TH AVE & 51 ST	500 feet to the WSW
543	NYP004157392	CONSOLIDATED EDISON	W. 51ST ST. & 11TH AVENUE	500 feet to the WSW

544	NYP004046843	CONSOLIDATED EDISON	V2314-W 51ST ST	500 feet to the WSW
545	NYD986962447	MOBIL OIL CORP SS #JWN	718 11TH AVE	523 feet to the SW
546	NYP004206084	CONSOLIDATED EDISON	S/S W 54TH ST 236 W/O 10TH AVE	526 feet to the ENE
547	NYP004205621	CON EDISON	SS W 54TH ST 236 W OF 10TH AVE	526 feet to the ENE
548	NYR000006106	CHRYSLER REALTY CORP	706 11TH AVE	583 feet to the SW
549	NYD981481765	POTAMKIN CHRYSLER CORPORATION	706-11TH AVENUE & WEST 50TH	583 feet to the SW
550	NYP004219794	CONSOLIDATED EDISON - MH 43368	ELY S/E/C W 53 ST & 10 AVE	606 feet to the ESE
551	NYP004095303	CONSOLIDATED EDISON	W 53 ST & 10 AVE MH43367	606 feet to the ESE
552	NYP004197174	CONSOLIDATED EDISON	W 53 ST & 10 AVE	606 feet to the ESE
553	NYP004110870	CONSOLIDATED EDISON	W 52 ST & 10 AVE	610 feet to the SE
554	NYP004157863	CONSOLIDATED EDISON	11 AVE BETWEEN 51 ST & 50 ST	611 feet to the WSW
555	NYR000079186	ITI USA CORP	609 W 51ST ST	640 feet to the W

Air Discharge Sites -- Total Sites - 2 **Database searched at 1/8 MILE - Non-ASTM Database**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
556	3606100339	53RD ST SERVICE STAT	783 10TH AVE.	477 feet to the ESE
557	3606100323	MOBIL	718 11TH AVE	503 feet to the SW

Identified Toxic Sites by Proximity

530-548 West 53rd Street, New York, NY 10019

* Compass directions can vary substantially for sites located very close to the subject property address.

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
106	EXCAVATION	541 WEST 52ND ST	0 feet	Closed Status Spill (Unk/Other Cause)
522	WEST 52ND AFFORDABLE DEVELOPERS LLC	533-541 W 52ND ST	0 feet	Hazardous Waste Generator/Transporter
107	546 WEST 53RD ST	546 WEST 53RD ST	0 feet	Closed Status Spill (Unk/Other Cause)
497	549 WEST 52ND STREET	549 WEST 52ND STREET	95 feet to the WSW*	Petroleum Bulk Storage Site
431	549 WEST 52ND STREET	549 WEST 52ND STREET	101 feet to the WSW*	Closed Status Spill (Misc. Spill Cause)
42	FORMER TAXI DEPOT	553-561 W 52ND ST	144 feet to the W*	Closed Status Tank Failure
108	COMMERCIAL PROPERTY	553-561 WEST 52ND ST	144 feet to the W*	Closed Status Spill (Unk/Other Cause)
498	CLINTON PARKVIEW APARTMENTS	555 WEST 52ND STREET	145 feet to the W*	Petroleum Bulk Storage Site
109	52ND STREET	52ND BETWEEN 10TH & 11TH	149 feet to the S*	Closed Status Spill (Unk/Other Cause)
432	52ND ST	52ND ST, 10TH & 11TH AV	149 feet to the S*	Closed Status Spill (Misc. Spill Cause)
110	VAULT 3484	525 -537 W 52ND ST	151 feet to the SSE*	Closed Status Spill (Unk/Other Cause)
523	CONSOLIDATED EDISON	#3484-W 52ND ST	153 feet to the SSE*	Hazardous Waste Generator/Transporter
524	CLINTON HOUSES PARTNERS LP	554 W 53RD ST	168 feet to the NW*	Hazardous Waste Generator/Transporter
499	552 WEST 53RD STREET	552 WEST 53RD STREET	172 feet to the NW*	Petroleum Bulk Storage Site
500	554 WEST 53 STREET	554 WEST 53RD STREET	172 feet to the NW*	Petroleum Bulk Storage Site
501	NYC HDA DEPT RELOC	552 W 52 ST	205 feet to the SW	Petroleum Bulk Storage Site
525	NEW YORK TELEPHONE	770 11TH AVE-E 54TH ST	228 feet to the NNE	Hazardous Waste Generator/Transporter
502	APPLE IND CONDO	525 WEST 52ND STREET	244 feet to the SE	Petroleum Bulk Storage Site
111	560 WEST 52ND STREET	560 WEST 52ND STREET	249 feet to the WSW	Closed Status Spill (Unk/Other Cause)
526	ASTRID OFFSET CORP	525 WEST 52ND STREET	249 feet to the SE	Hazardous Waste Generator/Transporter
527	TANA SEYBERT	525 W. 52ND STREET	249 feet to the SE	Hazardous Waste Generator/Transporter
75	N Y TELEPHONE	770 11TH AVE	287 feet to the NNE	Closed Status Tank Test Failure
76	766 11TH AVENUE / NEW YOR	766 11TH AVENUE	287 feet to the NNE	Closed Status Tank Test Failure
112	766 11TH AVENUE	766 11TH AVENUE	287 feet to the NNE	Closed Status Spill (Unk/Other Cause)
113	VACANT LOT	770 11TH AVE	287 feet to the NNE	Closed Status Spill (Unk/Other Cause)
433	FORMER VERIZON FACILITY	770 11TH AVE	287 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
434	IN PARKING LOT	766 11TH AVE	287 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
503	MERCEDES BENZ MANHATTAN, INC	770 11TH AVE	287 feet to the NNE	Petroleum Bulk Storage Site
504	CLINTON MANOR	535 WEST 51ST STREET	288 feet to the S	Petroleum Bulk Storage Site
435	APARTMENT BLDG	535 W. 51ST ST	291 feet to the S	Closed Status Spill (Misc. Spill Cause)
436	562 W.52ND ST	562 W.52ND ST	304 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
528	CONSOLIDATED EDISON	MH61725-11TH AVE & 52-53RD ST	307 feet to the WNW	Hazardous Waste Generator/Transporter
529	CONSOLIDATED EDISON	535 W51TH ST.	307 feet to the S	Hazardous Waste Generator/Transporter
505	CYBERT TIRE CO.	726 ELEVENTH AVENUE	310 feet to the SW	Petroleum Bulk Storage Site
530	CLINTON GREEN	W 53 ST & 11 AVE	331 feet to the NW	Hazardous Waste Generator/Transporter
531	CONSOLIDATED EDISON	H61725-W 53RD ST & 11TH AVE	331 feet to the NW	Hazardous Waste Generator/Transporter
114	MANHOLE # 61725	11 TH AVE NEAR 52ND ST	335 feet to the W	Closed Status Spill (Unk/Other Cause)
532	CONSOLIDATED EDISON	W 52 ST & 11 AVE MH60136	335 feet to the W	Hazardous Waste Generator/Transporter
533	CONSOLIDATED EDISON	11TH AVE & 52ND ST - MH 33217	335 feet to the W	Hazardous Waste Generator/Transporter
534	CONSOLIDATED EDISON	11TH AVE & 52ND ST	335 feet to the W	Hazardous Waste Generator/Transporter
1	CLINTON GREEN DEVELOPMENT PROJECT	51ST - 53RD ST. & 10TH AVE.	349 feet to the SE	Brownfields Site
437	11TH AVE BETWEEN 53 AND	11TH AVE BET 53RD,54TH ST	395 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
19	MOBIL SERVICE STATION HPD	783 10TH AVENUE	454 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
77	783 10TH AVENUE	783 TENTH AVENUE	454 feet to the ESE	Closed Status Tank Test Failure
438	MOBIL SERVICE STATION HPD -DDC	783 10TH AVENUE	454 feet to the ESE	Closed Status Spill (Misc. Spill Cause)

439	MOBIL SERVICE STATION HPD -DDC	783 10TH AVENUE	454 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
440	783 10TH AVE/MANH/MOBIL	783 TENTH AVENUE	454 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
506	MOBIL S/S	783 TENTH AVE	454 feet to the ESE	Petroleum Bulk Storage Site
535	AMERICAN TELEPHONE & TELEGRAPH	811 10TH AVE	454 feet to the E	Hazardous Waste Generator/Transporter
536	LUCENT TECHNOLOGIES	611 10TH AVE	454 feet to the E	Hazardous Waste Generator/Transporter
537	CONSOLIDATED EDISON	500 W 54TH STREET MH6326	454 feet to the E	Hazardous Waste Generator/Transporter
538	BELL ATLANTIC	811 10TH AVE - 1ST FLOOR	454 feet to the E	Hazardous Waste Generator/Transporter
115	524 VAULT	811 10TH AVE	461 feet to the E	Closed Status Spill (Unk/Other Cause)
441	VAULT #6326	500 W. 54 STREET	461 feet to the E	Closed Status Spill (Misc. Spill Cause)
442	811 TENTH AVE	811 10TH AVE	461 feet to the E	Closed Status Spill (Misc. Spill Cause)
507	AT&T	811 TENTH AVENUE	461 feet to the E	Petroleum Bulk Storage Site
539	MOBIL SERVICE STATION	783 10TH AVE & W 53RD ST	469 feet to the ESE	Hazardous Waste Generator/Transporter
508	CENTRO MARIA	539 W 54 ST	471 feet to the NNE	Petroleum Bulk Storage Site
556	53RD ST SERVICE STAT	783 10TH AVE.	477 feet to the ESE	Air Discharge Site
35	W 54TH ST & 11TH AVE	W 54TH ST / 11TH AVE	492 feet to the N	Active Haz Spill (Misc. Spill Cause)
116	INFINITY OF MANHATTEN	11TH AVE & 54TH STREET	492 feet to the N	Closed Status Spill (Unk/Other Cause)
443	54TH ST	54TH ST & 11TH AV	492 feet to the N	Closed Status Spill (Misc. Spill Cause)
444	BUS	54TH & 11TH AVE	492 feet to the N	Closed Status Spill (Misc. Spill Cause)
540	CONSOLIDATED EDISON	11TH AVE & 54TH ST	492 feet to the N	Hazardous Waste Generator/Transporter
541	CONSOLIDATED EDISON - MH 33225	S/W 11TH AVE & WEST 54TH ST	492 feet to the N	Hazardous Waste Generator/Transporter
13	COMMERCIAL BUILDING	500 WEST 52ND STREET	494 feet to the SE	Active Tank Test Failure
509	500 WEST 52 STREET	500 WEST 52ND STREET	498 feet to the SE	Petroleum Bulk Storage Site
510	NYC HDA DEPT OF RELOC	500 W 52 ST	498 feet to the SE	Petroleum Bulk Storage Site
117	FIVE GAL GASOLINE IN EXCAVATION	WEST 51 STREET & 11 AVENUE, SEC	500 feet to the WSW	Closed Status Spill (Unk/Other Cause)
542	CONSOLIDATED EDISON	11 TH AVE & 51 ST	500 feet to the WSW	Hazardous Waste Generator/Transporter
543	CONSOLIDATED EDISON	W. 51ST ST. & 11TH AVENUE	500 feet to the WSW	Hazardous Waste Generator/Transporter
544	CONSOLIDATED EDISON	V2314-W 51ST ST	500 feet to the WSW	Hazardous Waste Generator/Transporter
557	MOBIL	718 11TH AVE	503 feet to the SW	Air Discharge Site
511	MOBIL R/S #11375	718 11TH AVENUE	506 feet to the SW	Petroleum Bulk Storage Site
512	725 11TH AVENUE	725 11 TH AVENUE	509 feet to the W	Petroleum Bulk Storage Site
513	LEN FRANK	725 11 AVE	510 feet to the W	Petroleum Bulk Storage Site
14	MOBIL S/S#17-JWN	718 11TH AVENUE	513 feet to the SW	Active Tank Test Failure
43	MOBIL S/S	718 11TH AVENUE	513 feet to the SW	Closed Status Tank Failure
44	EXXONMOBIL	718 11TH AVE	513 feet to the SW	Closed Status Tank Failure
45	EXXON/MOBIL	718 11TH AVE	513 feet to the SW	Closed Status Tank Failure
78	MOBIL S/S	718 11TH AVENUE	513 feet to the SW	Closed Status Tank Test Failure
118	MOBIL SERVICE STATION	718 11TH AVE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
119	MOBIL S/S #17-JWN	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
120	MOBIL S/S # 17-JWN	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
121	MOBIL # 17-JWN	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
122	EXXONMOBIL	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Unk/Other Cause)
445	MOBIL S/S	718 11TH AVENUE	513 feet to the SW	Closed Status Spill (Misc. Spill Cause)
446	S&R REPAIR SERVICE	718 11TH AVE	513 feet to the SW	Closed Status Spill (Misc. Spill Cause)
447	MOBIL #17-JWN	718 11TH AVE	513 feet to the SW	Closed Status Spill (Misc. Spill Cause)
545	MOBIL OIL CORP SS #JWN	718 11TH AVE	523 feet to the SW	Hazardous Waste Generator/Transporter
546	CONSOLIDATED EDISON	S/S W 54TH ST 236 W/O 10TH AVE	526 feet to the ENE	Hazardous Waste Generator/Transporter
547	CON EDISON	SS W 54TH ST 236 W OF 10TH AVE	526 feet to the ENE	Hazardous Waste Generator/Transporter
448	APARTMENT BUILDING	501 WEST 51ST ST	537 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
514	501 WEST 51ST STREET	501 WEST 51ST STREET	539 feet to the SSE	Petroleum Bulk Storage Site
46	EXXON MOBIL	714 11TH AVE	543 feet to the SW	Closed Status Tank Failure
47	BULL MCCABE BUSINESS	714 11TH AVE	543 feet to the SW	Closed Status Tank Failure
123	THE BULL MCCABE	714 11TH AVE	543 feet to the SW	Closed Status Spill (Unk/Other Cause)
449	BULL MCCABE	714 11TH AVE	543 feet to the SW	Closed Status Spill (Misc. Spill Cause)

515	POTAMKIN MITSUBISHI	706 ELEVENTH AVENUE	551 feet to the SW	Petroleum Bulk Storage Site
450	POTAMKIN MITSUBISHI	706 11TH AVENUE	562 feet to the SW	Closed Status Spill (Misc. Spill Cause)
451	POTAMKIN MITSUBISHI	706 11TH AVE	562 feet to the SW	Closed Status Spill (Misc. Spill Cause)
452	APARTMENT	759 10TH AVE	562 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
516	PARK WEST HS	525 WEST 50TH STREET	562 feet to the S	Petroleum Bulk Storage Site
517	HUDSONVIEW TERRACE APTS	747 TENTH AVE	562 feet to the S	Petroleum Bulk Storage Site
124	218249; 747 10TH AVE	747 10TH AVE	564 feet to the S	Closed Status Spill (Unk/Other Cause)
453	APT. BUILDING	747 10TH AVE	564 feet to the S	Closed Status Spill (Misc. Spill Cause)
454	TRANSFORMER VAULT	747 10TH AVE	564 feet to the S	Closed Status Spill (Misc. Spill Cause)
518	CLINTON TOWERS	790 ELEVENTH AVENUE	575 feet to the NNE	Petroleum Bulk Storage Site
519	PHIPPS HOUSES SERIVES	790 11 AVE	575 feet to the NNE	Petroleum Bulk Storage Site
548	CHRYSLER REALTY CORP	706 11TH AVE	583 feet to the SW	Hazardous Waste Generator/Transporter
549	POTAMKIN CHRYSLER CORPORATION	706-11TH AVENUE & WEST 50TH	583 feet to the SW	Hazardous Waste Generator/Transporter
520	753 10 AVENUE	753 TENTH AVENUE	589 feet to the SSE	Petroleum Bulk Storage Site
2	OFF-SITE CLINTON GREEN DEVELOPMENT PROJECT	51ST - 53RD ST. & 10TH AVE.	606 feet to the ESE	Brownfields Site
550	CONSOLIDATED EDISON - MH 43368	ELY S/E/C W 53 ST & 10 AVE	606 feet to the ESE	Hazardous Waste Generator/Transporter
551	CONSOLIDATED EDISON	W 53 ST & 10 AVE MH43367	606 feet to the ESE	Hazardous Waste Generator/Transporter
552	CONSOLIDATED EDISON	W 53 ST & 10 AVE	606 feet to the ESE	Hazardous Waste Generator/Transporter
125	ON STREET	WEST 52ND 10TH AVE	610 feet to the SE	Closed Status Spill (Unk/Other Cause)
553	CONSOLIDATED EDISON	W 52 ST & 10 AVE	610 feet to the SE	Hazardous Waste Generator/Transporter
554	CONSOLIDATED EDISON	11 AVE BETWEEN 51 ST & 50 ST	611 feet to the WSW	Hazardous Waste Generator/Transporter
455	IN FRONT OF	811 10TH AVE	613 feet to the E	Closed Status Spill (Misc. Spill Cause)
555	ITI USA CORP	609 W 51ST ST	640 feet to the W	Hazardous Waste Generator/Transporter
126	CONSTRUCTION SITE	51ST AND 52ND ON 10TH AVE	646 feet to the SE	Closed Status Spill (Unk/Other Cause)
521	55TH ST TAXI GARAGE INCTHE FOUNDRY	508 W 55 ST	657 feet to the ENE	Petroleum Bulk Storage Site
20	PRODUCTION STUDIO	IN FRONT OF 709 11TH AVENUE	665 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
456	604 WEST 54TH STREET	604 WEST 54TH STREET	669 feet to the NW	Closed Status Spill (Misc. Spill Cause)
127	CMJ CHRYSLER JEEP	711 11TH AV	670 feet to the WSW	Closed Status Spill (Unk/Other Cause)
128	CONSTRUCTION	54TH ST AND 10TH AVE	708 feet to the E	Closed Status Spill (Unk/Other Cause)
129	CONSTRUCTION SITE	W. 55TH ST./ 11TH AVE.	713 feet to the N	Closed Status Spill (Unk/Other Cause)
130	MANHOLE #62183	WEST 51ST ST & 10TH AVE	713 feet to the SSE	Closed Status Spill (Unk/Other Cause)
131	POTAMKIN CADILLAC	787 11TH AVE-1600 W. 55TH	724 feet to the NNW	Closed Status Spill (Unk/Other Cause)
132	MAN HOLE 62572	50TH AND 11TH AVE	725 feet to the SW	Closed Status Spill (Unk/Other Cause)
133	MH 61804	11TH AV / 50TH ST	725 feet to the SW	Closed Status Spill (Unk/Other Cause)
457	MANHOLE #62572	11TH AVE/N50TH STREET	725 feet to the SW	Closed Status Spill (Misc. Spill Cause)
79	X	520 WEST 50TH ST	769 feet to the SSW	Closed Status Tank Test Failure
80	HARBORVIEW HOUSES -NYCHA	525 WEST 55TH ST	792 feet to the NE	Closed Status Tank Test Failure
81	HARBORVIEW TERRACE	525 WEST 55TH ST	792 feet to the NE	Closed Status Tank Test Failure
134	HARBORVIEW HOUSES -NYCHA	525 WEST 55TH ST	792 feet to the NE	Closed Status Spill (Unk/Other Cause)
15	MARTIN MOTORS	700 11TH AVE	805 feet to the SW	Active Tank Test Failure
48	ASTOR SUBSTATION - EXCAVATION	700 11TH AVE	805 feet to the SW	Closed Status Tank Failure
135	WEST 50 STREET	ADJACENT TO 700 11TH AVE	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
136	EXCAVATION	700 11 AVE AT WEST 50 ST	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
137	ASTOR SUBSTATION	11TH & 50TH STREET	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
138	ODOR OF GASOLINE IN EXCAVATION	704 11 AVENUE	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
139	UST PUNCTURED BY BACKHOE	NEW CON ED SUBSTATION SITE	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
140	ASTOR SUBSTATION BCP SITE	700 11TH AVE	805 feet to the SW	Closed Status Spill (Unk/Other Cause)
3	ASTOR SUBSTATION PROJECT SITE	700 11TH AVE, 549-551 & 553-557 W 49TH ST	845 feet to the SW	Brownfields Site
141	IN ROAD -- 11TH AVE	49TH & 50TH ST 11TH AVE	849 feet to the SW	Closed Status Spill (Unk/Other Cause)
142	SACRED HEART SCHOOL	456 WEST 52ND ST	859 feet to the SE	Closed Status Spill (Unk/Other Cause)
458	SKYLINE HOTEL	725 10TH AVE	860 feet to the S	Closed Status Spill (Misc. Spill Cause)
143	VACANT LOT	789 11TH AVE	893 feet to the N	Closed Status Spill (Unk/Other Cause)
49		500 WEST 56TH ST	900 feet to the ENE	Closed Status Tank Failure

144	CONSTRUCTION SITE	500 W. 56TH ST	900 feet to the ENE	Closed Status Spill (Unk/Other Cause)
36	11TH AVE & W 49TH ST	11TH AVE & W 49TH ST	968 feet to the SW	Active Haz Spill (Misc. Spill Cause)
37	11TH AVE & W 49TH ST	11TH AVE & W 49TH ST	968 feet to the SW	Active Haz Spill (Misc. Spill Cause)
145	MANHOLE # 62163	WEST 49TH/11TH AVE	968 feet to the SW	Closed Status Spill (Unk/Other Cause)
146	MANHOLE 60244	11TH AVE/49TH ST	968 feet to the SW	Closed Status Spill (Unk/Other Cause)
21	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	1013 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
22	W. 49ST SUB. STA.	W. 49TH SUB. STA.	1013 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
147	WEST 49TH STREET SUB-STAT	623 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
148	WEST 49TH ST. SUBSTATION	WEST 49TH ST.	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
149	FEEDER 51	601 WEST 49TH ST	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
150	FEEDER 51	601 49TH ST	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
151	WEST 49TH ST SUB STATION EMIS 218166	637 WEST 49TH ST	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
152	CON ED MANHOLE	630 WEST 50TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
153	WEST 50 ST S/S - XFMR # 3, 2 QT LEAK	601 WEST 49 STREET. SUBSTATION	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
154	IN SUBSTATION	WEST 49TH/ 11TH AVE	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
155	WEST 49 STREET SUBSTATION	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
156	WEST 49 STREET S/S. M51 COOLING PLT	637 WEST 49 STREET. SUBSTATION	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
157	WEST 49TH SUBSTATION	637 WEST 49/11TH AVE	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
158	WEST 50TH STREET SUBSTATI	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
159	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
160	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Unk/Other Cause)
459	WEST 49TH STREET STATION	637 WEST 49TH STREET	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
460	49TH ST S/S	13TH ST & 49TH ST	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
461	TRANSMISSION FEEDER	637 WEST 49TH STREET SUBSTATION	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
462	FEEDER	637 W/49TH ST	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
463	WEST 49 SUB STATION	637 W 49TH ST	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
464	WEST 49 ST S/S. FILL LINE LEAK.	637 WEST 49 STREET	1013 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
161	208020; W 53 ST	W 53 ST	1061 feet to the ESE	Closed Status Spill (Unk/Other Cause)
162	XFMR IN VAULT 1411 IS LEAKING	524 WEST 57 STREET AT 10 AVENUE	1067 feet to the NNE	Closed Status Spill (Unk/Other Cause)
163	CBS BROADCASTING	BETWEEN 56TH & 57TH ST	1067 feet to the NNE	Closed Status Spill (Unk/Other Cause)
164	CBS BROADCASTING STUDIOS	524 WEST 57TH STREET	1067 feet to the NNE	Closed Status Spill (Unk/Other Cause)
165	MH 62814	10TH AVE /WEST 49TH ST	1093 feet to the S	Closed Status Spill (Unk/Other Cause)
166	ENVIRONMENTAL HIGH SCHOOL -M834	448 WEST 56TH STREET	1127 feet to the ENE	Closed Status Spill (Unk/Other Cause)
167		444 W 56TH ST	1127 feet to the ENE	Closed Status Spill (Unk/Other Cause)
168	VAULT # UNKNOWN	444 WEST 56TH ST	1127 feet to the ENE	Closed Status Spill (Unk/Other Cause)
169	55TH ST. & 12TH AVE.	55TH ST / 12TH AVENUE	1128 feet to the NNW	Closed Status Spill (Unk/Other Cause)
170	PIER 90	WEST 55TH STREET AND 12TH AVE	1128 feet to the NNW	Closed Status Spill (Unk/Other Cause)
171		WEST 55TH ST/ JOE DIMAGIO	1128 feet to the NNW	Closed Status Spill (Unk/Other Cause)
38	CBS BROADCASTING	857 10TH AV	1150 feet to the NE	Active Haz Spill (Misc. Spill Cause)
172	CBS CONSTRUCTION SITE	857 10TH AVE	1150 feet to the NE	Closed Status Spill (Unk/Other Cause)
465	855 TENTH AVENUE	857 10TH AV	1150 feet to the NE	Closed Status Spill (Misc. Spill Cause)
466	CBS	855 10TH AVE	1150 feet to the NE	Closed Status Spill (Misc. Spill Cause)
23	LEXUS DEALERSHIP	835 11TH AVE	1164 feet to the N	Active Haz Spill (Unknown/Other Cause)
173	VAULT 4736	425 WEST 50TH STREET	1170 feet to the SE	Closed Status Spill (Unk/Other Cause)
174	THE HITE FACTORY	421 WEST 54TH ST	1177 feet to the E	Closed Status Spill (Unk/Other Cause)
175	209623; S/S W 50 ST 160'EEC 12TH AV	S/S W 50 ST 160'EEC 12TH AV	1191 feet to the W	Closed Status Spill (Unk/Other Cause)
82	CLOSED-LACKOF RECENT INFO	711 12TH AVENUE	1193 feet to the WNW	Closed Status Tank Test Failure
176	PASSENGER SHIP TERMINAL	PASSENGER SHIP TERMINAL	1193 feet to the WNW	Closed Status Spill (Unk/Other Cause)
467	PASSENGER SHIP TERMINAL	711 12TH AVENUE	1193 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
468	PASSENGER SHIP TERMINAL	711 12TH AVENUE	1193 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
83	ATC MANAGEMENT	605 WEST 48TH ST	1204 feet to the SW	Closed Status Tank Test Failure
177	GROUND	605 WEST 48TH ST	1204 feet to the SW	Closed Status Spill (Unk/Other Cause)
178	CONSTRUCTION PROJECT	10TH AVE BTWN 48ST & 49ST	1209 feet to the S	Closed Status Spill (Unk/Other Cause)

179	410 WEST 53RS ST/MANH	410 WEST 53RD STREET	1212 feet to the ESE	Closed Status Spill (Unk/Other Cause)
50	660 12TH AVE (A/K/A)	618-628 W 49TH ST	1259 feet to the WSW	Closed Status Tank Failure
180	609 WEST 48TH STREET	609 WEST 48TH STREET	1267 feet to the SW	Closed Status Spill (Unk/Other Cause)
181	520 WEST 48TH ST	520 WEST 48TH ST	1274 feet to the SSW	Closed Status Spill (Unk/Other Cause)
24	547 W 47TH ST	547 W 47TH ST	1317 feet to the SW	Active Haz Spill (Unknown/Other Cause)
51	BMW	547 WEST 47TH ST	1317 feet to the SW	Closed Status Tank Failure
182	BMW OF MANHATTAN	547 W 47TH ST	1317 feet to the SW	Closed Status Spill (Unk/Other Cause)
183	MANHOLE 43319	W 48TH ST & 10TH AV	1319 feet to the S	Closed Status Spill (Unk/Other Cause)
184	MANHOLE #43319	W48TH ST & 10TH AV	1319 feet to the S	Closed Status Spill (Unk/Other Cause)
185	MANHOLE 43319	W 48TH ST & 10TH AVE	1319 feet to the S	Closed Status Spill (Unk/Other Cause)
186	ON ROADWAY	WEST 57TH/10TH AVE	1329 feet to the NE	Closed Status Spill (Unk/Other Cause)
187	PARKING GARAGE	545 WEST 47TH ST	1350 feet to the SSW	Closed Status Spill (Unk/Other Cause)
188	SORRENTINO RESIDENCE	449 W 48TH ST	1352 feet to the S	Closed Status Spill (Unk/Other Cause)
84	PIER 90/MANHATTAN	PIER 90/MANHATTAN	1355 feet to the W	Closed Status Tank Test Failure
189	PIER 90 &WEST 50TH ST/MAN	PIER 90 / WEST 50TH ST	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
190	PIER 90 & WEST 50TH ST	PIER 90 / WEST 50TH ST	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
191	PIER 90 - BERTH #3	W49 @ 12 AV,NORDIC PRINCE	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
192	PIER 90	PIER 90	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
193	NORWEIGEN DAWN	BERTH 90 PASS SHIP TERM	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
194	PIER 90	WEST SIDE HIGHWAY	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
195	NYC PIER 90	52ND ST & HUDSON RIVER	1355 feet to the W	Closed Status Spill (Unk/Other Cause)
196	49TH ST & 12TH AVE/MANH	49TH ST & 12TH AVE	1364 feet to the WSW	Closed Status Spill (Unk/Other Cause)
85	CLOSED-LACKOF RECENT INFO	PORT AUTHORITY PIER 92	1379 feet to the WNW	Closed Status Tank Test Failure
197	W 50TH-52ND ST/PIER 92	W 50TH -52ND ST/PIER 92	1379 feet to the WNW	Closed Status Spill (Unk/Other Cause)
198	BERMUDA STAR	PIER 92, W52 ST @ 12 AV	1379 feet to the WNW	Closed Status Spill (Unk/Other Cause)
199	UNK OIL OFF PIER 92 IN HU	PIER 92	1379 feet to the WNW	Closed Status Spill (Unk/Other Cause)
469	PIER 92	WEST SIDE HWY	1379 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
470	PIER 92	50TH ST/HUDSON RIVER	1379 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
16	FORMER MOBIL #17-511	842 11TH AVE	1381 feet to the NNE	Active Tank Test Failure
86	EXXONMOBIL	842 11TH AVENUE	1381 feet to the NNE	Closed Status Tank Test Failure
200	FORMER MOBIL S/S #17-511	842 11TH AVENUE	1381 feet to the NNE	Closed Status Spill (Unk/Other Cause)
87	JANOVIC PAINT	771 9TH AV	1406 feet to the SE	Closed Status Tank Test Failure
17	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	1407 feet to the NNW	Active Tank Test Failure
25	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	1407 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
52	NYC SANITATION BCC OPS	650 W 57TH ST	1407 feet to the NNW	Closed Status Tank Failure
201	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	1407 feet to the NNW	Closed Status Spill (Unk/Other Cause)
202	MANHATTAN WEST 04 DOS-DDC	650 WEST 57TH STREET	1407 feet to the NNW	Closed Status Spill (Unk/Other Cause)
203	W. 56TH ST 12TH AVENUE	W. 56TH ST. 12TH AVENUE	1408 feet to the NNW	Closed Status Spill (Unk/Other Cause)
88	NYNEX	624 WEST 48TH STREET	1421 feet to the WSW	Closed Status Tank Test Failure
89	624 WEST 48TH ST	624 WEST 48TH ST	1421 feet to the WSW	Closed Status Tank Test Failure
204	610-630 W. 48TH STREET	624 WEST 48TH STREET	1421 feet to the WSW	Closed Status Spill (Unk/Other Cause)
205	624 WEST 48TH STREET	624 WEST 48TH STREET	1421 feet to the WSW	Closed Status Spill (Unk/Other Cause)
206	PIER 94	W 54 ST @ 12 AV	1422 feet to the NW	Closed Status Spill (Unk/Other Cause)
207	PIER 94	12TH AVE. / WEST 56TH	1422 feet to the NW	Closed Status Spill (Unk/Other Cause)
208	PIER 94	755 12TH AVE	1422 feet to the NW	Closed Status Spill (Unk/Other Cause)
209	PIER 94	755 W12TH AV	1422 feet to the NW	Closed Status Spill (Unk/Other Cause)
53	ANNA'S	763 9TH AVE	1432 feet to the SE	Closed Status Tank Failure
210	VAULT 9263	831 9TH AVE	1437 feet to the E	Closed Status Spill (Unk/Other Cause)
54	605 WEST 47TH STREET	605 WEST 47TH STREET	1445 feet to the SW	Closed Status Tank Failure
211	BUILDING	607-611 WEST 47TH ST	1453 feet to the SW	Closed Status Spill (Unk/Other Cause)
212	IFO 624 W48TH ST	SERVICE BOX 9224	1461 feet to the WSW	Closed Status Spill (Unk/Other Cause)
213	MAN HOLE 60298	W47TH ST/11TH AV	1472 feet to the SW	Closed Status Spill (Unk/Other Cause)
4	MID BLOCK #57 PROJECT	615-649 WEST 57TH STREET	1481 feet to the N	Brownfields Site

5	OFF-SITE MID-BLOCK #57 PROJECT	615-649 WEST 57TH STREET	1481 feet to the N	Brownfields Site
55	467 W. 57TH ST.	467 W. 57TH ST.	1493 feet to the ENE	Closed Status Tank Failure
214	MANHOLE #39973	W 53RD ST & 9TH AVE	1499 feet to the ESE	Closed Status Spill (Unk/Other Cause)
215	MANHOLE 39979	W.53RD ST & 9TH AVE	1499 feet to the ESE	Closed Status Spill (Unk/Other Cause)
216	MANHOLE 39979	9TH AVE / WEST 53RD ST	1499 feet to the ESE	Closed Status Spill (Unk/Other Cause)
217	9TH AVE &	53TH ST & 9TH AVE	1499 feet to the ESE	Closed Status Spill (Unk/Other Cause)
218	MANHOLE 60978	W 58 ST / 11 TH AV	1501 feet to the NNE	Closed Status Spill (Unk/Other Cause)
219		WEST 58TH ST/11TH AVE	1501 feet to the NNE	Closed Status Spill (Unk/Other Cause)
56	CONSTRUCTION SITE	617-623 WEST 47TH STREET	1518 feet to the SW	Closed Status Tank Failure
220	CONSTRUCTION SITE	617-623 WEST 47TH STREET	1518 feet to the SW	Closed Status Spill (Unk/Other Cause)
221	12TH AVE/56TH TO 57TH ST	12TH AVE/56TH TO 57TH ST	1524 feet to the NNW	Closed Status Spill (Unk/Other Cause)
222	SERVICE BOX #10817	WEST 56TH ST #419	1526 feet to the ENE	Closed Status Spill (Unk/Other Cause)
90	TERRIFIC TENEMENTS	425 W 48TH ST	1541 feet to the SSE	Closed Status Tank Test Failure
6	CE - W. 58TH ST. STATION	11TH AVE. BETWEEN W.58TH - W. 59TH STS.	1544 feet to the NNE	Brownfields Site
223	SERVICE BOX 10817	417 W 56TH ST	1544 feet to the ENE	Closed Status Spill (Unk/Other Cause)
224	IFO (BTWN 9 & 10TH AV)	417 W 56TH ST	1544 feet to the ENE	Closed Status Spill (Unk/Other Cause)
225	MANHOLE	W 48TH ST & 12TH AV	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
226		WEST 48TH/12TH AVE	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
227	CUNARLINE DOCK	48TH ST/ 12TH AVE	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
228	MH 47123	WEST 48TH ST & 12TH AV	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
229	BOX 47121	W 48TH ST/12TH AVE	1545 feet to the WSW	Closed Status Spill (Unk/Other Cause)
91	639 11TH AVE./MAHATTAN	639 11TH AVE.	1546 feet to the SW	Closed Status Tank Test Failure
230	51ST ST & 9TH AVE	51ST ST & 9TH AVE	1546 feet to the SE	Closed Status Spill (Unk/Other Cause)
231	MAN HOLE #56100	IFO 608 W. 47TH ST	1553 feet to the SW	Closed Status Spill (Unk/Other Cause)
92	TOYOTA BUILDING	623 WEST 57TH ST	1559 feet to the N	Closed Status Tank Test Failure
232	APARTMENT BUILDING	802 9TH AVE	1586 feet to the ESE	Closed Status Spill (Unk/Other Cause)
233	TRUCK	512 WEST 47TH STREET	1586 feet to the SSW	Closed Status Spill (Unk/Other Cause)
234		798 9TH AVE	1597 feet to the ESE	Closed Status Spill (Unk/Other Cause)
235	529 WEST 46TH STREET	529 WEST 46TH STREET	1617 feet to the SSW	Closed Status Spill (Unk/Other Cause)
57		612-614 WEST 47TH ST	1624 feet to the SW	Closed Status Tank Failure
236	216295; W 50 ST AND 9TH AVE	W 50 ST AND 9TH AVE	1631 feet to the SE	Closed Status Spill (Unk/Other Cause)
58	400 WEST 56TH ST	400 WEST 56TH ST	1634 feet to the E	Closed Status Tank Failure
237	668 10TH AVE/MANHATTAN	668 10TH AVENUE	1635 feet to the S	Closed Status Spill (Unk/Other Cause)
238	BTWN 58&59TH ST 11TH AVE	BTWN 58&59TH ST 11TH AVE	1639 feet to the NNE	Closed Status Spill (Unk/Other Cause)
59	408 WEST 57TH ST	408 WEST 57TH ST	1667 feet to the ENE	Closed Status Tank Failure
26	HUDSON RIVER PARK	12TH AVE & 57TH ST	1672 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
60		57TH ST / 12TH AVE	1672 feet to the NNW	Closed Status Tank Failure
239	HUDSON RIVER PARK	12TH AVENUE & 57TH STREET	1672 feet to the NNW	Closed Status Spill (Unk/Other Cause)
240	VAULT #4520	863 9TH AV & 56TH ST	1676 feet to the E	Closed Status Spill (Unk/Other Cause)
241	HUDSON RIVER	PIER 88	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
242	PIER 88	PIER 88	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
243	HUDSON RIVER	PIER 88 BERTH 1	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
244	INTREPID MUSEUM/PIER 88 N	WEST SIDE HGWY/PIER 88 N	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
245	HUDSON RIVER	PIER 88- BERTH #2	1701 feet to the WSW	Closed Status Spill (Unk/Other Cause)
93	RESIDENCE	454 WEST 47TH ST	1709 feet to the S	Closed Status Tank Test Failure
246		403 W. 48TH ST	1715 feet to the SSE	Closed Status Spill (Unk/Other Cause)
247	SERVICE BOX #10642	360 W 55TH ST	1722 feet to the E	Closed Status Spill (Unk/Other Cause)
248		11TH AVE/WEST 46TH ST	1727 feet to the SW	Closed Status Spill (Unk/Other Cause)
249	BASEMENT	364 W 51ST STREET	1730 feet to the SE	Closed Status Spill (Unk/Other Cause)
250	ROADWAY	9TH AVE AND WEST 56TH ST	1749 feet to the E	Closed Status Spill (Unk/Other Cause)
251	IN A MANHOLE	12TH AV / 47TH ST	1752 feet to the WSW	Closed Status Spill (Unk/Other Cause)
252	MANHOLE #61724	12TH AV & W 47TH ST	1752 feet to the WSW	Closed Status Spill (Unk/Other Cause)
253	MAN HOLE #61724	12TH AVE/ WEST 47TH ST	1752 feet to the WSW	Closed Status Spill (Unk/Other Cause)

471	W. 47TH ST/W. SIDE HGWY	W. 47TH ST/W.SIDE HGWY	1752 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
472	MANHOLE #61724	12TH AVE-S OF W47TH ST	1752 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
27	FEEDER M52	WEST 49TH ST	1757 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
28	EXCAVATION	59TH STREET AND WEST END AVE	1757 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
29	FEEDER M51	W59TH ST/WEST END AVE	1757 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
39	WEST END AVE/W. 59TH ST	WEST END AVE N/O W59TH ST	1757 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
254	MANHOLE # 58519	11 AVENUE & WEST 59 STREET	1757 feet to the NNE	Closed Status Spill (Unk/Other Cause)
255	OPEN EXCAVATION	WEST END AVE AT 59 ST	1757 feet to the NNE	Closed Status Spill (Unk/Other Cause)
256	SUMP AT 59TH ST AND 11TH	SUMP AT 59TH ST AND 11TH	1757 feet to the NNE	Closed Status Spill (Unk/Other Cause)
473	59TH ST GEN STATION	820 12TH AVE	1761 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
94	COACH USA	520 WEST 46TH STREET	1787 feet to the SSW	Closed Status Tank Test Failure
257	BTWN 45TH & 46TH ST	520 W 46TH ST	1787 feet to the SSW	Closed Status Spill (Unk/Other Cause)
258	COACH USA/AMTRAK TUNNEL	520 WEST 46TH STREET	1787 feet to the SSW	Closed Status Spill (Unk/Other Cause)
61	METROPOLITAN LUMBER CO	623 11TH AVE	1795 feet to the SW	Closed Status Tank Failure
259	524 W. 46TH STREET	524 W. 46TH STREET	1796 feet to the SSW	Closed Status Spill (Unk/Other Cause)
30	AMTRAK RAILS	46TH AT 10TH AVE	1799 feet to the S	Active Haz Spill (Unknown/Other Cause)
62	59TH ST STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Tank Failure
260	59TH ST GERERATING	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
261	59TH STREET GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
262	59 ST GENERATER STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
263	GENERATING STATION	WEST 59TH ST & 11TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
264	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
265	CON EDISON CHAMBER	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
266	EAST 59TH ST GEN. STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
267	59TH STREET STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
268	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
269	850 12TH AVE	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
270	59TH ST GENERATION STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
271	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
272	59TH ST GENERATING STA	850 12TH AVE (DOCK AREA)	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
273	59TH ST GENERATING STAT	11TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
274	59 TH STREET STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
275	59TH ST SUB STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
276	59TH ST GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
277	59TH ST GENERATING STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
278	850 12TH AVE & 59TH ST	850 12TH AVE / 59TH ST	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
279	850 12TH AVE & 59TH ST	850 12TH AVE / 59TH ST	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
280	59TH ST & 12TH AVENUE	59TH ST / 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
281	CON ED- 59TH ST GEN. STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
282	59TH ST GEN STATION	850 12TH ST	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
283	59TH ST GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
284	850 12TH AVE/WEST 59TH ST	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
285	CON EDISON	12TH AVE / 58TH ST	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
286	CON ED GENERATING	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
287	UNDERGROUND TANK	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
288	59TH GENERATION STATION	59TH ST OFF THE WEST SIDE HIGHWAY	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
289	ASH TUNNEL EMIS 218021	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
290	59TH ST SUB STATION	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
291	CON ED 59TH ST STATION	850 12TH AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
292	59TH STREET GENERATING ST	850 12TH AVE.	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
293	WEST 59 ST S/S. OLD OIL IN SUMP 5-1	850 12 AVENUE. SUBSTATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
294	OIL & GREASE IN SUMP #5.	850 12 AVE. 59 ST GENERATING STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
295	WATER SAMPLES TEST HIGH	850 12 AVENUE. STEAM GEN STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)

296	ONE PINT OIL NEAR SUMP 3	850 12 AVE. WEST 59 ST STEAM STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
297	MINOR, RESIDUAL SHEEN INSIDE BOOM	850 12 AVENUE. 59 ST GEN STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
298	TWO GALLON SPILL TO DECK OF BARGE	850 12 AVENUE. PIER 98	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
299	TWO GALLONS FUEL OIL ON STREET	IN FRONT OF 850 12 AVE. 59 ST GEN STAT	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
300	59 STREET STEAM GEN STATION - PIER 98	850 12 AVENUE - DOCK AREA - PIER 98	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
301	SHEEN INSIDE BOOM AT PIER 98	850 12 AVENUE - 59 ST GEN STATION	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
302	59 STREET GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
303	WEST 59 ST GENERATING STATION	850 12 AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
304	600 WEST 59 STREET	AT 11 AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
305	59 STREET GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
306	59TH STATION	850 12TH AVE.	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
307	59 TH GENERATING STATION	850 12 AVE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
308	59TH ST GENERATING STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
309	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
310	GENERATING STATION	59TH STREET	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
311	59TH ST GENERATING STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
312	59TH ST GENERATING STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
313	59TH ST STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
314	59TH ST GEN. STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
315	59TH STREET GENERATOR STN	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
316	59TH STREET GENERATING ST	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
317	HUDSON RIVER	850 12TH AVE - GEN. PLANT	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
318	59TH ST GENERATOR STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
319	59 STREET GENER.STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
320	59TH ST STEAM STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
321	SUMP #1 59TH ST STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
322	59TH ST GENERATING PLANT	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
323	59TH STREET GENERATING ST	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
324	59TH ST GEN STATION	59TH STREET	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
325	59TH ST GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
326	59TH ST STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
327	59TH ST GENERATING STAT	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Unk/Other Cause)
474	59TH GENERATION SUBSTATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
475	59TH STREET GEN STATION	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
476	59TH ST. GEN STATION	12TH AVE / 59TH ST	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
477	59TH ST & 12TH AV/CON ED	59TH ST & 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
478	850 12TH AVE/CON ED PIER	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
479	59TH ST & 12TH AVE/CONED	59TH ST & 12TH AVE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
480	59TH ST. GENERATIN STATIO	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
481	59TH ST GENERATING STA	850 12TH AVENUE	1807 feet to the N	Closed Status Spill (Misc. Spill Cause)
328	PIER 97	59TH STREET STATION	1814 feet to the NNW	Closed Status Spill (Unk/Other Cause)
329	W46TH STREET BETWEEN 11TH	AVE & WEST SIDE HGHWAY	1824 feet to the SW	Closed Status Spill (Unk/Other Cause)
330	NYC PARKS DEPT	537 WEST 69TH ST	1825 feet to the NNE	Closed Status Spill (Unk/Other Cause)
331	537 WEST 59TH STREET	537 WEST 59TH STREET	1825 feet to the NNE	Closed Status Spill (Unk/Other Cause)
332		537 W 59TH ST	1825 feet to the NNE	Closed Status Spill (Unk/Other Cause)
95	GASETERIA OIL CORP	2-16 WEST END AVE	1854 feet to the NNE	Closed Status Tank Test Failure
333	COMMERCIAL SITE	2-16 WEST END AVE	1854 feet to the NNE	Closed Status Spill (Unk/Other Cause)
334	GASETERIA	2-16 WEST END AVE	1854 feet to the NNE	Closed Status Spill (Unk/Other Cause)
40	PARKS & RECREATION BLDG	533 W 59TH ST/222 W 60 ST	1871 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
335	OLD CAB GARAGE	555 WEST 59TH ST	1885 feet to the NNE	Closed Status Spill (Unk/Other Cause)
336	VACANT LOT	555 W. 59TH ST.	1885 feet to the NNE	Closed Status Spill (Unk/Other Cause)
337	COMMERCIAL PROPERTY	555 WEST 59TH ST	1885 feet to the NNE	Closed Status Spill (Unk/Other Cause)
96		525 WEST 45TH ST	1888 feet to the SSW	Closed Status Tank Test Failure

338	59TH ST BET 11TH & 12TH	59TH ST/ 11TH AND 12TH AV	1890 feet to the N	Closed Status Spill (Unk/Other Cause)
339	214063; 48TH ST AND 9TH AVE	48TH ST AND 9TH AVE	1901 feet to the SSE	Closed Status Spill (Unk/Other Cause)
340	9TH AVE/WEST 57TH ST	9TH AVE/WEST 57TH ST	1909 feet to the E	Closed Status Spill (Unk/Other Cause)
63	APT BUILDING	545 WEST 45TH ST	1911 feet to the SSW	Closed Status Tank Failure
341	545 W 45TH STREET	545 W. 45TH STREET	1911 feet to the SSW	Closed Status Spill (Unk/Other Cause)
342	COMMERCIAL PROPERTY	244 WEST 60TH STREET	1930 feet to the NNE	Closed Status Spill (Unk/Other Cause)
12	KELLERMANN PAINT CO INC	605 WEST 45TH ST	1942 feet to the SW	Hazardous Waste Treat, Storage, Disposal
343	TRANSFORMER VAULT #9879	704 9TH AVE	1942 feet to the SSE	Closed Status Spill (Unk/Other Cause)
64	609-611 11TH AVE	609-611 11TH AVENUE	1943 feet to the SW	Closed Status Tank Failure
344	SWING TIME LLC	609-611 11TH AVENUE	1943 feet to the SW	Closed Status Spill (Unk/Other Cause)
65	MULTIPLE DWELLING	340 WEST 55TH ST.	1952 feet to the ESE	Closed Status Tank Failure
345	340 W. 55TH STREET	340 W. 55TH STREET	1952 feet to the ESE	Closed Status Spill (Unk/Other Cause)
97	416 WEST 47TH STREET	416 WEST 47TH ST	1965 feet to the SSE	Closed Status Tank Test Failure
346	213825; W 46 ST AND 12TH AVE	W 46 ST AND 12TH AVE	1966 feet to the WSW	Closed Status Spill (Unk/Other Cause)
347	PIER 99-97	PIER 99-97	1973 feet to the NNW	Closed Status Spill (Unk/Other Cause)
348	VACANT APT COMPLEX	321 W 54TH ST	1974 feet to the ESE	Closed Status Spill (Unk/Other Cause)
349	12TH AV	BET 58TH & 59TH ST	1991 feet to the N	Closed Status Spill (Unk/Other Cause)
350	SERVICE ROAD TO WEST SIDE HIGHWAY	BETWEEN 58TH & 59TH STREET	1991 feet to the N	Closed Status Spill (Unk/Other Cause)
482	12TH AVENUE / 58TH STREET	12TH AVENUE / 59TH STREET	1991 feet to the N	Closed Status Spill (Misc. Spill Cause)
31	PIER 98 /59TH ST	59TH ST	2003 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
351	59TH STREET PIER 98	59TH STREET PIER 98	2003 feet to the NNW	Closed Status Spill (Unk/Other Cause)
352	WATERWAY/PIER 98	WEST 59 ST AND 12 AVE	2003 feet to the NNW	Closed Status Spill (Unk/Other Cause)
353	WEST 59 STREET STATION	PIER 98 HUDSON RIVER - 12 AVENUE	2003 feet to the NNW	Closed Status Spill (Unk/Other Cause)
354	PIER # 98	59TH STREET	2003 feet to the NNW	Closed Status Spill (Unk/Other Cause)
98	ST CLEMENTS	423 WEST 46TH ST	2007 feet to the S	Closed Status Tank Test Failure
355	RADIO CITY POST OFFICE	52ND ST RADIO CITY P.O.	2042 feet to the SE	Closed Status Spill (Unk/Other Cause)
356	UNK	332 W.52ND. ST.	2042 feet to the SE	Closed Status Spill (Unk/Other Cause)
66	WEST 45TH ST & 10TH AVE	WEST 45TH ST & 10TH AVE	2049 feet to the SSW	Closed Status Tank Failure
357	HARTLEY HOUSE	413 W 46TH ST	2063 feet to the S	Closed Status Spill (Unk/Other Cause)
358	ONE GAL OIL SUCKED UP BY VAC TRUCK	WEST 45 STREET	2066 feet to the SW	Closed Status Spill (Unk/Other Cause)
359	VACANT LOT	553 W 44TH ST	2069 feet to the SSW	Closed Status Spill (Unk/Other Cause)
360	592- 608 11TH AVE	525 W 44TH STREET	2069 feet to the SSW	Closed Status Spill (Unk/Other Cause)
361	INTREPID MUSEUM	166 W.46TH ST	2072 feet to the WSW	Closed Status Spill (Unk/Other Cause)
362	PARKING LOT	12TH AVE BTWN 46TH & 45TH	2079 feet to the WSW	Closed Status Spill (Unk/Other Cause)
363	TOURO COLLEGE	225 WEST 60TH ST	2086 feet to the NE	Closed Status Spill (Unk/Other Cause)
364	IN TUNNEL BELOW (EMPIRE LINE TUNNEL)	15 WEST END AVE	2093 feet to the N	Closed Status Spill (Unk/Other Cause)
365	MAN HOLE # 40015	9TH AVE / W. 58TH ST	2097 feet to the ENE	Closed Status Spill (Unk/Other Cause)
366	WASHINGTON JEFFERSON HOTEL	318 WEST 51ST ST	2102 feet to the SE	Closed Status Spill (Unk/Other Cause)
367	UNDER WEST SIDE HIGHWAY	WEST 59TH ST	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
368	12TH AVE AND 59TH STREET	12TH AVE AND 59TH STREET	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
369	ON HUDSON RIVER	BY 59TH ST AND 12TH AVE	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
370	MANHOLE #58430	WEST 59TH ST EAST OF MARGINAL ST	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
371	MANHOLE #58429	WEST 59TH ST EAST OF MARGINAL ST	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
372	''' MANHOLE #58430'''	W 59TH ST / 12TH AV	2110 feet to the N	Closed Status Spill (Unk/Other Cause)
373	SCHRAGER HOTEL	353 W 57TH ST	2124 feet to the E	Closed Status Spill (Unk/Other Cause)
67	EXCAVAVTION	WEST 60TH BETWEEN 10 & 11	2126 feet to the NNE	Closed Status Tank Failure
374	GRID # 39 WEST 61ST STREE	BETWEEN WEST 60TH AND 61S	2126 feet to the NNE	Closed Status Spill (Unk/Other Cause)
483	VAULT #4824	IFO 328 W 56TH ST	2126 feet to the E	Closed Status Spill (Misc. Spill Cause)
7	WEST 61ST STREET SITE	229-251 WEST 60TH, ST., & 218-240 WEST 61TH ST.	2128 feet to the NNE	Brownfields Site
99	HESS/MERIT	502 W 45TH ST	2136 feet to the SSW	Closed Status Tank Test Failure
100	502 WEST 45TH ST/HESS	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Tank Test Failure
375	HESS GAS STATION	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)
376	HESS #32215	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)

377	HESS GAS STATION	10TH AVENUE NEAR W 44TH S	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)
378	502 W. 45TH ST	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)
379	502 WEST 45TH STREET	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Unk/Other Cause)
484	HESS GAS STATION	502 WEST 45TH STREET	2136 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
380	HUDSON RIVER - CON ED	59TH ST	2156 feet to the N	Closed Status Spill (Unk/Other Cause)
485	HUDSON RIVER	OFF WEST 59TH STREET	2156 feet to the N	Closed Status Spill (Misc. Spill Cause)
381	PIER 99/59TH ST/MANHATTAN	PIER 99/59TH STREET	2176 feet to the N	Closed Status Spill (Unk/Other Cause)
382	59TH ST/PIER 99/MANH	59TH ST/PIER 99	2176 feet to the N	Closed Status Spill (Unk/Other Cause)
68	MIDTOWN NORTH PRECINCT NYPD -DDC	306 WEST 54TH STREET	2177 feet to the ESE	Closed Status Tank Failure
101	306 W 54TH STREET	306 WEST 54TH STREET	2177 feet to the ESE	Closed Status Tank Test Failure
102	MIDTOWN NORTH PRECINCT NYPD -DDC	306 WEST 54TH STREET	2177 feet to the ESE	Closed Status Tank Test Failure
383	MIDTOWN NORTH PRECINT	306 WEST 54TH STREET	2177 feet to the ESE	Closed Status Spill (Unk/Other Cause)
32	SOIL	246-252 WEST 61ST ST	2181 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
8	WEST 61ST STREET TENNIS COURT AREA SITE	218 WEST 61ST ST	2186 feet to the NE	Brownfields Site
384	321 WEST 55TH ST	321 WEST 55TH ST	2190 feet to the E	Closed Status Spill (Unk/Other Cause)
385	VACANT LOT	228 WEST 61ST STREET	2195 feet to the NE	Closed Status Spill (Unk/Other Cause)
10	CON EDISON	12TH AVENUE AND 45TH STREET	2198 feet to the SW	Solid Waste Facility
69	SERVICE STATION	624 10TH AVE	2199 feet to the S	Closed Status Tank Failure
70	250 WEST 61TH STREET	250 WEST 61TH STREET	2205 feet to the NNE	Closed Status Tank Failure
386	POTAMKIN VOLKSWAGEN, INC.	30 WEST END AVE	2205 feet to the NNE	Closed Status Spill (Unk/Other Cause)
9	CE - W. 45TH ST. GAS WORKS	12TH AVE.BETWEEN WEST 44TH & WEST 46TH STS.	2206 feet to the SW	Brownfields Site
387	IN THE ROADWAY	W 45TH BET 9TH & 10TH	2223 feet to the S	Closed Status Spill (Unk/Other Cause)
388	415 W 45TH ST	415 W 45TH ST	2234 feet to the S	Closed Status Spill (Unk/Other Cause)
486	MIDTOWN AUTO CARE SERVICE	415 WEST 45TH STRET	2234 feet to the S	Closed Status Spill (Misc. Spill Cause)
487		449 WEST 44TH ST	2235 feet to the S	Closed Status Spill (Misc. Spill Cause)
103	APARTMENT COMPLEX	438 W.45TH ST	2238 feet to the S	Closed Status Tank Test Failure
389	46TH ST & 9TH AVE	46TH ST / 9TH AVE	2260 feet to the SSE	Closed Status Spill (Unk/Other Cause)
390	ONE GAL OIL MH 39908	9 AVENUE & W 46 STREET	2260 feet to the SSE	Closed Status Spill (Unk/Other Cause)
391	VAULT 9021	W 46TH ST/9TH AV	2260 feet to the SSE	Closed Status Spill (Unk/Other Cause)
488	VAULT # 9021	WEST 46TH ST & 9TH AVE	2260 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
392	CLEANERS	659 9TH AVE	2261 feet to the S	Closed Status Spill (Unk/Other Cause)
393	BUSINESS	301 WEST 53RD STREET	2265 feet to the ESE	Closed Status Spill (Unk/Other Cause)
394	VAULT #6078	302 W 54 ST	2265 feet to the ESE	Closed Status Spill (Unk/Other Cause)
489		459 W 44TH ST	2269 feet to the S	Closed Status Spill (Misc. Spill Cause)
490	BARBED RES.	459 WEST 44TH STREET	2269 feet to the S	Closed Status Spill (Misc. Spill Cause)
41	WEST END AVE & W 61ST ST	WEST END AVE & W 61ST ST	2273 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
395	212299; 61 ST AND WEST END AVE	61 ST AND WEST END AVE	2273 feet to the NNE	Closed Status Spill (Unk/Other Cause)
396	WEST END AV W 61ST ST	LEE MILES PARKING GARAGE	2273 feet to the NNE	Closed Status Spill (Unk/Other Cause)
397		W.61ST ST/WEST END AVE	2273 feet to the NNE	Closed Status Spill (Unk/Other Cause)
398	HOTEL	851 8TH AVE	2281 feet to the SE	Closed Status Spill (Unk/Other Cause)
491	COMMERCIAL BUILDING	851 8TH AVE	2281 feet to the SE	Closed Status Spill (Misc. Spill Cause)
399	MANHOLE #30458	59TH ST AND COLUMBUS AVE	2285 feet to the ENE	Closed Status Spill (Unk/Other Cause)
400	E. 59TH ST - COLUMBUS AVE	E. 59TH ST - COLUMBUS AVE	2285 feet to the ENE	Closed Status Spill (Unk/Other Cause)
401	MH 60171	10TH AVE/44TH ST	2298 feet to the SSW	Closed Status Spill (Unk/Other Cause)
402	322 W 57TH ST	322 W 57TH ST	2298 feet to the E	Closed Status Spill (Unk/Other Cause)
403	I/R/O 651 9TH AVE	651 9TH AVE	2308 feet to the S	Closed Status Spill (Unk/Other Cause)
404	EMPTY LOT	227 WEST 61ST ST	2332 feet to the NNE	Closed Status Spill (Unk/Other Cause)
405	SIDEWALK FILL PORT	211 W 61 STREET	2340 feet to the NE	Closed Status Spill (Unk/Other Cause)
33	NEY YORK PUBLIC LIBRARY	521 WEST 43 ST	2345 feet to the SSW	Active Haz Spill (Unknown/Other Cause)
406	MANHOLE # 62499	551 WEST 43RD ST	2357 feet to the SSW	Closed Status Spill (Unk/Other Cause)
407	AMTRAK TRACKS..	506-512 WEST 44TH ST	2359 feet to the SSW	Closed Status Spill (Unk/Other Cause)
408	FUTURE HOLIDAY INN OVER AMTRAK	505-513 WEST 43RD ST	2359 feet to the SSW	Closed Status Spill (Unk/Other Cause)
11	NYCDOS W. 59TH ST. MTS	WEST 59TH STREET & WESTSIDE	2398 feet to the NNW	Solid Waste Facility

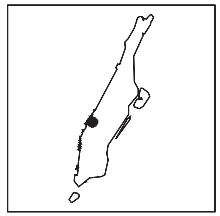
409	304 WEST 49TH STREET	304 WEST 49TH ST	2407 feet to the SE	Closed Status Spill (Unk/Other Cause)
410	MANHOLE 32482	8TH AVE / W 54TH ST	2423 feet to the ESE	Closed Status Spill (Unk/Other Cause)
492	CON ED/W 54TH ST & 8TH AV	CON ED/W 54TH ST & 8TH AV	2423 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
411	5 STORY BUILDING	406 WEST 45TH ST.	2425 feet to the S	Closed Status Spill (Unk/Other Cause)
412	945 8TH AVENUE	945 8TH AVENUE	2439 feet to the E	Closed Status Spill (Unk/Other Cause)
413	MH#56574	W 44TH ST & W SIDE HGHWY	2447 feet to the SW	Closed Status Spill (Unk/Other Cause)
414	PIER 84	WEST 43RD ST AND 12TH AVE	2447 feet to the WSW	Closed Status Spill (Unk/Other Cause)
34	UPS	643 WEST 43RD STREET	2457 feet to the SW	Active Haz Spill (Unknown/Other Cause)
71	643 W 43RD ST/UPS	643 W 43RD ST/UPS	2458 feet to the SW	Closed Status Tank Failure
72	643 W 43RD ST/UPS	643 W 43RD ST	2458 feet to the SW	Closed Status Tank Failure
415	UPS STORE TTF	643 WEST 43RD STREET	2458 feet to the SW	Closed Status Spill (Unk/Other Cause)
416		W 45TH ST & 9TH AVE	2464 feet to the S	Closed Status Spill (Unk/Other Cause)
417	MANHOLE 56671	WEST 45TH ST	2464 feet to the S	Closed Status Spill (Unk/Other Cause)
418	FORDHAM U. LINCOLN CTR	W.62ND ST & AMSTERDAM AVE	2476 feet to the NE	Closed Status Spill (Unk/Other Cause)
419	959 EIGHTH AVE	959 8TH AVE	2478 feet to the E	Closed Status Spill (Unk/Other Cause)
493	W 55TH ST & 8TH AVE/MANH	W 55TH ST & 8TH AVE	2479 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
420	NYC SUBWAY PLATFORM	WEST 50 ST AND 8TH AVE	2481 feet to the SE	Closed Status Spill (Unk/Other Cause)
421	VAULT 9021	341 W 46TH ST & 8TH AV	2489 feet to the SSE	Closed Status Spill (Unk/Other Cause)
494	RESIDENCE	351-357 W 45TH ST	2530 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
495	APARTMENT	355 WEST 45TH ST	2530 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
422	CAPITAL ASSOCIATES	840 8TH AVE	2556 feet to the SE	Closed Status Spill (Unk/Other Cause)
423	CON-ED ASBESTOS	8TH AVE.&W. 56TH ST.	2559 feet to the E	Closed Status Spill (Unk/Other Cause)
73	FDNY RESCUE 1	530 WEST 43RD ST	2561 feet to the SSW	Closed Status Tank Failure
424	GOTHAM CONSTRUCTION SITE	520 WEST 43RD ST	2561 feet to the SSW	Closed Status Spill (Unk/Other Cause)
425	RESCUE CO.1 FDNY -DDC	530 WEST 43RD STREET	2561 feet to the SSW	Closed Status Spill (Unk/Other Cause)
426	8TH AVE & W 49TH ST	8TH AVE & W 49TH ST	2563 feet to the SE	Closed Status Spill (Unk/Other Cause)
427	8TH AVE & W 49TH ST	8TH AVE & W 49TH ST	2563 feet to the SE	Closed Status Spill (Unk/Other Cause)
18	AMSTERDAM HOUSES -NYCHA	205 WEST 61ST STREET	2581 feet to the NNE	Active Tank Test Failure
496	AMSTERDAM HOUSES	60 AMSTERDAM AVE	2581 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
428	MANHOLE 58594	AMSTERDAM AVE/WEST 62ND S	2584 feet to the NE	Closed Status Spill (Unk/Other Cause)
104	TANK TEST FAILURE TTF	341 W 45TH ST	2615 feet to the SSE	Closed Status Tank Test Failure
429	APARTMENT BLDG	435 W 43RD DT	2618 feet to the S	Closed Status Spill (Unk/Other Cause)
430	IN ROADWAY	507 W 42ND ST	2622 feet to the SSW	Closed Status Spill (Unk/Other Cause)
105	APARTMENT COMPLEX	560 W 43RD ST	2627 feet to the SSW	Closed Status Tank Test Failure
74	940 8TH AVE	940 8TH AVE	2631 feet to the E	Closed Status Tank Failure

Toxics Targeting
1 Mile Radius Map

530-548 West 53rd Street

New York, NY 10019

N
W
E
S



New York County

National Priority List (NPL)

Inactive Hazardous Waste Disposal Registry Site

Inact. Haz Waste Disp. Registry Qualifying

RCRA Corrective Action Facility

Site Location

Waterbody

County Border

Railroad Tracks

1 Mile Radius

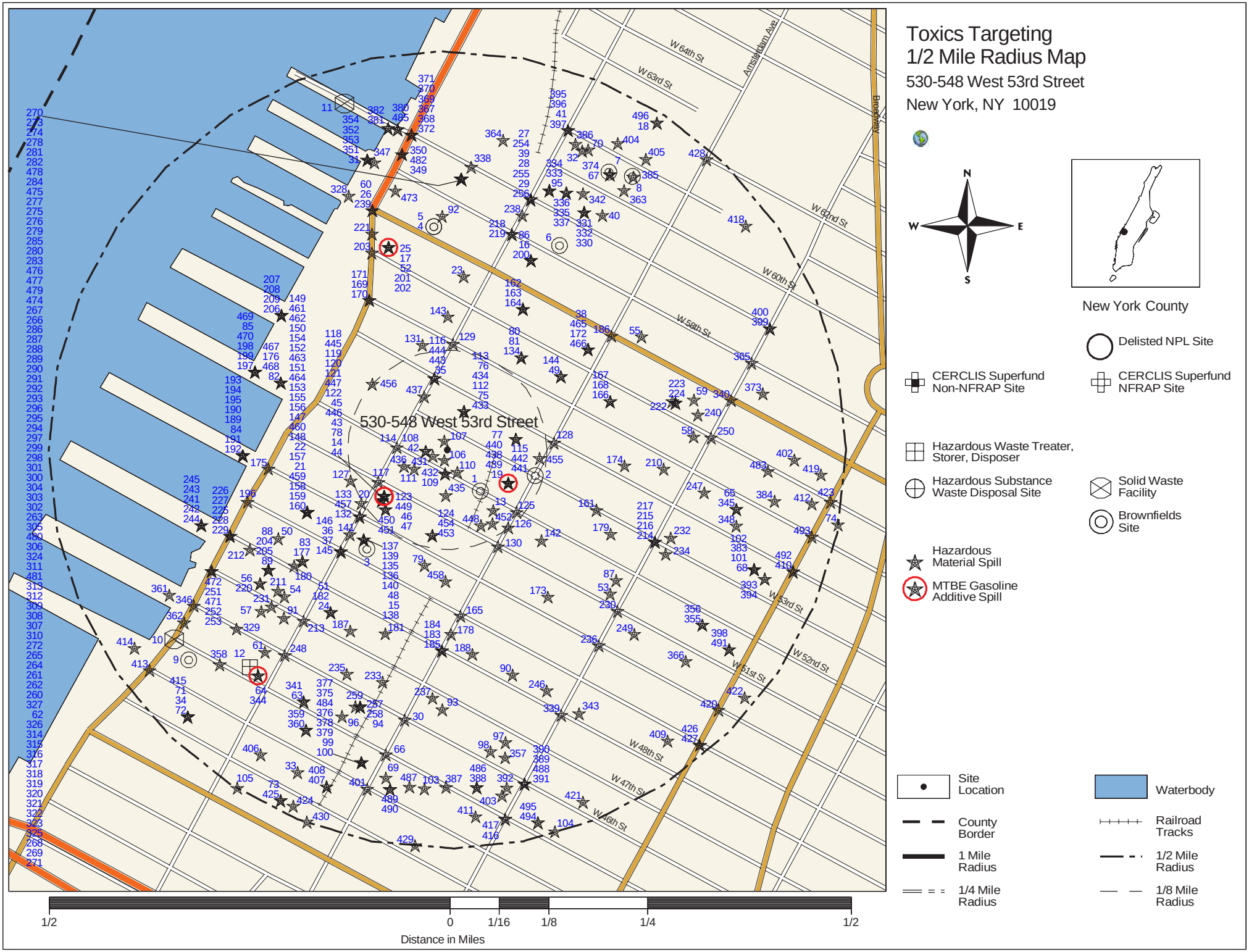
1/2 Mile Radius

1/4 Mile Radius

1/8 Mile Radius

1 0 1/8 1/4 1/2 1

Distance in Miles


Toxics Targeting
1/2 Mile Radius Map
530-548 West 53rd Street
New York, NY 10019
N
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New York County
530-548 West 53rd Street
W 64th St
W 63rd St
Amsterdam Ave
Broadway
W 62nd St
W 60th St
W 58th St
W 53rd St
W 52nd St
W 51st St
W 49th St
W 48th St
W 47th St
W 46th St
Delisted NPL Site
CERCLIS Superfund Non-NFRAP Site
CERCLIS Superfund NFRAP Site
Hazardous Waste Treater, Storer, Disposer
Hazardous Substance Waste Disposal Site
Solid Waste Facility
Brownfields Site
Hazardous Material Spill
MTBE Gasoline Additive Spill
Site Location
Waterbody
County Border
Railroad Tracks
1 Mile Radius
1/2 Mile Radius
1/4 Mile Radius
1/8 Mile Radius
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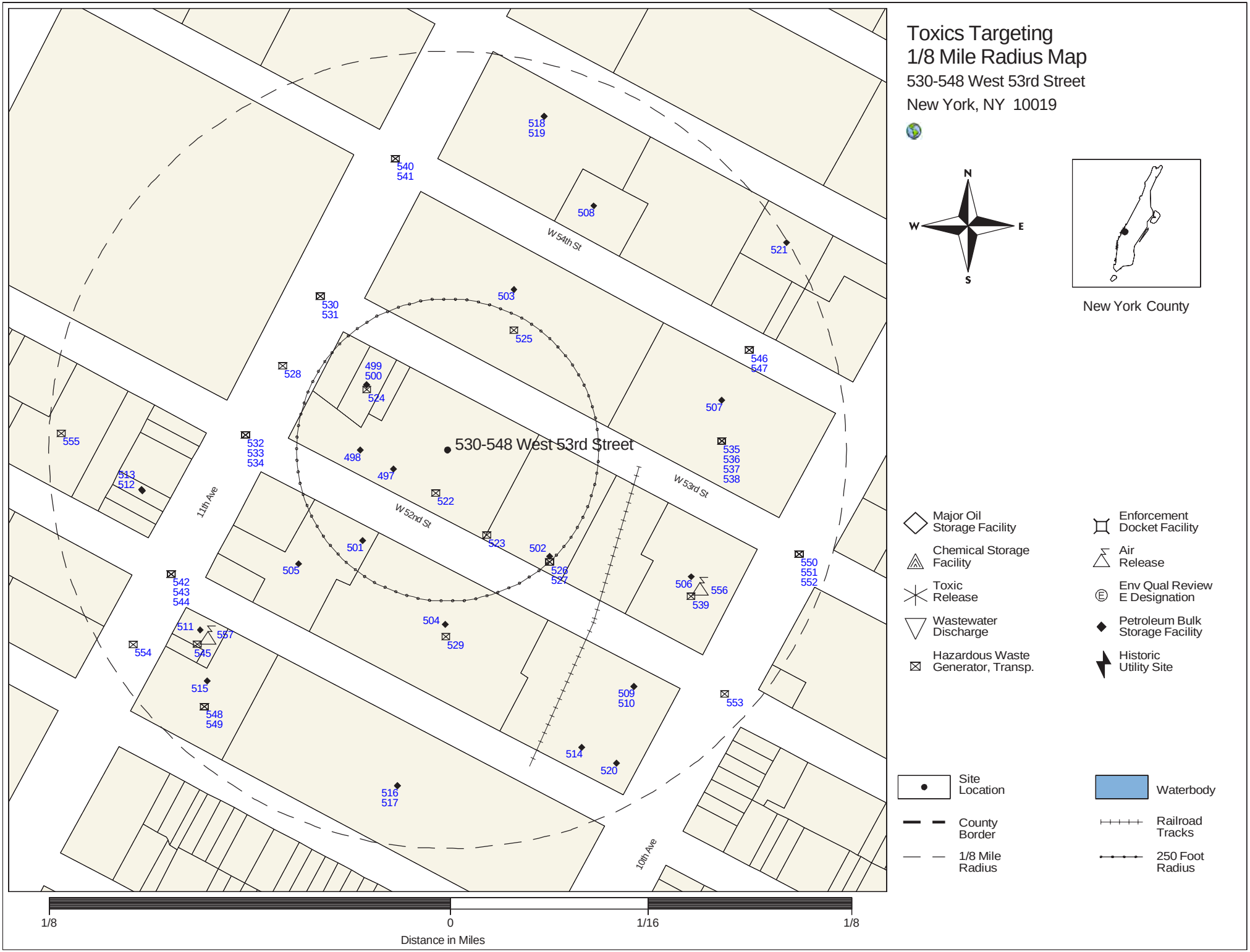
1/8
1/4
1/2
Distance in Miles


Toxics Targeting
1/8 Mile Radius Map
530-548 West 53rd Street
New York, NY 10019
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New York County
530-548 West 53rd Street
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W 52nd St
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10th Ave
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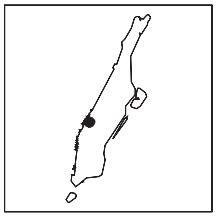
517
Major Oil Storage Facility
Chemical Storage Facility
Toxic Release
Wastewater Discharge
Hazardous Waste Generator, Transp.
Enforcement Docket Facility
Air Release
Env Qual Review E Designation
Petroleum Bulk Storage Facility
Historic Utility Site
Site Location
County Border
1/8 Mile Radius
Waterbody
Railroad Tracks
250 Foot Radius
1/8
0
1/16
1/8
Distance in Miles

Toxics Targeting
1/8 Mile Closeup Map

530-548 West 53rd Street

New York, NY 10019



New York County

- National Priority List (NPL) *
- Delisted NPL Site **
- CERCLIS Superfund Non-NFRAP Site **
- CERCLIS Superfund NFRAP Site **
- Inactive Hazardous Waste Disposal Registry Site *
- Inact. Haz Waste Disp. Registry Qualifying *
- Hazardous Waste Treater, Storer, Disposer **
- RCRA Corrective Action Facility *
- Hazardous Substance Waste Disposal Site **
- Solid Waste Facility **
- Major Oil Storage Facility ****
- Brownfields Site **
- Chemical Storage Facility ****
- Hazardous Material Spill **
- Toxic Release ****
- MTBE Gasoline Additive Spill **
- Wastewater Discharge ****
- Petroleum Bulk Storage Facility ****
- Hazardous Waste Generator, Transp. ****
- Historic Utility Site ****
- Enforcement Docket Facility ****
- Air Release ****
- Env Qual Review E Designation *****
- Remediation Site Borders

- Site Location
- Waterbody
- County Border
- Railroad Tracks
- 1/8 Mile Radius
- 250 Foot Radius

1/8 0 1/16 1/8

Distance in Miles

* 1 Mile Search Radius

** 1/2 Mile Search Radius

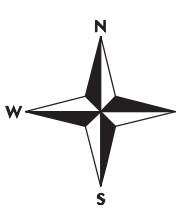
**** 1/8 Mile Search Radius

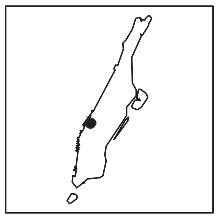
***** Onsite Search (250 Ft)

Toxics Targeting
Tax Parcel Map

530-548 West 53rd Street

New York, NY 10019





New York County

- National Priority List (NPL)
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- Brownfields Site
- Chemical Storage Facility
- Hazardous Material Spill
- Toxic Release
- MTBE Gasoline Additive Spill
- Wastewater Discharge
- Petroleum Bulk Storage Facility
- Hazardous Waste Generator, Transp.
- Historic Utility Site
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Remediation Site Borders
- Site Location
- Waterbody
- County Border
- Railroad Tracks

Tax Parcel Information Table

530-548 West 53rd Street
New York, NY 10019

Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
1-01081-0001	738 11 AVENUE	HOUSING PRESERVATION	R8A M1-5	D3	20	2003	3819375	75311

Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
1-01080-0010	535 WEST 51 STREET	NONE	R8	D3	2	1981	9225000	69289
1-01080-0103	728 11 AVENUE		M1-5	L9	5	1910	1359000	27614
1-01080-0105	564 WEST 52 STREET		M1-5	C7	6	1910	1183500	10042
1-01081-0039	10 AVENUE	HOUSING PRESERVATION	M1-5 C6-3	U8	0			
1-01081-0060	548 WEST 53 STREET		R8A	K9	1	1910	105073	2515
1-01081-0061	556 WEST 53 STREET		R8A	C4	2	1910	245251	5688
1-01081-0160	552 WEST 53 STREET		R8A	C4	1		231751	6088
1-01081-7501	523 WEST 52 STREET	APPLE INDUSTRIAL COND	M1-5	R5	1	1929	3289498	30015
1-01082-0001	758 11 AVENUE	N Y TELEPHONE CO	M1-5	G9	2	1930	3888000	99245
1-01082-0025	789 10 AVENUE	AT & T COMMUNICATIONS	M1-5	U4	1			66190
1-01100-0001	601 WEST 52 STREET	PARKS AND RECREATION	PARK	Q1	1	1940	12561750	253919

Section Two: Toxic Site Profiles

The heading of each *Toxic Site Profile* refers to the site's map location and details:

- The facility name, address, city, state, and zip code.
- Any changes that were made to a site's address in order to map its location.
- The site mapping method that was used (see ***How Sites are Located***, at the end of this section for more information).

Toxic Site Profiles summarize information provided by site owners or operators and government agencies regarding various toxic chemical activities reported at each site, such as:

- Whether chemicals were stored, produced, transported, discharged or disposed of.
- The name of chemicals and their Chemical Abstract Series (CAS) numbers.
- The amount of chemicals and the units (gallons/pounds) the chemical was measured in.
- Whether the site or storage tanks at the site are currently active or inactive.
- Special codes used by government agencies to regulate hazardous waste activities at some sites, or a complete description of the codes follows the profiles section.

For selected individual chemicals reported at various toxic sites, some potential health effect summary information appears below the site profile. Each potential health effect summary identifies chemicals by name and by Chemical Abstract Series (CAS) Number. An "x" under each potential health effect heading indicates positive toxicity testing results reported by the National Institute of Occupational Safety and Health's Registry of Toxic Effects of Chemical Substances (RTECS). Some chemicals (mostly appearing in profiles of Hazardous Waste facilities), are reported as mixtures, and RTECS health effect information is only available for individual chemicals. In addition, RTECS only provides information on approximately 100,000 common chemicals. Consequently, the absence of potential health effect summary information for a particular chemical identified in a Toxic Site Profile does not necessarily mean that the chemical does not pose potential health effects.

The Maximum Contaminant Level (MCL) in drinking water allowed for selected chemicals is also noted. In most cases, the only applicable MCL has been set by the New York State Department of Health (NYSDOH). Where NYSDOH has not set an MCL, the federal standard, if one exists, is listed and is marked by an asterisk.

Presented below are column headings that describe the health effect definitions used in RTECS and applicable New York State and federal drinking water standards. Reference sources for information presented in this section are also provided.

ACUTE TOX: **Acute Toxicity**: Short-term exposure to this chemical can cause lethal and non-lethal toxicity effects not included in the following four categories.

TUMOR TOX: **Tumorigenic Toxicity**: The chemical can cause an increase in the incidence of tumors.

MUTAG TOX: **Mutagenic Toxicity**: The chemical can cause genetic alterations that are passed from one generation to the next.

REPRO TOX: **Reproductive Toxicity**: May signify one of the following effects: maternal effects, paternal effects, effects on fertility, effects on the embryo or fetus, specific developmental abnormalities, tumorigenic effects, or effects on the newborn (only positive reproductive effects data for mammalian species are referenced).

IRRIT TOX: **Primary Irritant**: The chemical can cause eye or skin irritation.

MCL: **Drinking Water Standard - Maximum Contaminant Level** (MCL) listed under Drinking Water Supplies, 10 NYCRR Part 5, Subparts 1.51(f),(g), and (h) for NYDOH MCL's and under the Safe Drinking Water Act, 40 CFR 141, Subparts B and G, (* indicates value for total trihalomethanes) for federal MCL's.

Reference Source for Toxicity Information: Registry of Toxic Effects of Chemical Substances (RTECS), NIOSH (on-line database); For further information, contact: NIOSH, 4676 Columbia Parkway, Cincinnati, OH, 45226, 800/35-NIOSH.

Reference Source for Drinking Water Standards: New York State Department of Health, Bureau of Toxic Substances Assessment, 2 University Place, Room 240, Albany, NY 12203, 518/458-6373.

U.S. Environmental Protection Agency, Office of Drinking Water, 401 M St SW, Mailstop WH-556, Washington, DC, 20460, 202/260-5700.

Inactive Hazardous Waste Disposal Site Classifications:

1 -- Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or the environment -- immediate action required;
2 -- Significant threat to the public health or environment -- action required;
3 -- Does not Present a significant threat to the environment or public health -- action may be deferred;
4 -- Site properly closed --requires continued management;
5 -- Site properly closed, no evidence of present or potential adverse impact -- no further action required;
2a -- This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law;
A -- Work underway and not yet complete;
P -- Potential Site;
$D_{1, 2, 3}$ -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed);
C -- Remediation Complete (formerly D2).

NO NATIONAL PRIORITIES LIST (NPL) SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO INACTIVE HAZ WASTE DISPOSAL REGISTRY OR REGISTRY-QUALIFYING SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO CERCLIS SUPERFUND SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

BROWNFIELDS SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 1 **CLINTON GREEN DEVELOPMENT PROJECT** **Facility Id: C231011**
51ST - 53RD ST. & 10TH AVE. NEW YORK, NY 10109 TT-Id: 320A-0000-535

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 349 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Brownfield Program: Brownfield Cleanup Program

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BROWNFIELD CLEANUP PROGRAM

SITE CODE: C231011
CLASSIFICATION CODE: C REGION: 2 DEC ID: 57349
CLASSIFICATION CODE DESCRIPTION:
Remediation Complete (formerly D2). Sites may still require some degree of site management associated with either operation, maintenance, and monitoring or with institutional/engineering controls (IC/ECs).

NAME OF SITE: Clinton Green Development Project
STREET ADDRESS: 51st - 53rd St. & 10th Ave. TOWN: New York City
CITY: New York ZIP: 10109 COUNTY: New York

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 1.48 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
9308101	Spill No.
w2-1003-04-06	Agreement/Consent Order Number

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: NYC DHPD (OFF-SITE RESPONSIBILITY)) Owner Type: Local Government

MS. HALEY STEIN
ADDRESS: 100 CHURCH STREET
ROOM 6-140
NEW YORK, NY 10007

NAME: DERMOT CLINTON GREEN, LLC Owner Type: Innocent NonOwner-Petroleum
STEPHEN BENJAMIN
ADDRESS: 320 WEST 57TH ST. 5TH FLOOR
NEW YORK, NY 10019

SITE DESCRIPTION:
The site consists of several parcels located on West 53rd Street between 10th Avenue and the Amtrak easement, on West 52nd Street adjacent to the east side of the Amtrak easement, and along the Amtrak easement between West 51st and 53rd Streets in the City of New York, Borough of Manhattan. Railroad tracks pass through the site. A former ExxonMobil gas station was present on this portion of the Site from approximately 1950 - 1992. By February 2006, all original buildings on-site were torn down and all on-site contaminated soil was excavated and removed off-site. The property is currently owned by Dermot Clinton Green LLC.

The Site now consists of two residential towers, a mixed-use low-rise building, public park, and subsurface parking garage (all currently under construction).

A Certificate of Completion was issued on
October 20, 2006.

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Past environmental investigations revealed that this BCP site had on-site and off-site petroleum impacted soil and groundwater as a result of petroleum spills from the former Exxon/Mobil Service Station at the corner of 53rd Street and 10th Avenue. Dissolved phase groundwater contamination (BTEX, lead and MTBE) has impacted the shallow groundwater table exceeding standards. An adjacent off-site building has experienced liquid petroleum in the basement. On-site and off-site remedial work occurred in early 2000. Although all on-site contamination has been removed through the BCP program in 2006, an off-site groundwater plume still exists and additional cleanup work is required to remediate the off-site contamination. The City of New York has accepted the responsibility for the off-site contamination and a final Site Investigation Work Plan was approved by NYSDEC on February 9, 2009. Field work will begin in the spring of 2009.

ASSESSMENT OF HEALTH PROBLEMS:
All on-site contamination has been remediated through remedial actions completed in 2005-2006. Remedial actions included demolition of all site buildings, removal of all soil to the top of bedrock, and associated dewatering of the site. No contamination is known to exist beneath the top of bedrock. Therefore, all on-site exposures have been mitigated.

A shallow off-site petroleum-contaminated groundwater plume was documented in 1993 (NYSDEC Spill No. 93-08101). Migration of the plume has been limited due to the geology of the area. NYSDEC is currently pursuing the responsible party (Clinton Green OU#2) to investigate and remediate any off-site contamination.

PROJECT COMPLETIONS:
Operable Unit 01 - REMEDIAL PROGRAM

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		06/06/2005	Actual
Remedial Design		06/08/2005	Actual
Remedial Action		09/20/2006	Actual
Certificate of Completion	Clinton Green Development BCP, OU #1, COC	10/20/2006	Actual

Map Identification Number 2 **OFF-SITE CLINTON GREEN DEVELOPMENT PROJECT** **Facility Id: C231011A**
51ST - 53RD ST. & 10TH AVE. NEW YORK, NY 10109 TT-Id: 320A-0002-658

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 606 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 51ST - 53RD ST. / 10TH AVE.
Revised zip code: 10019

Brownfield Program: Brownfield Cleanup Program

BROWNFIELD CLEANUP PROGRAM

SITE CODE: C231011A
CLASSIFICATION CODE: A REGION: 2 DEC ID: 416811
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

NAME OF SITE: OFF-SITE Clinton Green Development Project
STREET ADDRESS: 51st - 53rd St. & 10th Ave. TOWN: New York City
CITY: New York ZIP: 10109 COUNTY: New York

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE:

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
9308101	Spill No.

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):

NAME: City of New York
Haley H. Stein
ADDRESS: New York City Law Department
100 Church Street, Room 6-140
New York, NY 10007

Owner Type: PRP - Petroleum

SITE DESCRIPTION:

Location: The Off-site Clinton Green Development Project Site, defined by a shallow off-site petroleum-contaminated groundwater plume, involves the intersection of West 53rd Street and 10th Avenue in Manhattan, New York City.

Site Features: This location is an urban area of commercial/light industrial and residential use including multi-story buildings, sidewalks and open city streets. A paved elementary school playground is located on the southeast corner of this intersection and the Hudson River is approximately two blocks west of the Site.

Zoning/Historical Use: The Site is in an Environmental Zone which is part of the Clinton Green Urban Renewal Area. This is an off-site remedial project associated with the now-completed Clinton Green Development Brownfield Cleanup Project.

Site Geology and Hydrogeology: The depth to groundwater ranges between 12 to 20 feet below the surface. The soil, below the urban fill, is fine to coarse-grained sand. Bedrock is encountered between 11 feet and 15 feet below the surface.

CONFIRMED HAZARDOUS WASTE DISPOSED:

None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination: The on-site source area (Clinton Green Development BCP Site) was cleaned up by Dermot Clinton Green in 2006, and this project includes the remediation of the off-site petroleum-contaminated plume.

Contaminants: Based upon investigations conducted to date, the primary contaminants are petroleum-related volatile organic compounds (VOCs) in a shallow off-site groundwater plume.

Concentrations: Concentrations of benzene in the groundwater ranged from non-detect to 330 parts per billion (ppb), exceeding the groundwater standard of 1 ppb. Ten other VOCs also exceeded the groundwater standard. Naphthalene (290 ppb) was the only semi-volatile organic compound detected and it exceeded the groundwater standard of 5 ppb. This very localized plume has migrated off-site approximately 100 feet down-gradient.

Significant Threat: The BCP site presented a significant environmental threat due to the off-site release of contaminants from source areas.

ASSESSMENT OF HEALTH PROBLEMS:

Direct contact with contaminated groundwater is not expected since contamination is located at depth and below pavement. Ingestion of contaminated groundwater is not expected since the area is served with public water. An evaluation of the potential for vapor intrusion to occur is part of the approved Remedial Action Workplan currently underway.

PROJECT COMPLETIONS:

Operable Unit 01 - Clinton Green BCP Off-Site Contamination

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation	Off-Site Shallow Groundwater Investigation	07/17/2009	Actual
Remedial Design	Off-Site Shallow Groundwater Investigation	09/24/2009	Actual

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Map Identification Number 3 **ASTOR SUBSTATION PROJECT SITE** **Facility Id: C231047**
700 11TH AVE, 549-551 & 553-557 W 49TH ST NEW YORK, NY 10019 TT-Id: 320A-0001-603

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 845 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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BROWNFIELD CLEANUP PROGRAM

SITE CODE: C231047
CLASSIFICATION CODE: C REGION: 2 DEC ID: 337122
CLASSIFICATION CODE DESCRIPTION:
Remediation Complete (formerly D2). Sites may still require some degree of site management associated with either operation, maintenance, and monitoring or with institutional/engineering controls (IC/ECs).

NAME OF SITE: Astor Substation Project Site
STREET ADDRESS: 700 11th Ave, 549-551 & 553-557 W 49th St TOWN: New York City
CITY: New York ZIP: 10019 COUNTY: New York

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 0.6 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
0103148	Spill No.

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: CONSOLIDATED EDISON COMPANY OF NY Owner Type: Innocent Owner NonRegistry-HazSubs
BARRY COHEN
ADDRESS: 4 IRVING PLACE

NEW YORK, NY 10003

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):
NAME: CONSOLIDATED EDISON CO. OF NY, INC. Owner Type: Innocent Owner NonRegistry-HazSubs
BARRY COHEN
ADDRESS: CON EDISON, BUILDING 138
31-01 20TH AVENUE
ASTORIA, NY 11105

SITE DESCRIPTION:
The Astor substation site was formerly called the Riverside Substation site. Con Edison, the project applicant, changed the project name to Astor Substation site in response to discussion with various community members in October 2005.
The Astor substation site (~ 0.6 acres in size) is located along the eastern side of 11th Avenue between west 49th and West 50th Street in the Clinton section of the borough of Manhattan, city of New York, at latitude 40 degree 45’ 57.2" and longitude 73 degree 59’ 40.9", and designated as tax parcels Block 1078, Lots 1 and 5 on the Tax Map of the City of New York, New York County. The street address for the parcel is 700 11th Avenue (which also known as 549-551 and 553-557 West 49th Street), New York, NY 10019. During 1930 to 1940, the site had been used for gasoline filling station and automobile service garage. Prior to its acquisition by Con Edison on April 12, 2005, the site was owned and operated by Martin Motors Sales, Inc. (MMS) as a retail automobile sales and service facility. The area around the site is fully developed as commercial, residential and institutional uses to the east, north and south; with another Con Edison electrical substation located west of the site across 11th Avenue. The building on the site had been demolished in connection with Con Edison’s redevelopment of the Site into an electrical substation that is needed to meet the increasing demand for power in midtown Manhattan. The site is currently being redevelop and the electrical substation construction is anticipated to be completed sometime in 2008.

Investigations completed at the site include a Limited Phase II Environmental Site Assessment (January, 2005) and Remedial Investigation Report (November 2005).

The volunteer has submitted and the Department has approved a Remedial Action Work Plan(RAWP) which involves excavation of soil at the entire site and the northern portion of 11th avenue sidewalk area along the western site property line down to top of bedrock surface. Contaminated media will be removal and properly disposed off-site.

Implementation of the approved RAWP started on 4/25/06. Remedial construction was completed on February 2007. Remedial Action Report(RAR) date March 2007 and RAR addendums dated April 2007 and November 2007 respectively, collectively equivalent to a Final Engineering Report. FER was approved on 12/21/2007 and a Certificate of Completion was issued on 12/21/2007.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TOLUENE	UNKNOWN
XYLENE (MIXED)	UNKNOWN

ETHYLBENZENE	UNKNOWN
BENZENE	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Site investigations conducted prior and after implementation of the BCP agreement revealed that the presence of underground storage Tanks (USTs) that were associated with the former gas station or automobile repair facility; petroleum contamination in the northwest corner of the site (both on-site and off-site) in soil and groundwater, including petroleum product on the groundwater surface(up to 5 feet of separate-phase product has been detected in an off-site well in the vicinity of the former gasoline filling station located in the north west portion of the site); soil and groundwater near the location of a former oil/water separator in the garage area which is located south east of the site had been impacted by the former site uses (automobile service garage); Soil Gas sampling indicates the presence of VOCs, including both gasoline related compounds and chlorinated solvents (PCE, and TCE) that are consistent with findings in soil, groundwater, and pass site use, The remedial investigation report also identify a NYSDEC spill site (spill # 8904939 petroleum origin) is located at the southeast corner of west 51st street and 11th avenue about one block north of Astor substation site, these off-site properties may be contributing to the soil vapor detections; Low level of PAHs and Metals were detected from on site soil; Sediment samples from the floor drain in the service garage indicated the presence of PCE, TCE and gasoline related compounds with concentration above the TAGM4046 recommended soil clean up objective.

The applicant had implemented the approved Interim Remedial Measures (IRM) to recover petroleum product identify in the on and off site wells since September of 2005. The thickness of the petroleum product in groundwater monitoring wells show significant drop as the result of the IRM activities.

The quality exposure assessment indicated the lack of exposure pathways at the site because of the current ground surface is covered with impervious surface. DEC has determined, in consultation with NYSDOH, that the conditions at this site do not pose a significant threat to human health or the environment.

The RAWP dated December 2005 was approved March 31, 2006 has been implemented. The FER has been approved and the COC issued in December 2007.

ASSESSMENT OF HEALTH PROBLEMS:

Public water is provided to the area, thereby preventing exposures to groundwater. The site is currently covered with buildings and pavement, preventing direct contact exposures.

PROJECT COMPLETIONS:

Operable Unit 00 - Site Management

PROJECT	DESCRIPTION	END DATE	STATUS
Certificate of Completion		12/21/2007	Actual

Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		03/31/2006	Actual
Remedial Design		03/31/2006	Actual
Remedial Action		12/21/2007	Actual

Operable Unit 01a - IRM - Free product under sidewalk

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Action		03/29/2007	Actual

Map Identification Number 4 **MID BLOCK #57 PROJECT** **Facility Id: C231062**
615-649 WEST 57TH STREET NEW YORK, NY 10019 TT-Id: 320A-0001-609

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 1481 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

BROWNFIELD CLEANUP PROGRAM

SITE CODE: C231062
CLASSIFICATION CODE: A REGION: 2 DEC ID: 390497
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

NAME OF SITE: Mid Block #57 Project
STREET ADDRESS: 615-649 West 57th Street TOWN: New York City
CITY: New York ZIP: 10019 COUNTY: New York

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 1.36 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
010397	Spill No.
0508045	Spill No.
231071	HW Site ID
9403727	Spill No.
9607862	Spill No.
9709660	Spill No.
9810172	Spill No.
9812850	Spill No.

A2-0611-1008 Agreement/Consent Order Number
C231062A BCP Site ID

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: THE FOUR PLUS CORPORATION Owner Type: Corporate or Commercial
ADDRESS: 8650 MINNIE DRIVE ROAD
SUITE 116
MONTGOMERY, AL 36117

NAME: JP MORGAN CHASE BANK, AS TRUSTEE Owner Type: Innocent Owner NonRegistry-HazSubs
VICTOR TUOHY
ADDRESS: 345 PARK AVENUE
NEW YORK, NY 10154-1002

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: BIG APPLE CIRCUS
ADDRESS: 505 EIGHTH AVENUE
19TH FLOOR
NEW YORK, NY 10018

APPLICANT REQUESTOR(S):

NAME: 57 SANDWICH LLC Owner Type:
C/O THE DURST ORGANIZATION INC.
ADDRESS: ONE BRYANT PARK
NEW YORK, NY 10036

NAME: DEVCO NATIONS LLC Owner Type:
ALEXANDER DURST
ADDRESS: C/O THE DURST ORGANIZATION INC.
ONE BRYANT PARK
NEW YORK, NY 10036

NAME: 57 MINI LLC Owner Type:
ALEXANDER DURST
ADDRESS: C/O THE DURST ORGANIZATION INC.
ONE BRYANT PARK
NEW YORK, NY 10036

NAME: MID BLOCK #57 LLC Owner Type: Innocent NonOwner-Petroleum
ALEXANDER DURST
ADDRESS: C/O THE DURST ORGANIZATION INC.
ONE BRYANT PARK

NEW YORK, NY 10036

NAME: 57 SANDWICH L.L.C. Owner Type: Corporate or Commercial
ALEXANDER DURST
ADDRESS: SAME AS THE OTHER APPLICANTS
NY

NAME: Durst Development L.L.C. Owner Type:
Alexander Durst
ADDRESS: 1155 Avenue of the Americas
NY 10036-2711

NAME: DFR 57 LLC Owner Type: Innocent NonOwner - NonReg HazSubs
Alexander Durst
ADDRESS: c/o The Durst Organization Inc.
One Bryant Park
New York, NY 10036

NAME: 57th Avenues Developer LLC Owner Type:
Alexander Durst
ADDRESS: c/o The Durst Organization Inc.
One Bryant Park
New York, NY 10036

SITE DESCRIPTION:

Location:
The Mid Block #57 Project site is located in Manhattan at 615-649 West 57th Street, between 11th and 12th Avenues. The site consists of Tax Block 1105, Lots 14, 19, 43, and part of Lot 5, in the Borough of Manhattan. The surrounding neighborhood is mixed residential and commercial.

Site features:
This site is approximately 1.36 acres in size. Former on-site buildings have been demolished and the site is currently vacant.

Current zoning/uses:
Remedial action began in March 2010 and as such is currently vacant. Remedial action is currently on hold until autumn of 2011 due to some changes in building design and associated permit requirements. East of the Site and bordering 11th Avenue is The Helena, an active rental residential tower with market and affordable housing, and Manhattan Mini Storage. The Helena is located at 601 West 57th Street (southeast corner of block) and Manhattan Mini Storage is located at 847-853 Eleventh Avenue (northeast corner of block). West of the Site at 830 12th Avenue is a vacant lot, which formerly contained an Airborne Express parcel warehouse and Artkraft Strauss Building (formerly manufactured signs and billboards). Potential contamination on this property to the west is being investigated as an off-site project (see C231062A).

Historical use:
The Site formerly contained an Airborne Express parcel warehouse and vehicular maintenance building (631-649 West 57th Street), a Potamkin Toyota auto service repair facility (623-629 West 57th Street), the Copacabana Night Club (615-621 West 57th Street),

and Dynasty Auto Body Facility (616-618 West 58th Street). The site was originally proposed to be redeveloped as a school, but now is planned for residential use with ground level retail and a sub-grade parking level.

Site geology and hydrogeology:
The topography of the site slopes gently to the west toward the Hudson River, which is situated approximately 250 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock.

A Brownfield Cleanup Agreement (BCA) was executed in December 2008, and on February 17, 2009 an amendment to the BCA was signed by new volunteers. The Remedial Action Work Plan (RAWP) was approved in March 2010. The Volunteer intends to complete a Track 1 cleanup for Unrestricted Use.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
BENZENE	UNKNOWN
XYLENE (MIXED)	UNKNOWN
Chrysene	UNKNOWN
NAPHTHALENE	UNKNOWN
MERCURY	UNKNOWN
ETHYLBENZENE	UNKNOWN
CHROMIUM	UNKNOWN
LEAD	UNKNOWN
ZINC	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN
1,2,4-TRIMETHYLBENZENE	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Nature and extent of contamination:
The Remedial Investigation (RI) found contamination in soil, groundwater, and soil vapor. Contaminants of concern at the Site are petroleum-related compounds. Contamination in each of these media is discussed below.

Soil:
Twenty three (23) soil samples were analyzed. Analytical results revealed volatile organic compounds (VOCs) in soil exceeding Part 375 Unrestricted Soil Cleanup Objectives (UUSCOs). This includes ethylbenzene, detected at 275 parts per million (ppm) in comparison to the UUSCO of 1 ppm; 1,2,4-trimethylbenzene at 317 ppm compared to the UUSCO of 3.6 ppm; and total xylenes at 1,380 ppm compared to the UUSCO of 0.26 ppm. Semi-volatile organic compounds (SVOCs) were also identified in soil in multiple samples at concentrations above the UUSCOs. This includes chrysene which was detected at 5.5 ppm compared to the UUSCO of 1 ppm and naphthalene at 38 ppm compared to the UUSCO of 12 ppm. Metals identified in soil samples at concentration above the UUSCOs include mercury at 46 ppm compared to the UUSCO of 0.18 ppm; chromium at 65.8 ppm compared to the UUSCO of 30 ppm; lead at 4,420 ppm compared to the UUSCO of 63 ppm; and zinc at 1,250 ppm compared to the UUSCO of 109 ppm.

Groundwater:
Eleven (11) groundwater samples were analyzed. The analytical data revealed VOCs at concentrations exceeding NYS Technical and Operational Guidance Series (TOGS) Ambient Water Quality Standards. Benzene was detected at 1,500 parts per billion (ppb) compared to the TOGS standard of 1 ppb; 1,2,4-trimethylebenzene at 2,400 ppb (TOGS standard is 5 ppb); and total xylenes at 4,900

ppb (TOGS standard is 5 ppb). A few SVOCs were detected at concentrations exceeding TOGS standards include naphthalene as high as 190 ppb (TOGS standard is 10 ppb); benzo(a)pyrene as high as 8.3 ppb (TOGS standard is non-detect); and chrysene as high as 10 ppb (TOGS standard is 0.002 ppb). Metals detected in groundwater at concentrations exceeding TOGS standards include: lead as high as 900 ppb in unfiltered samples compared to the TOGS standard of 25 ppb; mercury as high as 11.9 ppb (unfiltered) (TOGS standard is 0.7 ppb); chromium as high as 139 ppb (unfiltered) (TOGS standard is 50 ppb); and arsenic as high as 38 ppb (unfiltered) (TOGS standard is 25 ppb). None of these metals were detected in filtered groundwater samples. Manganese and sodium were the only metals detected in both unfiltered and filtered samples at concentrations above TOGS standards.

Soil vapor:
Twelve (12) soil vapor samples were analyzed. Analytical data revealed the presence of VOCs in these soil vapor samples, including benzene at a maximum concentration of 831 micrograms per cubic meter (ug/m3), 1,2,4-trimethylbenzene at 37,600 ug/m3, tetrachloroethane (PCE) at 240 ug/m3, and total xylenes at 21,400 ug/m3.

Special resources impacted/threatened:
There were no significant ecological resources identified at the site during the investigation.

Significant threat:
Based on the results of the Remedial Investigation, NYSDEC and NYSDOH have determined that the Site represents a significant threat to human health and the environment. This decision is based on the nature of the existing contaminants identified at the Site; the potential for off-site migration of contaminants in the groundwater; and the potential for human exposure to site-related contaminants via soil vapors.

ASSESSMENT OF HEALTH PROBLEMS:
The site is vacant, therefore, contact with contaminated soil is unlikely. Drinking water with site-related contaminants is not expected as the area is served by public water. Since on-site soil vapor contains elevated levels of volatile organic compounds, inhalation of site-related contaminants via soil vapor intrusion in future on-site buildings may be possible. Vapor intrusion into off-site structures is a potential exposure pathway that needs to be investigated.

PROJECT COMPLETIONS:
Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation	Mid Block School #57	03/06/2010	Actual
Remedial Design		03/06/2010	Actual

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Map Identification Number 5 **OFF-SITE MID-BLOCK #57 PROJECT** **Facility Id: C231062A**
615-649 WEST 57TH STREET NEW YORK, NY 10019 TT-Id: 320A-0002-499

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE - LARGE SITE
Approximate distance from property: 1481 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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BROWNFIELD CLEANUP PROGRAM

SITE CODE: C231062A
CLASSIFICATION CODE: A REGION: 2 DEC ID: 419512
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

NAME OF SITE: OFF-SITE Mid-Block #57 Project
STREET ADDRESS: 615-649 West 57th Street TOWN: New York City
CITY: New York ZIP: 10019 COUNTY: New York

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE:

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
231071	HW Site ID
9403727	Spill No.
9810172	Spill No.
A2-0611-1008	Agreement/Consent Order Number
C231062	BCP Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: THE FOUR PLUS CORPORATION Owner Type: Corporate or Commercial
ADDRESS: 8650 MINNIE DRIEV ROAD, SUITE 116
MONTGOMERY, NY 36117

NAME: JP MORGAN CHASE BANK AS TRUSTY Owner Type: Corporate or Commercial
VICTOR TUOHY
ADDRESS: 345 PARK AVENUE
NEW YORK, NY 10154-1002

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):
NAME: Durst Development LLC Owner Type: Corporate or Commercial
Alexander Durst
ADDRESS: One Briant Park
New York, NY 10036

SITE DESCRIPTION:
This project was initiated to address off-site impacts from the Mid-Block #57 Brownfield Cleanup Program (BCP) project C231062. There is also a stipulation agreement for the Site, under Spill 9810172.

Location:
This Site is located at 615-649 West 57th Street and 830 12th Avenue in the Borough of Manhattan, Block 1105, Lot 1 and part of Lot 5. It is immediately west of BCP Site C231062. To the west is 12th Avenue and the Hudson River; north is 58th Street and the 59th Street Con Edison steam generating facility; and to the south is 57th Street and several businesses, including parking facilities, auto dealership service stations, and offices of NYC Sanitation Department. The surrounding neighborhood is mixed residential and commercial.

Site features:
The Site is a rectangular lot of 1.17 acres. Former on-site buildings have been demolished and the Site is currently vacant.

Current zoning/uses:
The site is currently vacant, following demolition of the on-site buildings. Construction on this site is planned to be performed in conjunction with work on the BCP site to the east. Proposed development is for residential and commercial use.

Historical use:
Prior to 1951, the western portion of the site formerly contained the Brockway Motor Truck Company and Stutz (or State) Service Station. By 1951 a private garage and repair shop occupied the 2-story building. By 1976 the building was used by the Artkraft Strauss Sign Company for the manufacturing of signs and billboards for Times Square. The first floor of the building was used at this time for parts storage, metalworking and woodworking equipment, painting, and storage of vehicles. After Artkraft Strauss left the building was subsequently served as studio space for artists. This building was demolished in early 2011.

The eastern portion of the site formerly contained the Colt Stewart Co. Chrysler Service Station followed by United Parcel Service, Inc. who occupied the building by 1940. Underground Storage Tank (UST) leaks were reported to the Fire Department during that time. The building was subsequently used by New York Telephone, who installed 2 USTs, and later by Airborne Express as a parcel warehouse. The building was demolished in 2001 and subsequently used as a parking lot.

Site geology and hydrogeology:
The Site topography slopes west toward the Hudson River with an elevation ranging from 13 feet above Manhattan Bureau Datum on the eastern portion of the Site to 7 feet above Manhattan Bureau Datum on 12th Avenue. In general, regional topography slopes gently to the west. The nearest surface water body is the Hudson River located approximately 250 feet west of the Site. The Site geology is characterized by fill material of varying thickness overlying sand and till, decomposed rock, weathered rock, and bedrock.

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Nature and extent of contamination:

Soil:

Petroleum-related contaminants at levels exceeding unrestricted use soil cleanup objectives (UUSCOs) exist in discrete locations on the site. These areas were largely addressed via Interim Remedial Measures (including UST removal and excavation of surrounding impacted soil). Following the IRM work, end-point samples in the northern excavation show remaining contamination that requires further remedial action, including benzene at 0.21 ppm (UUSCO is 0.06 ppm); ethylbenzene at 8.5 ppm (UUSCO is 1 ppm); total xylenes at 8.1 ppm (UUSCO is 0.26 ppm); 1,2,4-trimethylbenzene at 33 ppm (UUSCO is 3.6 ppm); and 1,3,5-trimethylbenzene at 16 ppm (UUSCO is 8.4 ppm). In addition to this area, two other discrete areas on the site will be excavated to remove soil with elevated concentrations of benzene under the approved Remedial Action Work Plan (RAWP). Semi-volatile organic compounds (SVOCs) have also been found site-wide, at concentrations that indicate this is part of site background conditions. One area of elevated SVOCs (LB-17) requires remediation under the RAWP. SVOCs detected here include: benzo(a)anthracene at 12 ppm; benzo(a)pyrene at 10; benzo(b)fluoranthene at 12 ppm; and chrysene at 10 ppm (UUSCO for these contaminants is 1 ppm).

Tetrachloroethylene (PCE) previously detected in one boring at 1.76 ppm was removed during the IRM work; chlorinated VOCs were not detected in any other borings.

Groundwater:
In on-site groundwater, VOCs detected in previous investigations have been largely reduced. In 2007 tetrachlorethene was detected in one groundwater sample and vinyl chloride in a separate groundwater sample; these have not been detected in any groundwater samples since. The only contaminants detected in on-site groundwater at concentrations exceeding the NYS Technical and Operational Guidance Series (TOGS) Ambient Water Quality Standards, during the recent Remedial Investigation, include: 1,2,4-trimethylbenzene at 8.1 ppb and isopropylbenzene at 42 ppb. Off-site monitioring wells have detected (in historical sampling) benzene at 20.3 ppb (compared to the TOGS standard of 1 ppb); Ethylbenzene at 61 ppb (compared to the TOGS standard of 5 ppb); and total xylenes at 39.5 ppb (compared to the TOGS standard of 5 ppb). Groundwater contamination appears to be coming from the adjacent BCP site C231062 (Mid-Block 57 Site).

Soil vapor:
Historical soil vapor sampling (2007) and RI soil vapor sampling initially identified high concentrations of chlorinated VOCs in soil vapor in a few discrete locations including tetrachloroethylene (PCE) as high as 46,500 ug/m3 and trichloroethene (TCE) as high as 1400 ug/m3. Following the IRM work, these concentrations were greatly reduced but are still present (post-IRM soil vapor samples identified PCE at a maximum of 125 micrograms per cubic meter (ug/m3) and TCE at a maximum of 67.2). Petroleum-related contaminants are also present in soil vapor, including benzene at 130 ug/m3 and ethylbenzene as high as 82 ug/m3. The approved RAWP includes installation of a sub-slab depressurization system.

ASSESSMENT OF HEALTH PROBLEMS:
None provided

PROJECT COMPLETIONS:
Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		12/20/2011	Actual

Operable Unit 01A - Interim Remedial Measures

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Action	UST removal and excavation	06/08/2011	Actual

Map Identification Number 6 **CE - W. 58TH ST. STATION** **Facility Id: V00546**
11TH AVE. BETWEEN W.58TH - W. 59TH STS. NEW YORK, NY 10019 TT-Id: 280A-0001-635

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 1544 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Brownfield Program: Voluntary Cleanup Program

Volunteer: CONSOLIDATED EDISON C

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VOLUNTARY CLEANUP PROGRAM

SITE CODE: V00546
CLASSIFICATION CODE: C REGION: 2 DEC ID: 57091
CLASSIFICATION CODE DESCRIPTION:
Remediation Complete (formerly D2). Sites may still require some degree of site management associated with either operation, maintenance, and monitoring or with institutional/engineering controls (IC/ECs).

NAME OF SITE: CE - W. 58th St. Station
STREET ADDRESS: 11th Ave. between W.58th - W. 59th Sts. TOWN: New York City
CITY: New York ZIP: 10019 COUNTY: New York

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 2.18 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: RIVER CENTRE LLC Owner Type: Missing Code in Old Data
ADDRESS: 521 W. 58TH ST.
NY, NY 10019

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:
NAME: RIVER CENTRE LLC Operator Type: PRP - Class 2 HazSubs
ADDRESS: 521 W. 58TH ST.
NY, NY 10019

APPLICANT REQUESTOR(S):
NAME: CONSOLIDATED EDISON CO OF NY.,INC. Owner Type: Missing Code in Old Data
ADDRESS: 4 IRVING PLACE
NY, NY 10003

SITE DESCRIPTION:
This site is located between 58th and 59th streets, east of 11th Avenue. It is currently occupied by a warehouse and parking garage. The site is contemplated for development by John Jay College. A site characterization was conducted in 2004 No significant MGP contamination was encountered and a no further action letter was issued in July 2005. A release and covenant not to sue was issued by DEE. No ECs/ICs required.

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
The 2004 site characterization did not reveal any significant MGP impacts.

ASSESSMENT OF HEALTH PROBLEMS:
Public water is provided to the area, thereby preventing exposures to groundwater. Public exposures are not expected since the investigation of the site found little evidence of waste material.

PROJECT COMPLETIONS:
Operable Unit 01 - Holder Station

PROJECT	DESCRIPTION	END DATE	STATUS
Site Characterization		07/26/2005	No Further Action

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Map Identification Number 7 **WEST 61ST STREET SITE** **Facility Id: C231043**
229-251 WEST 60TH, ST., & 218-240 WEST 61TH ST. NEW YORK, NY 10023 TT-Id: 320A-0001-601

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2128 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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BROWNFIELD CLEANUP PROGRAM

SITE CODE: C231043
CLASSIFICATION CODE: C REGION: 2 DEC ID: 332564
CLASSIFICATION CODE DESCRIPTION:

Remediation Complete (formerly D2). Sites may still require some degree of site management associated with either operation, maintenance, and monitoring or with institutional/engineering controls (IC/ECs).

NAME OF SITE: West 61st Street Site
STREET ADDRESS: 229-251 West 60th, St., & 218-240 West 61th St. TOWN: New York City
CITY: New York ZIP: 10023 COUNTY: New York

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 1.09 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
C231059	BCP Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: WEST 60TH STREET ASSOCIATES, LLC Owner Type: Innocent Owner NonRegistry-HazSubs
C/O ALGIN MANAGEMENT CO., LLC
ADDRESS: 64-35 YELLOWSTONE BOULEVARD
FOREST HILLS, NY 11375

NAME: WEST END ENTERPRISES, LLC Owner Type: Innocent Owner NonRegistry-HazSubs
C/O ALGIN MANAGEMENT CO., LLC
ADDRESS: 64-35 YELLOWSTONE BOULEVARD
FOREST HILLS, NY 11375

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):
NAME: WEST 60TH ST. ASSOCIATES, LLC Owner Type: Innocent Owner NonRegistry-HazSubs
BENNET L. SHONFELD ESQ.
ADDRESS: C/O ALGIN MANAGEMENT CO. LLC
64-35 YELLOWSTONE BLVD.
FOREST HILLS, NY 11375

NAME: WEST END ENTERPRISES, LLC Owner Type: Innocent Owner NonRegistry-HazSubs
ADDRESS: 64-35 YELLOWSTONE BOULEVARD
FOREST HILLS, NY 11375

SITE DESCRIPTION:

The Site is situated on an approximately 1.09-acre area bounded by West 61st Street to the north, West 60th Street to the south, the Track 4 area, a school, and a residential building to the east, and residential buildings, a school, and a commercial automobile parking garage to the west. The Site is located in the County of New York, New York and is identified as Block 1152 and former Lots 5, 8, 10, 11, 12, 13, part of 43, 52, 53, and 55 (current Lot 8 and part of Lot 13) on the New York City Tax Map.
The street address of this Site is 229-251 West 60th Street and 218-240 West 61st Street, New York, NY 10023.

The results of the remedial investigation, conducted at the Site during 2005, indicated several areas of concern within the Site, associated with past on-site uses. Former Site uses included a gasoline station, an automobile repair shop, an iron works, and automobile parking areas. Several aboveground storage tanks (ASTs) and the likelihood of several USTs were noted during the Phase I ESA. A commercial-industrial facility located east of former Lot 13, which produced buttons and fabric, was noted in the report. Records indicated that the facility utilized two petroleum storage tanks during its operation from 1926 to 2003.

Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood. The proposed development on the Site includes the construction of a mixed-use residential and office complex with a parking garage. The proposed project will contain a total of 384,000 gross square feet of residential space (buildings would be a 27 story tower with two lower and mid-rise components of 9 and 14 stories), totaling approximately 505 units; 31,000 gross square feet of medical office space; court yard area with tennis court and an underground garage for 282 parking spaces.

The remedial program was conducted in accordance with the March 2006 Remedial Work Plan and included excavation, removal of all soil within the Site boundary to the bedrock (8-22 feet deep) and transportation and disposal at off-site approved facilities. A total of twenty-six (26) tanks, including ASTs and USTs, were encountered during demolition, excavation, and remediation activities on the Site. All twenty-six tanks encountered on-site were removed for off-site disposal/recycling. Contaminated groundwater was removed for off-site disposal. A waterproofing layer has been installed beneath the new construction.

The Remedial construction was completed in November 2007. A Final Engineering Report was approved on December 21, 2007 for a Track 1 cleanup for unrestricted Site usage. Redevelopment of the Site is on-going.

A Certification of Completion was issued on December 21, 2007.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
BENZ(A)ANTHRACENE	UNKNOWN
XYLENE (MIXED)	UNKNOWN
BENZENE	UNKNOWN
NAPHTHALENE	UNKNOWN
HEPTACHLOR EPOXIDE	UNKNOWN
Chrysene	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

June 2003 Phase I Environmental Assessment Report identified environmental conditions for the site and indicated evidence of up to 16 storage tanks (UST/ASTs) were present. These tanks were used for storing gasoline, fuel oils, lubricants, waste oils and other materials. These operations have resulted in environmental contamination.

Remedial Investigation commenced in late summer of 2005 and was completed by January 2006. The Remedial Investigation Report

(RIR) indicated the presence of seven on-site areas of concern. These areas include (1) three locations where underground storage tanks were discovered, (2) one location of elevated lead in the soil (Lot 43), (3) one location where acetone-contaminated soil (Lot 5) was detected, (4) one location of a suspected vaulted tank in a former basement, and (5) one location of petroleum-contaminated soil and groundwater. Groundwater contained benzene, two pesticides and several metals above groundwater standards.

The primary contaminants and impacted media at the site include an area of petroleum-contaminated soil; historical fill containing atypical concentrations of contaminants (e.g. metals and SVOCs); and limited VOCs, pesticides and metals in groundwater. An Interim Remedial Measure (IRM) work plan was prepared in February 2006 to investigate and remove some of the areas of concerns identified in RI report.

Exceedances of standards, criteria and guidance primarily include total VOCs (max: 8,900 ug/ kg), total SVOCs (max: 243,260 ug/ kg) and some metals (including lead (max: 2980 mg/kg), chromium (max: 278 mg/Kg), mercury (max: 2.5 mg/kg) and arsenic (max: 16.8 mg/ kg)) for soil and VOC's in groundwater (benzene at 20 ppb; toluene at 5.8 ppb, ethylbenzene at 8.3 ppb and xylene at 33 ppb) and one SVOC (naphthalene at 13 ppb), low levels of metals and low levels of two pesticides (4,4"-DDD and heptachlor epoxide).

A Remedial Action Work Plan (RAWP) was prepared in April 2005 to address all contamination from this property including underground tanks and associated contaminated soils, petroleum-contaminated soils, historic fill and C & D debris.

Remediation proceeded for Track 1 Cleanup standards for unrestricted usage. A total of 36,617 tons of petroleum-contaminated soil, 77 tons of characteristic hazardous waste (lead) soil, 43,961 tons of soil containing low-level contaminants, and 1,892 tons of soil containing rock and/or concrete pieces greater than 8 inches were excavated and disposed of off-site. Twenty-six (26) tanks, including ASTs and USTs, were encountered during demolition, excavation, and remediation activities on the Site. All 26 tanks were removed for off-site disposal/ recycling. Approximately 533,490 gallons of groundwater were pumped through the filter system and approximately 888,897 gallons were transported via tanker trucks for off-site disposal. All on-site sources of groundwater contamination were removed during remedial activities. The sub-grade slabs and foundation walls are waterproofed with a barrier and seal system, which also functions as a vapor barrier.

All remediation is completed and a Final Engineering Report was approved on December 21, 2007.

The site does not present a significant threat to the environment.

ASSESSMENT OF HEALTH PROBLEMS:

Volatile and semi-volatile compounds are present in soils at this site. Exposure to groundwater is not likely since the area is served by public water. The site is paved and is currently used as a parking lot, therefore current exposure to contaminated soils is unlikely. Soils will be removed and excavated to bedrock thereby removing all site-related contamiantion. Soil vapor intrusion into the proposed building will be unlikely since all contamination is being removed as part of the remedy. A soil vapor survey was conducted at the perimeter of the site to evaluate the potential for off-site receptors to be effected. Low levels of volatile organic compounds were detected, but the concentrations do not pose a health concern.

PROJECT COMPLETIONS:

Operable Unit 00 - Site Management

PROJECT	DESCRIPTION	END DATE	STATUS
Certificate of Completion		12/21/2007	Actual

Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Design		07/05/2006	Actual
Remedial Investigation		07/05/2006	Actual
Remedial Action		12/21/2007	Actual

Operable Unit 01A - IRM - UST removal

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Action		03/26/2007	Actual

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Map Identification Number 8 **WEST 61ST STREET TENNIS COURT AREA SITE** **Facility Id: C231059**
218 WEST 61ST ST NEW YORK, NY 10023 TT-Id: 320A-0001-608

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2186 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 229-251 WEST 60TH, ST., & 218-240 WEST 61TH ST.
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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BROWNFIELD CLEANUP PROGRAM

SITE CODE: C231059
CLASSIFICATION CODE: C REGION: 2 DEC ID: 376802
CLASSIFICATION CODE DESCRIPTION:
Remediation Complete (formerly D2). Sites may still require some degree of site management associated with either operation, maintenance, and monitoring or with institutional/engineering controls (IC/ECs).

NAME OF SITE: West 61st Street Tennis Court Area Site
STREET ADDRESS: 218 West 61st St TOWN: New York City
CITY: New York ZIP: 10023 COUNTY: New York

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 0.346 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
Ground Water Use Restriction
Soil Management Plan
Cover System
Landuse Restriction
Site Management Plan

O&M Plan
IC/EC Plan
Environmental Easement

CROSS REFERENCES:

IDENTIFIER	SOURCE
200912230063300	County Recording Identifier
C231043	BCP Site ID
a2-0580-0107	Agreement/Consent Order Number

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):
NAME: WEST 60TH ST. ASSOCIATES, LLC Owner Type:
LAURANCE T. GINSBERG
ADDRESS: C/O ALGIN MANAGEMENT CO. LLC
64-35 YELLOWSTONE BLVD.
FOREST HILLS, NY 11375

NAME: WEST END ENTERPRISES, LLC Owner Type:
LAURANCE T. GINSBERG
ADDRESS: C/O ALGIN MANAGEMENT CO. LLC
64-35 YELLOWSTONE BLVD.
FOREST HILLS, NY 11375

SITE DESCRIPTION:
Location: This site was originally part West 61st Street site, which was approximately 62,500 square feet (1.44 acres). The larger site was subdivided into two separate sites: the "West 61st Street Tennis Court Area Site" (C231059), and the "West 61st Street Site" (C231043). The Tennis Court Area (the Site) consists of an approximately 100 by 150 foot parcel of tax Block 1152, Lot 43. The Site is bounded by West 61st Street to the north, a public school to the east, an apartment building to the south, and the West 61st Street site (C231043) to the west.

Site Features: The site is a paved tennis court with landscaped areas.

Current Zoning: The current zoning is residential. Three schools and a NYC Parks Department pool and a community center are present in the surrounding neighborhood.

Historical Use: The Phase I Site Assessment identified that Lot 43 operated as a gasoline station and contained underground storage tanks (USTs).

Site Geology and Hydrogeology: The topography of the site slopes gently to the west toward the Hudson River, which is situated approximately 1000 feet west of the site. The site geology is characterized by fill material overlying sand and till, weathered rock, and bedrock between 8 and 12 feet bg.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
ARSENIC	UNKNOWN
ETHYLBENZENE	UNKNOWN
HEPTACHLOR EPOXIDE	UNKNOWN
BENZENE	UNKNOWN
NAPHTHALENE	UNKNOWN
LEAD	UNKNOWN
XYLENE (MIXED)	UNKNOWN
MERCURY	UNKNOWN
TOLUENE	UNKNOWN
CHROMIUM	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of the Contamination:

Exceedances of the TAGM 4046 recommended soil cleanup objectives include SVOCs and metals (including lead at a concentration that exceeded the characteristic hazardous waste limit contained in Part 371-3). Exceedances of the groundwater standards included metals. During remediation activities, eight (8) 550-gallon USTs with associated piping were located near the former parking lot attendant guard house in the northeastern corner of Lot 43 and one (1) 1,500-gallon UST was located in the southwestern corner of the parking lot portion of Lot 43. These two areas were remediated through excavation, tank removal, and post-removal soil analysis. A third area containing SVOCs and metals was also excavated and removed. The excavations were backfilled with clean material. A composite cover system was installed consisting of a demarcation layer overlain by (a) 1 foot of clean fill and capped with asphalt or similar material to cover the tennis court area, or (b) 2 feet of clean fill in areas covered with landscaping elements. The composite cover system acts as a permanent engineering control on the site.

The terms of the Brownfield Cleanup Agreement have been met. The remediation at the site has been completed. The site is now in Site Management Phase.

ASSESSMENT OF HEALTH PROBLEMS:

The top two feet of cover at the site consist of clean soil, concrete and/or asphalt. Proper maintenance of this cover material will prevent the public from coming in direct contact with residual soil contamination. Since the area is provided with public water it is unlikely that anyone will be exposed to site contaminants in drinking water.

PROJECT COMPLETIONS:

Operable Unit 00 - Site Management

PROJECT	DESCRIPTION	END DATE	STATUS
Certificate of Completion	coc	12/29/2009	Actual

Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS

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    Remedial Investigation                                                    07/05/2006 Actual
    Remedial Design                                                           08/04/2006 Actual
    Remedial Action                                                           12/29/2009 Actual

  Operable Unit 01A - IRM - excavation
    PROJECT                              DESCRIPTION                          END DATE   STATUS
    Remedial Action                                                           03/26/2007 Actual
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Map Identification Number 9 **CE - W. 45TH ST. GAS WORKS** **Facility Id: V00532**
12TH AVE.BETWEEN WEST 44TH & WEST 46TH STS. NEW YORK, NY 10036 TT-Id: 280A-0001-621

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE - LARGE SITE
Approximate distance from property: 2206 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 12TH AVE.BETWEEN WEST 44TH / WEST 46TH STS.
Revised zip code: NO CHANGE

Brownfield Program: Voluntary Cleanup Program

Volunteer: CONSOLIDATED EDISON C

VOLUNTARY CLEANUP PROGRAM

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                                                                          SITE CODE: V00532
CLASSIFICATION CODE: A                          REGION: 2                 DEC ID:    57602
CLASSIFICATION CODE DESCRIPTION:
  Work is underway and not yet complete.

NAME OF SITE:    CE - w. 45th St. Gas Works
STREET ADDRESS:  12th Ave.between West 44th & West 46th Sts.                  TOWN:   New York City
CITY:            New York                  ZIP: 10036                         COUNTY: New York

SITE TYPE:       Dump-   Structure-   Lagoon-   Landfill-   Treatment Pond-          ESTIMATED SIZE:

INSTITUTIONAL/ENGINEERING CONTROLS:
  None reported

CROSS REFERENCES:
  None reported

SITE OWNER/OPERATOR INFORMATION:
  CURRENT OWNER(S):
    NAME:    NYS DOT                                    Owner Type:    Missing Code in Old Data
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ADDRESS: HUNTERS POINT PLAZA - 47-40 21ST ST.
LIC, NY 11101

NAME: VARIOUS - SEE PROGRAM FOLDER Owner Type: Missing Code in Old Data
ADDRESS:

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):
NAME: CONSOLIDATED EDISON CO OF NY.,INC. Owner Type: Missing Code in Old Data
ADDRESS: 4 IRVING PLACE
NY, NY 10003

SITE DESCRIPTION:
The West 45th Street site is located on the west side of mid-town Manhattan. The main site features include a large package sorting facility on operable unit (OU) 1 and a parking lot on OU-2. OU-2 is on a separate block from OU-1. The surrounding parcels are a highy urbanized combination of commercial, industrial, and residential uses.

DNAPL and other wastes associated with the MGP operations have been found on OU-1 and OU-2.

The remedial investigation for OU-1 is complete and the Department is awaiting an Alternatives Analysis.

The investigation phase on OU-2 is completed and the remedy planning phase is currently on-hold, awaiting devleopment plans from the property owner.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
COAL TAR	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Historically, the chemicals of concern at a manufactured gas plant (MGP) are benzene, toluene, ethylbenzene, xylene (BTEX) and polycyclic aromatic hydrocarbons (PAHs). BTEX and PAHs have been found in the soil and groundwater at the site in exceedance of standards, criteria, and guidance. This site presents a possible significant threat to the environment because of the possibility of contaminants of concern being released from source areas into the groundwater.

The primary contaminants of concern on the OU-2 portion are BTEX and PAHs. Investigations indicate a plume of contaminated groundwater under the site and subsurface soil contamination due to the release of dense nonaqueous phase liquid (DNAPL) under the site. Exceedances of standards, criteria, and guidance include BTEX and PAHs in groundwater and soils under the site. The Hudson River is roughly 50 yards from the site on the west and may be impacted. The site presents a signicant threat due to the ongoing releases of contaminants from source areas into groundwater.

ASSESSMENT OF HEALTH PROBLEMS:

Manufactured Gas Plant waste has been identified in surface, subsurface and groundwater at the site. Currently, a paved parking lot associated with the USS Intrepid museum occupies the site. There is a potential for exposure to low level site-related contamination in surface soils through direct contact in areas that are not paved or covered by buildings. Exposure to site-related contaminants in groundwater is not likely since homes and businesses near the site are connected to public water. The results of sub-slab vapor and indoor air samples collected from on-site buildings do not indicate a public health concern. NYSDOH and NYSDEC are conducting further investigations to determine the potential for soil vapor intrusion into structures on and near the site.

PROJECT COMPLETIONS:

Operable Unit 01 - MGP

PROJECT	DESCRIPTION	END DATE	STATUS
Site Characterization		11/07/2006	Actual

Operable Unit 02 - Parking Lot

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		12/02/2003	Actual

SOLID WASTE FACILITIES IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 10 **CON EDISON** **Facility Id: 31W17**
12TH AVENUE AND 45TH STREET NEW YORK TT-Id: 380A-0001-794

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2198 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: TWELFTH AV / W 45TH ST
Revised zip code: 10036

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
		C&D PROCESSING FACILITY	Registered	UNCONTAMINATED CONCRETE, SOIL OR ROCK

Map Identification Number 11 **NYCDOS W. 59TH ST. MTS** **Facility Id: 31T04**
WEST 59TH STREET & WESTSIDE NEW YORK TT-Id: 380A-0001-792

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 2398 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST/TWELFTH AVE
Revised zip code: 10019

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
2620200005000010	12/08/2000	LARGE TRANSFER STATION (>50000 CY/YR)	None	Putrescible

HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSERS IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 12 **KELLERMANN PAINT CO INC** **Facility Id: NYD001641828**

605 WEST 45TH ST NEW YORK, NY 10036 TT-Id: 460A-0000-216

EPA (RCRA) Name: KELLERMANN PAINT CO INC

EPA (RCRA) Address: 605 W 45TH ST NEW YORK, NY 100361904

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1942 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: 07/09/1980
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter: No current info -- Previously reported
Contact Name: GEORGE KELLERMANN Source Type: Notification Contact Phone: 212-265-5036 Contact Info Date: 07/09/1980

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
K078	Paint ind solv cleaning wst	2200	GALLONS	TSD	1982		

HAZARDOUS MATERIAL SPILLS INTRODUCTION

The Hazardous Material Spills in this section are divided into eight spill cause groupings. These include:

Active Spills Section: Spills with incomplete paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

1) Tank Failures
2) Tank Test Failures
3) Unknown Spill Cause or Other Spill Cause Hazardous Spills
4) Miscellanous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

Closed Status Spills Section: Spills with completed paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

5) Tank Failures
6) Tank Test Failures
7) Unknown Spill Cause or Other Spill Cause Hazardous Spills
8) Miscellanous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

All spills within each spill cause category are presented in order of proximity to the subject site address.

Please note that spills reported within 0.25 mile (or one-eighth mile in New York City) are mapped and profiled.

Between 0.25 mile (or one-eighth mile in New York City) and 0.5 mile, only the following spills are mapped and profiled:

* Tank Failures;

* Tank Test Failures;

* Unknown Spill Cause or Other Spill Cause;

* Spills greater than 100 units of quantity; and

* Spills reported in the NYSDEC Fall 1998 MTBE Survey.

A table at the end of each section presents a listing of reported Miscellanous Spills with less than 100 units located between 0.25 mile (or one-eighth mile in Manhattan) and 0.5 mile. These spills are neither mapped nor profiled.

NO ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

ACTIVE TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 13 **COMMERCIAL BUILDING** **Spill Number: 1100355** **Close Date:**
500 WEST 52ND STREET MANHATTAN, NY TT-Id: 520A-0260-531

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 494 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	HOUSING PERSERVATION DEVELOPMENT	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	BKFALVEY	Contact for more spill info:	DEREK PARSONS	Contact Person Phone:	(917) 559-4337

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/11/2011		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

1247 THE CALLER ADVISED DISPATCH THE SPILL AMOUNT IS UNKNOWN AT THIS TIME. THE TANK TEST REFLECTED A FAILURE IN THE SYSTEM. THE CLEAN UP IS PENDING UPON TANK REMOVAL. THE TANK IS ABOVE GROUND.

DEC Investigator Remarks:

"Modified" TTF letter e-mailed to HPD property manager -

Derek Parsons.
Director, Environmental Compliance
NYC HPD - Office of Development
100 Gold St, Rm 9V-5, NY, NY 10038
(p) 212-863-7172; (f) 212-863-7988,
(C) 917-559-4337
parsonsd@hpd.nyc.gov

e-mail message sent:
Attn: Derrick Parsons,
HPD Property Manager

The following spill cases refer to two Tank Test Failures that both occurred on April 11, 2011.

Spill #1100355 - 500 West 52nd St, Manhattan

Spill #1100365 - 400 Grand St, Manhattan

Below is the standard text sent out to all property owners/managers after a tank test failure:

On April 11, 2011 the New York State Department of Environmental Conservation (the Department) received notification of a tank system integrity failure at the above mentioned facility. You have been identified as either the owner of this tank or the owner's representative. Because the tank system was found not to be tight, a petroleum release may have occurred at this property, which is a violation of the New York State Environmental Conservation and Navigation Laws. Therefore, the Department requires that you take immediate action to prevent and stop any additional release of petroleum, determine the cause of the failure, and investigate/remediate any soil and/or groundwater contamination, if a petroleum release has occurred. The following steps are required by the Department:

1. Determine if the "wet" portion of the tank system failed. If so or if it is inconclusive as to which part of the system failed, then the tank's contents must be emptied immediately to ensure that no further release occurs.

2. Determine the cause of the tank system integrity failure. This process may include, but is not limited to, excavation of a part of the tank system, isolation of the tank from the piping and separate retesting, or tank and/or piping repair/replacement with subsequent system retesting.

3. Remove any contaminated soil found during the excavation of the tank or piping to the extent feasible and properly disposed of it under applicable regulations for petroleum contaminated soil.

4. Submit a letter or report to this office no later than one month from the date of this letter. The report must be prepared by a qualified professional. The report must reference the spill case number and the site address. The report must specify the cause of the tank system failure and the actions taken to stop, minimize, or remove the petroleum release and must also include conclusions and recommendations for further action. Specific mention must be made if any contamination was found, and how it was dealt with.

****

Mr. Parsons - As per our telephone conversation, it sounds as though your office is proceeding with the required isolation and retesting necessary to determine the location of the leaking problem. In terms of the NYSDEC, we are most concerned with the identification of any actual spill or soil contamination which may have resulted from a leak.
Please get back in touch with our office as soon as this additional investigation is completed with any results you may be able to provide.

Thank you,
Steven Sangesland
Environmental Engineer
NYSDEC - Region 2 Spills Unit
****
****

5/12/2011 Sangesland spoke to Derrick Parsons at HPD. He had the environmental consultant in his office. He said the issue with 500 W 52nd St site was a dry leak from an old weld on the top of the tank. They tried to repair it, but it didn't work. (AST wrapped) Tank is being taken out of service and removed. Sangesland asked for a color photo of the tank area AFTER the tank was removed. If there is oil staining, a boring will be required.

Map Identification Number 14 **MOBIL S/S#17-JWN** **Spill Number: 8904939** **Close Date:**
718 11TH AVENUE NEW YORK, NY TT-Id: 520A-0096-210
718 ELEVENTH AVE

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	FRANK MESSINA - EXXONMOBIL CORPORATION	Spiller Phone:	(908) 730-2055
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	SHEILA HARPER	Caller Agency:	MOBIL	Caller Phone:	(703) 849-5384
DEC Investigator:	MJHAGGER	Contact for more spill info:	DON ENGLERT	Contact Person Phone:	(516) 371-1527

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/17/1989		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL, GROUNDWATER
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

TANK FAILED PETRO TITE TEST, IN PROCESS OF EXCAVATING TANK TOP, WILL ISOLATE & RETEST,RETESTED ON 1/5/91 & .

DEC Investigator Remarks:

This spill has been consolidated under Spill No. 89-04939. See also Spill Nos. 90-09654, 94-00944, 95-05594, 00-07323, 04-03447, 04-05537, 04-13534, 04-13552, and 05-01922.

8/10/2003: Project transferred from Sigona to Harrington (central office) for management. (Sigona)

10/12/2004: Consent order and Corrective Action Plan were executed by the Regional Director. (Harrington)

3/29/2005: Building at 714 11th Avenue was evacuated by FDNY due to elevated levels of gasoline vapor in basement (~11% LEL). Vapor intrusion caused by air rotary drilling at Mobil site as part of station regrade activities. (Harrington)

3/31/2005: Site visit conducted. Met with representatives of Exxon Mobil, Salomone Brothers, Trammell Crow, and the Bull McCabe restaurant. Contacted Chief John Belnavus (FDNY Batallion 9) to discuss the stop work order issued. He lifted the order after our conversation, as Exxon Mobil had presented a satisfactory plan to avoid any further vapor issues in the adjacent building. (Harrington)

6/2/08- DEC Piper. SPill staff recieved notifaction that approx 5 gallons of gasoline was discovered in soil in an excavation adjacent to site. Spill 0802247. This spill has bee nclosed and referred to this spill.

4/4/2005: Approved RAP amendment during on-site meeting. (Harrington)

4/7/2005: Approved RAP amendment #2 during on-site meeting. (Harrington)

4/19/2005: Approved RAP amendment #3 during on-site meeting. (Harrington)

5/2/2005: Approved CAMP amendment during on-site meeting. (Harrington)

5/6/2005: Security guard was murdered on-site. NYPD believes the motive was robbery. (Harrington)

9/19/2005: Upgrade activities are complete, and station is now operational. Sent letter to Exxon Mobil approving the monitoring well replacement work plan, as all on-site wells were destroyed during the station upgrade. SVE and GWPT systems are on-line. (Harrington)

10/31/2005: Received station upgrade activity report. Sent Exxon Mobil a letter closing spill nos. 04-13534 and 05-01922. (Harrington)

6/8/2006: Approved Well Replacement Report documenting installation of two new recovery wells and an additional SVE well. (Harrington)

6/13/2006: Approved request to shutdown the groundwater recovery system in an e-mail to Exxon Mobil. Stipulated that the upgrade work to the electrical panel shall be completed so that the system can be re-started with minimal delay should the need arise. (Harrington)

8/17/2006: Sent an e-mail to Exxon Mobil approving the hydraulic lift removal report. (Harrington)

8/29/2006: Sent an e-mail to Exxon Mobil approving the sensitive receptor survey report. (Harrington)

2/6/2007: Project transferred from Harrington to Smith (central office) for management. (Smith)

4/19/2007: Approved the installation of two additional remedial wells to expand the Soil Vapor Extraction system. Performed site visit on April 18, 2007. (Smith)

6/22/2007: Two additional wells installed to expand SVE system. (Smith)

7/24/2007: Project transferred from Smith to Harrington (central office) for management. (Harrington)

8/3/2007: PM visited the site with Kleinfelder Personnel (Mooney, Meyerhoefer). O & M of SVE system is on-going. Kleinfelder will soon be proposing the abandonment of several off-site monitoring wells. (Harrington)

2/18/2008: PM sent e-mail to Exxon Mobil regarding the SVE system expansion. Based on increased BTEX concentrations in groundwater (wells RW-2 and VP-MW-9), a revised groundwater remedial strategy shall be proposed by Exxon Mobil. (Harrington)

12/4/08 - Haggerty: Assumed management from Dave Harrington

3/2/09 - Haggerty: Approved Reporting Reduction Request. Sampling will remain quarterly, SVE/AS system maintanence will remain on 2 week schedule, reporting will now be bi-annually. System has been operating since 2001 and functioning well. 7500ibs of mass recovered at this point

6/11/09 - Haggerty: Approved Hydraulic Lift Removal Report. Some SVOC detection above soil guidance but not high enough to warrant further excavation. Hydraulic fliud analyzed for the presence of PCB's, no detections. No spill # was called in

May 2010 - PM approved Subsurface Investigation and Biological Enhancement/ Chemical Oxidation Work Plan. New Spill (0909441) called in because of EM Phase II work

June 2010 - 70,000ppb dissolved BTEX in groundwater encountered along the western boundary of the site. PM required additional delineation including bedrock monitoring well

August 2010 - approved SI workplan. Includes delineation of the upppermost aquifer and bedrock aguifer. Bedrock wells will be cored to inspect for fracturing and evidence of flowing groundwater such as oxidation (rust) of metals within the rock. Bedrock wells will isolate the bedrock aquifer - screened portion of PVC in bedrock with bentonite seal above and below bedrock interface

November 2010 - EM has handed the project over to Liberty Petroleum Realty LLC. See 11/18/10 letter from Liberty. (sd)

February 2011 - Supplemental SIR under reivew

March 2011 - Reviewed SIR. Required additional delineation west of the site along West 51st Street also to provide report on the effectiveness of ISCO injections

May 2011 - approved work plan for additional off-site delineation

August 2011 - the 2 additional wells couldn't be installed. They couldn't reach the Arcadis minimum pre-clear depth of 6.5ft plus utilities are very tight in that area. Arcadis will have to design an alternate way of providing the data

November 2011 - approved shutting down the system immediately to allow for the site to reach static conditions before the VTE events

-Proceed with the VTE Pilot test as soon as possible (within 30 days).

-The RAP is due is 75 days from today's date (10/26/11).

December 2011 - VTE Pilot test could not be performed in December due to the DOT Holiday embargo. Moved to January 2012

February 2012 - Based on the proposed geochemical sampling/ IRM results, the Remedial Action Work Plan is due by April 30, 2012

Map Identification Number 15 **MARTIN MOTORS** **Spill Number: 0103148** **Close Date:**
700 11TH AVE MANHATTAN, NY TT-Id: 520A-0097-688

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 805 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	CALLER - MARTIN MOTORS	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	ROMEO SANTOS	Caller Agency:	D C ENVIRONMENTAL SERVICE	Caller Phone:	(718) 857-1800
DEC Investigator:	AAOBLIGA	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
06/21/2001		TANK TEST FAILURE	2-010707	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

site work found contaminated soil.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"

7/1/02 TJD
Received work plan from Emteque (John Raguso). Expedited review at consultant's request. Unable to approve plan as report missing key information and site not complete deliniated. Consultant directed to provide a modified plan which includes installation of wells and contains missing report data. Missing data includes: boring logs, MTBE analysis, plume boundaries, scaled map which includes all tanks and relevant site features, groundwater flow direction etc..

7/1/03 TJD
Stu Bassel (LMS 845 735 8300) contacted DeMeo to inform DEC that LMS had taken over project. A work plan will be submitted to remove tanks, excavate accessible soils, use bio-remediation to treat groundwater contamination and soil vapor extraction to remediate the soil contamination. LMS was also directed to provide any recent sampling data & all relevant information regarding the proposed bio-remediation application. In addition LMS was informed hydraulic control would be required if bio remediation is approved for the site.

8/29/03 TJD
Reassigned to Vought

9/18/03: Martin Motors submits Supplemental Conceptual Remedial Plan prepared by LMS. In cover letter, Martin Motors reports that approximatley 5 feet of product was found in well MW-2 on or around July 28. Manual bailing program initiated - approx. 20

gallons product recovered through 8/21/03. Product thickness in well dropped to approx 2 feet as of 8/21. (JHO, 1/13/05)

1/6/05-Vought-Vought spoke David Rubin (Con Ed 718-204-4219) who is looking to install a substation at this site. Con Ed looking to resolve open spill issue and have BCP pre-application meeting. Con Ed will notify current owner of meeting.

1/10/05
Spill reassigned to O'Connell. Con Ed will be attending pre-app meting with DEC on 1/21/05. Con Ed apparently conducted preliminary off-site investigation, but no report was submitted to the Department. Will request copy at pre-app meeting. (JHO)

5/10/07: On-site cleanup was completed by Con Edison under a Brownfield Cleanup Agreement (site no. C231047, Astor Substation). There is still off-site gasoline contamiantion that remains beneath the sidewalk and street on 11th Avenue. This spill number is being transferred to the Petroleum Remediation group for follow up with the responsible party. (JHO)

8/28/08: Reassigned from Vadim Brevdo to Kartik Chanda. (Chanda)

9/3/08: Chanda updated this spill site and discussed with Mark Tibbe and Bryan (NYSDEC) regarding the off-site contamination originated from this site. It is concluded that a Stipulation Agreement (STIP) with a Corrective Action Plan (CAP) will be sent to RP (previous owner of this site).

9/8/08: Chanda sent a STIP and CAP to RP (Anthony Chianese, vice president of Martin Motors) via certified mail. (see eDocs)

9/19/08: The letter was undeliverable. Chanda made a phone call to David B. Rubin, Con Edison to get the previous property owner's name and address. Mr. David B. Rubin (Con Edison) sent the following contact information:

The RP name is:
Martin Schlanger
Martin Motor Sales, Inc.
677 11th Avenue
New York, NY 10019

The RP's Attorney is:
Mr. Joseph P. Baratta
Baratta & Goldstein
597 Fifth Avenue
New York, NY 10017
Ph. (212) 750-9700

9/22/08: Chanda discuss with Mark Tibbe(NYSDEC)and resent a STIP and CAP to RP (Martin Schlanger, Martin Motors) via certified mail and a copy to RP's Attorney via regular mail.

10/09/08: The letter comes back to DEC. Chanda discussed with Mark Tibbe and John Urda regarding this site. John Urda search NYS Department of State database and find out the following information:

* Chairman or Chief Executive Officer:

Janet Schlanger
1281 Gulf of Mexico DR/#802
Long Boat Key, Florida, 34228

* Principal Executive Office

Martin Motors Sales Inc.
677 11th Avenue
New York, New York 10019

10/14/08: Chanda performed a site visit at 700 11th Avenue (Astor Substation) and across the street at 677 11th Avenue (Martin's Manhattan). The Martin Motor Business is still at 677 11th Avenue. Chanda has taken several photographs regarding the current location of Martin Motors.

10/16/08: Chanda discussed with Mark Tibbe and John Urda (NYSDEC) and sent another letter to Ms. Janet Schlanger (Florida)via certified mail and Martin Motors via DEC's Conservation Officer.

10/24/08: Chanda received a phone call from Andrew E. Skroback. he is the environmental attorny for this site. He request time extension to submit the signed STIP. Chanda received an extension request via the fillowing email:

" Dear Mr. Chanda:

It was a pleasure speaking with you today. As discussed, I write on behalf of Martin Motor Sales, Inc. to request an extension of our deadline to respond to your letter of September 22, 2008, such that our response to your letter would now be due on or before Monday November 24, 2008. Please confirm this extension by return email.

Once we have time to review the past technical reports, I propose that we arrange a meeting between NYDEC, myself and ERM to discuss the scope of what should be done at the site and the scope of the proposed corrective action plan, as well as other potential sources of area contamination. I look forward to working with you on this matter.

Best regards,

Andrew E. Skroback (Drew)
Stroock & Stroock & Lavan LLP
180 Maiden Lane
New York, NY 10038
(212) 806-6446
askroback@stroock.com "

10/28/08: Chanda discussed with Mark Tibbe (NYSDEC) and approved one month extension to submit the signed STIP. The signed STIP must be submitted to DEC by November 24, 2008.

12/08/08: Transferred from Chanda to Tibbe. STIP effective 12/05/08.

9/20/09 - Austin - closed and referred spill # 0609005 to this one, a report from Con Ed of finding gasoline contaminated soils in the immediate vicinity of this site. See report and eDocs - end

11/12/10 - spill re-assigned from Tibbe to Joe O'Connell

11/28/11 - Obligado - Spill re-assigned from O'Connell to Obligado

Map Identification Number 16 **FORMER MOBIL #17-511** **Spill Number: 9009804** **Close Date:**
842 11TH AVE NEW YORK, NY TT-Id: 520A-0098-948

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1381 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	FRANK MESSINA - EXXONMOBIL CORP	Spiller Phone:	(908) 730-2055
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	SCOTT GOTTSCHALL	Caller Agency:	MOBIL	Caller Phone:	(703) 789-5319
DEC Investigator:	RHFILKIN	Contact for more spill info:		Contact Person Phone:	

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/10/1990		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL, GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

LINE TEST ONLY, FAILED PETRO TITE, WITH A LEAK RATE OF -.26GPH, TYREE WILL EXCAVATE, ISOLATE & RETEST.

DEC Investigator Remarks:

Tracking of site remediation has been consolidated under spill no. 90-09804. See also spill nos. 91-05201, 91-08084, 91-08497, 95-01523, and 04-03370.

7/28/1997: A stipulation agreement was executed between Mobil Oil Corporation and the Department. (Harrington)

8/4/2003: This spill site has been transferred from Sigona to Harrington (central office) for management. (Sigona)

7/8/2005: Sent a letter to Exxon Mobil approving the interim RAP. The interim RAP calls for the evaluation of high-vacuum dual-phase extraction. Also sent them the necessary NYCDOT road-opening permit letter for test well installation along the east side of 11th Avenue. (Harrington)

2/2/2006: Sent an e-mail to Exxon Mobil approving the supplemental SI report. The high vacuum dual-phase extraction (HVDPE) feasibility study has been initiated. The FS report is due in the Spring of '06. (Harrington)

4/5/2006: Sent an e-mail to Exxon Mobil approving the final RAP. The RAP calls for the installation of a HVDPE system, which is scheduled to be in place by late summer. (Harrington)

6/5/2006: Approved modification to the IRMs being conducted on-site (EFR events reduced from monthly to quarterly @ wells MO-2, MO-3, MW-12, and MW-14; EFRs can be eliminated @ MW-12 if an absorbent sock is installed to recover free product). Approval sent to Exxon Mobil via e-mail. (Harrington)

2/14/2007: Transferred from Harrington to Milack. (Milack)

5/24/2007: Remedial system is in place but still has not received necessary electrical inspection and discharge permits. (Milack)

12/07: System began operating and Kleinfelder will be submitting a startup report.

May 2010 - The supplemental CAP, received January 29, 2007, outlines the operation of a High Vacuum Dual Phase Extraction (HVDPE) system, as well as continued quarterly enhanced fluid recovery (EFR) events, until the system begins operation. The supplemental CAP was approved April 12, 2007. A Site Status Update report was received on August 20, 2007. The remedial system began operating

the week of November 26, 2007. A Site Status Update Report (SSUR) was received February 29, 2008. A HVDPE Remediation System Start-up Report was received on March 27, 2008 and a SSUR was received on May 22, 2008. A site visit was made on July 9, 2008, and the weekly OM&M is continuing. The HVDPE system continues to operate successfully with levels in the groundwater dropping from 20 ppm levels in several wells to ppb/low ppm levels in two
years. Based on this trend, the consultant is hopeful that the system can be shut down in 2010. The latest SSUR was issued March 25, 2010. The latest groundwater sampling was conducted in January 2010 and showed consistent results with previous rounds. Weekly OM&M of the HVDPE system continues.

The HVDPE system was non-operational for much of May and early June 2010 due to access issues caused by a sidewalk replacement project. Operation was resumed 6/13/2010 and continues to date. (11/22/10)

Nov. 2011 - A 9 month temporary shutdown of the on-site High Vacuum Dual Phase Extraction System (HVDPE) combined with initiating monthly Enhanced Fluid Recovery (EFR) events was approved in June 2011 and is ongoing.

Dec. 2011 - DEC was informed that Groundwater and Environmental Services (GES) will be the new remedial consultant for this spill as of 1/1/12. Karen Bourque (866)839-5195 ext. 3833 is the contact person at GES.

Map Identification Number 17 **MANHATTAN WEST 04, 04A, 07 DOS -DDC** **Spill Number: 0103907** **Close Date:**
650 WEST 57TH STREET MANHATTAN, NY TT-Id: 520A-0098-941

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1407 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:	JOHN LEDDY	Notifier Phone:	(631) 321-4670
Caller Name:	JOHN LEDDY	Caller Agency:	PROTEST ENTERPRISES	Caller Phone:	(631) 321-4670
DEC Investigator:	adzhitom	Contact for more spill info:	LUCILLE FITZGERALD	Contact Person Phone:	(516) 485-0000

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/12/2001		TANK TEST FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	10000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

10-09-09 The spill report was previously assigned to Imdadul Islam. The spill was reassigned to Alex Zhitomirsky on 10/09/09 since AZ handles the other spill at the site. AZ contacted Jane Staten URS. The spill was caused by 10,000 gal tank which failed the tightness test. The tank number is either #15 or #29. The tank probably contained heating oil. Two 10,000 gal tanks were removed in 2003 by Edward Levinson Company.

I requested that URS identifies the tank location and include the tank area in their investigative plan to be submitted to DEC. AZ

7-20-2010 Received a letter from URS dated July, 2010. The letter states that during the site visit URS observed that the building is still under construction. It's not feasible to install any wells. Therefore, remedial work is on hold. AZ

2-16-2012 Contacted K. Shenahan (URS). DEC approved excavation in May 1999. Excavation was performed. URS requested closure in June 2009. In October 2009 DEC rejected the request since no confirmation sampling has not been done. WP was submitted in March 2010. DEC requested to move wells where the product was previously detected. There is a new giant building at the site, so the wells are limited to the sidewalk. June 22, 2010, URS visited the site to adjust the well locations. Scaffolding was on the sidewalk and the sidewalk was not accessible. In October 2011 URS checked the status of the sidewalk and the scaffolding is gone. URS will submit a figure with the modified well locations within next two weeks. Product plume location will be indicated on the maps. AZ

2-21-2012 Proposed well locations submitted to DEC and edoc'ed. AZ

2-22-2012 K. Shenahan forwarded an updated version of proposed well locations. AZ

3-1-2012 Reviewed and discussed a modified version of the the proposed well locations. It was decided that locations proposed in 3/10 will be actual well locations. Also, an additional well will be installed opposite WB-1 near the former fill port, if feasible. An email was received from K. Shenhan:
"Alex,
Thanks you for discussing the proposed field investigation URS has proposed for this site. Based on our discussions this afternoon, URS will proceed with the original well locations indicated on the attached Figure as 3/10 and not the revised locations identified as 2/12. In addition, URS will include a fifth well in the sidewalk of 56th Street on the eastern end of the site near the label "oil fill". AZ

Map Identification Number 18 **AMSTERDAM HOUSES -NYCHA** **Spill Number: 8904207** **Close Date:**
205 WEST 61ST STREET NEW YORK CITY, NY TT-Id: 520A-0098-561

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2581 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10023

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	NYC HOUSING AUTHORITY	Spiller Phone:	(212) 306-3142
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	DON CAMPBELL	Caller Agency:	W C TANK TECH	Caller Phone:	(914) 564-9555
DEC Investigator:	jkkann	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/27/1989		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
003		Unknown	0.00	UNKNOWN

Caller Remarks:

30K TANK FAILED AES BROCKMAN #2 WITH A LEAK RATE OF -.87GPH, SOME OIL COMING THROUGH BASEMENT WALL, WILL PUMP OUT & INSPECT TANK. REQUEST THE INSTALLATION OF AT LEAST (4) GROUNDWATER MONITORING WELL

DEC Investigator Remarks:

02/03/06: This spill transferred from J.Kolleeny to S.Kraszewski. - SK

9/22/06: Spill transferred from Kraszewski to Kann.

1/25/07 - 1/25/07 - J.Kann - monitoring report submitted on 11/14. Some product remains in two wells. Will prepare a generic letter comenting on report format. A work plan is due end of January 2007.

7/31/07 - Work Plan was approved on 4/13/07. Field work was performed and a investigative report is due by August 15.

12/27/07: J.Kann - Report submitted on 11/8/07. Of the 14 wells on site, two contain free product. These two wells are located in teh former tank area. One well contained approximately 4 inches of product. An accurate reading for the second well could not be obtained because the product was too viscous. A fingerprint analysis indicates teh product in the wells is weathered number 6 fuel oil. Consultant recommends sampling of all wells to determine if dissolved phase contamination exists, and to

continue running remedial system on site(consultant claims it has contained the plume).

07/16/08: J.kann - email received from NYCHA including a WP for Amsterdam Houses.

04/20/10: J.Kann - Preferred is planning to mobilize to conduct field work (soil borings, well installation) on Monday - April 26, 2010 at the NYCHA-Amsterdam Houses (Contract No. 9017305) in accordance with the July-2008 work plan prepared by Gannett Fleming.

08/2/10: J.kann - Site Investigation Report submitted on 7/30/10.

9/21/10: J.Kann - Quarterly Report Rcvd 9/1/10.

3/17/11: J.Kann - Added comments for 7/16/08 and 04/20/10. Quarterly Report Rcvd 1/6/11.

ACTIVE UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 19 **MOBIL SERVICE STATION HPD** **Spill Number: 9308101** **Close Date:**
783 10TH AVENUE NEW YORK, NY TT-Id: 520A-0093-882

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 454 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	CHAS VONDIETSCH	Caller Agency:	AT & T	Caller Phone:	(914) 397-6452
DEC Investigator:	ADZHITOM	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
10/04/1993		UNKNOWN	2-341657	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	SOIL
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

SEEPING THRU WALL IN BASEMENT AREA. BEIN COLLECTED IN SUMP. WOULD LIKE CALL BACK - ATTEMPTING TO GET CLEAN UP CONTRACTOR.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"

10/10/95: This is additional information about material spilled from the translation of the old spill file: GASOLINE - WATER.
Refer also to 98-03781 (783 Tenth Ave).

TRANSFERED FROM TIBBE TO ZHITOMIRSKY ON 4/14/2003.

PROJECT NOW BEING HANDLED UNDER NYC DDC CONSENT ORDER.

04/27/04: This site is related to a former Mobil station and it is transferred to NYCDDC. - Alexander Zhitomirsky.
This spill is related to adjacent AT&T building spill at lot # 811 on 10th Ave. according to AZ. -II (02/18/05)
06/10/2005 Koon Tang received a letter dated June 8, 2005, from DDC stating that DDC/LiRo performed site investigation and proposed a remedial plan to NYSDEC in November 2001. The proposal was to perfrom ORC and monthly Vac-Truck recovery. The plan was approved by NYSDEC in 2002. DDC performed monthly Vac Truck product recovery through Noember of 2003. The site is currently under the jurisdiction of HPD, who is working closely witht heir developer (The Dermot Company/Archstone Smith Operation Trust) to continue the future excavation/construction/environmental cleanup of the site. NYCDDC is not continuing with the environmental cleanup of this site. The letter does not contain HPD contact information. I have discussed this site with Koon Tang and called Fatemah Ashkan (NYCDDC) and left a message for her requesting information regarding new contact's phone number, address and their plans for the site further remediation. AZ

06/24/2005 I left a message for Carol Steinberg (HPD) 212-863-8362 regarding further site remediation. AZ
6/27/2005 Conversation with Carol Steinberg (Attorney for HPD). HPD is selling the site. The new owner will remediate the site not HPD. Ms. Steinberg will get back to me with the additional info regarding the developer. AZ

7/14/2005 Carol Steiberg (HPD) conveyed info regarding the new owner: Dermot Clinton LLC c/o 320 West 57th Street, NY, NY 10019. She will get back to me with a phone number and name.AZ

11/14/2005 Conversation with Carol Steinberg (HPD). She promised to get back to me with a phone number for the new RP. AZ
11/14/2005 Carol Steinberg left a phone number for Dermot Clinton - 212-262-1220. AZ

11/14/2005 Conversation with Drew Spitler (Dermot Clinton Green -r/e firm)212-262-1220 new owner of the site. His attorney is Linda Shaw (585)-546-8430). He asked me to call his attorney. I called L. Shaw. Conversation with Ms. Shaw. The site entered BCP program. Dale Desnoyers signed the agreement on 2/10/2005. DEC PM is John Durnin. Remdial Action Plan was submitted and approved. Remediation started around September 2005. Excavation has been completed. Post excavation samples were taken in the last few weeks. Consultants are Langan Engineering and Environmental Services. PM is Tarek Khouri 212-479-5450. AZ

11/21/2005 Conversation with John Durnin (DEC Albany 518-402-9774). They have not excavated on the former Mobile Station yet. They will excavate the site to the bedrock within six months and take end point samples. They are going to build two 24-story residential towers on this site. Dermot Clinton is not responsible as per BCP agreement for the off site clean up. AZ

4/4/2006 John Durnin (DEC Albany (518-402-9774). All the remedial work has been done on site. Contaminated soil was excavated to the bedrock. Approved backfill must be brought to the site. Remedial report will be submiteed in a month. As for off site investigation the case will be brought up to the enforcement division in Albany. AZ

6/13/2006 Left a message for John Durnin - DEC Albany (518-402-9774). AZ

6/16/2006 A memorandum is being drafted to the Division of Environmental Enforcement (DEE) requesting them to contact the Responsible Party (City of New York) regarding the documented off- site plume from this Former ExxonMobil Service Station. The BCP Program requires that NYSDEC pursue the Responsible Party to address and remediate the off-site contamination. AZ

9/14/2006 An e-mail was sent from John Durnin (DEC Albany) to Maureen Schuk. The e-mail contained summary/update for this site. According to the e-mail, all the soil on the entire site was excavated to bedrock and disposed off-site in 2006. John Durnin stated that the off-site plume was not remediated by Dermot Clinton Green since they are not responsible for off-site contamination in the BCP program. As per the BCP Program, the NYSDEC is required to contact the responsible party (NYCHPD) to remediate the off-site contamination or do it through the State Superfund Program. New York City Housing, Preservation and Development is still the responsible party for open Spill No. 9308101 which now consists only of off-site petroleum contamination. John Durnin, as the NYSDEC Project Manager for this BCP Project, will send a memorandum referring this BCP site to the NYSDEC Project Attorney. The Attorney then contacts NYCHPD to get them to complete the off-site clean-up. John Durnin is drafting the memorandum right now. AZ

12/19/2006 John Durnin (DEC Albany). This BCP site is done. A certificate of completion has been issued. The Health Department has been notified. John Durnin is preparing a memo for DEE (Dept. of Environmental Enforcement - Debbra Christian) requesting enforcement actions against the City of New York (HPD). The City of New York is responsible for the offsite clean up. AZ

1/10/2007 An Enforcement Action Memorandum by John Durnin was sent to Deb Christian (Superfund and Brownfield Restoration Section DEE) regarding site on 1-4-2007. The memorandum was forwarded to DER program Attorney, Rosalie Rusinko. Rosalie has inquired about the HPD contact. I forwarded to John Durnin HPD contact information. All nine off-site wells have been filled with concrete. AZ

11/5/2007 The City accepted the responsibility for the off-site investigation. They hired URS to follow-up with the off-site investigation. They will be soon setting up a teleconference with John Durnin and URS. Harvey Roberts is in charge of this project. J. Durnin observed that sidewalk in front of the ATT building was completely excavated to the bedrock and they were poring concrete in the excavation. They will send me a copy of the report when it is completed. AZ

12-11-2008 A STIP Agreement and CAP for the off-site investigation was signed on 12/11/2008 via John Durnin (Central Office).

3-1-2010 Contacted John Durnin. The investigation has been done and they submitted the Investigation Report in July 2009. The field investigation has been approved. Consultants submitted Remedial Action Plan in August 2009 and it was approved by DEC in September 2009. Consultants proposed to install ORC socks in several wells. Two wells out of seven had BTEX. In mid October they installed ORC socks. The socks will stay for 6 months. Quarterly reports will be produced. I asked John D. to forward e-copies to me. He will do it or upload them to e-docs. AZ

1-31-2012 At the meeting with URS and DDC on Jan. 31, 2012, URS stated that latest groundwater data shows two wells with total VOC of 49 ppb and 165 ppb. URS recommended removing the ORC socks to determine if concentrations remain low enough to petition for closure of the spill number. AZ

NYSDEC FALL 1998 MTBE SURVEY INFORMATION FOR 9308101

Maximum MTBE concentration: 5895.0 PPB Current MTBE concentration: 3500.0 PPB
BTEX offsite: Yes

Source of MTBE
  Steel Underground Storage Tank - X
  Fiberglass Underground Tank -
  Aboveground Storage Tank -
  Piping -
  Source not identified -
  Other source - X

Number of private drinking water wells impacted: 0
Number of public water supply wells impacted: 0
Number of private drinking water wells impacted: 0
Number of replacement wells drilled: 0
Number of water main extensions: 0
Number of water main hookups: 0
Number of residences provided w/ bottled water: 0
Number of people affected: 0

Indoor Air Impacts : Yes
Aquifer Impacts : No

Ongoing remediation: Yes

Monitoring Frequency
  Monthly - Quarterly - Semi-annual - Annual - Other - X

Remedial Action used
  No Action -

  Groundwater
    Pump and Treat - X
    Air sparging -
    Bioreactor -
    Natural attenuation -
    Oxygen injection -
    Biosparging -
    Dual phase extraction -
    Other -

  Soil
    Soil Vapor extraction - X
    Excavation and disposal -
    Bioremediation -
    Low temp thermal desorption -
    Oxygen injection -
    Other - X

Under investigation: Yes
Dept. of Health involvement: No

Dept. of Health Remarks: No remarks given for this spill

General Remarks: Source other: over filling. Soil other: vapor abatement system. Sampling other: weekly.

Map Identification Number 20 **PRODUCTION STUDIO** **Spill Number: 0401882** **Close Date:**
IN FRONT OF 709 11TH AVENUE MANHATTAN, NY TT-Id: 520A-0096-198

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 665 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	DAN CANAVAN	Notifier Phone:	(631) 285-6684
Caller Name:	DAN CANAVAN	Caller Agency:	GEOLOGIC SERVICES	Caller Phone:	(631) 285-6684
DEC Investigator:	JMOCONNE	Contact for more spill info:	DAN CANAVAN	Contact Person Phone:	(631) 285-6684

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/20/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

monitoring well sampling: gsc notified david harrington from DEC

DEC Investigator Remarks:

5/20/2004: DEC (Sangesland) spoke with Dan Canavan of Geologic Services. Regular sampling of several offsite wells associated with an Exxon Mobil station located at West 51st St & 11th Ave. (#17-JWN @ 718 11th Avenue).

He says the off site well (MW-9S) had a "hit". They will send a sample out for fingerprinting. Based on that result, they may try to have this spill number disassociated from the ExxonMobil station.

Near to this "hot" well are open spill cases at a Chrysler Plymouth dealer (0304103). Another case is associated with 601 W 50th St.

1/26/2005: Mobil documentation indicates that the product is not gasoline, but rather diesel fuel or fuel oil. This spill will be referred to the adjacent property (Chrysler-Jeep @ 711 11th Avenue; spill #03-04103). (Harrington)

07/26/10-Hiralkumar Patel. while investigating spill at 711 11th Ave (spill # 0751290), found this old spill associated with it.

this spill was reported due to product found in well MW-9S located on west sidewalk of 11th Ave, close to 711 11th ave. this well was installed by ExxonMobil as part of their ongoing remediation work (spill #: 8904939).

3:13 PM:- sent email to DEC Harrington inquiring about any available reports for this spill.
4:14 PM:- received call from DEC Harrington. he referred to DEC Haggerty who is working on spill case 8904939 repoted at ExxonMobil property (718 11th Ave) which is across the street from well MW-9S. spoke with DEC Haggerty. he mentioned that there was about 2 ft of product found in well MW-9S in 2004, and lateron it was found to be either diesel or #2 fuel oil. as ExxonMobil site has gasoline tanks and no diesel tanks on property, they closed the spill #: 0401882 and referred to closest open spill # 304103.000

as per PBS #: 2-157899 for ExxonMobil site, they had two #2 oil tanks in past: one 550 gal UST removed in Dec. 1944 and one 1,000 gal UST removed in Dec. 1989.

reviewed map for ExxonMobil case and found that well MW-9S is located in front of building at 709 11th Ave which is Kenneth Cole Productions, Inc., a shoe making company. also, there was no product found in wells MW-4 and MW-5, which are located upgradient from well MW-9S.

properties owned by Kenneth Cole Productions: 601 W 50th Street and 615 W 50th Street

++*+

++*+

ASTs. found fill port/vent pipes along northern foundation wall of the building along W 51st Street. found old fuel oil fill port near curb side along W 51st Street, in area nearby fill/vent lines for motor/waste oil tanks. Mr. Johnson mentioned that they are using natural gas for heating and doesn't know if there was any heating oil tank in past.

John Johnson
Building Manager
GM Potamkin
706 11th Avenue
New York, NY 10019
PH. (212) 708-3180 (O)
(917) 682-9950 (C)
Fax (212) 603-2996
email: jjohnson@potamkincadillac.com

3:17 PM:- received email from DEC Haggerty with copy of report from ExxonMobil dated Jan. 06, 2005. abstract:
- this report was made after findings of free product in well MW-9S (which is off-site from ExxonMobil)
- on 05/20/04, about 0.07 ft of product found in well MW-9S
- during the gauging event, no noticeable evidence of vandalism was observed on the well or road box
- groundwater was found at 11 ft bg and screen in well MW-9S is from 5 to 20 ft bg
- ExxonMobil refused responsibility of product in well based on following:
1. fingerprint analysis of product from well indicated that the product has a boiling range from 401 to 1331 degree F (possibly mixture of diesel and lubricating oil), while gasoline sold at ExxonMobil station typically has boiling range from 80 to 435 degree F
2. highly weathered gasoline would not have an initial boiling point greater than approx. 300 degree F
3. results showed that product did not contain any additive elements or wear metals usually present in used or new motor oils
4. ExxonMobil never stored diesel on the property
5. product was not found in upgradient wells MW-4, MW-5 or MW-10

3:53 PM:- spoke with DEC Haggerty. informed him that fuel oil tanks at buildings 709 and 711 located more than 300 ft downgradient from the well MW-9S. also, PBS record shows old #2 oil tank at ExxonMobil site. as per fingerprint analysis, product in well MW-9S was probably mixture of diesel (similar to #2 oil) and lubricating oil (ExxonMobil has repair shop). also observed an abandoned fuel oil fill port at Potamkin along W 51st Street. ExxonMobil report indicated presence of bedrock and water main between the ExxonMobil site and well MW-9S. these underground structures and bedrock might have created channel which braught oil from ExxonMobil/Potamkin to well MW-9S. asked Haggerty to send me copy of well logs for wells installed by ExxonMobil and excavation work report (to confirm no product found in excavation and depth of excavation/bedrock).

as per PBS # 2-342297 for Potamkin, site has/had following tanks:

- two 275 gal lube oil ASTs, in-service installed in Nov. 2001
- three 275 gal waste oil ASTs, in-service installed in Nov. 2001
- two 1,000 gal USTs, installed in Dec. 1962 and removed in Nov. 2001, no information about product stored in these tanks in past

4:14 PM:- spoke with Mr. Johnson at Potamkin. he confirmed that they have 1,000 gal waste oil tank. asked him to correct information on PBS record. Mr. Johnson asked to contact Mr. Sunga, controller for Potamkin property.

4:23 PM:- spoke with Mr. Sunga. he doesn‘t know if Phase I or Phase II investigation done before they baught property. he asked to send any letter to Mr. Spallina.

Marco Sunga
Controller
Ph. (212) 708-3107/(212) 433-1722
email: mcsunga@yahoo.com

706 Manhattan LLC.
706 11th Avenue
New York, NY 10019
Attn.: George Spallina **Vice President**
Ph. (212) 708-3102
email: geo798@aol.com

4:35 PM:- sent email to Mr. Johnson with copy of PBS correction form. email copied to Mr. Sunga. asked them to submit correction form by end of 08/16/10.

4:46 PM:- received email from DEC Haggerty. he mentioned that DEC Harrington was on-site during excavation work and did not encounter diesel or lubricating oil contamination. Haggerty also sent copy of email describing work done during installation of wells MW-4, MW-5, RW-1D, RW-2D and RW-3D. wells MW-4, MW-5 and RW-3D were installed on east sidewalk of 11th AVe (along ExxonMobil and Potamkin) and wells RW-1D and RW-2D were installed inside gas station property line. bedrock was found at 3 ft depth in sidewalk wells, at 5 ft in RW-1D and at 6 ft 7 in in RW-2D. groundwater was found at 11 ft 2 inches bg in all wells. all wells have screen within bedrock only.

4:59 PM:- sent email to Mr. Tracy with copy of PBS correction form. informed him about PBS violations and asked to submit PBS correction form alongwith tank tightness test result by the end of 08/20/10. informed him that if the department doesn‘t receive the required documents by the end of 08/20/10, a notice of violation may be issued.

07/28/10-Hiralkumar Patel.

2:07 PM:- received email from Mr. Tracy. he is working on scheduling the tank test with ACe Atlas.

08/03/10-Hiralkumar Patel.
10:00 AM:- visited site with DEC Mohammed Hasan to check any product in well MW-9S. found oil in well MW-9S, but could not measure product thickess as it was only one inch well. product looks similar to lubricating/hydraulic oil.
1:06 PM:- spoke with Mr. Tracy at Kenneth Cole regarding any shoe manufacturing at the site. Mr. Tracy mentioned that they only do designing at the site and there is no machinery at the site which needs lube/hydraulic oil. Mr. Tracy asked to send any letter to his legal counsel, Jennifer Steindler.

2:08 PM:- sent email to DEC Haggerty requesting copy of soil excavation report and well construction logs for all on- and off-site wells related to ExxonMobil property.

discussed with DEC Austin. due to findings of petroleum product in well MW-9S, during the site visit, case re-opened.

this spill was orginially reported at 709 11th Avenue as well MW-9S was located in front of it. but as no information about source of product in well MW-9S, changed spill location from '709 11th Ave' to 'in front of 709 11th Ave'.

also Austin asked to initiate state funded work (PIN # 05289) based on following:
- product found in only one well MW-9S
- product was never found in upgradient wells located in front of ExxonMobil and Potamkin properties
- no history of underground tanks at Chrysler property
- no history of machinery operation in past 10 years at Kenneth Cole site

Austin asked to pump out product from well MW-9S and lock it. based on observation after 2-3 weeks following pump-out, the department may require additional work.

08/04/10-Hiralkumar Patel. reviewed old spills (9211268 and 9306238, no other spills reported) at Potamkin property (706 11th Ave).
+-
in Dec. 1992, spill #: 9211268 was reported as a 1,000 gal waste oil UST failed a tightness test. the waste oil UST was removed lateron.
in Aug. 1993, spill #: 9306238 was reported as found contamination near oil/water separator.

as per Phase I, in 1899, the subject property and adjacent properties were used for housing. by 1930, a Mobil gas station was operating adjacent to the site. the subject site was still characterized as residential/commercial. by 1951, the subject site was identified as the Diamond T. Motor Cab Company. the year of construction was listed as 1948.

as per the previous reports (stored on e-docs under spill #: 9306238), the 1,000 gal waste oil UST was located beneath the first floor of the building along the south side of the property (along W 50th street). the Department does not have copy of waste oil tank closure report. but as per report dated Feb. 2000, which summarize work done on site under both spill reports, the waste oil UST was determined to be intact with no evidence of pitting or leakage. also, five hydraulic lifts and two oil/water separators removed from the site. one oil/water separator was located on first floor in area of previous waste oil UST and another oil/water separator was located in basement along northern foundation wall. a 1,000 gal heating oil AST and a boiler room was located near oil/water separator in basement. during removal of hydraulic lifts, found only SVOC contamination which was probably related to backfill material. during removal of oil/water separator in basement, found product on water. product sample was collected for fingerprint analysis. result of fingerprint analysis indicated that the sample contained petroleum hydrocarbons in the distillation range of motor oil and kerosene. it was noted in the analysis that waste oil and hydrulic fluid could not be distinguished from motor oil by the method used. subsequently, a monitoring well in former boiler room and a sump well in oil/water separator excavation were installed. no product found in any well after initial findings. both wells were monitored and sampled for eight quarters. no dissolved contmaination found in groundwater sample from sump well, but dissolved BTEX contamiantion found in well MW-1 which was installed in former boiler room. adjacent to the former boiler room is ExxonMobil property where spill reported in 1989 (spill #: 8904939). the Department closed the spill numbers on 706 11th Ave based on eight quarterly monitoring reports and notified ExxonMobil to delineate their spill area.
+-

11:57 AM:- received email from DEC Haggerty including repsonse from ExxonMobil. this response includes well construction logs for

on-site and off-site wells. abstract:
- screen portion of monitoring wells MW-10, MW-11, MW/VP-8 and MW/VP-9 bridge the observed overburden bedrock interface
- screened portion of recovery wells RW-1, RW-2, RW-3, RW-6 and RW-7, as well as the screened portion of monitoring wells MW-4, MW-5, MW-8, MW-9D and MW-9S are located below the observed bedrock overburden interface <----------

well log information (all distance in ft):

well---------total------casing--------screen---------bedrock----------static water
depth length interval depth (approx.) level (approx.)
MW-4---------14‘-8"------4‘-8"--------10‘-0"----------4‘-6"----------11‘
MW-5---------15‘-10"-----5‘-10"-------10‘-0"----------5‘-0"----------11‘
MW-7---------25‘-0"------9‘-6"--------15‘-0"---------13‘-0"----------11‘
MW-8---------16‘-6"------3‘-6"--------13‘-0"----------2‘-0"----------12‘
MW-9S--------20‘-0"------5‘-0"--------15‘-0"----------3‘-6"----------12‘
MW-9D--------40‘-0"-----29‘-0"--------10‘-0"----------3‘-0"----------12‘
MW-10--------21‘-0"-----10‘-0"--------11‘-0"---------16‘-0"----------10‘
MW-11--------23‘-0"------8‘-0"--------15‘-0"---------12‘-0"----------11‘
RW-1(Deep)---20‘-0"------6‘-0"--------14‘-0"----------6‘-0"----------NA
RW-2(Deep)---20‘-0"------6‘-0"--------14‘-0"----------6‘-0"----------NA
RW-3(Deep)----5‘-6"------2‘-0"---------3‘-6"----------5‘-0"----------NA

after reviewing the well logs, found that screen in well MW-9D starts at 29 ft and groundwater in that well found around 11-12 ft depth. as screen in well MW-9D is well below water table, that could be reason for not having any product in well MW-9D, but 2 ft of product in well MW-9S which is only about 2 ft away from MW-9D.

2:30 PM:- spoke with Mr. Sunga, controller at Potamkin. informed him that based on old spill reports and site specific groundwater flow direction (defined by ExxonMobil), the oil found in well MW-9S may be originated on Potamkin property. asked him if they wants to do any invesstigation or the Department proceed with investigation. Mr. Sunga asked to talk to Mr. Spallina, vice president in this matter.
2:35 PM:- left message for Mr. Spallina.

08/06/10-Hiralkumar Patel.
9:32 AM:- received call from Mr. Spallina. explained him about findings of free product in well and history of old spills on Potamkin property. Mr. Spallina requested meeting with his boss John Bruno at the site. Mr. Spallina will talk to Mr. Bruno and try to schedule meeting at 9:30 AM on 08/09/10.

reviewed log for well MW-8/MW-9S/MW-9D which shows well was installed by core barrel method and not air rotary. discussed with DEC Vought who mentioned that by core barrel method, contractor can see cracks in rock and any oxidation (which indicates water flow in the crack) in it.

08/09/10-Hiralkumar Patel.
9:45 AM:- visited site. met Mr. Spallina at Potamkin. explained him about findings of free product in well MW-9S and source possibility on his property. he will discuss in internal meeting to decide if they wants to do their investigation. inspected basement at Potamkin site. site has 1,000 gal aboveground tanks in basement. found well inside the tank room (which was previous

boiler room). asked Mr. Spallina to close this monitoring well to avoid any spilled product (if happen) going into ground. Mr. Spallina mentioned that as part of their current contract to remove some out-of-service 275 gal ASTs, they have also planned to close this well.

during meeting, Mr. Spallina mentioned that the Cybert Tire and Car Care, located at 726 11th Ave, is using lifts for long time. this property is located north of W 51st Street.

spoke with John Everett at Cybert Tire store. John mentioned that the tire shop is in service since 1916. up until 1995, site was used for tire change and alignment work only. in 1995, they installed five aboveground electrical lifts for repair shop. they have one 275 gal motor oil and one 275 gal waste oil ASTs.

Cybert Tire and Car Care
726 11th AVe
New York, NY 10019
owner: John Oliver Everett
Ph. (212) 265-1177
Fax (212) 765-4031
email: brewsterguy1@aol.com

also inspected basement wall along 11th Ave at Kenneth Cole property. found red stains and some wet material on foundation wall in area close to well MW-9S on sidewalk. asked Mr. Tracy to seal the wall. suggest him to do sampling to find out type of product.

during database search, found spills reported at 700 11th AVe (spill #s: 0608770, 0607790, 0605854, 0604159, 0601353, 0103148), which is ConEd substation property. this property was honda showroom and repair shop in past. spill #: 0103148 is still open and under remediation. DEC Tibbe is the project manager. as per old reports, found about 5 ft of gasoline product in well MW-2 installed on east sidewalk of 11th ave, about 80 ft south of southeast corner of the intersection of 11th Ave and W 50th Street.

discussed with DEC Austin. he asked to pump out well without further delay.

4:08 PM:- sent Contractor Authorization Form to Brian at F&N. asked him to call to discuss the site.

Brian Linehan **cleanup contractor**
Fenley & Nicol Environmental
PH. (631) 586-4900 (O)
(516) 768-1765 (C)
email: blinehan@fenleynicol.com

08/13/10-Hiralkumar Patel.
2:47 PM:- received email from DEC Haggerty with response from Kleinfelder. Glenn Spataro from Kleinfelder (631-218-0762 ext. 274, cell: 516-903-3550, email: gspataro@kleinfelder.com) sent email to Haggerty informing that they had gauged well MW-9S. product was found at 11.19 ft and water was found at 11.51 ft below top of casing.
3:23 PM:- left message for Brian.

08/16/10-Hiralkumar Patel.

9:30 AM:- received call from Brian McCabe from F&N. he will handle this pin job in F&N and will be at the site at 11 AM on 08/19/10.

Brian McCabe
Fenley & Nicol Environmental
PH. (631) 586-4900 (O)
(516) 658-9671 (C)
email: bmccabe@fenleynicol.com

08/19/10-Hiralkumar Patel.
11:30 AM:- visited site. met Brian McCabe from F&N. gauged wells MW-8, MW-9D and MW-9S. found groundwater around 11 ft bg. product found in well MW-9S. well was pumped for about 15 minutes. mostly water was pumped out. well recharged immediately. no product found in well MW-9S after pump out. Brian collected product sample for fingerprint analysis.

08/24/10-Hiralkumar Patel. sent contractor work authorization form to TestAmerica for sample analysis. asked them to submit sample and standard chromatograms.

Erin Arasate
TestAmerica
Ph. (203) 944-1318
Fax (203) 929-8142
email: erin.arasate@testamericainc.com

08/25/10-Hiralkumar Patel.
10:08 AM:- received email from Dave from Jade Environmental. Dave is working on PBS issue to Potamkin site.

Dave Pelletier
Jade Environmental
PH. (914) 882-6074
email: JadeEnv@alum.rpi.edu

09/08/10-Hiralkumar Patel.
9:22 AM:- received a fingerprint analysis result from TestAmerica. lab compared sample chromatogram with standard chromatogram for #2 oil, #4 oil, #6 oil, kerosene, gasoline, motor oil and coal tar, but doesn‘t match with any standard chromatogram. no comparison done with lube oil or hydraulic oil. also report missing standard chromatogram for #2 oil.

09/10/10-Hiralkumar Patel.
3:38 PM:- left message for Erin at TestAmerica. asked her to submit missing chromatogram for #2 oil. also asked her to call back to discuss further comparison of sample chromatogram with other petroleum compounds.
3:53 PM:- sent email to Erin asking to submit chromatorgram for #2 oil and to call to discuss extending comparison to other petroleum compounds.

09/14/10-Hiralkumar Patel.
2:45 PM:- visited site. found product in well MW-9S. could not measure product thickness as sensor was covered with oil. went to

Potamkin and met Mr. Spallina. he spoke with property owner who refused to do any investigation on their property. Mr. Spallina asked to send letter with any requirements.

09/15/10-Hiralkumar Patel. discussed with DEC Austin and DEC Vought. based on available information, Austin asked to compare fingerprint results to some other petroleum compounds for possible match. as product found in well, he asked not to send contractor again for well gauging and pump out. he also aksed to send letter to Potamkin suggesting to start investigation.

09/16/10-Hiralkumar Patel.
2:24 PM:- left message fro Erin.
2:45 PM:- spoke with (and also sent email to) Brian McCabe and asked him not to respond to the site again as requested earlier in the work authorization form (item # 5). asked Brian to submit a brief report for work done till date.

09/17/10-Hiralkumar Patel. received email from Erin (at 5:56 PM on 09/16/10). she will send standard chromatogram for #2 oil which is missing in previously submitted report. she mentioned that the only standards that were are capable of comparing samples to by 8015B- Finger print analysis at the lab are #2 fuel oil, #4 fuel oil, #6 fuel oil, Kerosene, Gasoline, Motor oil and Coal Tar and they do not have the ability to compare to other petroleum based constituents at this facility. she can check with other lab in their network for further comparison.

09/21/10-Hiralkumar Patel.
11:01 AM:- left message for Erin.

09/22/10-Hiralkumar Patel. after reviewed and approved by DEC Austin and DEC Urda, sent letter to Mr. Spallina requesting to start delineation of groundwater contamination found in well MW-9S (based on groundwater flow direction). informed Mr. Spallina that if Potamkin doesn't initiate investigation by end of 10/22/10, then DEC will activate state funded contractor to perform the necessary investigation. letter emailed to Mr. Spallina.
10:25 AM:- spoke with Erin. asked her to send chromatogram for #2 oil. she has already sent inquiry in their network to find out if any lab has capability to compare existing sample chromatogram with standard for hydrulic oil/lube oil. Erin will call back by end of 09/24/10.

09/23/10-Hiralkumar Patel.
9:05 AM:- received email from Erin. she found one of their lab which has standard chromatograms for hydrulic and lube oil. she will send those with missing #2 oil chromatogram.
10:18 AM:- sent email to Erin and asked her to have those chromatograms compared to sample chromatogram by one of her chemist and to submit results with all standard chromatograms.
2:27 PM:- received email from Erin with copy of standard chromatogram for #2 oil.

09/24/10-Hiralkumar Patel.
4:16 PM:- received email from Charles from Kenneth Cole including copy of updated PBS (showing underground tank and #2 oil) and copy of tank tightness test result (which shows tank system tight).

09/28/10-Hiralkumar Patel.
11:39 AM:- sent email to Brian with copy of tank test result for tank at Kenneth Cole. asked him to review test result and update PBS record (as record shows tank test due date at 12/27/1987.
11:48 AM:- sent email to Erin inquiring about status on product fingerprint analysis result comparison to other petroleum

compounds.

09/29/10-Hiralkumar Patel.
11:51 AM:- received email from Brian with report on work done on 08/19/10.

10/05/10-Hiralkumar Patel. received email from Erin (at 6:19 PM on 10/04/10) including standard chromatograms for hydraulic oil and lube oil. she mentioned that sample chromatogram doesn't match with standard chromatograms for lube/hydrulic oil. she also mentioned that the sample was analyzed on different instrument than comparison standards for hydrulic/lube oil, so it is somewhat difficult to make a determination.

after discussing with DEC Austin case transferred to DEC Vadim due to product on groundwater and an unknown source (possible PIN job).

10/19/10-Hiralkumar Patel. approved two invoices (# 103593 and 103820) from Fenley & Nicol.

see spill #: 0751290 for more details.

10/7/10 re-assigned from Brevdo to Joe O'Connell (JOC)

Map Identification Number 21 **WEST 49TH ST SUBSTATION** **Spill Number: 9900410** **Close Date:**
637 WEST 49TH STREET MANHATTAN, NY TT-Id: 520A-0099-892

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	CALLER - CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	MR TIMMONS	Notifier Phone:	(212) 580-6763
Caller Name:	JOE DEVOTI	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:	JOE DEVOTI	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/12/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states that there is a 2oz spill on concrete flooring. appears to have come from a crack in the ceiling. con ed 124-163.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
SEE ALSO 9301730, 9411450.

APPENDIX B SITE NO. 19. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.

12/28/07: spill submitted for closure by Con Ed. Request rejected, with comment: "Final entry in e2mis report (under "Comment" section, dated 6/20/07) states "The entry from 5/15/06 was incorrectly put into this report. Repairs on the cooling plant have not yet been completed. The spill was cleaned up and approved engineerinig controls are in place. Spill to remain open pending repairs." Once repairs to the sump pump have been completed and no additional seepage is confirmed, this spill may be re-submitted for closure." (JHO)

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Con Ed e2mis #124163:

4/12/99 Unknown liquid coming from crack in ceiling of fire pump room. Unable to detect source at this time. 2 oz on concrete floor contained. Placed pads at this time. No drips reported after five min. of observation.

6/15/99 It appears that the leak is from circulating plant #1, directly above. Substance is dielectric fluid (non-PCB).

2/16/00 Right now leak has stopped. It was coming from the cooling plant and seems to be OK.

8/8/00 Leak still active. Contained with pads and marriage rolls.

1/4/02 Leak is intermittent. Source is Cooling Plant #2. Sump alarm is defective and leak is caused by the sump overflowing. Maximo work order created to repair sump alarm. Containment is being maintained.

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill.
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Map Identification Number 22 **W. 49ST SUB. STA.** **Spill Number: 9301730** **Close Date:**
W. 49TH SUB. STA. MANHATTAN, NY TT-Id: 520A-0099-904

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W 49TH STREET
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	JOE DEVOTI	Caller Agency:	CPN-ED.	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/06/1993	05/24/1993	UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

COMING THRU S.E. TUNNEL WALL IN 11TH AVE SIDE-TRYING TO TAKE SAMPLE TO TEST -90 DROPS PER MINUTE - CONTAINED IN MOLE INSIDE TUNNEL-UNDERGROUND TUNNEL HOUSING ELECTRICAL CABLES ONLY SUBSTANCE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 19

1/31/08: Met at site with Con Ed (Pillig) regarding feeder leak (DEC no. 0710712). While excavating for feeder leak they encountered oil at bottom of excavation that appears to be old, black df from previous leaks. There is a "recovery sytem" installed on the inside basement wall of the substation to collect oil from this old leak. A collection rail directs the oil to a sump, where it is skimmed off into drums. Water then goes through station's oil/water separator before discharge. According to Con Ed (Chris Cotronei) they recover approximatley 100 +/- gallons annually using this system. Note - according to spill file, this recovery system was never reviewed or approved by NYSDEC. (JHO)

2/1/08: During Appendix B quarterly meeting with Con Ed (Matt Madsen and Barry Cohen), requested evaluation of installation of recovery wells to assist with product recovery. Also, existing system should be evaluated and a report submitted to the

Department outlining the recovery efforts to date and the proposal going forward. (JHO)

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill. Breen.

See also spill no. 0710712 and 0801886. (JHO)

Map Identification Number 23 **LEXUS DEALERSHIP** **Spill Number: 0708204** **Close Date:**
835 11TH AVE NEW YORK, NY TT-Id: 520A-0211-118

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1164 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	WHITTEN JOYNER - LEXUS DEALERSHIP	Spiller Phone:	(334) 215-4448
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	rvketani	Contact for more spill info:	WHITTEN JOYNER	Contact Person Phone:	(334) 215-4448

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/26/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

LEAK IN STORAGE TANK , PHASE TWO

DEC Investigator Remarks:

Sangesland left a voice message with Mark Godick AKRF, asking for additional information on the spill. - DEC Ketani was assigned the case.

10/29/07 - Raphael Ketani. I spoke with Mark Godick of AKRF (914) 922-2356. He said a phase I and a phase II were already done.

He said that his company is putting together the phase II right now for his client, Avalon Bay Communities, Inc. They are a long term leesee and are presently negotiating the lease. They have the intent to build residential and commercial space. The property will be rezoned and so the DEP will get involved and issue a restrictive declaration. Right now, there is a LEXUS Dealership on site.

Soil borings were done next to an abandoned AST. Elevated vapor levels were found in the soil. Contaminated soil was sampled and the lab results indicated elevated levels of VOCs and SVOCs. Mr. Godick wants to do a groundwater investigation before doing soil removal. He said that the plan is to do a deep foundation and dig out all of the soil down to 15 feet, anyway. However, his client wants to remove the soil when they are ready to construct the foundation. I asked Mr. Godick when this would be. He said in two years. I told him DEC will not wait anywhere near that long for the spill to be investigated and remediated. He said that the basement is tight to work in and you can't get the large equipment down there to scoop out the soil efficiently. He said that it would be much easier to remove the soil with the building down and gone. I told Mr. Godick that I understood the matter, but that the investigation and remediation has to take place.

We then agreed to a deadline of 30 days to have AKRF submit the groundwater investigation work plan and another deadline of January 7, 2008 for the groundwater investigation to take place.

10/30/07 - Raphael Ketani. I sent out a CSL to the current owners of the property, Four Plus Corporation, with "c-c's" to Avalon Bay and AKRF.

I checked the PBS database. I didn't find a registration for the site.

11/15/07 - Raphael Ketani. I received a letter dated 11/12/07 from Mr. Godick of AKRF stating that the Phase II report will be submitted 11/20/07, the groundwater investigation work plan will be submitted 11/29/07, and that the groundwater investigation will start 1/7/08.

11/21/07 - Raphael Ketani. Today I received the 11/20/07 dated Phase II report from AKRF. Seven (7) soil borings were performed at the site. These were B-11 to B-13 and B-16 to B-19. Of all the borings, B-11 and B-12 were the only ones done in the basement. Boring B-11 had 233 to 236 ppm of total volatiles via the PID meter at 4' to 7.5' below the basement. Boring B-19 had 8.9 ppm of total volatiles via the PID meter at 19' to 20' below grade. For the soil analyticals, there was one exceedence of VOCs (9400 ppb total xylenes) for B-11 from the 4' to 6' sample. For the SVOCs, there was one exceedence from a soil sample from 1' to 3' from B-12. For soil samples from 1' to 4' down for borings B-13, and B-16 to B-18, there were several low level SVOC exceedences of the same analytes. These analytes were benzo series analytes and their associated combustion products. Other borings had low levels of benzo series SVOCs.

The only issues are that the following tanks are not registered:

motor oil AST
abandoned brick encased AST

I sent a letter to Mr. Godick approving the Subsurface (Phase II) Investigation report dated 11/20/07. However, there is no PBS registration for the site. So I also wrote that the tanks have to be registered and enclosed a registration form.

12/3/07 - Raphael Ketani. Today I received the 11/30/07 Groundwater Investigation Work Plan. I reviewed the plan and found it to

be acceptable. My only question was the placement of the proposed monitoring wells in the vicinity of borings #11, #12, #18, and #19, and not in the vicinity of borings #13, #16, and #17.

12/4/07 - Raphael Ketani. I spoke to Mr. Godick (914) 922-2356 regarding the Work Plan. He said that the positions of the proposed wells was in regard to the location of the known contamination. Borings #11 and #19 were the ones with contamination.

1/9/08 - Raphael Ketani. I tried to reach Mr. Godick regarding the start of the groundwater investigation, but could only leave a voice mail.

Mr. Godick called me back. He said that they have already installed 4 groundwater wells and are scheduled to install the fifth one today. After this, they will develop the wells. He said that DEC should get a report sometime in February.

Mr. Godick called back. He said that they had a hard time installing the first well. They hit refusal many times. With the second well, they kept hitting refusal and finally had to give up. Part of the problem is that they have utilities nearby and can't get close to them. However, he said they will keep on going with their 6" O.D. augers.

2/4/08 - Raphael Ketani. I spoke to Mr. Godick today. He said that they did a round of groundwater sampling. A well to the west had benzene at 12 ppb, toluene at 14 ppb, and naphthalene at 100 ppb, with other low hits. He said he will submit the raw data for the wells in an e-mail, along with some language that he would like to put in a cover letter or letter report to DEC.

I asked him about the tank registrations. He said that he spoke to the PBS person here in Region 2 and he told him that only the waste oil tanks needed to be registered. So, he is working on getting them registered.

2/7/08 - Raphael Ketani. Mr. Godick (914) 922-2356 e-mailed me the soil and groundwater analytical results for borings B-101 to B-104 and wells MW-1 to MW-4. While there were low soil and groundwater hits in a number of instances, the only hit of concern was the 1100 ppb of naphthalene in the groundwater at MW-2, which is near suspected underground lifts.

Previously, from the 11/20/07 Phase II report, there were only two hits of concern. These were from a soil sample that was taken at 4' to 6' down at boring B-11. They were 9400 ppb of total xylenes, and 18000 ppb of naphthalene. B-11 is next to a supposedly abandoned AST.

I tried to contact Mr. Godick to discuss the contamination, but could only leave a message.

2/11/08 - Raphael Ketani. I spoke to Mr. Godick about contaminated groundwater at MW-2 and the contaminated soil at B-11. We discussed what the options for remediation were, soil treatment as opposed to digging it out. He mentioned that construction wouldn't start for at least 2 years. I told him that work of some kind has to start much sooner. He mentioned that the site is an active dealership with a narrow stairway leading down to the basement where the tank is. He said he didn't know how they could remove the tank or get equipment down there to do soil removal. We discussed soil solution injections. He said that was a possiblity. Mr. Godick added that he will broach the subject with his client.

2/14/08 - Raphael Ketani. Mr. Godick (914) 922-2356 called. He said that his client is "on board" with the idea of soil treatment for the contamination at B-11. However, Mr. Godick said he needed another week to get the report to DEC. This would be 3/5/08. I told him that will be fine.

4/9/08 - Raphael Ketani. I spoke to Mr. Godick and asked him where the investigation report was. He said he was surprised that I didn't get it, but he will make sure I receive it very soon.

4/11/08 - Raphael Ketani. I received the March 2008 Groundwater Investigation Report from AKRF on 4/10/08. I reviewed the report. In the Recommendations section, it is stated that they will remove the abandoned AST, and remediate the soil and groundwater with treatment solutions. I had no comments regarding the report, except that they compared the analytical results to Part 375 standards. Spills still uses TAGM 4046.

4/30/08 - Raphael Ketani. I spoke to Mr. Godick today (cell (917) 991-4030). He said that the tank pull has been delayed and is now scheduled to start on 5/6/08. I told him that was fine.

5/15/08 - Raphael Ketani. I received the following e-mail today from Mr. Godick:

Finally, after much delay, the contractor has received the permit from New York City Department of Transportation necessary to remove the tank. The work will start on this upcoming Monday (5/19) and is anticipated to take 2 to 3 days. The post-removal soil borings will be completed on the following Tuesday, 5/27. I will reach out to you if there are any unforeseen conditions encountered during these activities.

7/22/08 - Raphael Ketani. Today I received the 7/18/08 tank removal and soil sampling report from AKRF.

7/23/08 - Raphael Ketani. I began my review of the tank removal and soil sampling report. The site is block and lot 1104 and 31. The fuel oil AST next to 11th Avenue was investigated. It was half full with #2 oil. The oil was vacuumed out. A 1/4" hole was found at the east end of the tank. They installed borings B-110 to B-114 in the vicinity of the former tank location. Samples from borings B-111 (west end of tank location) and B-113 had many high hits of VOCs up to 160,000 ppb of naphthalene and 130,000 ppb of 1,2,4-trimethylbenzene. Boring B-111 was higher than B-113, which is to the south. B-111 and B-113 had high hits of SVOCs up to 55,000 ppb of naphthalene. The other borings were largely non-detect.

There was no mention of registering the waste oil AST. I checked the PBS and the tank is still not registered. They also didn't mention what they are going to do with the contaminated groundwater at MW-2. They will have 9 treatment solution injection sites in and around the former tank location, but this may not be enough. They should better define the limit of the heavy contamination by doing borings and then add injection points.

I sent Mr. Godick a report review response letter stating that they need to define the limit of the heavy contamination, propose how they are going to deal with the contaminated groundwater at MW-2, and submit the PBS registration form for the waste oil AST.

7/30/08 - Raphael Ketani. Mr. Godick called me today in response to the 7/23/08 letter I had sent requesting that they do more borings to better define the extent of the contamination. Mr. Godick spoke to his client about the request from the DEC and his client retorted that it was unfair to request so much additional work when the whole site will be dug up in a couple of years.

I told Mr. Godick that a well to the south had very high hits of VOCs and it was next to another property. I told him that meant that the contamination probably extended under the neighboring property. I added that the DEC was concerned. Mr. Godick stated that he would like to take another approach to this problem. I suggested seeing whether the product and contaminated groundwater

can be collected through pumping. He said that he would like to try installing collection wells and see how much they collect. Mr. Godick added that if the first well collects a lot of oil and contaminated water, then he will install more collection wells and remediate the site this way. However, he said, if collection is not practical, then they will do the soil treatment as formerly proposed. I told him that sounded like a reasonable plan. Mr. Godick said that he will send a letter to DEC memorializing the new plan.

8/20/08 - Raphael Ketani. I spoke to Mr. Godick (914) 922-2356. He said that they are in the process of ordering the ORC and RegenOX from Regensis. He said that he plans to install the collection well first and see whether they can recover oil. They will inject the treatment solutions to treat both groundwater and soil. He said that the PBS registration is being worked on. Hopefully, he said, they will begin work in the next week or two.

Mr. Godick e-mailed me the 8/8/08 letter regarding the plan to install a recovery well,treat the contaminated soil and groundwater with ORC and RegenOx, and monitor the environmental conditions.

9/15/08 - Raphael Ketani. I spoke to Mr. Godick. He said that they have figured out a way to put in the recovery well using a vac. truck. He also said that they ordered the soil treatment chemicals from Regenesis. They expect to do the field work in about 2 weeks. They will keep me posted.

10/27/08 - Raphael Ketani. I spoke to Mr. Godick regarding progress at the site. He said that he is waiting for EPA UIC approval for doing the solution treatment injection. He said there is a TAGM for solution injection. As soon as he gets the approval, he will let me know.

11/21/08 - Raphael Ketani. I spoke to Mr. Godick regarding the start of the treatment injections. He said that the EPA still hasn't given approval to do the work on this site and another site. He said that he will call the EPA and try to find out when they will give the approval.

12/2/08 - Raphael Ketani. I tried to contact Mr. Godick (914) 922-2356, but could only leave a message.

12/22/08 - Raphael Ketani. I spoke to Mr. Godick. He said that the TAGM requires a 30 day notice prior to doing the injection. However, more than 30 days have passed and he still hasn't heard anything from the EPA giving him the "go ahead" (a permit) to do the work. So he feels "enough is enough." He's going to do the injections during the first week in January 2009. He will keep the DEC posted.

1/16/09 - Raphael Ketani. Today I received the following e-mail message from Mr. Godick:

Things are finally set to start next week. We will be starting with the Regenox/ORC injection work on the morning of Wed, 1/21. We are still coordinating with the driller for the recovery well, but the installation would be completed either concurrently or shortly thereafter. Have a good weekend.

Regards,
Marc

Marc S. Godick, LEP
Sr. Vice President

AKRF, Inc.

1/26/09 - Raphael Ketani. I received the following e-mail on 1/24/09:

Hi Raphael. I am working with Marc Godick on this project and am writing to update you on the progress. We successfully completed the Regenox/ORC injection today. We are still finalizing with the driller, but we expect the NAPL recovery well will be installed next week.

I will keep you posted on the findings of the drilling and subsequent well gauging soon after the well is installed. Please feel free to contact me or Marc with any questions or concerns.

Kathleen Brunner
Technical Director

AKRF, Inc.

2/13/09 - Raphael Ketani. I tried to reach Mr. Godick (914) 922-2356 regarding progress at the site, but could only leave a message.

Mr. Godick called and left a message. He said that the ORC and treatment chemical injections had been completed two weeks ago. The recovery well was installed, but no free product was seen.

3/2/09 - Raphael Ketani. I received the following e-mail from Kate Brunner of AKRF:

Hi Raphael. I am working with Marc Godick of AKRF on toward the remediation and closure of a petroleum spill (Spill #0708204) reported at 835 11th Avenue (at West 57th Street) in New York, New York. In accordance with AKRF correspondence dated August 8, 2008, we installed a monitoring well for potential NAPL recovery and injected ORC and Regenox in the vicinity of the former aboveground storage tank in January 2008. We have been inspecting the well on a weekly basis for the past 4 weeks and have not identified any LNAPL. We will continue to monitor this well on a monthly basis for the next two months, at which time we'll perform the confirmatory soil and groundwater sampling outlined in our August 2008 correspondence. We anticipate this sampling will be performed by early May 2009. Upon receipt of the laboratory data, a Remedial Action Report will be prepared and submitted to NYSDEC. If you have any questions or concerns in the meantime, please feel free to contact me.

Thanks,
Kate

4/23/09 - Raphael Ketani. I spoke to Ms. Brunner (212) 696-0670 regarding the site. She said that confirmatory soil samples and groundwater samples will be taken on 4/29/09. She said that only 4 soil borings will be performed as access is tight in the basement.

4/24/09 - Raphael Ketani. I received the following e-mail today from Ms. Bruner:

After we spoke on the phone yesterday I looked at the site data more closely. We are going to still perform sampling on April 29th, but we are going to start with the groundwater sampling portion only, since groundwater remediation was the target for the

Regenox/ORC injection. We'll evaluate the next steps based on the groundwater sample results and I'll keep you posted.

6/19/09 - Raphael Ketani. I tried to reach Ms. Brunner, but she was out on vacation. So I left a voice mail message. She will be back on 6/22/09.

6/24/09 - Raphael Ketani. Ms. Brunner called me back. She said that they received the groundwater analytical results for the confirmatory water samples, but the presence of naphthalene skewed the other SVOC results. She asked whether they still had to send the results. I told her to send the results with a cover letter explaining what the problem is. She said that the next round of samples will be taken about in July. I told her to send DEC these results when they get them.

7/13/09 - Raphael Ketani. Ms. Brunner told me that the next round of groundwater sampling is scheduled for next week.

9/11/09 - Raphael Ketani. I tried to contact Ms. Brunner (212) 696-0670, but could only leave a message regarding the latest analytical results from the July sampling and progress at the site.

9/14/09 - Raphael Ketani. Ms. Brunner called me back. She said that the developer who was paying for the remediation is no longer involved. Off of the top of her head, she said that the developer told her to stop all work back in July or August. So, even though the treatment injections took place back January 2009, no groundwater samples have been taken. Ms. Brunner said that AKRF will meet with another developer very soon regarding the remediation.

9/17/09 - Raphael Ketani. Ms. Brunner left me a voice mail stating that AKRF met with the owner of the property. They are trying to work with the owner to continue the remediation project. She added that she needs one week to work out the details with the owner and to get them to agree to take over the project. She will call me in about a week to let me know what had transpired.

9/29/09 - Raphael Ketani. Today I received the groundwater sampling report dated 9/28/09 from AKRF. The report stated that the treatment solution was injected during January 2009 from 8 to 10 feet below the basement grade at 9 locations. Post injection sampling was conducted on 4/29/09. With the exception of a 530 ppb naphthalene hit from MW-2 and a below TAGM toluene hit from MW-1, all of the VOC results were non-detect. The SVOC results were almost entirely non-detect, with the exception of a naphthalene hit of 340 ppb from MW-2, followed by a number of low benzo series and combustion product hits. MW-1 had a few very low SVOC hits. It was not clear why MW-5 wasn't sampled. I tried to contact Mr. Godick (914) 922-2356 regarding why MW-5 wasn't sampled, but could only leave a message.

10/1/09 - Raphael Ketani. Mr. Godick returned my call after work hours.

10/2/09 - Raphael Ketani. I tried to return Mr. Godick's call, but could only leave a message.

10/9/09 - Raphael Ketani. Ms. Brunner called me back. She said that MW-5 wasn't sampled because it doesn't screen the entire water table and would probably not result in representative groundwater samples. She added that it is a narrow well and can not be used for groundwater/product extraction.

11/5/09 - Raphael Ketani. I tried to contact Ms. Brunner (212) 696-0670, but I could only leave a voice mail.

11/6/09 - Raphael Ketani. I received the following e-mail from Ms. Brunner:

Regarding the site on 11th Ave at 57th St in Manhattan (NYSDEC Spill #0708204), we are scheduled to collect the groundwater sample next week. We'll get lab data about 2 weeks later and will prepare a short letter report for submittal to DEC. The report preparation will be slowed a little because of the thanksgiving holiday, but I expect to have that data report to you by mid-December.

12/23/09 - Raphael Ketani. I tried to contact Ms. Brunner, but could only leave a message requesting the data report.

1/8/10 - Raphael Ketani. I contacted Ms. Brunner. She said that they had "invoicing issues" with the client, but now everything is straightened out. She said that they have the data from the latest sampling round and the results are significantly improved. She said that Mr. Godick has to review the data, but he's out of town. So the data wont be reviewed for two weeks. DEC should receive a report sometime in February.

4/1/10 - Raphael Ketani. I spoke to Ms. Brunner (212) 696-0670 regarding progress at the site. She said that she has made repeated calls to the client, Avalon Bay, but she has not been able to get a response. She said that she will try again now that the DEC is calling again. I told her that I will send an e-mail to her requesting that Avalon Bay continue with the remediation or else face legal action if no progress has been made by April 30.

I looked up the correct name and address of Avalon Bay (leassee). It is:
Avalon 57, LLC, c/o Avalon Bay Communities, Inc., 275 7th Avenue, 25th Floor, NY, 10001.

The actual owner is: EE 57th Street South Holdings, LLC, c/o JP MorganChase Bank, N.A., 345 Park Avenue, 4th Floor, NY, 10154. The main property address is 827 11th Avenue. The alternate addresses are: 829 and 835 11th Avenue. The block and lot are 1104 and 31.

4/23/10 - Raphael Ketani. Today I received the Closure Report from AKRF. The report contained the groundwater analytical results from the 11/12/09 round. I began my reivew.

4/26/10 - Raphael Ketani. I finished my review of the Closure Report. The groundwater VOC results were all non-detect. The SVOC results were almost entirely non-detect with one 160 ppb hit for naphthalene. I was not concerned about the groundwater contamination as it appeared to have been addressed. However, I could not find any documentation in the case file showing that the concentrations of the VOCs and SVOCs in the vicinities of B-111 and B-113 had decreased.

I contacted Ms. Brunner (212) 696-0670 and told her that the DEC had no proof that the contamination in the vicinities of B-111 and B-113 had been addressed to TAGM levels. She said that the soil was below the building with no pathways for the contamination to be affected. She added that the soil will be removed when the construction excavation takes place. I told her that, as far as the DEC knows, the contamination is still present in the soil where the tank used to be. I told her that all contamination needs to be addressed. I added that I understood that AKRF had the treatment solutions pumped through the soil, but we have no proof that the contaminant levels were reduced. She said that the solutions were pumped through the vadose zone. I told her that I trusted was she is saying, but, still, it needed to be confirmed that the soil contamination had been reduced. I suggested doing one soil boring each at the locations of B-111 and B-113. She said that she will talk to the client about this. I told her to do so as I can't close the case at this time. I sent an e-mail to this affect to Ms. Brunner.

5/24/10 - Raphael Ketani. I tried to contact Ms. Brunner (212) 696-0670 regarding whether the client was willing to do the confirmatory borings at B-111 and B-113, but could only leave a message.

5/26/10 - Raphael Ketani. I tried to contact Ms. Brunner (212) 696-0670 regarding whether the client was willing to do the confirmatory borings at B-111 and B-113, but could only leave a message.

5/27/10 - Raphael Ketani. Ms. Brunner called me back. She said that the client (the renter of the space) is willing to do the confirmatory soil borings. Ms. Brunner and I agreed to confirmatory soil borings at B-111, B-113, and at two other step-out locations. I told her that if the results are not at or below TAGM, then the contamination will need to be addressed. She said that they can't dig it out. I told her that more solution treatment may be the answer. She said that if the confirmatory sample results are still high, then that means the treatment solutions aren't doing the job. I asked her when the work will start. She said that they have to get a driller lined up. So they hope to start the work within a month. She said that she will keep me informed.

6/17/10 - Raphael Ketani. Ms. Brunner sent me an e-mail that they have hired a contractor to perform the 4 requested soil borings in the vicinities of B-111 and B-113. The work will take place on June 25.

7/14/10 - Raphael Ketani. I sent Ms. Brunner an e-mail as I haven't received any information regarding progress at the site.

Ms. Brunner sent me the following e-mail:

Yes, the soil borings were performed. We just got the lab results back and are still tabulating the data. We'll next prepare a report after we receive the final lab package and can compile all the findings (I expect it will take at least several weeks with our internal management and client reviews).

9/23/10 - Raphael Ketani. I tried to contact Ms. Brunner (212) 696-0670, but I could only leave a message.

9/30/10 - Raphael Ketani. I received the 9/28/10 soil sampling report from AKRF. I reviewed the report. The last round of RegenOx treatment and RegenOx ORC Advanced treatment reduced the SVOC concentrations around B-111 and B-113 to the point where almost all of the analytes were below the TAGM limits. However, the soil sample from confirmatory boring B-115 had 4 VOC analytes which exceeded the TAGM limits by two to ten times, and the soil sample from confirmatory boring B-116 had 6 VOCs which exceeded the TAGM limits by two to five times. The samples from B-117 and B-118 were entirely non-detect. I sent an e-mail to Mr. Godick and Ms. Brunner that further soil treatment was necessary at B-115 and B-116, and that this should be followed by further confirmatory soil sampling and downgradient well sampling.

12/2/10 - Raphael Ketani. As I hadn't heard anything from AKRF regarding the further treatment of the areas around B-115 and B-116, I tried to call Ms. Brunner. However, I could only leave a message. I then sent her an e-mail requesting an update regarding the site activity.

12/9/10 - Raphael Ketani. I tried to reach Ms. Brunner, but I was only able to leave a voice mail.

12/10/10 - Raphael Ketani. Ms. Brunner sent me an e-mail that she has reached out to her client, but she hasn't received a response yet.

1/7/11 - Raphael Ketani. Ms. Brunner sent me an e-mail stating that her client, EE 57th Street South Holdings, LLC, wanted to have a face to face meeting with the DEC in our office. The purpose of the meeting would be to discuss what the DEC wants in the

way of further remediation. The client also wants to know the rationale behind any further work.

1/10/11 - Raphael Ketani. I e-mailed Ms. Brunner that the only work that the DEC wants is additional soil treatment in the vicinity of B-115 and B-116. I added that this is the only work that is required and that the goal is to reduce the residual soil contamination to at or below TAGM concentration limits. I added that the client was very close to finishing this project and that maybe larger doses of treatment solution would do the job. I wrote that there is nothing else to discuss and so a meeting will not take place.

1/14/11 - Raphael Ketani. Ms. Brunner (212) 696-0670/(646) 388-9525 called me and insisted on a meeting. She said that it would help move the project along if the owner could talk face to face and come to an understanding regarding what the DEC wanted and why. I told her that sometime next week would be alright. She said that she will get back to me.

1/18/11 - Raphael Ketani. Ms. Brunner sent me an e-mail suggesting having a meeting on January 21 at 11:30AM. I wrote back that this date and time were fine.

1/21/11 - Raphael Ketani. The meeting with Mr. Godick and Ms. Brunner took place as scheduled. Towards the end of the meeting Randall Austin, Chief of the Spills Unit, attended the meeting. Mr. Godick was the primary presenter for his client. Ms. Brunner took notes and made a few comments. The premis presented by Mr. Godick was that AKRF had tried to eliminate the soil contamination, but that they had only a 50% positive result (only two locations showed complete contamination removal due to the ORC and RegenOx treatment). I told Mr. Godick and Ms. Brunner that the soil samples from borings B-115 and B-116 had very high exceedences after the first (only) round of treatment. I told them that through my experience with the use of these treatment solutions, I have never seen a situation where only one round of treatment was necessary to eliminate all oil contamination. I told them that at least one more round of treatment was necessary. Mr. Godick stated that his client didn't want to spend another $20,000 for another round of treatment and get only a slight reduction in the analyte concentrations at B-115 and B-116. I told him that the DEC was very concerned about the concentrations that still remained. Mr. Godick said that the site was still an active Lexus dealership and service shop. He added that there were vapors from the vehicles in the showroom and in the shop. I asked Mr. Godick what the ceiling height was in the basement. Ms. Brunner said that it was 8 feet. I then asked whether there was small equipment available that could help to dig out the contamination, rather than treat it. Mr. Godick said that there was a wall nearby and that the area was tight. I responded that the DEC wants another round of soil treatment to take place, but that I will discuss this issue with Mr. Austin. Not long after this, Mr. Austin walked into the meeting room. Mr. Godick presented the groundwater and soil data to Mr. Austin. After some review, Mr. Austin stated that he will have a meeting with other staff to discuss the site and the analytical results. After this, he will come to a decision and notify AKRF. With this, the meeting adjourned.

Subsequent to the meeting with representatives from AKRF, a meeting was held between Randall Austin, Jeff Vought (Spill responder), and myself to discuss the soil and groundwater analytical results. It was noticed that, according to the 4/23/10 report, the treatment solution injection depth was at 8 to 10 feet below the basement floor. The report stated that this was the level of the water table or below it. It was also noted from the 9/28/10 report that the soil boring from B-113 was taken at 9 to 10 feet below the floor, while the confirmatory soil sample for B-117 was taken at 4 to 6 feet below the floor. An initial soil sample was taken at 6 to 7 feet down at B-111. The confirmatory sample from soil boring B-115 was taken 5 feet away at a depth of 3 to 5 feet. Injection point RB-5 was depicted as being midway between B-111 and B-115.

I contacted Mr. Godick and asked him why, if AKRF was trying to treat the soil contamination, they had injected the treatment solutions into the water table. I also asked him why the sample from boring B-117 was taken at a much shallower depth than the

one from B-113. I commented that it was not surprising that the sample from B-117 would look so clean as to be almost entirely non-detect. Mr. Godick said that he will talk to Ms. Brunner about these questions and get back to me.

1/26/11 - Raphael Ketani. I spoke to Ms. Brunner (212) 696-0670/(646) 388-9525 regarding the discrepancy in the original boring sampling and the confirmatory sampling. She said that in both cases they sampled the interval that had the highest contamination. She claimed that this interval changed between the date of the original sampling and the date of the confirmatory sampling. According to Ms. Brunner, when the treatment solutions were injected, AKRF injected just above the water table (the dirtiest zone) and then at levels in the bore hole that were higher up. This way, they achieved greater coverage and greater treatment of the contamination. I told Ms. Brunner that I understood what she was saying and the conversation ended.

6/2/11 - Raphael Ketani. I spoke to Ms. Brunner. I asked her why she hadn't contacted the DEC in many months regarding progress at the site. She said that AKRF was let go a week after we had last talked. She said that AKRF had worked for the tenant, the LEXUS dealership, and the developer, Avalon Bay, not the owner of the property. She added that she didn't know who the new consulting company was and who the owner was. I told her that I will find out who the owner is and send them a letter that the DEC wanted a report on the cleanup of the site.

6/3/11 - Raphael Ketani. Ms. Brunner called and stated that the new consultants were ERM. Paul Levine at ERM (609) 895-0050 was the new contact.

I looked up the owner information in ACRIS. The site is block and lot 1104 and 31. The latest deed is dated 1/31/08. The owner is listed as EE57th Street South Holdings, LLC, c/o JP Morgan Chase Bank N.A., 345 Park Avenue, 4th Floor, NY, 10154.

I tried to contact Mr. Levine, but I could only leave a phone message.

6/6/11 - Raphael Ketani. I spoke to Mr. Levine (609) 895-0050. He said that the site is managed by the Appleby Trust. Avalon Bay had a lease. They took responsibility for development of the property. However, they have given notice that they will terminate their lease. The end of the lease is the end of July. Mr. Levine didn't know how this will all work out. He will go back to the Appelby Trust and tell them they need to send a work plan to the DEC, but he was not sure whether ERM will be the consultant on the project. He asked me not to send the letter just yet requesting a work plan as it may not get to the right person since things are in flux. Mr. Levine stated that he will get back to me in a couple of days to let me know who the responsible party is. I told him I will wait.

6/8/11 - Raphael Ketani. Mr. Levine called and said that he did not have any answer yet regarding who is the responsible party. He said that Appelby Trust is trying to get all of the owners, the developer and the consultant together for a meeting. However, this may not happen till next week. Mr. Levine said that he will keep me posted regarding what will take place.

6/23/11 - Raphael Ketani. I spoke to Mr. Levine (609) 895-0050. He wanted to have a meeting with DEC staff (Randall Austin and myself) and the owners and the developers. The meeting would be to discuss what the DEC wanted in the way of further remediation and why. I told Mr. Levine that I didn't see the need for a big meeting as the only requirements right now were that additional soil treatment and confirmatory sampling take place in the vicinity of B-115 and B-116. He said that the owners and the developer didn't want to spend $30,000 on another round of treatment. I told Mr. Levine that I will talk to Randall Austin, Chief of the Spills Unit, and see whether he will agree to a meeting. Mr. Levine suggested July 21. I told him that this date was fine for me.

6/28/11 - Raphael Ketani. I spoke to Mr. Austin regarding having a meeting with the owners of the property and their consultant.

I told Mr. Austin that the owners wanted the meeting because they didn't want to do another round of soil treatment. He responded by saying that the DEC will not have the meeting.

I sent Mr. Levine (Paul.Levine@erm.com) an e-mail declining the request for a meeting.

7/11/11 - Raphael Ketani. Mr. Levine sent me the below e-mail:

This is to let you know that ERM has been engaged by the Ownership to evaluate remedial alternatives at the above referenced site. Our objective is to consider treatment alternatives including the previously used ORC/Regenox as well as other alternatives that my be more advantageous including persulfate, thermal oxidation, bioventing and excavation. After review and recommending a preferred alternative to the Ownership, we will prepare a letter report to the NYSDEC noting preferred action and schedule. Consequently, we are rescinding our request for a meeting with you this month, but would like to reschedule that meeting once our alternatives analysis is complete. This will take several weeks.

9/13/11 - Raphael Ketani. I tried to contact Mr. Levine (609) 895-0050 regarding what ERM and the owners had decided to do to address the remaining soil contamination. However, I could only leave a voice message. I also sent an e-mail to him. In the e-mail I stated that the owners were still in violation of Section 173 and Section 176 of Article 12 of the Navigation Law.

9/14/11 - Raphael Ketani. Mr. Levine called me back. He said that ERM had sent a draft memo to the owners desribing 5 soil treatment methods. Also, an engineer from ERM went to the site to see the work conditions. The engineer reported back that the ceiling height was about 2 and a half feet. Mr. Levine commented that these were very difficult conditions to work with. I told him the DEC agreed, but that the work must continue. Mr. Levine added that there were 5 parties involved with the site. So even if the memo has nothing much to think about, it will still take time for them to respond to ERM and agree on a work plan. Mr. Levine asked what the DEC wanted. I told him that the only areas that needed treatment were that of B-115 and B-116 (confirmatory boring locations). He said that he thought the DEC wanted more than that treated. I told him that we didn't. I told him that the issue was VOC analyte exceedences of the soil standards. The confirmatory boring samples had exceedences that were up to 10 times the limit for individual VOCs. I added that the first round of treatment had resulted in a good reduction in the concentrations of all of the analytes. However, at least one more round was needed just at these two locations, nowhere else. Mr. Levine asked, "That's all the DEC wants?" I told him it was. Then, he said that this new information put a different light on the project and that he will get back to me. I told him that would be fine.

10/19/11 - Raphael Ketani. I spoke to Mr. Levine (609) 895-0050 (Paul). He said that today he received approval from the fourth trustee for the treatment plan. He will send the work plan to the DEC sometime in the next two weeks.

11/16/11 - Raphael Ketani. Mr. Levine sent me the 11/16/11 ERM Preliminary Work Plan by e-mail. It dealt with performing a treatability study before conducting more treatment solution injections. The purpose of the study would be to determine what would be the best method for treating the remaining contamination in the vicinity of B-115 and B-116. I reviewed the work plan, but had no comments or objections. I responded to Mr. Levine by e-mail that ERM should proceed as soon as possible.

Map Identification Number 24 **547 W 47TH ST** **Spill Number: 0202863** **Close Date:**
547 W 47TH ST MANHATTAN, NY TT-Id: 520A-0093-809

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1317 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	TANK PULL	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:		Notifier Phone:	
Caller Name:	CITIZEN	Caller Agency:	SAME	Caller Phone:	
DEC Investigator:	SFRAHMAN	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/18/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

caller states that a contractor is pulling tanks out of ground

and there is a strong odor of gasoline in the area

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
4/12/04-Vought-Spill transferred from Sangesland to Rommel as per Rommel.

Vivek Nattanmai. December 29, 2005

Reviewed the spill report, identified the property owner and sent a letter dated 12/28/05 to the property owner requesting for information.

Austin - 9/30/09 - Spill project assignment transferred from Albany staff("VRNATTAN") to Rahman, for further review and action. - end

Map Identification Number 25 **MANHATTAN WEST 04, 04A, 07 DOS -DDC** **Spill Number: 9403727** **Close Date:**
650 WEST 57TH STREET MANHATTAN, NY TT-Id: 520A-0098-954

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1407 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	MANHATTAN FOUR GARGE	Spiller Phone:	(212) 265-3754
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	DIANE FIORIO	Caller Agency:	NYC DEPT OF SANITATION	Caller Phone:	(212) 837-8127
DEC Investigator:	ADZHITOM	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/16/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

WHILE INSTALLING MONITORING WELLS, CONTAMINATED SOIL & G/W WERE DISCOVERED. WILL EXCAVATE CONTAMINATED SOIL- CONTINUE INVESTIGATION FOR SOURCE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"
10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAM. SOIL & G/W.

TRANSFERRED FROM Y.KRIMGOLD.
10/05/05 The facility was demolished and will undergo reconstruction. Sanitation will excavate for the basement and underground parking to about 20 feet depth. New spill was called in by Con Ed. They discovered soil heaily contaminated with gasoline in front of the facility. I notified S. Frank (LiRo). See also spill #0508045 AZ

1/17/2006 Excavation is pending. New consultants should submit their plan and timetable. AZ

4/11/2006 I contacted Jane Staten (URS). The site was last time sampled in 2002. Groundwater contamination was found but not

delineated. Free phase and dissolved phase up to 16, 000 ppb . Excavation is still pending. AZ

9/26/2006 I contacted Jane Staten (URS). They demolished the existing facility, removed the tanks. Closure reports were never submitted by demolition contractors (EPM -environmental consultants), although heavy contamination was encountered. Jane Staten requested tank closure report from EPM. AZ

1/24/2007 At the meeting with DDC/URS on January 10, 2007, the site was discussed. The facility construction is near completion. The tanks were removed. No end point samples were taken. No tank closure reports were issued. Bovis is the construction CM. URS will arrange a site visit with DOS. AZ

9/25/2007 Received e-mail from Jane Staten (URS). There is no information about the area which was excavated for the construction purposes. The construction is still ongoing. I called Jane Staten. She notified me that no post-excavation samples were reported. The area is currently unaccessible. I requested that URS/DDC notify DEC when the construction ends. Excavation and end point sampling should be coordinated with NYC DOS. When the area is accessible URS should submit a sampling Plan based on the previous investigation. AZ

3-17-2009 Inquired about the site status (J.Staten -URS)via e-mail. AZ

10-09-09 Discussed the site with Jane Staten. Excavation was performed at the site by Bovis for solely construction purposes. No post-excavation samples were taken. Excavation was not coordinated with DDC. Environmental work/observations/sampling was not performed during the excavation. I informed Jane Staten that an investigation of soil and groundwater should be performed at the site. The investigation plan based on the results of the previous investigation and monitoring should be submitted to DEC. The area of the former free product plume and soil/groundwater contamination should be investigated. Request for closure was rejected. AZ

3-22-2010 An e-mail was sent to J. Staten (URS):"I am reviewing Field Investigation Work Plan for the above site. Unfortunately, the submitted Work Plan doesn't contain results of the previous investigations. Please submit soil and groundwater plume maps and tables which show results of the previous investigation(s). After review of these materials, DEC will finish reviewing the proposed work plan." AZ

3-23-2010 An e-mail sent to J. Staten: :"Thanks Jane.Your e-mail does help in terms of well placements. However, results of the previous investigations should be included in the work plans for future investigations. Please, resubmit the work plan for this site and include hard copies of the plume maps and tables.Contacted J. Staten."

Contacted J. Staten. She informed me that according to Cal Gerson, the CM for the new construction, the interior of the building is off limits because a "pressure slab currently exists under the entire footprint of the former facility that is reflected on the LiRo drawing. A pressure slab does not exist outboard of the footprint of the former facility (that is to say - a pressure slab does not exist under the sidewalks and under a 10FT. +/- strip between the sidewalk and the new facility)." Specifically, "the area of the former UST's has currently become a Basement level, with 24" reinforced concrete pressure slab and a Bontonite Waterproofing membrane (both of which are several feet below the water table)" which should not be penetrated. AZ

5-10-2010 Reviewed Revised Field Investigation Work Plan. Contacted Kevin Shanahan (URS). Requested submittal of groundwater and soil plume maps with the locations of proposed wells.AZ

5-27-2010 Contacted Don McCall (URS). Upon DEC request, he sent DEC a plan with proposed well locations (4 wells). I asked Don if it's feasible to move wells closer to the former free phase plume area and to the wells MW-2 and MW-13 where most of the dissolved phase contamination was previously encountered. AZ

2-21-2012 Received the following email from K. Shenahan:"Alex,
URS issued a report for this site on March 25, 2010, which discussed how the former facility was demolished and a new DOS facility was constructed. The report is attached.
Also attached you will find a pdf of a memo from the construction manager indicating that the site was excavated to bedrock and that the material was transported off-site for disposal (see photograph illustrating 20 foot deep excavation).
The March 2010 report contained a plan to install and sample four groundwater monitoring wells located along the sidewalk to provided sufficient data for DEC to evaluate closure of the open spill numbers. Access to the sidewalk had been blocked by scaffolding until October 2011. The attached pdf illustrates existing site conditions from Google maps.
On March 27, 2010 you provided verbal comments regarding shifting one or two of the well locations closer to the area where product was detected by Liro (see attached Liro report Figure 4-3) and closer to wells MW-02 and MW-13 where high VOCs were detected prior to remedial excavation (see Liro report Figure 4-2).
To address your request, we have shifted the locations as shown on the attached pdf identified as "Figure 2 - Proposed MW Locations". Also shown on this figure is the estimated groundwater flow direction to the southwest. As you will see, three of the four proposed wells are down gradient of the areas where product was detected and high VOCs in groundwater. We have evaluated the existing conditions and have located the wells at the best locations possible to facilitate drilling. Since artesian conditions exist at this site, we will install the wells in accordance with the March 25th work plan but will keep the wells relatively shallow.
URS would like formal approval of the revised well locations so we can schedule the drilling and sampling." AZ

Thanks,

Kevin J. Shanahan

Project Manager

NYSDEC FALL 1998 MTBE SURVEY INFORMATION FOR 9403727

Maximum MTBE concentration: 17000.0 PPB Current MTBE concentration: 17000.0 PPB
BTEX offsite: No

Source of MTBE

Steel Underground Storage Tank - X
Fiberglass Underground Tank -
Aboveground Storage Tank -

Number of private drinking water wells impacted: 0
Number of public water supply wells impacted: 0
Number of private drinking water wells impacted: 0
Number of replacement wells drilled: 0
Number of water main extensions: 0

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  Piping                        - X                 Number of water main hookups: 0
  Source not identified         -                   Number of residences provided w/ bottled water: 0
  Other source                  -                   Number of people affected: 0

Indoor Air Impacts : No
Aquifer Impacts    : No

Ongoing remediation: No

Monitoring Frequency
  Monthly -          Quarterly -          Semi-annual -          Annual -          Other -

Remedial Action used
  No Action -

  Groundwater                                     Soil
    Pump and Treat        -                       Soil Vapor extraction       -
    Air sparging          -                       Excavation and disposal     -
    Bioreactor            -                       Bioremediation              -
    Natural attenuation   -                       Low temp thermal desorption -
    Oxygen injection      -                       Oxygen injection            -
    Biosparging           -                       Other                       -
    Dual phase extraction -
    Other                 -

Under investigation: Yes
Dept. of Health involvement: No
-------------------------------------------------------------------------------------------------------------------------------
Dept. of Health Remarks: No remarks given for this spill
-------------------------------------------------------------------------------------------------------------------------------
General Remarks: No remarks given for this spill
```

Map Identification Number 26 **HUDSON RIVER PARK** **Spill Number: 0102489** **Close Date:**

12TH AVE & 57TH ST MANHATTAN, NY TT-Id: 520A-0101-550

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1672 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: TWELFTH AN / W 57TH ST
Revised zip code: UNKNOWN

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	MARK GALLAGHER	Notifier Phone:	(212) 964-7888
Caller Name:	MARCUS SIMONS	Caller Agency:	AKRF	Caller Phone:	(212) 340-9790
DEC Investigator:	vszhune	Contact for more spill info:	MARCUS SIMONS	Contact Person Phone:	(212) 340-9790

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/05/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

PETROLEUM DISCOVERED DURING GEO TECHNICAL BORING NEAR BULK HEAD AT DEPTHS OF 4-6 FEET. WILL DRUM THE WASTE MATERIAL AND CONTINUE CLEANUP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO/SIGONA"
06/06/01 4:30pm: Zhao talked to Marcus Simons: The owner is Hudson River Park Trust (the State or City agency). Its address is 267-295 Greenwich Street, Manhattan, NY 10017. Tel# is (212)791-2530. There is no more drilling for the site. The project AKRF works on is Rt 9A DOT project. Vadim Brevdo, DEC HAZ Waste Section, worked on this project a few years ago with AKRF. AKRF geussed that the pollution came out from adjacent Con Edision Power Plant. Report will be sent to the Department.

06/06/2001 Reference to spill number 0102942 (closed due to duplicate calls)which reported on the same day.

11/21/05 Spoke to Marcus Simons of AKRF (646)388-9527. He said nothing has been done in this area since the contamination was discovered. He doesn't see anything happening here for quite awhile. - Rutland

9/7/06 - Austin - Assigned from Albany to Region 2 staff (Ketani) for review and closure - end

9/28/06 - Raphael Ketani.

An engineering firm was doing a geotechnical boring and discovered oil in the boring. They drummed the soil and cleaned up the oil. The oil was at 4' to 6' below grade. Nothing has happened since.

I tried calling Mr. Simons of AKRF (646) 388-9527, but could only leave a voice mail. His e-mail is msimons@akrf.com. I tried

calling Mark Gallagher of Langan Engineering at (212) 479-5400, but could only leave a voice mail. I contacted the Hudson River Park Trust at (212) 627-2020 and spoke to Laurie Silberfeld, Chief Counsel for the park.

Ms. Silberfeld said that there is a former Con Ed manufactured gas plant (MGP) site nearby. She said that someone from Albany DER was handling the case, but she didn't know who off-hand. She said to talk to Jane O'Connell, EG2 at Region 2 of DER.

I talked to Ms. O'Connell. She said that the MGP site is being handled by Albany DER, but 57th Street and 12th Avenue is 2 blocks south. She doesn't believe the oil there made its way from the MGP site. She said there is a facility that stored #6 oil at this location.

I received the following e-mail from Mr. Simons:

This northernmost part of Hudson River Park has not yet been built so nothing has happened yet in the vicinity of 57th St. There is a "permanent" Con Ed fuel oil barge with a bulkhead underground/aboveground pumping facility (connected to the power plant on the other side of the highway). It would be my strong suspicion that this is the source of the oil release. Some subsurface disturbance in the vicinity of this pumping facility will eventually be required, but that will be 2007 at the earliest.

AKRF is still involved in the project and will work with the Hudson River Park Trust once the design details are finalized to make sure construction in the vicinity addresses this release. Feel free to call me if you have additional questions.

Marcus

_____
Marcus Simons
Senior Vice President

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016
(P) 646 388-9527 | (F) 212 726-0942

9/29/06 - Raphael Ketani. I spoke to Mr. Simons. He said that AKRF is still involved, but the Hudson River Park Trust hasn't finished its designs for this part of the park and so no progress has been made on investigating the area further. However, he said there is a large fuel barge permanently moored at the pier at 57th Street. He said it serves as a large floating tank and pipes go from there through the ground to a Con Ed power plant. He said that the power plant serves the subway system. Mr. Simons added that many investigations and borings have been done at the site. He said that nothing will happen until, maybe, sometime in 2007. I asked him for a report concerning the borings that found oil and any other data he can give me. He said he will put something together.

Mr. Gallagher called me back and said that his company is not involved in the project.

1/11/07 - Raphael Ketani. I spoke to Mr. Simons. He said he had forgotten that I had requested documentation regarding the site. He said that nothing is happening and that things are still in the planning stage. He said that he will send me documentation in the next several days.

6/22/07 - Raphael Ketani. I tried to call Mr. Simons, but could only leave a message.

Axel Schwendt, assistant to Mr. Simons, called me back. He said that he didn't know what DEC was looking for in a report. He said that nothing is happening at the site as the Hudson River Park is still work on finishing park property that is south of the site. I told him to have Mr. Simons keep me posted as regards events at the site. He said he will.

10/23/07 - Raphael Ketani. I tried to contact Mr. Simons, but could only leave a voice message requesting an update regarding investigative activity at the site.

Mr. Schwendt returned my call. He said that nothing has happened at the site. He added that there are no plans to do construction at the site and dig up the area for at least 2 years. I told him that DEC is not going to wait even 1 year for the investigation to begin. I added that something has to start very soon. I told him to talk to Ms. Silberfeld and tell her that an investigation plan has to be submitted to DEC now. He said that he will talk to her.

10/24/07 - Raphael Ketani. I tried to contact Ms. Silberfeld, but could only leave a message.

Ms. Silberfeld called me. She said that the site is a Con Ed facility. She said that Con Ed has a barge and fueling facility at Pier 98 at 57th Street. She added that DOS stores its trucks at Pier 97, which is just south. She said that Pier 98 is about 6 blocks south of the MGP site, not 2 blocks. Ms. Silberfeld mentioned that once DOS moves its trucks to the other side of 12th Avenue during the coming spring and Hudson River Park is ready to construct, then both piers 97 and 98 will be demolished. Hudson River Park has a lease with Con Ed that expires in 2009 and the ending of the lease and the need to investigate the spill and construct the park will serve as leverage against Con Ed. The top 2 feet of the soil along 12th Avenue will be removed and the contamination investigation will take place in sync. with the park construction.

10/29/07 - Raphael Ketani. I made an unannounced site visit. I took pictures of pier 97 and pier 98 (pictures are in E-docs). Pier 97 is a parking and maintenance facility for DOS garbage trucks. Pier 98 is a pumping facility for Con Ed. Beyond this is another pier which is possibly pier 99. It is a DEP facility. Beyond this pier is a construction site.

8/18/08 - Raphael Ketani. The case is being prepared for transfer due to a case realignment within the unit. As no work is scheduled until 2009, the case manager should simply call the responsible party and see when this work is scheduled to take place.

Map Identification Number 27 **FEEDER M52** **Spill Number: 9901524** **Close Date:**
WEST 49TH ST NEW YORK, NY TT-Id: 520A-0265-174

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1757 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	BILLARDELLO	Notifier Phone:	
Caller Name:	FRANK MASSERIA	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/10/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	400.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

50 MILE FEEDER LINE IS MISSING 400 GAL IN THE LINE - LEAKING AT 50GAL PER HOUR - RUNS INTO WESTCHESTER COUNTY - NRC #483125

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
REFERED TO CON EDISON MONITOR FROM TIBBE.

5/10/99: ERT Masood Akbar - boat in water patrolling Harlem River (no oil seen). Feeder from W49 St SS to Sprain Brook. (CAE)

5/10/99: John Hegerty (Transmission Ops) - Checking manholes, PFT vans deployed 7 to 8 AM starting at 125th St/Broadway and going north and south (2 vans). (CAE)

5/11/99: Spoke to John Ryan (TO) - Con Ed believes they have found leak at 59th St/11th Ave. They found wood wedged against the feeder. (CAE)

5/12/99, 0354 AM: message from CIG Joe Devoti - leak clamped at 0300 hrs. (CAE)

5/12/99, 5:05 PM: message from CIG Rich Roach - total amount of dielectric fluid lost as of 1600 hrs today is 2365 gallons. (JHO)

5/18/99: met at site with Ray Turkin, Joe Floryshak. Excavation is approx 200 feet long between 58th and 59th St on 11th Ave. There is still contaminated soil at the leak location and south of it. Leak is about 75' south of the corner of 59th St IFO middle of garage bay of building at 550 W59th St (southern bay). There is a cement bottom in the excavation about 3' deep from about 10' south of leak to 59th St. All contaminated soil removed down to bottom. Told Ray & Joe (1) remove more contminated soil, (2) review subsurface drawings to try to understand if a well is feasible, and (3) call me to visit site when this is done. (CAE)

5/20/99: Con Ed has used guzzler to remove soil beyond concrete wall but started hitting obstructions at 3' down. Agreed to take sample and backfill. A well is infeasible because groundwater is at least 25' down (according to George Vassilev - MEG). They are going to take 6 samples: 1 each from the bottom, east and west walls for BTEX (grab) and df (composite).

7/11/00: Con Ed submits spill closure request, including report from MEG of soil sampling results. 3 soil samples collected - two results have high TPH. (JHO)

APPENDIX B SITE NO. 28.

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e2mis no. 124-751:

5/10/99 07:26

FROM MEASURING EQUIPMENT AT THE ENERGY CONTROL CENTER AT W.65 ST. IT HAS BEEN DETERMINED THAT TRANSMISSION FEEDER M52 THAT RUNS BETWEEN W.49TH ST SUBSTATION AND SPRAINBROOK SUBSTATION HAS LOST APPROX.00 GALS OF DIELECTRIC FLUID AT A RATE OF 50 GALS PER HOUR.

At 11:00 CGO reports all manholes in Bronx except 29558 have been checked - no leak found. At 11:15 TO crews report all Westchester

manholes have been checked and no leak was found. At 14:15 all Manhattan manholes have been checked except 61800. PFT van found highest barhole 50' s/o 59th St abd at 19:00 VNR began excavating. At 19:40 signs of fluid in soil found after pavement broken - excavation continues. 11-7 shift 5/11 excavation continues - trench is 25 feet long and no leak found (although there is still wet soil). Leak detection system oos - leak rate undeterminable. Pipe is resting on wood blocks on top of Amtrak tunnel. At 15:00 Amtrak reports that tunnel was checked and no fluid was found. Temp clamp installed at 02:00 on weep leak. Feeder returned to service at 03:19 5/12/99. Clean up of trench continues. No other leak found. Engineering inspection of pipes performed and areas of pipe and coating marked out for repair. On 5/14 temp clamp was removed from Fdr 52 and banding applied. Banding could not stop leak. Plidco clamp reinstalled and leak stopped. 220 style repair barrel installed over temp clamp. Permanent repairs completed 22:10 5/14. CSD reports that 2384 gallons of fluid were lost. Chem lab reports 99-04864 24.1 ppm benzene in fluid. Chem Lab reports 99-04863 0.87 ppm benzene is soil.

On 5/18/99 Chris Englehart (NYSDEC) and representatives from remediation met at leak location and discussed remediation. Addtional soil to be removed from area south of tunnel and well installed. Coating repairs in progress. On 5/20 Chris Englehart (NYSDEC), MEG geologist, Ray Turkin and Jerry Materazzo met at leak site. Allstate Power vac removed additional soil from trench
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and exposed concrete tunnel roof. Additional soil was also taken out south of tunnel. No well could be installed because of concrete tunnel and steel beams outside of tunnel wall. Additional samples taken by MEG geologist as per DEC recommendation. MEG geologist will write report. Permission

was given by DEC to backfill excavation. Allstate Power Vac removed total of 140 cubic yards of soil from leak site. Chem lab reports 99-04863 0.016 ppm TCLP benzene in soil.

Map Identification Number 28 **EXCAVATION** **Spill Number: 0504880** **Close Date:**
59TH STREET AND WEST END AVE MANHATTAN, NY TT-Id: 520A-0093-866

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1757 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 11TH AVE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERT DESK' - EXCAVATION	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	PETE MCGURIE	Notifier Phone:	(212) 580-6763
Caller Name:	PETE MCGURIE	Caller Agency:	CONED	Caller Phone:	(212) 580-6763
DEC Investigator:	RJFENG	Contact for more spill info:	ERT DESK'	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/21/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FOUND DURING EXCAVATION: UKNOWN WHERE IT IS COMING FROM: CONED # 159953. NO OT 5 QUESTIONS: STILL INVESTIGATING

DEC Investigator Remarks:

159953. Ken Collazo Supervisor in code 753 reported to R. Slote of Transmission Operations that during a code 753 mark out, he discovered oil in an excavation at the corner of 59th St. and West End Ave. He reports that there may be Transmission Operations manhole in the area and that this oil may have come from the feeder that impacted the sewer line indicated in e2mis report 159069. Trans Ops crew is being scheduled to go out to the location

to inspect any manhole in the area to help determine if the oil is coming from a Transmission Feeder pipe. Ken was directed to contact EHS Remediation as well as this could be a historic spill.
==========
ERT P. Walsh was spoken to about this incident. P. Walsh has a call into B. Cohen of EHS remediation to notify him of what was found. Trans Ops crews will be inspecting MH 60137 at the corner of 59th St. and West End Ave. on the 3-11 shift. The transmission feeders running through the MH is 38M73 and 38M74. This spill report will be closed once the inspection is completed and the feeders,are determined, to the extent possible, not to be leaking.
M. Pillig, 86856,7/22/05
==========

2/7/2012 - changed Lead DEC from Joe O'Connell to JFeng.

Map Identification Number 29 **FEEDER M51** **Spill Number: 0211840** **Close Date:**
W59TH ST/WEST END AVE MANHATTAN, NY TT-Id: 520A-0093-864

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1757 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 11TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR KESSLER	Notifier Phone:	(212) 580-6763
Caller Name:	PETE MAGUIRE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/01/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

345 kv transmission feeder that runs from manhattan to springbrook substation in yonkers, westchester - monitored by leak detection system - found to be low by 200 gallons - rate of 7.1 gal per hour- no ref # yet - nrc #638181

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

DEC Received NRC Report No. 638181.

Appendix B site no. 28.

3/18/03 Received post-ex results from Leon Paretsky. Nine samples returned above 10,000ppm for TPH (modified 8100). Benzene all <0.0033ppm.

15200ppm B-20 4’10"D
25100ppm EW-20 5’0" D
14000ppm B-23 4’9"D
29600ppm EW-23 4’5"D
63100ppm B-25 3’11"D
68400ppm EW-25 4’6"D
28400ppm B-30 4’6"D
10700ppm B-35 3’6"D
13200ppm B-40 3’0"D

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On 3/3/03, freezes were tested and pipe section drained. 19' section of 5" pipe was cut and removed. As of 0400hrs 3/4/03, welding and pressure testing was complete.

On 3/3/03 Clean Harbors removed 20cu yrds of material under manifest CTF1124204 and 1 cu yrd under CTF1112092.

On 3/5/03 Clean Harbors removed 25cu yrds of material under CTF1124203.

Sampling was conducted on 3/7/03 by Jacques Whitford. Results received on 3/14/03. LSN 03-01892. Soil concentration samples were analyzed by EPA modified method 8100 and TCLP benzene. A sample of dielectric fluid was obtained from the feeder and used as a standard.

3/14/03 Dielectric fluid loss has been calculated as 611 gallons.

Map Identification Number 30 **AMTRAK RAILS** **Spill Number: 9614392** **Close Date:**
46TH AT 10TH AVE MANHATTAN, NY TT-Id: 520A-0090-561

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1799 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: W 46TH ST / 10TH AVE
Revised zip code: 10036

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	STEPHEN FEINBERG - GRAYLINE AIRSHUTTLE	Spiller Phone:	(212) 757-7712
Notifier Type:	Affected Persons	Notifier Name:	RICHARD MOHLENHOFF	Notifier Phone:	(212) 630-6215
Caller Name:	RICHARD MOHLENHOFF	Caller Agency:	AMTRACK	Caller Phone:	(212) 630-6215
DEC Investigator:	VXBREVDO	Contact for more spill info:	ABOVE	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/12/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL SEEPING THROUGH GRANITE WALL ONTO TRACK AREA REQ CALL BACK TO ABOVE CALLER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
DEC MONITORING SITUATION, AND REQ'D TIGHTNESS TESTING AT ADJACENT BLDG.

06/16/06: This spill is transferred from Mike Mulqueen to Mr. Koon Tang.

Map Identification Number 31 **PIER 98 /59TH ST** **Spill Number: 1007364** **Close Date:**
59TH ST MANHATTAN, NY TT-Id: 520A-0257-016

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 2003 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	mxferoze	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Investigation indicates there was no spill.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/08/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

sheen in boom area, past problem at this location resulted in spill 1006905 being generated. Contained, investigation/ clean up pending

DEC Investigator Remarks:

emis 223528. see spill 1006905 .

Map Identification Number 32 **SOIL** **Spill Number: 0907945** **Close Date:**
246-252 WEST 61ST ST MANHATTEN, NY TT-Id: 520A-0233-939

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2181 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	vszhune	Contact for more spill info:	JASON HAYES	Contact Person Phone:	(212) 479-5427

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/14/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL, GROUNDWATER

Caller Remarks:

Found historical spill site. Client Aberham Heschel School.

DEC Investigator Remarks:

10/14/09- Zhune spoke to Jason Hayes from Langing Engeneering 212-479-5427. left message.

10/15/09- Jason Hayes called and said they are going to built a school at this site. Right now there is a parking lot and a auto shop. They will plan to take down the building and develop the site as a school. The site is E designated overseen by the Mayor Office of Environmental Remediation (OER).

Langang Engeneering is doing Phase II and found historical spill at the site. They will send the report to DEC with a remedial action plan on November.

12/02/09- zhune. Jason Hayer called to say that they are internally reviewing the report. they expect to have the Remedial Plan ready for submission to the DEC in two to three weeks.

Map Identification Number 33 **NEY YORK PUBLIC LIBRARY** **Spill Number: 1103225** **Close Date:**
521 WEST 43 ST NEW YORK, NY TT-Id: 520A-0263-360

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2345 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 521 W 43RD ST
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	vszhune	Contact for more spill info:	GREGG SHKUDA	Contact Person Phone:	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/11/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
CRUDE OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

lab results show contamination

DEC Investigator Remarks:

06/29/11-Zhune spoke to Greeg Shkuda from ERM 631-756-8947. Site is a NYC public library annex. Library is not in used (not allow people there). During Phase II investigation 20 soil borings were installed. Crude oil (unrefined oil) was found in one of the soil borings. The Forensic analysis results are going to be send to the Department.

Charles Guder from TRC Engineer Inc. emailed the Phase I and phase II for the proposed primary/intermediate and high school located at 521 west 43rd street.

The site is being considered for use as a new primary/intermediate public school and high school. The site is currently developed with a six story document storage building, with a basement owned by the New York Public Library. The existing six-story building will be converted to a seven-story school building for develponment of the school and the foundation is planned to remain in placed.

Phase I.- It was performed by TRC Engineers Inc. on September 21,2010. The following recognized conditions (RECs) were identified in the phase I:

1.-Several structures were present on the Site prior to construction of the existing building. As a result, historic fill

material from demolition of the prior structures may be beneath the site.

2.-The historic use of the site for varnish and machinery storage; a garage with one 550 -gallon gasoline UST; machinery, lighting, and drug and phermaceutical companies; a printing press; a motor repair shop; and, other manufacturing operations.

3.- There are Two (2) # 2 fuel oil aboveground storage tanks on the Site, a 10,000-gallon AST and a 1,400 gallon AST. Oil stannning was observed associated with the 10,000-gallon AST, the fill line for the 10,000-gallon AST was recently replaced, a tird vent line was observed outside the building along west 44th street and the condition and location of the 1,400-galon #2 fuel oil tank is unknown.

4.-Stanning was observed on the building surface including the basement floor, presumably associated with leak from building equipment (i.e potential petroleum product).

5.- The Site is a generator of hazardous wastes, including fluorescent light bulb crushing operations, and is listed in the Resource Conservation and Recovery Information System Generator/ Transporters (RCRIS Gen/Trans) database as a small quantity generator (SQG) (NYR000105007)

Phase II.- It was performed by TRC Engineer Inc. on july 21, 2010. Included the installation of five(5) sub -slab vapor samples were collected and analyzed for VOc's. Petroleum and clorinated solvent compounds were detected at concentrations exceeding the standards
The concentration of PCE in samples TRC-SG3 and TRC-SG5 exceeded the correspomding AGV of 100 ug/m3 at concetrations of 490ug/m3 and 570ug/m3 respectively. The concentration of TCE in two samples TRC-SG3 and TRC-SG5 exceeded the corresponding AGV of 5 ug/m3 at concentrations of 150ug/m3 and 400ug/m3 repectively.

Eighteen soil borings were advanced in the site building and sidewalk and a total of 17 soil samples were collected and submitted for laboratory analysis. There was no evidence of contamination observed in the analytical data from the samples collected from the soil borings with the exception of observations of petroleum impacts (elevated PID readings, petroleum odors, staining, in samples collected from soil borings TRC-SB1, TRC-SB4, TRC-SB9, TRC-SB12 and TRC-SB13. In adition, Light Non-Aquos Phase Liquid (LNAPL) was identified on groundwater (perched water above bedrock) at boring location TRC-SB1.

A sample of the LNAPL was collected on March 1, 2011 and submitted to the laboratory for fingerprint analysis. The results of the fingerprint analysis performed on the LNAPL collected from TRC-SB1 exhibit characteristics of an unknown motor oil an also a non-calibrated fuel type.

Two bedrock groundwater monitoring wells were installed in the sidewalks outside the site building. Two (2) groundwater samples representative of the bedrock aquifer were collected from each monitoring well. There were no VOC's, SVOC's, metals, cyanide, PCBs or pecticides detected above the Class GA Values in groundwater collected from the bedrock aquifer.

Five metals (arsenic, cadmium, total cadmium, lead and mercury) were detected at concentration greater than unrestricted Use SCOs in three (3) soil samples;

TRC-SB2 (Arsenic: 29.8mg/kg, cadmium: 13.3mg/kg, Total Cadmium: 143mg/kg.
TRC-SB4 (Total Chromium; 143mg/kg, Lead: 106mg/kg, Mercury: 0.383).
TRC-SB6 (Total Chromium: 33.1mg/kg.

02/07/12 Mike Hughes is going to meet with Down Hetrick and Joseph Crua to decide whether they want formal plan for the "geo vent".

02/07/12- J. Vought and Zhune called Lee Guterman to inform her about curent situation. Lee noticed concerns about confirmation of vapor mitigation, Indoor, ambient sampling, or pressure field extennsion measurements.

Map Identification Number 34 **UPS** **Spill Number: 9210040** **Close Date:**
643 WEST 43RD STREET MANHATTAN, NY TT-Id: 520A-0093-852

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2457 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10036

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	BOB ESPERTO	Caller Agency:	UNITED PARCEL SERVICE	Caller Phone:	(212) 631-6444
DEC Investigator:	SFRAHMAN	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/30/1992		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	385.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DISCOVERED 1200 GALS #4 FUEL ON CONCRETE LEAKING INTO GETTING CLEANUP CONTRACTOR ,PLEASE CALL U.P.S. AS SOON AS POSSIBLE,UPS

MAINT TO INVESTWILL EXCAVATE AND REPAIR

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
TRASFERED FROM SULLIVAN TO TIBBE.

6/5/07-Matthew Klaas (Albany DER)
-Upon review of all paperwork in the file, it appears the spill is much smaller than it was originally believed. The tank diameter was listed incorrectly which caused too large a volume to be reported.
-483 gallons of fuel oil were released and 165 gallons were recovered, leaving a loss of 318 gallons of fuel oil.

6/6/07-Matthew Klaas (Albany DER)
-Attemted to contact Bob Esperto at UPS at 212-631-6364. He is no longer working at the site, however I was refered to a new contact. Dominick Casamassina at 212-631-6364.
-They do not have reports at their site dating back to 1992. Since the spill the site has been filled and there has been no report of odor, product, or further spills.
-Attempted to contact Christopher J. Kopley of Environmental Science Services at 203-221-2753, the company who did the tank assessment to try and identify if they did any work besisdes re-evaluating the tank. The number is no longer valid, and have no further way to contact anyone from ESS.

6/11/07-Matthew Klaas (Albany DER)
-Drafted a letter to UPS facility at the listed address requesting information regarding the spill site indicating that we got record of the tank calibration, but have nothing about the cleanup of the site.

08/06/07: Received call from Julie Straub, UPS Corporate (404) 828-8991. They are checking archives and ESS records for information about cleanup of spill, will get back to us. Martin Brand DER Albany.

3/31/09 - Austin - Transferred from Needs Reassignment to Rahman for further work to remeidate and close - end

06/16/10 Performed site visit today.The site has two 15,000 gallon UST (non active)and two 4,000 gallon diesel and gasoline USTs(active).They plan to close those two USTs after subsurface investigation around the tank to ascertain that no contamination exist at the site due to usage of the tanks. UPS rep at the site: Dominick Casamassina, UPS, 643 W 43rd Street,NY, NY 10036, attn: 5th Floor, Plant Engineering.Currently, they are in the bidding process.(sr)

01/06/12 I spoke with Dominic. He told me that they plan to abandone the tank in 2013.I said we can’t wait that long. Tank area should be investigated for any possible release from the tank.He will get back to me in two weeks.(sr)

ACTIVE HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 35 **W 54TH ST & 11TH AVE** **Spill Number: 8905000** **Close Date:**
W 54TH ST / 11TH AVE MANHATTAN, NY TT-Id: 520A-0096-179

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 492 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	WILL STEPHEN	Caller Agency:	NYCDEP	Caller Phone:	(212) 566-1235
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/20/1989		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	400.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

NYCPD & NYCFD ON SCENE, OIL GOING INTO SEWER SYSTEM.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

08/20/89: AAA HIRED & PUT SWEEP INTO SEWER.

11/15/94: REASSIGNED FROM SIGONA TO ENGELHARDT.

APPENDIX B SITE NO. 28. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.

Map Identification Number 36 **11TH AVE & W 49TH ST** **Spill Number: 9113335** **Close Date:**
11TH AVE & W 49TH ST MANHATTAN, NY TT-Id: 520A-0093-819

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 968 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/06/1991		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	5000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 19

Map Identification Number 37 **11TH AVE & W 49TH ST** **Spill Number: 8810179** **Close Date:**
11TH AVE & W 49TH ST MANHATTAN, NY TT-Id: 520A-0093-818

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 968 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/21/1989		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	6700	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO 19.

Map Identification Number 38 **CBS BROADCASTING** **Spill Number: 0403162** **Close Date:**
857 10TH AV MANHATTAN, NY TT-Id: 520A-0093-862

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1150 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ROGER ROMANCE - METRO GROUP	Spiller Phone:	(718) 383-1400
Notifier Type:	Responsible Party	Notifier Name:	SAM OFSHINSKY	Notifier Phone:	(212) 975-8143
Caller Name:	MICHAEL BORELLO	Caller Agency:	AMBIENT GROUP	Caller Phone:	(516) 671-2370 ext. 3
DEC Investigator:	JAKOLLEE	Contact for more spill info:	SAM OFSHINSKY	Contact Person Phone:	(212) 975-8143

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/19/2004		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1000	GALLONS	1000	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
6/22/04. J.Krimgold at site. According to delivery slip actual amount spilled ~6000 gal. Oil delivery Co. Metro Fuel Group delivered oil to wrong (1000 gal) tank instead of to 15,000-gal tank system. Oil released through top of tank, spilled in basement on concrete floor. Some oil went to drains in floor. Action Envt'l (contact Tod @973-896-6185) performing clean up.

Ambient Group (Mike Borello cell # 917-376-4179) was hired by CBS as envt'l consuling firm.

6/29/04. J.Krimgold met at site with Paul Puccio (CBS), Mike Borello (Ambient), and Tod (Active Env.). Inspected buildings' basements adjacent to 857 10th Ave and also owned by CBS. Found oil seepages into buildings ~50 and 100 ft respectively from place where release occurred. Oil and water accumulation in pits installed by contractor in basements floor.

12/22/05: This spill transferred from J. Krimgold to S. Kraszewski. Reviewed Remedial Action Monitoring Plan prepared by Ambient Group, Inc. dated 6/23/05. Report is conglomeration of remedial work performed at site from day spill occurred to above-mentioned date. Based on data, conclusions and recommendations are proposed for AOCs (Areas of Concern.)

AOC #1: Basement of CBS building where spill occured. 3 feet of contaminated soil were removed immediately after spill for majority of basement floor; approx 200 tons soil removed. 22 soil borings were advanced in basement to delineate and monitor plume. Free product and GW measurements were taken to determine thickness of product and GW levels. Also, 3 monitoring wells were installed around building exterior to monitor possible free product migration. Borings in basement were converted to total Fluid Recovery wells and would eventually work in tandem with an enhanced fluid recovery system. Initial recovery system involved extracing GW + product from borings to an oil/water separator. Soon after this system was functional, an SVE system was installed to remediate soil. Both systems have been operational since late 2004. Data in report is given as Total Recovery Trend for both

systems combined. Data start from Sept 2004 and end in Feb 2005. Overall trend is a decline in product recovery from contaminated wells. Only a handful of 22 wells are still recovering product or vapors, and even fewer recover significant amounts. Proposed action is quarterly monitoring.

AOC #2: Adjacent building sub-basement had free product/water seeping through wall at approx 600 gallons/day. Series of wall drains connected to GW pump collect GW for treatment. Borings and MWs not possible in this location. Summary of system will be provided in separate rpt.

AOC #3: Free product migration into sub-basement of nearby building (not adjacent to original spill area.) Free product is migrating through preferential pathways between buildings. Walls are rubble-masonry foundations with a history of GW infiltration. 5 MWs have been installed and quarterly monitoring is recommended.

Need: report for Recovery System at AOC #2, monitoring updates for AOCs #1 and #3 - SK

12/22/05: Called Michael Borello at Ambient Group. He no longer works for them. I was transfered to Gloria, she would find out info about site and have someone contact me. - SK

12/22/05: John Mascioli from Ambient Group called regarding spill. I requested any recent documents and monitoring reports he had. Also, Remedial Action Monitoring Plan from June 2005 is missing two figures dealing with MWs at AOC #3. He said they've been monitoring monthly since May for AOCs #1, #2 and #3. They are renewing permit for AOC #2 oil/water separator next week and he will send me document along with missing figures and recent monitoring report. John mentioned that monitoring data for AOC #1 is inconclusive for many wells. - SK

01/09/06: Called John Mascioli at Ambient Group, asking about site update report supposedly due last week. John said he is waiting for lab to send him some final results before he can send out report. He expects it to be complete this week. - SK

01/30/06: Joseph Holtzberg from Ambient called (917-861-7238) to inform me about site. He wanted to know what information I need to simplify scenario. I said I was still waiting for recovery system update and monitoring data I talked to Jon Mascioli about. They're almost finished with report and will send it very soon, he said. Also, he would like to have a meeting after I have reviewed report to hammer out a time frame for site activity. I told Joseph I would contact him after I had looked over report. - SK

02/02/06: Received documents from Ambient Group. Reviewed Volatile BTEX Air Sampling Results for two SVE systems at 857 10th Ave. Influent and effluent samples since Sept are clean. It appears SVE systems have performed well for extracting petroleum. However, regarding liquid extraction for these wells, no data exists from Feb. 2005 to present. Must have MW and liquid phase extraction data for this system. Received document with latest oil/water separator effluent results for 513 West 56th St., adjacent to CBS basement. Three separate effluent removals show consistent amounts of oil and water, roughly 1/3 of liquid is oil, rest is water and silt. Attached is request for one-year extension of discharge permit. Permit is issued by DEP; DEC does not regulate discharge into sewer. Since amount of oil recovered is constant this seems like plausible request. Continue operation of system until discharge slows or oil is no longer present in effluent. Currently, no seepage is occuring for 518 West 56th St., 3rd area of concern determined in June 2005 Site Investigation Rpt. After in-wall drain tap collector at 513 was installed, seepage through 518 basically ceased. It seems that collector is taking care of both sites. I spoke with Joseph after reviewing documents. I asked for MW measurements and records for liquid phase extraction data. He said information will be sent out as soon as he can arrange it. - SK

02/22/06: Reviewed Jan. 2006 Quarterly GW Monitoring Rpt submitted by Ambient Group. Static water level measurements were performed for 5 MWs, both on- and off-site. Also, static level measurements were taken in 24 soil vapor extraction wells. Results are as follows:

1) Only MW-5 in CBS courtyard exhibited free product, 0.25" in depth. GW samples taken from each well revealed dissolved contamination exceeding GW standards for VOCs and SVOCs including BTEX and MTBE for MW-5 only.

2)Five of 24 recovery wells in CBS basement exhibited free product from 1 to 8 inches thick.

3)Approx. 2 feet of silt is present in each recovery well, reducing efficiency significantly.

Ambient recommends:

a)Continued quarterly monitoring of 5 MWs.
b)Removal of silt accumulations in recovery wells, purging of wells and then additional static water level measurements.
c)Increase frequency of free product removal from recovery wells.
d)Continued operation of wall drain tap and oil/water separator in adjacent building.
e)Evaluate capacity loss from 24 vapor extraction wells.
f)Perform a survey of GW flow to determine its direction.

Site plan does not show locations of 5 MWs, only a CBS basement diagram is provided showing extraction wells. Also, report uses terms "extraction well" and "recovery well" synonymously. Ambient must clarify these issues. - SK

02/23/06: S. Kraszewski spoke with John Mascioli from Ambient Group.

CBS contact info: Alan Krupski
CBS Braodcast Center
527 West 57th Street
New York, NY 10019

We clarified information regarding fluid extraction system and SVE system. Apparently, it’s a dual-phase recovery system where a drop tube inside PVC recovers total fluids which are then pumped into an oil/water separator for collection and removal. Each of 22 SVE recovery wells contains a drop tube for fluid recovery. Also, in latest rpt it was observed that MW-5 contained product where it previously had none. Since updated site plan was not available with MW locations, it was possible that contamination was spreading. However, MW-5 is located next to adjacent basement where a wall drain tap is installed and already collecting fuel oil. Since contamination is known to be there, no cause for alarm is necessary. - SK

02/27/06: Two letters sent out, one addressing SVE systems and requesting addt’l air sampling & analysis of all petroleum-related VOCs, not just BTEX. This rpt is due by March 30. Other letter approves Ambient’s recommendations for continued operation of fluid extraction system. They also will perform required maintenance on extraction wells and keep wall drain taps with oil/water separator in service. GW flow direction will be recalculated. Comprehensive site plan that includes all wells with 2 basement systems was requested in next quarterly rpt. - SK

04/05/06: Spoke with Joe Holtzberg and John Mascioli. Within a week or two, more well readings and air sampling from two systems. By mid-April sampling and gauging work will be underway. Also, Joe and John stressed their client's concerns about how long this work could last because this persistent contamination may be migrating from off-site. I said it will be easier to make a determination after these results arrive at my desk, and the faster I receive them the faster they will have an answer. - SK

06/22/06: Received email from Sean Wallace at Ambient Group, new project manager for site. Email included influent and effluent air sample results from SVE system. Results are clean for both influent and effluent. I called Sean and asked if I could receive entire report, not just pieces. He will mail me a copy of report and fax me rest of results, i.e. GW analyticals, gauging and product thicknesses. GW results show some elevated SVOCs and VOCs in MW-5 as well as 0.4 feet of product. Several other wells exhibit 0.1 to 0.2 feet of free product. MW-5 is located next to adjacent building where a passive recovery system consisting of wall taps to drain oil is already installed. - SK

06/26/06: Received & reviewed April 2006 Quarterly GW Monitoring Rpt from Ambient Group. Influent and effluent air sampling results from both SVE systems found no VOCs above detection limits. Since no VOCs were detected from extraction wells, system may have removed all it is capable of removing. 5 recovery wells exhibited 0.1 to 0.2 feet of remaining free product. MW-5 had 0.4 feet of free product, but is next to wall drain tap, which is currently recovering product. Also, MW-5 detected MTBE, not found in diesel, slightly above TOGS standards. Samples from MWs 1 to 4 had no VOCs or SVOCs detected. MWs 1 to 3 are located outside along building perimeter. Ambient recommends continued monitoring and sampling of all wells and SVE emissions, free product removal and pulsing of multiphase system. - SK

06/30/06: Spoke with Sean Wallace regarding report. I asked that they always include a site plan displaying entire site, with neighboring streets and other adjacent buildings, plus all MWs, borings and recovery systems. I asked about drain tap system in adjacent basement, and Sean said it is recovering less and less. I asked for manifests of recovered fluids and he said he would get them to me quickly. Also, I told Sean that since SVE system is not recovering any volatiles next course of action would be to shut it down rather than running it and monitoring. I discussed conversation and report with J. Kolleeny. He recommended asking Sean to shut down parts of system that are no longer recovering free product. I sent Sean an Email approval for recommendations in report. - SK

08/07/06: SK met on-site with Sean Wallace from Ambient group (212-944-4615) and with Alan Krupski from CBS. Having never been on-site before, I wanted to inspect SVE systems and wall drain-tap system. Effluent from both SVE systems reveals no VOC consituents in air. Ambient is proposing to shut down only one system, SVE2. Ambient will pulse system to see if conditions change at equilibrium. This system runs vertically in each well located in basement. SVE1 will remain on for now in case any odors may appear. Several wells exhibit free product of an inch or less, so they will continue to recover from them. Wall drain tap is still recovering an oil/water mixture because it seems that bedrock forms a depression along basement wall where oil has settled. Only about 10% of mixture is actually oil. I requested that Ambient submit a recommendation for futher action regarding operation of systems, especially SVE2. Report is due by end of August. - SK

08/31/06: Received July 2006 Quarterly GW Monitoring Report from Ambient Group. Influent and effluent samples from SVE2 show no VOCs or SVOCs detected. GW samples from perimeter MWs reveal no SVOCs or VOCs above TOGS levels. Several recovery wells still exhibit several inches of free product. Ambient recommends continued removal of free product, use of wall drain tap system and O&M of horizontal system SVE1. SVE2 will undergo a pulse test in conjunction with monitoring of all wells to see if system may have an impact on GW; monitoring and sampling of MWs may continue based on results of pulse test. SK sent out approval letter for all recommendations. - SK

12/01/2006 - Sean Wallace (Ambient Group) called, asked that project be reassigned due to SK's departure from DEC. They believe remedy is done and are looking to turn system off. I (Vadim Brevdo) suggested they prepare & submit final remediation rpt, which should be consistent with DER-10, and we will review and decide whether remedy is completed or must go on. I committed to discussing this with my staff and having project re-assgined to other P.M.

12/05/06: This spill case transferred from S. Kraszewski to J. Kolleeny. Spoke with Sean Wallace of Ambient Group. He said pulsing of SVE system has not increased recovery; also, several wells still have a little free product (0.01-0.02 ft.) that does not seem to be going away, they may consider other options including bioremediation. They are not asking for spill closure yet, but will submit rpt presenting current site status and asking for permanent shutdown of SVE system. - J. Kolleeny

12/14/06: Received email from Sean Wallace (Ambient Grp.) with attached rpt summarizing pulse test of SVE2 system (in eDocs, rpt has no title page, no Fig. 1). Email stated: "Here is latest rpt for project, concerning pulse test of SVE 2 system, which we call horizontal system. 22 basement wells are hooked up to SVE system. At start of project, most wells had some free product (8/2004). By 8/2006 only 3 wells (deepest wells) had any product, and after we pumped those out, levels never came back above 0.02 ft. This is when we did shutdown monitoring. Sep-Oct 2006. I'm still collating all previous quarterly rpts along with intial rpts on remediation. Jan 2007 is next scheduled Quarterly; we'd like to make it last one. We will be collecting GW samples, air samples from SVE1 (vapor control system - vertical piping system under new concrete floor) and water & free product levels to demonstrate current conditions are not health concern. We are suggesting that at this point, to attack remaining fuel, bioremediation will be most effective, if further action is called for." - J. Kolleeny

12/28/07: Received email from Sean Wallace of Ambient Grp. stating: "We are planning shutdown test of vapor control system at 857 10th Ave (CBS Spill # 04-03162). Purpose is to determine if there will be detectable odor or measuarable VOCs in basement area or upper floors if this system is not operating. Plan is to monitor over a weekend. Thus, system would be off for 2-3 days. Would DEC require test to cover longer period of time? This is our main question at this point. As discussed previously, there is no more free product in observation wells. System in place now is installed under new concrete floor poured after excavation of top few feet of contaminated soil. There is gravel bed laying over plastic membrane. Horizontal piping leads to carbon bed filter. Inlet and outlet sampling of this system has come back non-detect since April 2006." I sent email reply: "It would be preferable to wait 5 to 7 days to see if odor problems or detectable levels of VOCs develop in building. Please let me know if this is acceptable. Also, is there any residual dissolved-phase GW contamination at site, since free product seems to have been taken care of? (Is GW sampling being performed on regular basis?)" Sean sent reply: "We will take your suggestion to CBS. They definitely want to do things in most acceptable manner, so we will plan for week-long monitoring event. Last GW sample was taken during July '06 Quarterly Monitoring. Method 8270 showed Acenaphthene and Fluorene at 2.5 ug/L and phenanthrene at 0.96 ug/L (D.L. 5.2 ug/L) in only one of monitoring wells in interior courtyard. Method 8260 showed MTBE at 5 ug/L (not additive in fuel #2) and n-butylbenzene and tert-butylbenzene around 2.5 ug/L (D.L. 1.0 ug/L). Perimeter wells were non-detect. We will take samples again for January event." - J. Kolleeny

03/20/07: Reviewed January 2007 Quarterly Monitoring Report (in eDocs). Report shows no contam in monitoring wells MW-1 through MW-5 (perimeter & courtyard wells), but low levels of dissolved VOCs (highest are MTBE at 139 ppb and naphthalene at 51 ppb) in several basement wells located near 3 basement wells that still have small amounts of product (from 0.02 ft. to 0.1 ft.); also VOCs in oil/water separator influent, including 169 ppb naphthalene, 122 ppb 1,2,4-trimethylbenzene, and 47 ppb total xylenes, but effluent to sewer is within limits. Influent and effluent air samples for vapor control system SVE1 all ND. Report recommends pulsing SVE1 system to determine if vapor control is still necessary, reducing GW monitoring frequency from quarterly to semi-annual, and continuing to operate perimeter wall drain tap and oil/water separator system until inlet concentrations of target compounds allow direct discharge to sewer. I sent email approving these recommendations to Sean Wallace of Ambient Group

on 3/20/07, with cc to Allan Krupski of CBS (212-975-2689, awkrupski@cbs.com), asking that basement wells be monitored in addition to perimeter/courtyard wells. Also asked that SVE1 pulse test include indoor air sampling for specific hydrocarbon compounds, that system influent sample be collected when system is re-started, and that scope of work for indoor air sampling be submitted to DEC when available. Changed spill status from P3 to P2. - J. Kolleeny

04/24/07: Received email from Sean Wallace of Ambient Group on 4/19/07, with attached proposed protocol for shutdown test of SVE-1 system with concurrent indoor air monitoring for VOCs (in eDocs), to be performed week of 4/23-27/07. Sent Sean an email asking if this document was for me to review/approve before they do the test; he sent reply stating it was sent to me for information purposes only and that it addressed all concerns I expressed in our phone conversation several weeks ago. - J. Kolleeny

07/09/07: Received June 2007 SVE1 Shutdown Test Results rpt by Ambient Group on 6/14/07 (in eDocs). Rpt presents results of indoor air monitoring for total VOCs during 10 days system was shut down, and results of vapor influent grab sample from when system was re-started. According to Ambient, TVOCs detected in indoor air were not above naturally varying background levels. Rpt lacks conclusions & recommendations sections. Spoke with Sean Wallace of Ambient on 7/9/07 and pointed out lack of Conclusions and Recs, and asked for clearer presentation of indoor air results. He said he would revise rpt and re-send. He also said no odors were detected in work spaces of bldg while system was shut down. - J. Kolleeny

09/07/07: Received email from Sean Wallace of Ambient on 9/4/07, with attached SVE1 Shutdown Test Results report revised as of 9/4/07 (in eDocs): "Revised report on shutdown test of SVE system. Revisions include 2nd graph of real-time TVOC response with outside air monitoring point included. Site map with sampling locations noted (in pdf with comments). Conclusions section added to body of report. On side note, NYCDEP sewage discharge parameters do not include any SVOCs. As part of recent bi-annual monitoring required for this project, we took grab sample of GW coming into Oil Water Separator unit. This is untreated GW that after separation is discharged to sanitary sewer. There were no VOCs above detection limits. I am assuming that even if all parameters on list were passing quality, presence of SVOCs would still prohibit direct discharge to sewer? We will have monitoring report to you shortly." I spoke with Sean and said I don't think there are DEP discharge limits for specific SVOCs, but he should check with DEP. On 9/7/07, I completed review of revised report, which concluded that residual soil contamination poses no threat to human health via vapor migration into occupied spaces and recommended discontinuing operation of SVE1 system. I issued letter (in eDocs) to Alan Krupski of CBS (cc to Sean Wallace) approving this recommendation, and noting that sampling & gauging of monitoring wells for dissolved-phase contam and product, and operation of perimeter wall tap drains and oil/water separator should continue. - J. Kolleeny

06/06/08: Reviewed Aug.'07 and Feb.'08 Semi-Annual Monitoring Rpts by Ambient Grp. (in eDocs). Aug.'07 rpt presents results of GW sampling done 8/16/07, showing low to moderate levels of VOCs in some wells (including MTBE up to 195 ug/L), and moderate levels of some SVOCs in influent to oil-water separator. Well gauging shows measurable product in only 1 well, B5, at 0.01 to 0.02 ft. Report recommends continuing operation of perimeter wall drain tap & oil-water separator system in basement of 513 W. 56th St. bldg until influent concentrations of target compounds allow direct discharge to sewer, and continuing semi-annual product level gauging and GW sampling of basement and perimeter wells. Feb. '08 rpt presents GW sample results for 2/8/08, showing some increases in dissolved contam levels in number of wells; product detected in 2 wells - B5 at 0.02 ft. and B9 at 0.1 ft. Sample of influent to oil-water separator showed almost no contaminants detected, with 11.35 ug/L total VOCs, and 4.84 mg/L TPH. Report recommends continuing semi-annual product gauging and GW sampling, and notes that continued operation of perimeter wall drain tap & oil-water separator system may not be necessary and may be able to be shutdown or replaced with an alternative device more appropriate for existing conditions. On April 28, 2008, Sean Wallace of Ambient Grp sent me an email asking for response to Feb. '08 report; I replied that report didn't actually make a proposal requiring approval/disapproval. Therefore, Ambient prepared and

submitted report called: "Request for Cessation of Groundwater Treatment Portion of Remediation Activity at...[site address]," dated 5/7/08 (in eDocs). I reviewed report, noted that although influent to oil-water sep had no significant VOCs for last two samples, in Feb. and March '08, SVOCs were not analyzed in Mar.'08 sample and had only one event with no detections (in Feb.'08; SVOCs were also not analyzed in Nov. '07 sample, and Aug. '07 sample had SVOC exceedances). I sent email to Sean Wallace: "I've been reviewing Request for Cessation of GW Treatment...etc., dated 5/7/08 and I noticed in table presenting results of samples of untreated GW entering oil-water separator, that samples were not analyzed for SVOCs during Nov. '07 and Mar. '08 sampling events. Sample collected in Feb. '08 was analyzed for SVOCs, results were below detection limits. I request that another sample of system influent be collected & analyzed for VOCs and SVOCs, to provide another data point and confirm absence of contamination in GW collected by perimeter wall drain tap system, before issuing approval to discontinue operation of that system. Please let me know if this request can be accomodated." Sean sent reply saying they will collect sample next week. - J. Kolleeny

06/30/08: Received pdf of Request for Cessation of Groundwater Treatment Portion of Remediation Activity report, revised June 25, 2008, from Sean Wallace of Ambient Group (212-944-4615) via email on 6/25/08 (in eDocs), got hard copy on 6/27/08. Report is same as May '08 report except now has data for influent sample to oil-water separator for 6/4/08 showing all VOCs and SVOCs below detection limits, with mentions of new data in text. I sent letter (in eDocs) approving request to discontinue operation of perimeter wall drain tap and oil-water separator system by email and regular mail to Thomas Guzzi (tjguzzi@cbs.com) of CBS (replaced Alan Krupski), with email cc to Sean Wallace. - J. Kolleeny

11/10/08: Received hard copy of Sept. 2008 Semi-Annual Mon Rpt by Ambient Group, dated Oct. 23, 2008 (in eDocs). Rpt notes that Sept. '08 sampling event show some increases in dissolved-phase contam in basement wells, and states that compounds detected and their ratios are more indicative of gasoline than diesel/heating oil; however, I note that highest compound in each sample was naphthalene. Four basement wells had measurable free product, up to 0.18 ft. Rpt recommends continuing with semi-annual product gauging and GW sampling. - J. Kolleeny

10/28/09: Completed review of April 2009 Semi-Annual Mon Rpt by Ambient Group, dated June 24, 2009, hard copy received on July 13, 2009 (in eDocs). Rpt recommends cutting back semi-annual GW and product monitoring schedule to annual, but I noticed that 0.6 ft. of product was detected an outdoor well (C2, aka MW5). I called Sean Wallace of Ambient on 10/27/09, said I'd like GW monitoring to continue semi-annually, and that I wanted free product removed by vac truck and wells gauged more often for product. Also asked that future rpts have historic GW and product thickness data (instead of only for most recent event as this rpt had). Sean agreed, and also sent table with historic and most recent product data (in eDocs). On 10/28/09 I sent email (in eDocs) to Thomas Guzzi of CBS, cc's to Bill Grieco of CBS and Sean Wallace of Ambient: "I have completed review of April '09 Semi-Annual Mon Rpt by Ambient Group dated June 24,'09, received by DEC on July 13, '09. Rpt recommends change in frequency of GW sampling at site from semi-annual (i.e., twice yearly) schedule to annual schedule. This recommendation cannot be approved at this time. Data in rpt indicate that one of outdoor monitoring wells, C2 (aka MW5), had 0.6 feet of free product when last gauged in April '09. Removal of free product at spill sites is considered high priority by DEC. We require that product be removed from this well, preferably by vac extraction to exert influence on area around well and encourage addt'l product to come into well, and that rate of product recharge into well after recovery event be monitored to determine appropriate schedule for ongoing gauging of well for product and for future product recovery events. Meanwhile, sampling of GW from indoor and outdoor wells for presence of dissolved-phase GW contam should continue on semi-annual basis; since last sampling event was on May 1, '09, next semi-annual sampling event should be performed first week of Nov. '09. Results of product recovery event and product recharge monitoring, as well as upcoming GW sampling round, should be presented in next semi-annual monitoring rpt, with appropriate recommendations for further action. Rpt should include tabulated historical GW and product thickness data, in addition to recently collected data. Please feel free to contact me if you have any questions." - J. Kolleeny

11/09/09: Received email from Sean Wallace of Ambient: "To keep you up to date. We've scheduled remediation contractor for this week and should be able to have rpt ready prior to holiday. I also went to site (11/6/09) to check on conditions of well that had free product, C2, which was purged during April 2009 event. There was no free product detected, but there was noticeable odor in this well and one adjacent to it, B23. These two are deepest wells and are right next to foundation wall of building to west. But I just wanted to let you know that there is no free product accumulation in well since last measured April 30, 2009. Inside well B17 that had 0.05 ft reading on free product before being pumped in April also has no free product at this date. Our full rpt, as I say, should be available before holiday." - JK

12/08/09: Reviewed Nov. 2009 Semi-Ann Mon Rpt by Ambient Grp, dated 12/2/09 (in eDocs). Rpt presents results of Nov. '09 GW sampling & well gauging. Two basement wells had relatively small amts of free product (B9 had 0.03 ft; B10 had 0.12 ft). Perimeter wells had no product or VOC exceedances. Courtyard & basement wells had moderate levels of total VOCs, mostly consistent with previous results; worst basement wells were B8 with 208 ug/L total VOCs, B10 with 202 ug/L TVOCs, and B21 with 201 ug/L TVOCs; worst courtyard well was C2 with 874 ug/L TVOCs (well had free product in April '09); other courtyard wells had much lower TVOCs, in 30-40 ug/L range. Ambient Grp recommended continuing semi-annual monitoring of all wells, with product recovery when detected; short-term (3-month) study of weekly vac truck pumping or other means of applying vacuum to basement wells to see if product recovery can be enhanced in this way; and development of enhanced bioremediation stragegy, possibly with targeted use of existing SVE (dual-phase?) system for hydraulic control. If this last strategy is adopted, short-term vac truck study will not be done. This will be discussed at upcoming meeting. - JK

12/11/09: Attended meeting at CBS, with Sean Wallace of Ambient Grp, Chris Tomasello of Reliant Consulting Svcs., Inc., Thomas Guzzi and William Grieco of CBS. Chris Tomasello presented plan for addressing remaining contam, involving application of combo of bioremedial solutions and surfactant. I mentioned that bio may not be effective if there is remaining free product in subsurface; Chris said they would try to recover as much product as possible by vac truck before beginning. I asked how they would establish hydraulic control (necessary when surfactant is applied to ensure contam doesn't migrate); Chris suggested us of vac truck on down-gradient wells. I said I would have to check with other DEC to see if that's acceptable. Chris mentioned that he has used this approach successfully at other sites. I asked if they had info on screened interval of existing wells, and said it would be good in general if they had clear 3-D picture of subsurface beneath bldg, including shape of bedrock and thickness of aquifer, before implementing plan; Chris agreed that they needed to do some addt'l site characterization work. Sean said they already had some info re: depth to bedrock and aquifer thickness, and would sent it ASAP. Received email with subsurface profiles and aquifer info from Sean later in day (in eDocs). Meeting concluded that they would examine wells and put together plan for addt'l site characterization and submit. - J. Kolleeny

04/07/10: Sent email inquiry to Sean Wallace of Ambient Grp: "Can you give me update on site? When we met in Dec. '09, we agreed that Chris Tomasello would put together a work plan for addt'l investig to delineate soil contam and determine subsurface bedrock configuration, so that he can design remedial plan. Any progress on that? Also, I was wondering if recent heavy rains have caused any unusual appearance (or disappearance) of free product from wells? Have wells been gauged for product recently? (How often are they checked?) If wells haven't been gauged for product since big rains of March, I'd like to request that they be checked." I got email reply from Sean: "Last week Chris and I went out with borescope and confirmed well construction type. Basement wells are slotted down to bottom. So both above and below water line. Two of courtyard wells are not slotted at all. These were historically part of first 5 monitoring wells established. All other wells that are labeled B are of slotted construction type. Chris is putting together statement of our findings. We took readings today also and found very little change since last monitoring event. Only one well had measureable free product at 0.05" and it was well that has almost always had small amount. Two of wells that are usually dry did have some water, but in general, and I'll have to put chart together, I didn't notice that water level was significantly different. Today we had vacuum truck suck out all wells and tomorrow we'll gauge recharge and then

take water samples. After this we'll be in position to write rpt with recommendations either for further vacuum truck events or possibly a soil washing/bioremediation event." He then sent follow-up email: "I just compared water levels and there is an extra 0.5' to 1' of water in most wells. More soon!" - JK

06/07/10: On 5/19/10, received email from Sean Wallace of Ambient Grp with pdf of April 2010 Semi-Annual Monitoring Rpt (in eDocs). On 6/4/10, received hard copy of rpt, plus pdf of lab data (in eDocs). On 6/7/10, sent email to Sean noting that rpt did not include product thickness data. Got email response from Sean with attached recent and historic product thickness data (in eDocs); email stated: "Here are water levels from May 26th visit on Page 1. Two wells with measureable free product in usual spot (B9 & B10) and B8 is showing some slight product, which it hasn't for awhile. But in Aug 2006 B8 had 1.7 ft (see Page 3 for historical summary of oil layer thickness detected in each well). Page 2 is a map of basement to show locations and also to correlate with graph on Page 4 where I attempt to represent graphically relation of water level to bedrock depth, as measured in each well. Note that lines of well are marked on diagram as A, B, C, D, and E. These are East West gradient. I took liberty of trying to show North-South gradient for Courtyard section and a slice through middle of basement that covers area where free product persists." Will review rpt. - JK

07/09/10: Finished review of April 2010 Semi-Ann Rpt by Ambient (in eDocs). Sent email (in eDocs) to Thomas Guzzi of CBS, cc's to William Grieco of CBS and Sean Wallace of Ambient, approving rpt recommendations: "I have reviewed April 2010 Semi-Annual Monitoring Rpt for this spill site, by Ambient Group, Inc. Report recommends:

1. Continuing bi-annual (i.e., twice yearly) monitoring of all wells, with vacuum truck removal of any measurable free product;
2. Performing short-term (3-month) study of free product development using vacuum truck pumping of basement and courtyard wells to influence areas around the wells and evaluate if free product recovery rates can be enhanced in this way.
3. Presenting to CBS an enhanced remediation strategy to help move spill case toward closure, involving use of bioremediation in conjuction with soil washing to move residual oil from unsaturated zone soil to water table where it can be recovered by pumping.

These recommendations are approved. Ambient Group should proceed to implement recommendations. Feel free to contact me if you have any questions." - J. Kolleeny

12/20/10: Received email from Sean Wallace of Ambient Group, with attached pdf file: "Please find attached rpt [in eDocs] for 2nd monitoring event of 2010. Please let me know if you require anything else at this time. I am preparing rpt on effects of vacuum truck pumping (3 events, to be completed by end of year) under separate cover." - J. Kolleeny

12/29/10: Reviewed Nov. 2010 Semi-Annual Mon Rpt by Ambient Group, dated 12/20/10 (in eDocs). Rpt summarizes Nov. 2010 GW sampling event, showing low to moderately low levels of dissolved VOCs in basement wells, very low VOCs in courtyard wells. Basement well B5 had "small but visible layer of oil in sample bailer." Rpt states that Ambient will continue bi-annual monitoring of wells, with removal of free product by vac truck when detected, and that Ambient will present an enhanced remediation strategy to help move spill toward closure; bioremediation will be discussed in conjunction with soil washing to mobilize potential residual product from vadose zone to water table where it can be recovered by pumping. - JK

03/11/11: On 3/10/11, received email from Sean Wallace of Ambient Group with attached pdf file of Jan. 2011 Spill Monitoring Addt'l Rpt: Brief Rpt on Effects of Vacuum Truck Pumping for Enhancing Free Product Recovery (in eDocs). Email stated: "Please find attached our rpt on effects of vacuum truck pumping on enhancement of free product recovery at this site. Our next scheduled Monitoring event is in May. We plan on taking some water level measurements next month (April)." On 3/11/11, I sent email: Thanks for pdf file of rpt. I note that you are now recommending annual GW sampling and periodic product recovery as needed.

What happened to idea of bioremediation plus soil washing to de-sorb residual oil from soil, as mentioned in Nov. 2010 Semi-Annual Rpt? Is that no longer being pursued as remedial approach? Please let me know about, and then I will respond to this rpt's recommendations." Sean Wallace sent reply: "Soil washing has been recommended, as you note. However, our client has many levels of decision makers and, as consultant, we are not made privy to mechanism they are using internally to consider further remediation. Our November recommendation was put forth as way to bring closure within a year and I will make that case to them again as we approach next scheduled monitoring event. In absence of remedial action, we feel it would be still be acceptable to monitor dissolved concentrations on less frequent basis, as long as more frequent checks for free product were in place, as a precaution. If your dept recommends that we follow up on our Nov 2010 rpt suggestion of soil washing, based on lack of progress with vacuum truck method, then we would of course assist our client in moving forward with that remediation step. Main concern expressed is that there is no 100% guarantee of success and I believe this lack of certainty is cause for hesitation. One train of thought is if levels of dissolved hydrocarbons measured in wells remain consistent, client may wish to pursue a more passive approach. However, if DEC suggests more active remediation, that would carry weight." Rpt presents data on product thickness before & after vacuuming thru Dec. 2010; data show traces of product (up to 0.03 ft. in Dec. 2010, up to 0.07 ft in May 2010) in couple of wells. Rpt recommended reducing dissolved-phase GW sampling from semi-annual to annual, gauging wells for product quarterly and doing vacuum recovery as needed. - JK

4/22/11: I sent email to Sean Wallace of Ambient Group: "Sorry it's taken a while to get back to you about this site. Recommendation in your last rpt to change GW sampling schedule from semi-annual to annual is not approved. DEC's mission is to move spill cases toward closure in an expeditious manner. Semi-annual sampling is not onerous, in my opinion, and will do better job of establishing trends in contaminant levels than will annual sampling. Product recovery may be performed periodically on an as-needed basis, as recommended. However, I would still prefer that Responsible Party follow up on earlier suggestions about developing an enhanced remediation strategy to move this case more quickly toward closure." Received email reply from Sean Wallace: "Thank you. We will inform our client of decision and of preference to follow previous path, i.e., soil washing leading toward expeditious closure." - J. Kolleeny

06/09/11: On 6/7/11, received email from Sean Wallace of Ambient Group, with attached pdf file of May 2011 Semi-Annual Mon Rpt (in eDocs); email stated: "Here is rpt for first bi-annual monitoring event for 2011. We are preparing recommendation for an enhanced remediation strategy to present once more to our client, CBS." Will review mon rpt. - J. Kolleeny

Map Identification Number 39 **WEST END AVE/W. 59TH ST** **Spill Number: 8303208** **Close Date:**
WEST END AVE N/O W59TH ST MANHATTAN, NY TT-Id: 520A-0093-868

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1757 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 11TH AVE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: JMOCONNE

Spiller: CON ED
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/18/1983		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	25000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 28. (JHO)

3/27/03 Reference #0211840 (KMF)

Map Identification Number 40 **PARKS & RECREATION BLDG** **Spill Number: 9912042** **Close Date:**
533 W 59TH ST/222 W 60 ST MANHATTAN, NY TT-Id: 520A-0094-601

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1871 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 533 W 59TH ST / 222 W 60TH ST
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: JOE OSTROWSKI
DEC Investigator: vszhune
Spiller: LIAM KAVANAGH - NYC PARK AND REC
Notifier Name:
Caller Agency: A.L. EASTMAN & SONS, INC
Contact for more spill info: LINDA
Spiller Phone: (212) 408-0211
Notifier Phone:
Caller Phone: (718) 378-3000
Contact Person Phone: (212) 397-3159

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/18/2000		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	700.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

caller reports line break causing spill to boiler room and is now seeping out doors. en route for cleanup.

DEC Investigator Remarks:

4/1/09 - Austin - Transferred from Needs Reassignment to Zhune for further work to remediate and close - end

12/28/10- zhune spoke to Helen Yanolatos 212-408-0211from Manhattan Division. She said call Gabe Ramos 212-4108916 from Park recreation Citywide Operation.

12/28/10- Zhune spoke to Gabe Ramos. He said. They did construction in this site. They built a swimming pool. Tanks were removed and site was cleaned. He will send the paper works.

Map Identification Number 41 **WEST END AVE & W 61ST ST** **Spill Number: 8608088** **Close Date:**
WEST END AVE & W 61ST ST MANHATTAN, NY TT-Id: 520A-0095-277

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2273 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: WEST END AVE / W 61ST ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/25/1986		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	7200	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 28. (JHO)

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE SEARCH RADIUS FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
0906868	EXCAVATION SITE	550 WEST 56TH ST	MANHATTAN
9702975	WEST 49TH ST SUBSTATION	601 W 49TH ST	MANHATTAN
0712833	W 49 ST S/S. PH # 6. DRIP FROM FLANGE	637 WEST 49 STREET. SUBSTATION	NEW YORK
0712462	WEST 49 ST S/S. PUMP HOUSE # 5 LEAK	637 WEST 49 STREET. SUBSTATION	MANHATTAN
1103146	CON ED FACILTY	637 WEST 49TH STREET	MANHATTEN
1111435	ON SIDEWALK	424 WEST 51ST ST	MANHATTAN
8401717	FORD LINCOLN MERCURY	555 WEST 57TH STREET	MANHATTAN
0514611	JANOVIC-PLAZA	771 9TH AVE	NEW YORK
9810172	DURST ORGANISATION	631-49 WEST 57TH ST	MANHATTAN
0502880	MANHOLE #	59TH STREET/WEST END AVE	MANHATTAN
9613939	54TH STR BUS DEPOT -NYCT	806 9TH AVE/54TH STR	MANHATTAN
1100847	RESIDENTIAL PROPERTY	124 WEST 60TH STREET	NEW YORK
1113807	APARTMENT BLDG	414 W 44TH ST	NEW YORK

CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 42 **FORMER TAXI DEPOT** **Spill Number: 0306876** **Close Date: 02/25/2004**
553-561 W 52ND ST MANHATTAN, NY TT-Id: 520A-0101-173

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 144 feet to the W*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	STEVEN TING - FORMER TAXI DEPOT	Spiller Phone:	(212) 260-2550
Notifier Type:	Other	Notifier Name:	DAVID WINSLOW	Notifier Phone:	(212) 353-8280
Caller Name:	DAVID WINSLOW	Caller Agency:	ATC ASSOC	Caller Phone:	(212) 353-8280
DEC Investigator:	JBVOUGHT	Contact for more spill info:	STEVEN TING	Contact Person Phone:	(212) 260-2550

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/30/2003		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

while doing further digging after a tank removal found contaminated soil

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
12/2/2003 Transferred from Sangesland to Rommel

2/25/2004-Vought-Spill transferred from Rommel to Vought.

File review by Vought:

Supplemental Remedial Action Report (ATC Associates, David Winslow 212-353-8280). Clinton Association for a Renewed Environment authorized ATC to remove four (1000-gallon) gasoline USTs, six (550-gallon) gasoline USTs and one (275-gallon) waste oil UST, oversee the removal of historic fill and the installation of a vapor barrier membrane at 740-744 11th Avenue and 557-561 West 52nd Street. Contaminated soil found beneath four (1000-gallon) USTs resulting in filing of spill #0305881 which was closed after the removal of approximately 34 tons of contaminated soil. Additional contaminated soil was found and this spill number was opened and approximately 74 tons of contaminated soil was excavated and removed after excavation to bedrock. "A Singel Barrier Containment System was installed beneath the floor slab of the building..." "In addition ATC supervised the installation of a soil cap on Januar 5, 2004. The containment system consisted of a vegetative and protective layer, 18" of soil including 6" of top soil, a geotextile filter fabric, protective layer, 6" of compacted soil subgrade". Approximately 3777.5 tons of historic fill were also removed from the site. "The upper one foot of the weathered schist was removed to expose comptent bedrock". No groundwater was encountered abover bedrock at this site. No bottom samples were collected due to the presence of bedrock. Report request No Futher Action. Soil analyticals show no TAGM 4046 Soil Cleanup Objective exceedences. Spill closed by Vought due to lack of exceedances, extraordinary amount of soil excavation (3777.5 tons) and competency of bedrock.

Map Identification Number 43 **MOBIL S/S** **Spill Number: 9400944** **Close Date: 03/29/1995**
718 11TH AVENUE NEW YORK, NY TT-Id: 520A-0096-214

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	MIKE MEOLA - EXXONMOBIL	Spiller Phone:	(516) 371-1527
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	ORETA	Caller Agency:	BILLING	Caller Phone:	(913) 752-7495
DEC Investigator:	DKHARRIN	Contact for more spill info:	MIKE MEOLA	Contact Person Phone:	(516) 371-1527

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
04/19/1994	03/29/1995	TANK FAILURE	2-157899	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER REPORTED 2 INCHES OF WATER IN GAGE TANK. NO OTHER AGENCIES NO SET ON DATE. NO CALL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"
Reassigned from DEC Sigona on August 4, 2003, as per Letter from

P. David Smith, Bureau Director, Remedial Bureau B.

03/29/95: SEE SPILL NUMBER 8904939.

10/10/95: This is additional information about material spilled from the translation of the old spill file: WATER IN TANK.

This spill was reassigned to DEC Sigona from O'Dowd on Sept 2000.

Also see spill nos. 0007323, 9009654, 9400944, 9505594, and 8904939.

Map Identification Number 44 **EXXONMOBIL** **Spill Number: 0207671** **Close Date: 10/09/2003**
718 11TH AVE NEW YORK, NY TT-Id: 520A-0096-203

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	JOANN WALLACH - EXXONMOBIL	Spiller Phone:	(908) 474-2745
Notifier Type:	Responsible Party	Notifier Name:	MIKE MEYERHOEFER	Notifier Phone:	
Caller Name:	DAN CANAVAN	Caller Agency:	GEOLOGIC SERVICES	Caller Phone:	(631) 285-6684
DEC Investigator:	DKHARRIN	Contact for more spill info:	JOANN WALLACH	Contact Person Phone:	(908) 474-2745

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
10/24/2002		TANK FAILURE	2-157899	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	GROUNDWATER

Caller Remarks:

Elevated Photo-ionization detector readings found in soil samples collected from tank pit following tank removal - The site has an active remediation case on-going

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"
Reassigned from DEC Sigona on August 4, 2003, as per Letter from

P. David Smith, Bureau Director, Remedial Bureau B.

This spill has been consolidated under spill No. 8904939

DEC Sigona performed field inspections on 10/22/2002 and 10/23/2002 and observed 4,000 gallon steel tank removal activities. There were low levels of petroleum contamination on the tank top and overburden. When the tank was removed at approximately 11:30 A.M. on 10/23/2002 there was petroleum contamination and free product sheen on the water table visible in the tank excvataion. The concrete pad was removed underneath the tank.

The DEC Sigona requested that the excavation be backfilled with pea gravel to enhance the vapor recovery effort. The tank was located immediately adjacent to the foundation wall for the Bull McCabe Restaurant located downgradient of the site. GSC indicated that monitoring wells and pea gravel will be installed at the former 4K tank location. AJS 10/24/2002.

Map Identification Number 45 **EXXON/MOBIL** **Spill Number: 0205676** **Close Date: 10/09/2003**
718 11TH AVE NEW YORK, NY TT-Id: 520A-0096-200

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Affected Persons
Caller Name: DENNIS SHIN
DEC Investigator: SIGONA

Spiller: JOANNE WALLACH - EXXONMOBIL CORP
Notifier Name: PATRICK WEST
Caller Agency: GEOLOGIC SERVICE
Contact for more spill info: DENNIS SHIN

Spiller Phone: (908) 474-2745
Notifier Phone: (631) 285-6684
Caller Phone: (631) 285-6684
Contact Person Phone: (631) 285-6684

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/31/2002		TANK FAILURE	2-157899	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

Caller states his company was doing soil borings samples next door to the gas station when they hit vapors.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 46 **EXXON MOBIL** **Spill Number: 0413552** **Close Date: 12/14/2006**
714 11TH AVE NEW YORK CITY, NY TT-Id: 520A-0096-208

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 543 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Police Department
Caller Name: SEAN DONOHUHE
DEC Investigator: DKHARRIN

Spiller: CONSTRUCTION COMPANY
Notifier Name: SEAN DONOHUHE
Caller Agency: NYC DEP
Contact for more spill info: SEAN DONOHUE

Spiller Phone:
Notifier Phone: (212) 689-1520
Caller Phone: (212) 689-1520
Contact Person Phone: (212) 689-1520

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/29/2005		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Due to tank failure. Product has not been cleaned up yet. Tank was removed by construction company. Ground is drenched with gasoline.

DEC Investigator Remarks:

3/30/05-Vought-Called

being tracked under spill 89-04939

Map Identification Number 47 **BULL MCCABE BUSINESS** **Spill Number: 0300184** **Close Date: 07/11/2003**
714 11TH AVE MANHATTAN, NY TT-Id: 520A-0096-204

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 543 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	EXXONMOBIL	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	SAME	Notifier Phone:	
Caller Name:	DAN CANAVAN	Caller Agency:	GEOLOGIC SERVICES	Caller Phone:	(631) 285-6684
DEC Investigator:	SIGONA	Contact for more spill info:	DAN CANAVAN	Contact Person Phone:	(631) 285-6684

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/05/2003		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
UNKNOWN MATERIAL	UNKNOWN	0	GALLONS	0	GALLONS	

Caller Remarks:

THERE ARE PETROLEUM VAPORS IN THE BASEMENT OF THE BUSINESS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 48 **ASTOR SUBSTATION - EXCAVATION** **Spill Number: 0605854** **Close Date: 12/21/2006**
700 11TH AVE MANHATTAN, NY TT-Id: 520A-0097-686

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 805 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERTS - EXCAVATION	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERTS	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/21/2006		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

coming from an old tank that was leaking: 1 pint of motor oil: coned # 202049

DEC Investigator Remarks:

12/21/06 - See e-docs for Con Ed report detailing cleanup and closure.

Spill assigned to Yuk Yin Wong, DER project manager for Astor Substation BCP, for follow up. (JHO)

Map Identification Number 49 **Spill Number: 0100152** **Close Date: 02/14/2003**

500 WEST 56TH ST MANHATTAN, NY TT-Id: 520A-0096-182

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 900 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	CALLER - ABANDONED GAS PUMP	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	MISSY MCGORGAN	Caller Agency:	AKRF ENVIOMENTAL	Caller Phone:	(917) 612-3990
DEC Investigator:	SMSANGES	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/05/2001		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller removing old tank and found contamination.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
On June 13, 2001, DEC Sigona received a tank closure report from AKRF, dated June 13, 2001.

Spill was reassigned to Steve Sangesland on Feb 7, 2002 as per request.

3/25/2002 - Sangesland reviewed the AKRF Closure Report dated June 2001. The report outlines the removal of a 550 tank and the excavation of contaminated soil down to a depth of 18 feet (ground water level). Four sidewall samples were taken. All were clean for VOC's, Three were clean for SVOC's. One side wall sample had SVOC levels over STARS, AKRF suggested that these levels were within "typical background fill" levels.

The report was missing a scaled site plan showing the location of the former tank and the subject excavation. The report also did not identify if any groundwater sampling had been conducted.

3/28/2002 - Sangesland spoke with Arnold Fleming of AKRF (212- 696-0670) and requested a resubmittal with both a site plan and ground water VOC/SVOC test results.

4/10/2002 - Julie Foley of AKRF called to say more contaminated soil was found around two additional tanks on this site. A new spill number was called in (0110824) and assigned to Tim DeMeo.

The site is a huge excavation site now and the new building going up on this site will be "500 West 56th St".

**********Actions Taken**********

1) Sangesland changes the listed address for this spill to 500 West 56th Street.

2) Sangesland closed out the new spill number (0110824) and referenced that spill number back to this spill number.

3) Sangesland directed AKRF to write a single closure report for the property referencing the new address (500 W 56th)and including both tank/spill locations.

4) AKRF requested the DEC to return the copy of the June 2001 AKRF report sent in previously.

********** Notes rolled over from Spill #0110824 ********

2/14/02 Plaza Construction and its subcontractors struck 2 abandoned UST's while excavating for a new building foundation at construction site. Tanks removed from site prior to DEC inspectin. Approximately 20 cu. yds. of contaminated soil was stockpiled on site for disposal.

DEC Spills requested from AKRF Inc. (environmental consultant) copies of analytical data from stockpiled soils, disposal manifests and scaled site drawing depicting former tank locations.

Ray Ranami - Plaza Construction 917-577-4656

****

7/2/2002 - Sangesland reviewed a "Closure Report" dated June 28, 2002 and submitted by AKRF (Sarah Lopas 646-459-3525). The report basically brings together the data for 3 seperate tank pulls from the property over a 1 year period. Two of the three locations had "End Point Soil Samples" which exceeded TAGM SVOC levels. AKRF states that this is common for background levels, but there is no "back up data" to prove the point.

Sangesland spoke with Sarah Lopas at AKRF about the issue and she'll check it out and get back to the DEC soon.

7/15/2002 - Sangesland spoke with Andy Rudko of AKRF concerning the high SVOC levels at two of the tank pull areas. Andy said the SVOC levels were from historical fill, he also said that at this point the site has been over excavated to clear for the new building. Instead of putting together an exposure report based on historical fill all around the area, Sangesland requested a

letter and photographs to document the fact that the area had been excavated further and that AKRF believes the contaminated soil is gone.

2/14/2003 - Sangesland reviewed an AKRF submittal dated January 16, 2003 which contains photographs of the site. These photos clearly show the over excavation of the site down to a "sub-basement" depth. Design drawings were also submitted which showed a deep basement area was to be dug out. Clearly the contaminated soil areas are gone from this site.

Spill Closed

Map Identification Number 50 **660 12TH AVE (A/K/A)** **Spill Number: 0008970** **Close Date: 02/04/2002**
618-628 W 49TH ST NEW YORK, NY TT-Id: 520A-0093-807

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1259 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	SAL RUSSO - PARKING LOT..	Spiller Phone:	(516) 239-8823
Notifier Type:	Local Agency	Notifier Name:	CRAIG BROWN	Notifier Phone:	(516) 485-0000
Caller Name:	YEVETTE WILSON	Caller Agency:	YELLOWSTONE INDUSTRIES	Caller Phone:	(516) 485-0000
DEC Investigator:	SMSANGES	Contact for more spill info:	SAL RUSSO	Contact Person Phone:	(516) 239-8823

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/01/2000		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UNDERGROUND STORAGE TANK FAILED OVER TIME AND CAUSED SOIL CONTAMINATION - SOIL WILL BE STOCKPILED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
On August 15, 2001, DEC Sigona received spill closure report from AKRF dated August 14, 2001. See file for details and copy of

report.

12/01 Spill re-assigned to Sangesland

AKRF submitted a letter dated Dec 27, 2001 which included a second copy of the Aug 14, 2001 report and a series of photographs showing the complete excavation of the city block down to bedrock.

There was a problem with the PBS registration on the site. Sangesland asked AKRF to re-submit the PBS forms with the correct address (old PBS had the wrong city block) along with info on ALL of the tanks found and removed from the site.

From a technical/environmental point of view the site is clean and will be closed out as soon as all of the administrative paperwork has been submitted and reviewed.

2/4/2002 AKRF has submitted copies of all updated PBS registration forms (PBS # 2-604810). All tanks have been removed from the site. The whole site has been excavated down to bedrock. All petroleum related contamination on this site has been removed.

Spill Closed.

Map Identification Number 51 **BMW** **Spill Number: 9707785** **Close Date: 10/01/1997**
547 WEST 47TH ST MANHATTAN, NY TT-Id: 520A-0093-811

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1317 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	QUAKER STATE	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	FRANK GILMARTIN	Notifier Phone:	(516) 931-2315
Caller Name:	NANCY MURPHY	Caller Agency:	SPILL CTR INC	Caller Phone:	(508) 897-6461
DEC Investigator:	TOMASELLO	Contact for more spill info:	ROBERT PORTEESE	Contact Person Phone:	(212) 586-2269

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/01/1997		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSMISSION FLUID	PETROLEUM	270.00	GALLONS	270.00	GALLONS	SOIL

Caller Remarks:

QUAKER STATE FILLING STORAGE TANK AND SEAM IN TANK BROKE

CAUSING SPILL INSIDE DEALERSHIP - SPILL CONTAINED INSIDE WITH

SPEEDI DRY AND BEING CLEANED UP

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

JIM CANTELMO (212)-586-2269. PUT CO. CLEANING 250 GAL. TANK L250M NOT EMPTY. SPILL IN SERVICE SHOP HALL WAY OFF MAIN SJOP.
PAINTED CONCREATE FLOOR NO SUMP PUMPS.
CLEANED BY SPILLER.

Map Identification Number 52 **NYC SANITATION BCC OPS** **Spill Number: 9908580** **Close Date: 03/04/2003**
650 W 57TH ST NEW YORK, NY TT-Id: 520A-0098-958

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1407 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	NON-MAJOR FACILITY (>1100 GAL)	Spiller:	OTIS JOHNSON - NYC SANITATION BCC OPS	Spiller Phone: (212) 788-4058
Notifier Type:	Responsible Party	Notifier Name:	OTIS JOHNSON	Notifier Phone: (212) 788-4058
Caller Name:	OTIS JOHNSON	Caller Agency:	NYC SANITATION BCC OPS	Caller Phone: (212) 788-4058
DEC Investigator:	TOMASELLO	Contact for more spill info:	OTIS JOHNSON	Contact Person Phone: (212) 788-4058

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/14/1999		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

50 gals of #2 oil spilled into a 4 x 4 pit - in the peocess of being cleaned up now

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 53 **ANNA'S** **Spill Number: 0102767** **Close Date: 05/10/2005**
763 9TH AVE MANHATTAN, NY TT-Id: 520A-0091-231

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1432 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	RICHARD DELASANDRO	Spiller Phone:	(917) 806-0995
Notifier Type:	Local Agency	Notifier Name:	RICHARD DELASANDRO	Notifier Phone:	(917) 806-0995
Caller Name:	ANDREW KELLY	Caller Agency:	DEP	Caller Phone:	(718) 595-4761
DEC Investigator:	LNKLAAS	Contact for more spill info:	RICHARD DELASANDRO	Contact Person Phone:	(917) 806-0995

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/08/2001		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

TANK HAS A SMALL LEAK - PROPERTY MANAGER IS MK REALITY 212-974-5400

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

Transferred from Tibbe to Klaas.

Refer to 0103420.

Map Identification Number 54 **605 WEST 47TH STREET** **Spill Number: 0400961** **Close Date: 11/17/2004**
605 WEST 47TH STREET MANHATTAN, NY TT-Id: 520A-0091-516

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1445 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	MARK LEVINE	Spiller Phone:	(212) 925-1950
Notifier Type:	Other	Notifier Name:	MARK LEVINE	Notifier Phone:	(212) 925-1950
Caller Name:	MARK LEVINE	Caller Agency:	REALESTATE COM	Caller Phone:	(212) 925-1950
DEC Investigator:	JMKRIMGO	Contact for more spill info:	MARK LEVINE	Contact Person Phone:	(212) 925-1950

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/28/2004		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

WILL BE REMOVING TANK AND SOIL:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Contaminated soil letter sent to:

Raber Enterprises LLC

Attn: Marc Levine

175 Canal St.

New York,NY 10013

Mr. Levine says a phase II investigation was done as part of a property sale. The new owner has hired Langan Engineering to remove the tank and any contaminated soil.

Contact at Lang an Engineering is: Tarek Khouri 212-479-5400

5/6/2004 Sangesland spoke to Mr. Khouri from Langen Engineering. He confirmed that the area will be excavated and the tank removed. They will take photographs of the hole and will take endpoint samples to be tested for VOC's & Sock's. A final report will be prepared and forwarded to Jake Krimgold.

5/11/04. J.Krimgold @ site. Contractor unable to remove the tank due to a structural constraints. Will excavate contaminated soil around tank and close tank in-place. Agreed that at least three post-excavation samples will be taken.

J.Krimgold observed excavation and found two more UST partially filled with gasoline and water. Preliminary observation suggests that the size of tanks 1080 and 550 gal. The current owner has no knowledge of these tanks. Also no records was found in PBS DB. J.Krimgold requested immediately register all tanks at this site with PBS unit before continuation of tank closure.

11/17/04. J.Krimgold has reviewed the report dated June 28, 2004 submitted to the Department by Langan Engineering regarding the above mentioned site. Based on the information provided, the petroleum release which was on this site has been satisfactorily cleaned up and all USTs has been closed in place or removed. PBS application was filed. Therefore, no further investigation or response will be required concerning the petroleum contamination at these specific sites at this time. NFA letter.

Map Identification Number 55 **467 W. 57TH ST.** **Spill Number: 9302151** **Close Date: 09/07/1993**
467 W. 57TH ST. MANHATTAN, NY TT-Id: 520A-0091-974

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1493 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	W. 57TH ST OWNER CORP.-AP	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	DOUGLAS WILLIAMS.	Caller Agency:	A.L. EASTMOND	Caller Phone:	(718) 378-3000
DEC Investigator:	O'DOWD	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/17/1993	09/07/1993	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	400.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CONTAINED IN TANK ROOM TANK & ROOM BEING PUMPED OUT &TO IN STALL TEMP TANK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'DOWD."
09/07/93: TEMP TANK HOOKED UP EASTMOND CLEANED UP OIL AND DISPOSED OF.

Map Identification Number 56 **CONSTRUCTION SITE** **Spill Number: 0506652** **Close Date: 09/20/2006**
617-623 WEST 47TH STREET MANHATTAN, NY TT-Id: 520A-0093-846

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1518 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	JEROME KUNG - CONSTRUCTION SITE		Spiller Phone: (212) 338-6754
Notifier Type:	Other	Notifier Name:	ANTHONY VANAGTA		Notifier Phone: (516) 671-8440
Caller Name:	ANTHONY VANAGTA	Caller Agency:	GANNET FLEMING		Caller Phone: (516) 671-8440
DEC Investigator:	rvketani	Contact for more spill info:	JEROME KUNG		Contact Person Phone: (212) 338-6754

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/30/2005		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WHILE EXCAVATING TANK FOUND SOIL CONTAMINATION: TOOK SAMPLPES:

DEC Investigator Remarks:

Sangesland spoke to rep from Gannet Flemming - no need to send a CSL - They know the process and will submit a report as soon as the work is complete

9/9/05-Vought-Spoke to Joel Rogers (Gannett Flemming 516-671-8440) and contaminated soil was removed and endpoint samples were collected. One fuel oil UST and one gasoline UST onsite. Groundwater was present in the bottom of the excavation. Samples were also collected from piping runs and remote fills. One groundwater sample was collected. Active construction going on. Endpoint samples did show TAGM exceedences. Site is DEP E site and vapor barrier will be installed. Groundwater at 12' below grade. Groundwater samples were below TOGS and therefore no passive ventilation system. Site will be excavated down to bedrock over most of site. Minor PAH exceedences attributable to fill material. One soil sample had 63000ppb napthalene. Additional soil excavation required at area of excavation. After excavation for foundation is complete sidewall samples and bottom groundwater samples will be collected. Dewatering will occur for building construction. Groundwater samples show minor PAH and MTBE exceedence. See also spills 0506800, 0507015. Two additional 550-gallon USTs discovered. DEC requires: soil endpoint samples and groundwater samples upon reaching limits of excavation for foundation.

10/18/05-Vought-Site visit by Vought on 10/14/05. Onsite was Jessica Ferngrem(Gannett Fleming) and Jerome Kung (Verizon 646-483-6554). Also on site were owners of 607 West 47th Street (Felix Guralnik) See also spill #. Free product coming from under 607 West 47th Street and flowing into groundwater in excavcation of adjacent Verizon site. Site visit to 607 West 47th street showed waste oil tanks in very poor condition and numerous puddles of waste oil on garage floor. DEC required Verizon: 1)collection of one endpoint soil sample from sidwall under 607 West 47th st 2)submission of analyticals of free product sample 3)regular interrmittent sampling of dewatering effluent as remedial method 4)submission of PBS registration. NYCDEP discharge permit obtained by Verizon. Vought called Joel Rogers and left message that he will be faxed a copy of the letter. Vought also faxed copy to Ferngrem and emailed to Kung.

11/28/05-Vought-Received message from Rogers that hydraulic line ruptured. Vought returned call and line broke from construction equipment. Spill on perched water on bedrock and will be cleaned using adsorbent pads and boom. No further action on this minor spill required.

05/05/06-Vought-See also closed spill #0507015 at same location.

05/17/06-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin.

6/22/06 - Raphael Ketani. I spoke to Ms. Jessica Ferngren ((516) 669-1504)of Gannett Fleming. She said they are almost ready to send DEC the closure report. She said that the wall of the neighboring building was waterproofed. [This spill is downgradient from a garage (605 W. 47 St.) with 2 waste oil tanks and sloppy housekeeping.]

7/10/06 - Raphael Ketani. I spoke to Ms. Ferngren. She said the closure report will probably be sent in August. Right now it is being reviewed by the client.

8/17/06 - Raphael Ketani. I tried to reach Ms. Ferngren, but could only leave a voice mail.

9/6/06 - Raphael Ketani. Ms. Ferngren left me a message requesting my mailing address. I sent her a message back with the correct address.

9/15/06 - Raphael Ketani. The following tanks were removed from the site: 3000 gal., 5000 gal., five 550 gal., and a 275 gal. However, there are no PBS records or registrations for the site.

I finished reviewing the September 2006 Underground Storage Tank and Spill Closure Report. There were moderate to extremely high concentrations of SVOCs at some of the boring locations. Most of these locations are associated with tanks that have been removed or their piping,though a few are not.

9/18/06 - Raphael Ketani. I spoke to Ms. Ferngren about the need to register the tanks and about the very high SVOC concentrations at some of the former tank locations. She said that the soils at the tank locations looked clean, but staff in her office couldn't figure out why the results were so high. She just figures there was urban fill mixed in. I told her that these high sites were at the former locations of the tanks. She said that the soil looked clean and that all of the soil was removed anyway and delivered to a facility that takes very contaminated soil. She said she will send in a PBS registration form.

9/20/06 - Raphael Ketani. Nick Lombardo of the PBS Unit came over to me to discuss the PBS registration for the site. He said that Ms. Ferngren had told him that the site is registered. He showed me a PBS registration for the neighboring property, 610-630 W. 48 Street. He said that Ms. Ferngren told him this was the same property as the new owners had combined both 617-623 and 610-630, and planned to build on both. The registration for 610-630 is #2-344818 and shows all of the tanks listed in the September 2006 Underground Storage Tank and Spill Closure Report as closed and removed, and even lists other tanks not indicated in the report for 617-623.

I spoke to Ms. Ferngren and told her DEC would prefer that the form list 617-623 as this is where the majority of the tanks came from. She asked whether both addresses can be listed on the registration form. I spoke to Mr. Lombardo and he said that she should get Verizon to submit a letter to DEC requesting that both addresses be listed. I relayed the message to Ms. Ferngren. She agreed to do this.

Based upon the Underground Storage Tank and Spill Closure Report and the PBS registration #2-344818, I am closing the spill case.

Map Identification Number 57 **Spill Number: 0203467** **Close Date: 03/07/2003**

612-614 WEST 47TH ST MANHATTAN, NY TT-Id: 520A-0093-870

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1624 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	CARMELLA KORTLANG	Caller Agency:	JC BRODERICK	Caller Phone:	(631) 419-0913
DEC Investigator:	WYNE	Contact for more spill info:	CARMELLA KORTLANG	Contact Person Phone:	(631) 419-0913

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/02/2002		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller did environmental assessment of property and soil samples showed contamination

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 58 **400 WEST 56TH ST** **Spill Number: 9511654** **Close Date: 12/15/1995**
400 WEST 56TH ST MANHATTAN, NY TT-Id: 520A-0092-250

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1634 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	UNKNOWN - A.J.CLARKE	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	LOUIE	Notifier Phone:	(212) 333-3175
Caller Name:	MR.CAREY	Caller Agency:	CASTLE OIL CORP.	Caller Phone:	(800) 734-8955
DEC Investigator:	KSTANG	Contact for more spill info:	LOUIE (BLDG.SUPER)	Contact Person Phone:	(212) 333-3175

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/14/1995		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

TANK RUPTURE IN BASEMENT OF APARTMENT BUILDING.(5,000 GAL.TANK

CAPACITY). A.L.EASTMAN CO.HAS BEEN CONTACTED FOR CLEAN UP AND

ARE ENROUTE @ TIME OF CALL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
AFTER CONSIDERING THE FACT THAT THE SPILL OCCURRED SO LONG AGO, AND THE REMARKS INDICATE NO LONG-TERM FOLLOW-UP IS NEEDED. THIS SPILL IS DECEASED. EXDOXY PATCH LEOT LOOSE. COMPLETED 3:00PM. CLEANED BY OIL CO. FOR RP.

Map Identification Number 59 **408 WEST 57TH ST** **Spill Number: 9515593** **Close Date: 06/13/2005**
408 WEST 57TH ST NEW YORK, NY TT-Id: 520A-0092-302

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1667 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	MARLBORO REALTY	Spiller Phone:	(212) 757-5220
Notifier Type:	Other	Notifier Name:	ANC COMBUSTION	Notifier Phone:	(718) 383-9300
Caller Name:	BOB DECK	Caller Agency:	PETROLEUM TANK CLEANERS	Caller Phone:	(718) 624-4842
DEC Investigator:	GWHEITZM	Contact for more spill info:	MARLBORO REALTY	Contact Person Phone:	(212) 757-5220

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/05/1996		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Tank ruptured - tank is partially buried in ground - unk qty spilled - contact person for marlboro realty is steve golden

DEC Investigator Remarks:

06/13/05 Heitzman: See PBS 2-606198. Failing tank was replaced with 10,000 gallon above ground tank on 5/1/96. No reported release.

Map Identification Number 60 **Spill Number: 9908576** **Close Date: 12/01/1999**

57TH ST / 12TH AVE MANHATTAN, NY TT-Id: 520A-0101-551

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1672 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: W 57TH ST / TWELFTH AVE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	THOMAS SMITH - YONKERS CONTRACTORS CO	Spiller Phone:	(914) 965-1500
Notifier Type:	Responsible Party	Notifier Name:	THOMAS SMITH	Notifier Phone:	(914) 965-1500 ext. 7
Caller Name:	THOMAS SMITH	Caller Agency:	YONKERS CONTRACTORS CO	Caller Phone:	(914) 965-1500 ext. 7
DEC Investigator:	TOMASELLO	Contact for more spill info:	FRED CARDILLO	Contact Person Phone:	(212) 974-1392

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
10/14/1999		TANK FAILURE	2-455806	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1000	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
13	8000	Unknown	200.00	UNKNOWN

Caller Remarks:

caller's co was doing work on site for nys dot they had site marked for digging but were not aware of the u/g oil tank tank was struck during digging spill is confined to area of hole tank is not leaking anymore at this tiome code enviromental has been contacted to assist w/ clean up

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

Saccacio - Th contractor punctured a #2 fuel oil tank owned by the NYCDOS. The contractor hired PTC to emptied the tank. The contractor also excavated 50 Yd^3 and conducted end point sampling. The results of the end point sampling indicatated the product spill had been cleaned up. Spill Closed

Map Identification Number 61 **METROPOLITAN LUMBER CO** **Spill Number: 9707347** **Close Date: 01/08/1998**
623 11TH AVE MANHATTAN, NY TT-Id: 520A-0096-962

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1795 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	BOB GANS - METROPOLITAN LUMBER CO	Spiller Phone:	(212) 246-9090
Notifier Type:	Other	Notifier Name:	RICK WRIGHT	Notifier Phone:	(516) 249-3150
Caller Name:	JOE PISEL	Caller Agency:	TYREE ENVIROMENTAL	Caller Phone:	(516) 249-3150
DEC Investigator:	TOMASELLO	Contact for more spill info:	BOB GANS	Contact Person Phone:	(212) 246-9090

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/22/1997		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WORKERS LOCATED 8 550 GALLON UNDERGROUND GAS TANKS AND THERE IS SOIL CONTAMINATION AROUND THE TANKS - CHRIS TOMESSELO HAS BEEN NOTIFIED FROM DEC R-2

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 62 **59TH ST STATION** **Spill Number: 0004776** **Close Date: 02/11/2004**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-813

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: JIMMY FOX
DEC Investigator: JHOCONNE
Spiller: CALLER - CON ED
Notifier Name: MR LAMALFA
Caller Agency: CON ED
Contact for more spill info: JIMMY FOX
Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/21/2000		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DRUM FELL OFF LIFT CABLE CAUSING SPILL - CLEAN UP IN PROGRESS

CON ED 132484

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
While maintenance crew were lowering four 55 gallon lube oil drums with lift crane, the drums broke away from the pallet and crashed to the floor. Multiple drum leakage resulted in 15 gallon spill to floor. No lube oil entered trenches and no worker was injured. The four lube oil drums were received shrink wrapped on a pallet. During the transfer from the 34' level to the basement the drums broke free of the shrink-wrap and landed on the basement floor. 15 gallons of lube oil leaked from multiple drum leaks. The oil was contained and the damaged drums placed in over pack drums. To prevent a reoccurrence of this type of spill, oil drums will be individually moved with the uses of a barrel lifter.

Map Identification Number 63 **APT BUILDING** **Spill Number: 9711326** **Close Date: 01/09/1998**
545 WEST 45TH ST MANHATTAN, NY TT-Id: 520A-0093-871

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 1911 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10036

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CHARLIE - MYSTIC OIL	Spiller Phone:	(718) 932-9075
Notifier Type:	Responsible Party	Notifier Name:	CURT CUMMINGS	Notifier Phone:	
Caller Name:	CHARLIE BOETTIGER	Caller Agency:	MYSTIC OIL	Caller Phone:	(718) 932-9075
DEC Investigator:	SMMARTIN	Contact for more spill info:	NONE	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/09/1998		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	5.00	GALLONS	5.00	GALLONS	SOIL

Caller Remarks:

DRIVER OVERFILLED TANK ONTO SIDEWALK SPILL IS ALL CONTAINED AND BEING CLEANED UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 64 **609-611 11TH AVE** **Spill Number: 9501693** **Close Date: 09/16/2005**
609-611 11TH AVENUE MANHATTAN, NY 10036 TT-Id: 520A-0093-877

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1943 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	JOE CAROZZA	Caller Agency:	RESOLUTION TRUST	Caller Phone:	(610) 631-6384
DEC Investigator:	KMFOLEY	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/09/1995		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL
WASTE OIL/USED OIL	PETROLEUM	0	POUNDS	0	POUNDS	SOIL
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	
BTEX	OXYGENATES	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

ENVIRONMENTAL SITE STUDY DONE - GROUND CONTAMINATION FOUND RESULTING FROM TANK LEAKING. PROPERTY IS ABANDONED GAS STATION. 10TH AVE CORP. OWNER ISAAC GATWEN, 18 WOODHAVEN, NEW YORK CITY

DEC Investigator Remarks:

4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel.

12/7/04 Reassigned from Rommel to Foley. Issued certified letter (Robert Gans, Swing Time LLC Corp., 1270 Saw Mill River Rd, Yonkers NY 10710) requiring site assessment for ten gas USTs removed 7/99. Report to be submitted by 3/7/05.

12/21/04 Certified letter returned as attempted, unknown.
12/22/04 Resent certified letter to Robert Gans (617 11th Avenue, NY NY 10036).

12/27/04 Spoke to Perry Burkett(same address as R. Gans-617 11th Ave, NY NY 10036 (212-582-1951, 212-246-0856(fax)), general counsel for Robert Gans, Swingtime LLC. Will send correspondence and reports that were previously submitted to Steven Saccaccio. Stated that Saccaccio had approved remediation and subsequent construction of building currently on property.

1/4/05 Received reports from P. Burkett.
1) Letter workplan dated 5/22/00.
2) Letter and fax from B. Pachmohr dated 6/5/00 including field notes and proposal for an additional monitoring well.
3) Fax from S. Saccacio to former tenant, Dr. Oscar Sandoval and his atty M. Perle, indicating the planned building will not interfere with the remaining spill investigation and potential remedial obligations.
4) Soil Removal Summary Report from American Environmental Assessment Corp. dated 7/5/00.

10 gasoline USTs had been located in the SE corner of the property. They were removed prior to the construction work and the site assessment that was performed at the time did not reveal any contamination around the tank field. American Environmental Assessment Corp.(AEAC) was contracted to further investigate. On 5/24/00, AEAC installed three test pits. Soil around the former tank field had been impacted by gasoline. Between 5/31 and 6/14/00, 860 tons of contaminated soil were removed. GW was encountered at 13'bgs. Two samples at 10'bgs showed elevated concentrations of VOCs (total BTEX at 4133ppb(E-5), and 2525ppb(E-4)). Rock was encountered at a depth of approx 6'bgs which dropped off towards the SE corner to 10-12'bgs.

1/6/05 Received copy of tank removal affadavit from Petroleum Technology stating ten 550gal gas tanks were removed on 7/20/99.

1/10/05 Issued letter requiring installation of three monitoring wells. Two along 11th Ave (adjacent to soil sample locations E-4 and E-5) and one along 45th St (btwn S-2 and S-3). Report due 4/15/05.

See spill #s 0001837, 0001719.

3/24/05 Met with M. Roux, Roux Associates. If bedrock is encountered, they will core through bedrock (only at location closest to E-5, highest soil cont.). Will take soil samples at all locations(highest PID and at gw interface). GW samples will be taken if encountered before bedrock.

4/20/05 Met Roux(Marty) and ADT Drilling on-site. Refusal at 9'bgs in first boring on northside of W45th St. Second boring(northernmost) on 11th Ave had some hits on the PID up to 700ppm. Sample from 15-17'bgs was wet. ADT installed monitoring well. Third boring to be drilled later.

4/28/05 Spoke to M. Roux. Report expected to be submitted by 5/20/05.
6/15/05 Reveived Ltd. Subsurface Investigation Report dated 6/14/05. Attempted to install three wells. Two were successful(MW-2 and MW-3). Soil had some detections of BTEX below TAGM RSCOs. Groundwater showed lower levels of BTEX in MW-2(68ppb benzene, 4ppb toluene, 300ppb ethylbenzene, 232ppb xylenes). GW in MW-3 showed one hit for MTBE at 10ppb, with no other VOCs detected.

6/16/05 Letter sent to R. Gans requesting confirmatory GW sample be collected at end of July 2005.

8/19/05 Letter from Roux Assoc. with results of gw analysis from 7/27/05. Concentrations of BTEX above GWQS in MW-2 (30ppb

benzene, 240ppb ethylbenzene, 182ppb xylenes). Concentrations in MW-3 were below GWQS. This appears to be due to residual soil contamination as indicated by boring logs. Potential for exposure from soil vapor is not expected, however, according to the report, a vapor barrier had been installed beneath the building.

Map Identification Number 65 **MULTIPLE DWELLING** **Spill Number: 9407888** **Close Date: 09/19/1994**
340 WEST 55TH ST. MANHATTAN, NY TT-Id: 520A-0094-538

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1952 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	XLCN MANAGEMENT	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	STEVE KING	Notifier Phone:	(212) 751-7511
Caller Name:	BOB DECK	Caller Agency:	PTRO TANK CLEANERS	Caller Phone:	(718) 624-4842
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/13/1994		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

CALLER:OIL CAME OUT OF UNCAPPED LINE. NYCDEP NOTIFIED VAC TRUCK PICKING UP OIL. WILL APPLY DRY-SOL. NO CALL BACK REQUESTED.

DEC INVESTIGATOR: 8:59 CALLED NOTIFIER ANSWERING SERVICE NO KNOWLEDGE OF SPILL. 9:01 CALLED VALECKI OIL DELIVERY OVERFILLRD TANK 400GAL. PETRO TANK CLEANERS SUCKED UP OIL LAYED DOWN SPEEDY DRY. OVERFILL IN SUB BASEMENT OIL CAME OUT VENT LINE. SUMP PUMP IN DIFFERENT PART OF BLDNG. PUBLIC AREAS NOT BAD. BASEMENT BAD. I GAVE HIM MY NUMBER SAID TO CALL BACK IF NOT PROPERLY CLEANED.

CLEANED UP.

Map Identification Number 66 **WEST 45TH ST & 10TH AVE** **Spill Number: 9000492** **Close Date: 08/02/1993**
WEST 45TH ST & 10TH AVE NEW YORK, NY TT-Id: 520A-0090-142

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2049 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: WEST 45TH ST / 10TH AVE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	HESS	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	MR. HENRY	Caller Agency:	NYCFD HAZ MAT	Caller Phone:	(212) 847-0588
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/14/1990	08/02/1993	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

Caller Remarks:

TANK LEAKING, GAS ODOR IN WATER, LEAKING TO TRACKS BELOW, SAMPLE TAKENOF WATER, DEC TO INVESTIGATE FURTHER.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 67 **EXCAVAVTION** **Spill Number: 0604434** **Close Date: 07/24/2006**
WEST 60TH BETWEEN 10 & 11 MANHATTAN, NY TT-Id: 520A-0102-517

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2126 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: WEST 60TH BETWEEN 10 / 11
Revised zip code: 10023

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERIC KUTTER - EXCAVAVTION	Spiller Phone:	(917) 613-5665
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	SMSANGES	Contact for more spill info:	ERIC KUTTER	Contact Person Phone:	(917) 613-5665

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/20/2006		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1500 GALLON TANK WAS BEING PULLED AND THE FILL PIPE WAS LOOSE AND IT DUMPED INTO THE HOLE; CLEANING UP AT THIS TIME

DEC Investigator Remarks:

Sangesland spoke with Eric Kutter requesting additional information on this spill.
Spill #0604434 was associated with removing 1500 gal oil storage tank - when they were pulling it out, they thought it was empty. After taking it out, tank rolled and about 1 gal of oil poured out. All was cleaned. The site will be soil tested (because it is a tank pull) and the area will be over excavated as part of the future construction.

Because this spill was so small and the site will be over excavated for the new construction, this spill case is being closed out. If additional contamination is found in the endpoint samples taken after the tank pull, a new spill number will need to be called in.

Note: Spill #0604424 is on the same property, but is located about 50 ft away and is associated with 8 - 550 gal buried gasoline tanks.

01/16/08- Shaminder - This spill is being handled under Track 4 area of BCP site C231059.

Map Identification Number 68 **MIDTOWN NORTH PRECINCT NYPD -DDC** **Spill Number: 9408524** **Close Date: 03/25/2002**
306 WEST 54TH STREET MANHATTAN, NY TT-Id: 520A-0094-548

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2177 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Affected Persons
Caller Name: OFFICER PIZZANO
DEC Investigator: JMKRIMGO

Spiller: NYC PD-MIDTOWN NORTH PCT
Notifier Name:
Caller Agency: NYC PD
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 767-8400
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/27/1994		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	AIR

Caller Remarks:

U/S TANK SUSPECTED OF LEAKAGE-ONGOING GASOLINE ODOR AT SITE FOR ONE TO ONE AND HALF YEARS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
3/25/2002. REMEDIATION COMPLETED UNDER DDC ORDER OF CONSENT. SEE FILE FOR DETAILS.

Map Identification Number 69 **SERVICE STATION** **Spill Number: 9713164** **Close Date: 12/22/1998**
624 10TH AVE MANHATTAN, NY TT-Id: 520A-0099-558

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2199 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION | Spiller: JP YOUNG - JP YOUNG | Spiller Phone: (212) 629-5890
Notifier Type: Other | Notifier Name: BRIAN KELLY | Notifier Phone: (212) 807-7900
Caller Name: JENNIFER ROMMEL | Caller Agency: DEC REG 2 | Caller Phone: (718) 482-4933 ext. 7
DEC Investigator: MMMULQUE | Contact for more spill info: FLORA GANDELMAN | Contact Person Phone: (212) 582-5790

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/25/1998		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

pulling tanks vapor complaints from neighbors

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
CONTAMINATED SOILS EXCAVATED DOWN TO BEDROCK SURFACE. BEDROCK INSPECTED BY MULQUEEN. BEDROCK SURFACE HAD CHANNELS CUT IN IT AND GROUNDWATER WAS DIRECTED TO SEWER SYSTEM. NO FURTHER ACTIONS REQUIRED.

Map Identification Number 70 **250 WEST 61TH STREET** **Spill Number: 9311683** **Close Date: 12/31/1993**
250 WEST 61TH STREET MANHATTAN, NY TT-Id: 520A-0095-276

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2205 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 250 WEST 61ST STREET
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: | Spiller Phone:
Notifier Type: Other | Notifier Name: | Notifier Phone:
Caller Name: MAC MCCARDLE | Caller Agency: COASTAL OIL | Caller Phone: (718) 746-2458
DEC Investigator: CAMMISA | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/31/1993	12/31/1993	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CONTAINED IN BASEMENT - NO DRAIN. MILRO ASSO. TO DO CLEAN UP (516)379-6100. COASTAL HIS A TEAM WORKING ON SPILL / WILL GET IT STEAM CLEANED ALSO.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 71 **643 W 43RD ST/UPS** **Spill Number: 9202362** **Close Date: 03/31/1995**
643 W 43RD ST/UPS NYC, NY TT-Id: 520A-0093-853

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2458 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 643 W 43RD ST
Revised zip code: 10036

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: Spiller Phone:
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: BOB ESPERTO Caller Agency: UPS Caller Phone: (212) 560-6349
DEC Investigator: RWAUSTIN Contact for more spill info: Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/22/1992	03/31/1995	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

EXCAVATING CONTAMINATED SOIL TO TANK TOP-25 TANKS TO BE CLOSED. STOCKPILING SOIL; WILL SAMPLE TEST & DISPOSE. SEE 9200470

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"

Map Identification Number 72 **643 W 43RD ST/UPS** **Spill Number: 9200470** **Close Date: 08/07/1995**
643 W 43RD ST NYC, NY TT-Id: 520A-0093-851

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2458 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10036

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: Spiller Phone:
Notifier Type: Other Notifier Name: Notifier Phone:
Caller Name: R RIVKIN Caller Agency: ALLIED ENV Caller Phone: (800) 969-3478
DEC Investigator: RWAUSTIN Contact for more spill info: Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/15/1991	08/07/1995	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

HIRED CONTRACTOR TO PULL TANK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"

Map Identification Number 73 **FDNY RESCUE 1** **Spill Number: 9706580** **Close Date: 07/06/1999**
530 WEST 43RD ST MANHATTAN, NY TT-Id: 520A-0099-562

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2561 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	TONY MARINO - NYC DEPT OF DESIGN/CONSTR	Spiller Phone:	(718) 391-1062
Notifier Type:	Other	Notifier Name:	LINDA COLLART	Notifier Phone:	(716) 856-5636
Caller Name:	LINDA COLLART	Caller Agency:	URS CONSULTANTS INC	Caller Phone:	(716) 856-5636
DEC Investigator:	JMKRIMGO	Contact for more spill info:	TONY MARINO	Contact Person Phone:	(718) 391-1062

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/02/1997		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SAMPLES FOUND CONTAMINATED SOIL ON SITE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
URS performed investigation. No further action required.

Map Identification Number 74 **940 8TH AVE** **Spill Number: 9512455** **Close Date: 06/24/1996**
940 8TH AVE NEW YORK, NY TT-Id: 520A-0094-534

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2631 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Spiller: BRUCE HINMAN - KNIGHT MAINTENACE CORP.
Spiller Phone:
Notifier Type: Other
Notifier Name: JENNIFER JUHAS
Notifier Phone: (212) 922-0077
Caller Name: JENNIFER JUHAS
Caller Agency: WARREN & PANZER ENGINEERS
Caller Phone: (212) 922-0077
DEC Investigator: SIGONA
Contact for more spill info: JENNIFER JUHAS
Contact Person Phone: (212) 922-0077

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/05/1996		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

tank was dug up from basement floor-at this time it was noticed

that there was soil contamination-still under investigation-

more soil samples to be taken from site

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

WARREN & PANZER ENGINEERS SUBMITTED RESULTS OF SITE CLEANUP AND INVESTIGATION AND INDICATED THAT GROSS CONTAMINATION HAS BEEN REMOVED. DEC SIGONA SENT A LETTER TO KNIGHT MAINTENANCE CORP. TO CLOSE THE SPILL CASE ON JUNE 24, 1996.

CLOSED STATUS TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 75 **N Y TELEPHONE** **Spill Number: 8704066** **Close Date: 04/27/1994**
770 11TH AVE MANHATTAN, NY TT-Id: 520A-0101-179
770 ELEVENTH AVE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 287 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	N Y TELEPHONE	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:	MIKE REARDON	Caller Agency:	NYFD	Caller Phone:	(718) 403-1231
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/14/1987		TANK TEST FAILURE	2-344710	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

4K TK FAILED PETRO-TITE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
REFER TO 8703912. SEE FILE.

Map Identification Number 76 **766 11TH AVENUE / NEW YOR** **Spill Number: 8703912** **Close Date: 04/27/1994**
766 11TH AVENUE MANHATTAN, NY TT-Id: 520A-0101-178
766 ELEVENTH AVE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 287 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	NEW YORK TELEPHONE	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	BATTISTA	Contact for more spill info:		Contact Person Phone:	

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/11/1987	04/27/1994	TANK TEST FAILURE	2-344710	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

UNCOVER / ISOLATE / RE-TEST.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: 4 K TANK - 1.26 GPH.

Map Identification Number 77 **783 10TH AVENUE** **Spill Number: 9402598** **Close Date: 09/19/1998**
783 TENTH AVENUE MANHATTAN, NY TT-Id: 520A-0093-886

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 454 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 783 10TH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:		Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	MURALI SAGAR	Caller Agency:	TONE TANK PUMP	Caller Phone:	(718) 331-5003
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/22/1994		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

EX. ISO - RETEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 78 **MOBIL S/S** **Spill Number: 9009654** **Close Date: 01/29/1991**
718 11TH AVENUE NEW YORK, NY TT-Id: 520A-0096-211

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Responsible Party
Caller Name: SCOTT GOTTSCHALL
DEC Investigator: DKHARRIN

Spiller: MIKE MEOLA - EXXONMOBIL
Notifier Name:
Caller Agency: MOBIL
Contact for more spill info: MIKE MEOLA

Spiller Phone: (516) 371-1527
Notifier Phone:
Caller Phone: (703) 849-5319
Contact Person Phone: (516) 371-1527

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/05/1990	01/29/1991	TANK TEST FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

LINE TEST, FAILED PETRO TITE, SUPER & REGULAR NO LEAD, (SUPER)-.017GPH& (REGULAR NO LEAD) -.21GPH, TYREE TO REPAIR & RETEST, TONY KHOURY (FIELD ENGINEER) 516-239-0266,1/5 RETESTED,PASSED,PETROTITE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"
Reassigned from DEC Sigona on August 4, 2003, as per Letter from

P. David Smith, Bureau Director, Remedial Bureau B.

DEC Sullivan was originally assigned to the spill, and transferred to DEC Sigona on Sept. 2000. Also, See spill nos. 0007323,

9400944, 9505594, 8904939.

Map Identification Number 79 **X** **Spill Number: 0209190** **Close Date: 01/24/2006**
520 WEST 50TH ST MANHATTAN, NY TT-Id: 520A-0093-798

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 769 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	BILL FAZIAN	Caller Agency:	CROWN LEAK	Caller Phone:	(516) 939-2959
DEC Investigator:	rmpiper	Contact for more spill info:	MARIA AILIVA	Contact Person Phone:	(212) 362-9298

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/06/2002		TANK TEST FAILURE	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

vent line is leaking - line will be repaired and retested

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
ARAKHAN 12/09/2002 TANK TEST FAILURE LETTER SENT ON 12/09.

02/04/04Transferred from Vought to Sawyer

12/1/05- DEC Piper spoke w/ property manger Marcia Trainor, at Merlot Mangement. TTF Letter faxed and mailed to her attention F 212.362.1036
She will start pulling file.

1/24/06- DEC Piper revieved info provided by Merlot Mgmt., replaced vent line and passed test on 2/26/03. Spill closed.

Map Identification Number 80 **HARBORVIEW HOUSES -NYCHA** **Spill Number: 9806616** **Close Date: 10/24/2005**
525 WEST 55TH ST MANHATTAN, NY TT-Id: 520A-0096-187

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 792 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	FRANK OCELLO - NYC HOUSING AUTHORITY		Spiller Phone: (212) 306-3229
Notifier Type:	Tank Tester	Notifier Name:	SAME		Notifier Phone:
Caller Name:	PAUL GOLDSTIEN	Caller Agency:	NYC HOUSING		Caller Phone: (212) 306-3233
DEC Investigator:	SWKRASZE	Contact for more spill info:	FRANK OCELLO		Contact Person Phone: (212) 306-3229

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/28/1998		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	30225	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

tank will be emptied and retested

DEC Investigator Remarks:

10/24/05: This spill closed to consolidate with open spill #0206086. S.Kraszewski

Map Identification Number 81 **HARBORVIEW TERRACE** **Spill Number: 9002419** **Close Date: 06/22/1995**
525 WEST 55TH ST MANHATTAN, NY TT-Id: 520A-0096-185

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 792 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: NYCHA Spiller Phone: (212) 306-3142
Notifier Type: Tank Tester Notifier Name: Notifier Phone:
Caller Name: SEBASTIAN LOREFICE Caller Agency: TANK TESTING INC Caller Phone: (718) 789-3770
DEC Investigator: HEALY Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
06/01/1990	06/22/1995	TANK TEST FAILURE	2-475440	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001		Unknown	0.00	UNKNOWN

Caller Remarks:

30K TANK FAILED HORNER EZY CHECK, VISUAL GROSS LEAK, WILL REPAIR LEAK & RETEST. UPDATE-SITE INVESTIGATION FOUND NO SIGNIF. ENVIRONMENTAL IMPACTS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 82 **CLOSED-LACKOF RECENT INFO** **Spill Number: 8804962** **Close Date: 03/05/2003**
711 12TH AVENUE NEW YORK CITY, NY TT-Id: 520A-0093-887

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1193 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 711 TWELFTH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	NYC/PORT AUTH. OF NY/NJ	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	RICHARD JOHANNESEN	Caller Agency:	PORT AUTHORITY OF NY/NJ	Caller Phone:	(212) 246-5451
DEC Investigator:	ADMIN. CLOSED	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/07/1988		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

7.5K TANK SYSTEM FAILED HORNER EZY WITH A LEAK RATE OF .07996GPH, LEAKIS POSSIBLY FROM ABOVEGROUND PIPING, TO PUMP TANK AND INVESTIGATE.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
03/05/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 83 **ATC MANAGEMENT** **Spill Number: 0509022** **Close Date: 03/17/2006**
605 WEST 48TH ST MANHATTAN, NY 10036 TT-Id: 520A-0093-823

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1204 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: JIM MELNICK
DEC Investigator: rvketani
Spiller: JOE BERNADI - ATC MANAGEMENT
Notifier Name: JIM MELNICK
Caller Agency: PROTEST
Contact for more spill info: JOE BERNADI
Spiller Phone: (917) 337-1702
Notifier Phone: (631) 321-4670
Caller Phone: (631) 321-4670
Contact Person Phone: (917) 337-1702

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/27/2005		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	550	Horner EZ Check I or II	0.00	UNKNOWN
2	550	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

no remarks.

DEC Investigator Remarks:

need to send a TTF letter

11/7/05 - Raphael Ketani. I am sending a TTF letter today regarding the site. I will send one copy to Angela Donnolo, ATC Management, 1501 Broadway, NY, 10036, and one to 605 West 48 Street, LLC.

Nov. 7, 2005

A "Tank Test Failure Letter" was sent to:

Joseph Dounolo
Advanced Cout. Corporation
605 West 48th St.
New york, NY 10036

12/1/05 - Raphael Ketani. Letter received from Thomas Leddy, President of Pro Test ((718) 815-6292. Piping is disconnected from the two tanks. Tanks are partially excavated. Studying feasibility of removing the tanks or bioremediation of soil around and under tanks.

12/21/05 - Raphael Ketani. I spoke to Mr. Leddy and he said that one tank was pumped out, but the other is still leaking into the sub-basement. Nothing has happened at the site, as far as he knows, and he doesn't know if another contractor was hired to cleanup the site.

1/4/06 - Raphael Ketani. I spoke to Mr. Joe Bernotas of ATC Management ((917) 337-1702). He is not the owner, but works for the owner. He said that the tanks are out of the ground and empty, but he is waiting for the environmental company to clean out the tanks and get rid of them.

2/8/06 - Raphael Ketani. Jerry Tiss of JLC ((212) 420-8119/ (917) 617-3894) called me to say that they removed the tanks. He said that the problem was a leaking fill line. I told him all of the contaminated soil has to be removed. He asked whether the soil under the sidewalk had to be removed. I told him "yes." He said he couldn't get too close to a neighboring building to get more contaminated soil as the wall is brick. I told him I would need an engineers letter telling me that he can't go any further. He said he would get it. Mr. Tiss said that he will take 2 end-point samples after removing the contaminated soil. I told him to send me the results. He said he would.

2/13/06 - Raphael Ketani. I received a FAX from Mr. Tiss. The letter discusses whether there is a need to remove more soil, but doesn't address safety, structural integrity issues. The letter states that the site has been satisfactorily remediated, pending the results of samples that were sent to the lab.

2/15/06 - Raphael Ketani. I received a revised 2/10/06 letter from Mr. Tiss of JLC. It states that they can't go any further without damage to the foundation and structural elements.

3/2/06 - Raphael Ketani. I tried to call Mr. Tiss, but could only leave a message.

3/15/06 - Raphael Ketani. I spoke to Mr. Tiss today. I asked him what is happening on the site. He said that they filled in the pit and have received the analytical soil results. I asked him to send the results.

3/16/06 - Raphael Ketani. I received the soil analytical results today.

3/17/06 - Raphael Ketani. I reviewed the soil analytical results and found them as either non-detect or a few SVOCs that were just above TAGM. In light of the received documentation and the engineer's letter, I am closing the case.

3/29/06 - Raphael Ketani. Mr. Bernotas of ATC Management called to request an NFA letter. I told him I will send one out for the

site.

Map Identification Number 84 **PIER 90/MANHATTAN** **Spill Number: 8804853** **Close Date: 11/14/1994**
PIER 90/MANHATTAN NEW YORK, NY TT-Id: 520A-0093-893

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1355 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: PIER 90
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: TOM DESENA
DEC Investigator: SIGONA
Spiller:
Notifier Name:
Caller Agency: TANK TESTING CO
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (718) 789-3770
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/01/1988	11/14/1994	TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

7.5K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 85 **CLOSED-LACKOF RECENT INFO** **Spill Number: 8805677** **Close Date: 03/05/2003**
PORT AUTHORITY PIER 92 NYC, NY TT-Id: 520A-0093-905

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1379 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: PIER 92
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: ROBERT CLARK
DEC Investigator: ADMIN. CLOSED
Spiller: DICK JOHANSEN - PORT AUTHORITY
Notifier Name:
Caller Agency: HAZCO
Contact for more spill info:
Spiller Phone: (212) 246-5451
Notifier Phone:
Caller Phone: (703) 620-4700
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/04/1988		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

HORNER-EZY CHEK VISIBLE LEAK. 15K, 2TK SYPHON FLANGE ON TOP DEFEC- TIVE. CLEANED W/OIL DRY ABSORBENT. TK PUMPED DOWN.
FLANGE WILL BE REPLACED & TK RETESTED.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
03/05/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 86 **EXXONMOBIL** **Spill Number: 9501523** **Close Date: 07/08/1997**
842 11TH AVENUE , NY TT-Id: 520A-0098-955

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1381 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	EXXONMOBIL	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	MARK FUFFKIN	Caller Agency:	N.D.C. ENVIRONMENTAL	Caller Phone:	(800) 964-7311
DEC Investigator:	DKHARRIN	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/05/1995		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
UNKNOWN PETROLEUM	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

TANK IS PROBABLY GOING TO BE REPLACED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"
This spill site has been transferred from DEC Sigona to Remedial

Bureau B, on August 4, 2003.

see spill #90-09804

Map Identification Number 87 **JANOVIC PAINT** **Spill Number: 0209507** **Close Date: 12/12/2007**
771 9TH AV MANHATTAN, NY TT-Id: 520A-0091-384

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1406 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CARMELLA - JANOVIC PAINT	Spiller Phone:	(718) 392-3999 ext. 2
Notifier Type:	Tank Tester	Notifier Name:	PHIL FAZIN	Notifier Phone:	(516) 939-2959
Caller Name:	PHIL FAZIN	Caller Agency:	CROWN LEAK DETECTION	Caller Phone:	(516) 939-2959
DEC Investigator:	rmpiper	Contact for more spill info:	CARMELLA DEL GEORGE	Contact Person Phone:	(718) 392-3999 ext. 2

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/16/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2500	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

recommend uncover, reapir & retest

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND/DO"

6/7/06- DECP iper took lead from Sue LAsdin due to associated spill at same address.

According to Environ, talks w/ employees revealed that there was a UST on site that has recently been abandoned in place. The Dept has no information on this tank and may be less than 1100 gal. Regardless, soil analytical and/or passing results before abandonment has not been received. Address currently using 2 manifolded 275 AST though used old fill line. This fill line has recently been replaced. If passing tank results cannot be provided, then boring will need to be performed.

9/28/06= DEC Piper reviewed subsurface investigation report. Due to refusal at shallow depths<3 ft., soil samples were not able to be collected. No organic vapors detected in these borings around tank. Borings around fill line revealed soil contamiantion. Further work is warranted.

6/19/07 DEC Piper spoke w. Drew Bonas w. Environ, He has been back and forth w. owner and will let me know outcome of upcoming meeting .

12/12/07- DEC Piper reviewed case. Based on spill info and site consitions, spill to subsurface was minimal and poses no significant threat to health and env. Residual contamination exists. This spill will be consolidated into 0514611. 0209507 will be closed.

Map Identification Number 88 **NYNEX** **Spill Number: 9408956** **Close Date: 08/06/1996**
624 WEST 48TH STREET MANHATTAN, NY TT-Id: 520A-0092-089

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1421 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 624 W. 48TH STREET
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	NYNEX	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	DAVE PIERCEY	Caller Agency:	LEXICON ENVIR. ASSOC.	Caller Phone:	(610) 344-3380
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/05/1994		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

WILL INVESTIGATE-POSS. REPLACE TANK

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"

Map Identification Number 89 **624 WEST 48TH ST** **Spill Number: 8709100** **Close Date: 02/23/1993**
624 WEST 48TH ST NEW YORK CITY, NY TT-Id: 520A-0091-674

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1421 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	NEW YORK TELEPHONE	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	BATTISTA	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
01/25/1988	02/23/1993	TANK TEST FAILURE	2-344818	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

7.5K TANK ISOLATED FROM PIPING, FAILED PETRO TITE TEST WITH A LEAK RATE OF -.395GPH.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 90 **TERRIFIC TENEMENTS** **Spill Number: 0102069** **Close Date: 04/13/2002**
425 W 48TH ST MANHATTAN, NY TT-Id: 520A-0091-221

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1541 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	SAME - SAME	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	ADVANCED TANK SERVICE	Notifier Phone:	(800) 440-8265
Caller Name:	PETER HOYLE	Caller Agency:	RELATED MANAGEMENT CO	Caller Phone:	(212) 521-6404
DEC Investigator:	SMSANGES	Contact for more spill info:	PETER HOYLE	Contact Person Phone:	(212) 521-6404

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/21/2001		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4000	Alternate Test per 613.5a2v	0.00	UNKNOWN

Caller Remarks:

tank is out of sevice. other # for caller 917-868-6174 cell

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
3/21/2002 Sangesland received a message from Curt Schmidt (from ATC) (212-353-8280 ext 326). He said he sent in a report in July 2001 and would like closure on the site. Sangesland asked him to resubmit the report, which he will now do.

Mr. Schmidt said he believes the tank failed a tank test, ATC did some borings around the tank in the courtyard which came back below STARS. The remote fill was replaced and the tank then passed the tank test. No contaminated soil was found.

If the report submitted backs up the summary above, the spill number will be closed out.

4/13/2002 Sangesland received another copy of this report.

Cover letter from Curt Schmidt (ATC) dated 4/3/2002 states that the tank in question (4,000 gal - #2 oil) has been re-lined; The manway has been rebuild and the UST has passed a pressure test on Aug 10, 2001.

UST Tank location is in the courtyard at the rear of the apartment building at 425 West 48th St. In June 2001, ATC advanced 5 borings to a level "just below" the bottom of the tank. 4 on each side of the tank and 1 in the presumed downgradient direction. ATC says "no physical or olfactory evidence of fuel oil was detected..... no groudwater was encountered". Samples were tested for VOC's and SVOC's (Methods 8021 & 8270). Trace levels of VOC's were found, but none exceeded the TAGM 4046 Levels.

Based on the sampling data presented by ATC and the documentation of the tank being rebuilt and retested, the DEC will close this spill number out.

4/13/2002 - Spill Closed.

Map Identification Number 91 **639 11TH AVE./MAHATTAN** **Spill Number: 8706049** **Close Date: 07/31/1997**
639 11TH AVE. NEW YORK CITY, NY TT-Id: 520A-0091-672

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1546 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	MR. GUTMAN	Spiller Phone:	(212) 247-2532
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	MMMULQUE	Contact for more spill info:		Contact Person Phone:	

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
10/16/1987		TANK TEST FAILURE	2-346810	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

NYCFD WAS AT SIGHT FOR TEST, MR. GUTMAN TO ARRANGE TO UNCOVER AND REPAIR LEAK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
09/27/95: WAS A BATTISTA SPILL MULQUEEN TOOK OVER IN REF. TO SPILL # 9504912. TRIED TO CONTACT OWNER NUMEROUS TIMES, NO REPLY.

AFTER CONSIDERING THE FACT THAT THE SPILL HAS OCCURRED A LONG TIME AGO, AND THE SPILL REMARKS INDICATE NO LONG-TERM FOLLOW-UP IS NEEDED. THIS SPILL HAS BEEN CLOSED.

Map Identification Number 92 **TOYOTA BUILDING** **Spill Number: 0104524** **Close Date: 01/09/2006**
623 WEST 57TH ST NEW YORK, NY TT-Id: 520A-0098-942

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1559 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	TOYOTA BUILDING	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:	ROMEO SANTOS	Notifier Phone:	(718) 587-1800
Caller Name:	ROMEO SANTOS	Caller Agency:	D C ENVIRONMENTAL SERVICE	Caller Phone:	(718) 857-1800
DEC Investigator:	VRNATTAN	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/27/2001		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4000	Alternate Test per 613.5a2v	0.00	UNKNOWN

Caller Remarks:

Caller reporting a tank test failure it was an above ground tank and a pressure test was used no spillage

DEC Investigator Remarks:

Vivek Nattanmai. December 29, 2005

Reviewed the spill report, identified the property owner and sent a letter dated 12/28/05 to the property owner requesting for information.

January 9, 2006

The letter was undelivered because of 'insufficent address'.

The report is closed because this is above ground tank and there are no testing requirements for above ground tanks. In addition to this, no spillage occurred.

SPILLS CLOSED ON JANUARY 9, 2006. VIVEK NATTANMAI.

Map Identification Number 93 **RESIDENCE** **Spill Number: 0206941** **Close Date: 11/29/2002**
454 WEST 47TH ST MANHATTAN, NY TT-Id: 520A-0091-360

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1709 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	RESIDENCE	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:	DAVID FAZIN	Notifier Phone:	(516) 939-2959
Caller Name:	DAVID FAZIN	Caller Agency:	CROWN LEAK DETECTION	Caller Phone:	(516) 939-2959
DEC Investigator:	SMSANGES	Contact for more spill info:	DAVID FAZIN	Contact Person Phone:	(516) 939-2959

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/04/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	3000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

small patch over leak with eboxy. no call back needed. unk contact info at residence.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
10/7/2002 - Sangesland sent out Tank Test Failure form letter to Ms. Suet Chau

c/o Leeds Associates

215 West 83rd St

New York, NY 10024

PBS # 2-147869

11/29/2002 Sangesland received a letter from Frank Segal of Leeds Associates (212-874-6400). Letter states that the tank was "pumped out, squeegee cleaned & welded" The tank was then retested on Oct 29, 2002 and passed. (Copies of test report attached).

Spill Closed

Map Identification Number 94 **COACH USA** **Spill Number: 0207335** **Close Date: 09/18/2006**
520 WEST 46TH STREET MANHATTAN, NY TT-Id: 520A-0098-247

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1787 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10036

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	RICH VIHONSKI - GRAYLINE COACH LINE USA	Spiller Phone:	(201) 888-1087
Notifier Type:	Tank Tester	Notifier Name:	JOHN HINKLE	Notifier Phone:	
Caller Name:	MATTHEW MATCHETTE	Caller Agency:	CROMPCO CORPORATION	Caller Phone:	(800) 646-3161
DEC Investigator:	aaobliga	Contact for more spill info:	MATTHEW MATCHETTE	Contact Person Phone:	(800) 646-3161

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/15/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	4000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

tank failed test - retry at later date.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
10/16/02 SA/OD TTF LETTER SENT.

FILE TRANSFERRED FROM VOUGHT TO OBLIGADO

1/19/06- Obligado - File review. From spill report, apparently a tank test failure for diesel tank, soil affected.

From PBS, number is 2-602720. There are 2 underground storage tanks at the site. The site was inspected on 11/4/04 by DEC Rossan. A NOV letter was subsequently sent. Among violations for USTs was a failure to test tanks and unreconciled inventory records. Check tank tightness records and there is no file for this site. Call number on PBS report, spoke to the President, George Greeve at (201)529-3666 (ext 1306), said they spend $600,000 to fix the problem and to call Rich Vihonski at (201) 225-7557 who can give all neeeded information. Called Nich and left message.

2/1/06 - Obligado - received email from Austin. Apparently this site has already been referred to legal for enforcement by Tipple. The text of email read as follows:

231032 Coach USA Bus Garage (Tipple)
no reference spill #
520 West 46th Street, Manhattan
RI end 01/31/06
status Notes: RP has failed to perform the required investigation & remediaiton. Repeated attempts to obtain required documentation have been unsuccessful. Case has been referred to DEC legal for enforcement.

9/18/06 - Obligado - Close and consolidate with open spill number 0206549.

Map Identification Number 95 **GASETERIA OIL CORP** **Spill Number: 0212404** **Close Date: 12/07/2005**
2-16 WEST END AVE MANHATTAN, NY TT-Id: 520A-0095-263

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1854 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Tank Tester
Caller Name: JIM DONELAN
DEC Investigator: aaobliga

Spiller: OSCAR PORCELLI - GASETERIA OIL CORP
Notifier Name:
Caller Agency: PROTEST
Contact for more spill info: ROBERTO

Spiller Phone: (718) 782-4200
Notifier Phone:
Caller Phone: (631) 321-4670
Contact Person Phone: (718) 782-4200

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/17/2003	02/25/2004	TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

NO COMMENTS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
3/17/2003 Zhao/DO: TTF letter sent.

3/14/2003-Vought-Spill transferred from Rommel to Vought. Odors reported at adjacent residence located at 12 West End Avenue (see spill #0212324). FDNY on-site and issued citation. FDNY left site by time of NYSDEC call-back.

4/24/2003-Vought-Site visit by Steve Muller (516-395-5957) on 3/17/2003. No detectable odors in adjacent residences found with

PID in building directly adjacent to north. Steve spoke with Rommel and Rommel requested soil borings. Steve submitted proposal to Gaseteria and will send it to NYSDEC upon their approval.

1/27/2004-Vought-File review by Vought:

Tank Test Failure Letter from DEC(Zhao)-3/17/03.

Email from Gannett Fleming(Manfred Bohms) to DEC(Rommel) 1/16/04. Gannett Fleming performed Phase II at 2-10 West End Avenue and wishes to submit results to DEC and discuss proposed remedial measures. Contact info for Bohms is (516)671-8440x1308 and fax 516-671-3349.

Phone Conversation between DEC(Vought) and Bohms-1/23/04. Removal of three active USTs and ten more USTs suspected on-site. Gasoline contaminated soil and groundwater discovered. Gaseteria no longer owner of site. New owner is 2-10 West End Avenue Association, LLC. 419 Park Avenue South NYNY Mr. Terry Soskin 212-889-3500. Site will become apartment complex via excavation to bedrock or below groundwater (whichever is encountered first). Dewatering permits will be obtained if necessary.

Phase II Report-Gannett Fleming-Manfred Bohms-1/21/03. Phase II conducted at 2-14 West End Ave. Gaseteria formerly located at 2-10 West End Ave and a former auto repair garage located at 14 West End Ave at the corner of W60th St. Naeva Geophysics conducted radar survey on 12/8/03 and found three (4000-gallon) gasoline USTs, three dispenser islands and "three areas that USTs were suspected to be located south of the northernmost in-service 4000-gallon UST". The three areas are suspected of housing nine USTs and one additional UST was discovered totalling thirteen USTs. The radar survey of 14 west end Ave did not detect the presence of USTs but two 275-gallon ASTs were observed the in the basement. Nine geoprobes were performed at 2-10 West End Ave and one boring was performed at 14 West End Ave. Four groundwater samples were also collected. Soil analyticals show 73ppb benzene(SB3), 2900ppb xylene(SB3), 3000ppb MTBE(SB3), 440ppb MTBE(SB5), 10000ppb xylene(SB5), 820ppb benzene(SB4), 21000ppb benzo(a)anthracene(SB1), 19000ppb benzo(a)pyrene(SB1), 14000ppb napthalene(SB7). Soil analyticals also show minor SVOC TAGM 4046 exceedances attributable to fill material. Groundwater analyticals show 230ppb benzene(SB3GW), 190ppb benzene(SB4GW), 800ppb benzene(SB5GW) and 14ppb benzene(SB6GW), 17ppb napthalene(SB3GW), 52000ppb MTBE(SB3GW), 38000ppb MTBE(SB4GW), 420ppb MTBE(SB5GW), 88ppb napthalene(SB5GW) and 19ppb MTBE(SB6GW).

NYSDEC requires:1)updated PBS registration 2)Stipulation Agreement due to scheduled construction of residential building 3)delineation across West End Avenue, across 59th Street and on southwest corner of 59th Street and West End Ave 4)EPA Method 8260 and 8270 analysis due to napthalene, benzo(a)anthracene and VOCs in groundwater. Vought called Bohms to explain requirements and left message to return call to DEC. Vought sent STIP with above requirements on 1/29/2004.

1/29/2003-Vought-Spoke with Steven Muller (516-395-5957). New owner is Cambridge Company. Money held in escrow for Gaseteria to clean up site. Gannett Fleming will prepare RAP. DEP also involved in site. Gaseteria shutting down dispensers and fencing property today. Gaseteria will perform standard tank pull and remove concrete and prepare Tank Closure Report and review RAP with respect to Gaseteria property. Gaseteria will remediate groundwater within discharge limits. Amtrak tunnel adjacent to property.

2/3/04-Vought-Received call from Barbara Herr(Ten West End Development Corp. 212-453-3785) that incorrect two different spill numbers are on STIP package sent 1/28/04. Vought corrected STIP, refaxed and remailed with 3/5/04 deadline.

2/9/04-Vought-Received email from Bohms. "An Amtrack rail line passes diagonally across West End Avenue from north to south

between W. 58th Street and W. 60th Street". DEC's requested well locations are positioned on top of rail line. "Additionally, Amtrack and IRT yards are located further to the west".

2/18/04-Vought-Received certified letter return as underliverable due to "attempted not known". Vought called Herr and left message to return call to DEC either confirming receipt or with correct address.

2/25/04-Vought-Spoke with Muller and Gannett Fleming will be preparing a RAP which includes STIP requirements. Muller will confirm that wells cannot go across street due to location of the tunnel.

2/27/2004-Vought-Received signed Stipulation Agreement from Cambridge Companies (Perry Soskin) executed on behalf of 10 West End Development Corp, LLC. Stipulation was implemented by DEC Kunkel on 3/11/04. Implemented Stipulation was not sent to 10 West End Development due to expected Stipulation Agreement from Gaseteria regarding 2-10 West End Avenue. Vought wanted to ensure that Gaseteria sign Stipulation due to the majority of contamination originating from Gaseteria property. Vought received Hazardous Waste Mitigation Plan from Gannett Fleming.

3/18/04-Vought-Site meeting with Vought(DEC), Muller(Applied Geosolutions), Porcelli(Gaseteria), Madigan(Gannett Fleming), Bohms(Gannett Fleming) and Soskin(Cambridge). Stipulation Agreement signed by Gaseteria after assurance by DEC that Gaseteria would only be held for contamination eminating from 2-10 West End and not 14 West End. Gaseteria will peform test pits to identify areas of soil contamination and find stockpiling sites. If contaminated soil is found in test pits it will be excavated and endpoint samples will be collected. Construction of the residence scheduled to begin in July/August 2004. Standing water present in railroad tracks containing algae inferring that the water has been there for long time and is groundwater (depth corresponds approximately with expected depth to groundwater). No sheen or odor from water in railroad tracks. DEC will not require off site water samples from far side of tracks AS OF YET due to lack of hydraulic connection to site inferred by water in tracks. Meeting resulted in the following requirements: 1)EPA Method 8260/8270 due to gasoline, fuel oil, waste oil and hydrualic oil. 2)Regular intermittent (initial, during and final) sampling of dewatering water for 8260/8270 for study of groundwater contamination and remediation 3)Due to adjacent railroad tracks no offsite wells are required (dewatering samples will be used for groundwater investigation).

3/25/04-Vought-Review of Hazardous Material Mitigation Plan (Gannett Fleming) dated February 2004. "This Mitigation Plan is required by the New York City Department of Planning and DEP for the redevelopment of the site". Plan included installation of monitoring wells (not feasible after rexamination of railroad tracks). Soil planned to be excavated to groundwater or bedrock (two story underground garage planned for new building). Plan also proposed installation of a foundation vapor barrier, removal of all onsite USTs, removal of contaminated soil, community air monitoring program and dewatering activities. In addition to above requirements, DEC approves workplan except for: 1)installation of monitoring wells 2)Method 8021 (DEC requires 8260).

3/25/04-Vought-Sent letter to Gaseteria and 10 West End Development approving of Mitigation Plan with additional requirements of: 1)EPA Method 8260/8270 on all samples due to gasoline, fuel oil, waste oil and hydrualic oil. 2)Regular intermittent (initial, during and final) sampling of dewatering water for 8260/8270 for study of groundwater contamination and remediation 3)Due to adjacent railroad tracks, no offsite wells are required (dewatering samples will be used for groundwater investigation) DEC requires removal from plan of: 3)installation of monitoring wells 4)Method 8021 (DEC requires 8260). Vought sent letter summarizing above on 3/25/04.

4/5/04-Vought-Reviewed DRAFT mitigation plan incorporating above requirements as requested by Gannet Flemming prior to submission to DEC. Vought sent email to Bohms and Muller with edits.

4/6/04-Vought-Received phone call and email from Bohms discussing edits and Mitigation Plan approved by DEC Vought. Vought sent letter to Bohms approving of plan.

4/13/04-Vought-Received letter sent to Soskin returned to sender as "not deliverable as addressed". Letter was addressed as:

Mr. Perry Soskin
2-10 West End Associates, LLC.
419 Park Avenue South
New York, NY 10016
Fax: 212-889-5131

Vought called Herr and requested call back to DEC with correct mailing address.

5/4/04-Vought-Spoke to Steve Muller and two additional USTs discovered (one 275-gallon) waste oil and one (2000-gallon) heating oil. Muller will update PBS registration. Excavation still continuing until clean soil detected. Site visit scheduled for 4/17/04.

5/13/04-Vought-Vought spoke to Muller and site visit arranged for 5/17/04 to examine limits of excavation and locations of endpoint samples.

5/19/04-Vought-Performed site visit on 5/17/04. Approximately 1700 tons of impacted soil was removed. USTs removed included three (4000-gallon) gasoline USTs, fifteen (550-gallon) gasoline USTs, one (1000-gallon) fuel oil UST, one (550-gallon) waste oil UST, one (2000-gallon) fuel oil UST and one (275-gallon) waste oil UST. Building excavation will continue to sidewalk and to groundwater. Dewatering projected to begin in 9/03. UST closure report expected to be received by 7/1/04.

9/16/04-Vought-Called Bohms for an update. Muller preparing draft UST Closure Report. Dewatering plan not drafted as excavation for foundation has not started. DEC will be notified upon beginning excavation.

10/6/04-Vought-New file review by Vought:

Split Spoon Sample Analysis (Gannett Fleming)-6/14/04. "As you are aware, Gannett Fleming split two post excavation soil samples..." There are some discrepancies between our results, mainly the xylenes concentrations in the northeast sample". Applied Geosolutions sample showed 1660ppb xylene and Gannett Fleming sample showed 10700ppb xylene.

Additional Soil Sampling (Gannett Fleming)-6/14/04. "...we are submitting the analytical data from additional soil sampling performed by Gannett Fleming..." "This soil sampling was conducted to confrim our belief that soils in the eastern portion of the property were cross-contaminated during soil remediation activities". "Please note that these results do not represent post-excavation conditions. Additional excavation is planned at the site".

Groundwater Sample Analysis (Gannett Fleming)-6/18/04. "....Gannett Fleming collected three groundwater samples from test pits excavated by Gaseteria on June 8 and 9, 2004". Groundwater analyticals show 170ppb MTBE(NWTPGW), 360ppb benzene(SWGW), 2500ppb toluene(SWGW), 1200ppb ethylbenzene(SWGW), 5800ppb xylene(SWGW), 7200ppb MTBW(SWGW), 16ppb benzene(WGW), 15ppb toluene(WGW), 44ppb xylene(WGW) and 1100ppb MTBE(WGW).

DEC requires: 1)collection of endpoint soil samples at final terminus of excavation for foundation. Vought sent email to Muller and Bohms with above requirement and requesting status of further excavation for foundation and dewatering.

10/7/04-Vought-Received call from Bohms. Vought returned call and left message to return call.

10/8/04-Vought-Received message from Bohms and returned call and left message.

10/19/04-Vought-Site visit by Vought to witness collection of endpoint soil samples. Onsite were Gannett Fleming(Dennis), Applied Geosolutions(Muller) and Perry Soskin. Soskin requested letter from DEC stating that we were satisfied for cleanup for application for foundation permit. Soil still present in excavation (not excavated to bedrock yet) and fieldstone from former building foundations for sidewalls. Since further excavation is planned, these endpoints will not be considered. During collection of endpoint soil sample from under UST location, free product and heavy gasoline odors noted. Vought called Perry Soskin and left message in order to notify him that DEC would not produce the letter due to oustanding DEC requirements for remediation, non adherence to the CAP and possible H&S impacts to future residents.

11/23/04-Vought-Reviewed Underground Storage Tank Closure Report (Applied Geolsolutions) dated 11/9/04. "The service station was comprised of three petroleum USTs in two tank cavities and three pump islands with seven dispensers". To the north of the site is an office building (to be razed for the new residential apartment tower), to the east is an automotive repair facility, to the south is a multi-level parking garage and to the southwest is an IRT building housing a power plant for the subway system, to the west is a parking lot". Sensitive receptor survey shows closest receptor as school located 500' to the north. Bedrock encountered 5" below grade in northeast corner of the site. Wood, coal ash and slag found in the southern portion of the site. Groundwater present at 15' below grade. Former site assessment by Gannett Fleming showed groundwater concentrations of groundwater concentrations up to 43ppb toluene, 1500ppb ethylbenzene, 9400ppb xylene and 6600ppb 1,2,4-trimethylbenzene. Tank removals included three (4000-gallon) gasoline USTs, one (550-gallon) waste oil UST, ten (550-gallon) gasoline USTs, one (1000-gallon) heating oil UST, one (275-gallon) motor oil UST, and one (2000-gallon) heating oil UST. Report contains many endpoint analyticals from various eexcavation pits that were created (some of which were filled back in) however the Department is only concered with endpoint sampling from the final limits of excavation. Approximately 4042 tons of impacted soil were removed from the site. Community Air Monitoring as per DER-10 was performed during soil excavation and disposal. Report concluded that "based on the UST removal and site remediation activities, Gaseteria has adequately delineated the petroleum contamination in the onsite soils and conducted sufficient excavation to remove the petroleum contaminated soil from the site". No requirements issued as further excavation and dewatering will occur due to foundation construction.

1/6/05-Vought-Spoke to Manfred and DOB will not issue permits until they receive regulatory letter. Manfred will draft a letter and send it to DEC for signature and revision.

1/31/05-Vought-Reviewed manfreds draft letter and all points of letter approved by DEC in 4/7/04 approval letter of Plan. Vought called Manfred back who will call Cambridge to have them contact DEC.

3/4/05-Vought-Received message from Manfred. Vought returned call and spoke to Manfred who is completing test pit report. Six test pits were installed (two on Gaseteria property). Test pits were dug to groundwater. Groundwater at 15' below grade across entire site. Bedrock at 11' on east side. Groundwater samples collected during test pit installation. In 3/04 or 4/04 general excavation will begin and contaminated soil will be segragated and disposed of accordingly. Letter referred to above on 1/6/05 will be cc'd and sent to NYCDEP.

3/18/05-Vought-Received and reviewed Test Pit report (Gannett Fleming) dated 3/8/05 and received on 3/10/05. "As part of pre-construction work, Gotham Greenwich Construction (Gotham) excavated seven test pits at 2-16 West End Ave..." "During excavation petroleum contaminated soil was observed immediately above the groundwater interface and petroleum sheen on the groundwater surface in TP-1 and TP-3. Since TP-1 and TP-3 were not located on the former Gaseteria property and the contamination observed in these pits is not likely to be assoicated with NYSDEC Spill Number 0212404, Gannett Fleming notified NYSDEC and Spill number 0412188 was assigned to the property. Six groundwater samples were collected. Groundwater analyticals show 600ppb benzene(TP5), 700ppb toluene(TP5), 810ppb ethylbenzene(TP5), 2100ppb xylene(TP5), 3200ppb MTBE(TP5), 26ppb benzene(TP6), 16ppb toluene(TP6), 150ppb ethylbenzene(TP6), 310ppb xylene(TP6) and 510ppb MTBE(TP6). "Contaminated groundwater will be removed from the site as part of the dewatering system operated during foundation construction as indicated in the approved Hazardous Material Mitigation Plan".

3/18/05-Letter from Gannett Fleming to NYCDEP Cabbagestalk dated 3/9/05. The remaining work to be completed is excavation of remaining contaminated soil, treatment and discharge of contaminated groundwater and installation of a vapor barrier. "Since these three items are an integral part of the construction phase of site development, a Department of Buildings permit for the construction of the building must be secured before the remaining remedial measures can be implemented. Therefore we request that you provide the necessary approval so the construction permit can be obtained".

3/19/05-Vought-Received call from ASR Muller who was requesting concentration limitations for treatment. Vought gave Muller NYCDEP Nazaire to call for limits.

6/3/05-Vought-Received message from Manfred Bohms (Gannett Flemming). Vought returned call and spoke to Bohms. In sidewalk in southwest corner of site a utility structure was found made of bricks extending to 30’ below grade with oil at bottom. Sample collected for fingerprinting. No excavation performed as of yet as piling will be driven soon. Soil to begin being removed next week. Dewatering unit will be delivered and set up next week and will be running in a few weeks and predwatering sample will be collected. Bohms will contact DEC upon obtaining dewatering permit from DEP.

6/9/05-Vought-Received call from Bohms that product in sidewalk vault is dielectric fluid with no PCB content. Vought returned call and calls were placed to ConEd and will be reporting spill to hotline and no product recovery as of yet.

6/16/05-Vought-Letter from ASR Muller to DEC Vought-6/10/05. "In a correspondence dated October 15, 2004 (attached) the requirement of a vapor barrier and/or passive venting system to prevent vapor migration was added to the Stipulation Agreeement implemented by the NYSDEC on March 11, 2004. Based on the following information this additional requirement is no longer needed". Info provided: 1)basement of building will be garage and "as part of construction a ventiulation system will be installed in the basement to evacuate vehicle exhaust" 2)removal of 4042 tons of impacted soil 3)dewatering of site 4)removal of any new contaminated soil encountered during dewatering 4)installation of "structural waterproofing membrane" to prevent groundwater intrusion into the subfloors. "Therefore I kindly request that the added requirement of a Vapor Barrier of any kind be removed from the Stipulation Requirements". Vought sent letter no longer requiring installation of vapor barrier provided the installation of the vehicle exhaust system and the waterproofing membrane.

6/16/05-Vought-Letter from Gannett Fleming (Bohms) to DEC Vought-6/10/05. "As requested we have prepared this letter to document the actions taken regarding the discovery of dielectric fluid in a utility vault under the sidewalk immediately southwest of 10 West End Avenue". Free product about 10" thick and new spill was called in by ConEd. Oil is "100% Feeder 51 dielectric fluid". Analytical fingerprint results included with letter.

6/20/05-Vought-Received call from Steve Hicks (Gannett Fleming). Vought returned call and spoke to Hicks and WR Grace vapor barrier system is being installed. Vought faxed him copy of 6/16 letter and June 10, 2004 letter.

7/19/05-Vought-Site visit by Vought with Gannet Flemming(Bohms and Hicks) and ASR Muller. Dewatering system started on 7/11/05 and initial water samples collected same date. Analyticals of groundwater still not back from lab. Sheen observed on groundwater (no free product). Dewatering system will be sampled monthly and will have 2-3 extraction points. Expected time of system operation is five months. Dewatering not taken place due to awaiting discharge permit from NYCDEP. Additional contaminated soil to be removed. No vapor complaints received to date and non-detected during site visit. DEC requires: 1)endpoint samples to be taken at terminus of excavation despite depth below groundwater. No dielectic fluid observed in excavation.

9/12/05-Obligado- Spill transferred from Vought to Obligado.

9/30/05- Obligado- Called Steve Muller at ASR to inquire about dewatering activities. Left message.

10/3/05- Obligado - Spoke with Manfred Bohms (516) 671-8440. Said they took an soil endpoint sample, tried to call DECVought prior to sampling, but unable to reach him, so they took sample anyway. Site status - excavation, dewatering, gw sampling, is ongoing and should continue for about 2 months before foundation is laid. A letter report containing results of soil and gw sampling should be received by the department in about 3 weeks.

10/4/05 - Obligado - Spoke with Steve Muller, site meeting scheduled for 10/6/05 at 1000.

10/5/05- Obligado - Phone conversation with Manfred Bohms, Fleming will be onsite on 10/6/05 to take soil samples from bottom of footing excavation. Agree to meet Dennis Matigan on site.

10/6/05- Obligado - Site visit with DEC Sun, Dennis Mattigan (516)578-9415 (Ganette Fleming), Muller (ASR) and Tomasello (ASR). Excavation ongoing, down to approximately 30 ft bgs beneath former gaseteria portion of site (southern half). Excavation proceeded down into bedrock, and footings will be installed into bedrock so soil samples from footing excavation could not be taken. DEC requires: Since base of excavation is in bedrock, 1) no enpoint soil samples need to be collected. 2) Collect one ground water sample from sump pit dug down into bedrock. At time of site visit, sump pit dry due to dewatering, so Fleming and ASR will each collect 1 ground water sample the following morning, when sump pit has recharged.

10/24/05 - Obligado - Review closure request by ASR, based on ground water sample collected from sump pit in bedrock below limits and soil on Gaseteria half of property completely removed. Request NFA. Wait to get results from Gannete Fleming, who also collected samples and has been taking monthly ground water samples from dewatering system.

10/25/05 - Obligado - Dennis Mattigan (Gannet Fleming) called from Gannet Fleming. Said they had reached the extent of excavation (approximately 35 ft bgs)in northwestern portion of the site. Did not encounter bedrock at base of this area of excavation. Told Dennis to collect
two soil endpoint samples.

10/26/05 - Obligado - Steve Muller called, said that they were installing a moisture barrier on the southern half of the site.

10/27/05 - Obligado - Call Dennis Matigan, inform him that DEC will visit site to see membrane installation.

11/16/05 - Obligado - Received call from Dennis Matigan, he will be collecting a soil sample from below a footing in the northern portion of the site.

11/29/05 - Obligado - Spoke to Manfred Bohms, said he will send GW results from dewatering tomorrow. Soil excavation almost complete. No more soil endpoint samples will be collected due to bedrock.

12/7/05 - Obligado - Meeting with Gaseteria. NFA granted. Sent letter 12/8/05

Map Identification Number 96 **Spill Number: 0206999** **Close Date: 06/03/2003**

525 WEST 45TH ST MANHATTAN, NY TT-Id: 520A-0096-818

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1888 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	SOL - SOL	Spiller Phone:	(845) 624-0533
Notifier Type:	Tank Tester	Notifier Name:	SAME	Notifier Phone:	
Caller Name:	PHIL FAZIN	Caller Agency:	CROWN LEAK DETECTION	Caller Phone:	(516) 939-2959
DEC Investigator:	TJDEMEO	Contact for more spill info:	SOL	Contact Person Phone:	(845) 624-0533

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/07/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

no comments

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
PBS #2-605827

10/7/2002 DeMeo responded to the site and witnessed the tank test failure.

5/8/03 TJD

Demeo contacted by Paul Stewart (ACT) who has been retained by Dime Savings Bank to perform an investigation at 525 W45th Street due to tank test failure. Mr. Stewart stated (4)borings were installed soil/groundwater samples taken from each location. He reports no contamination found. Mr. Stewart was not aware the Department is pursuing an enforcemnt case against registered tank owner for non-compliance.

Mr. Stewart will be submitting a work plan to further investigate this property including either removing tank or sampling soils beneath tank and investigating buried fill line.

See also spill 0206549

5/22/03 TJD

Site visit. Demeo on site to witness uncovering of 2,000 UST. When manway was accessed tank contained approximately 60 gallons of #2 Fuel Oil. Tank had previously been pumped dry and cleaned by PTC. Unknown how oil reemerged into tank. A small hole was cut into tank bottom and a soil sample was collected. No visual or olfactory indicators or contamination were present in sample. Laboratory analysis subsequently revealed all petroleum constitituents are below TAGM. Fill and vent lines were removed from tank and properly disposed.

5/29/03 TJD

Site visit. Demeo on site to witness excavation, removal and inspection of feed and return product lines. Action Environmental performing work under supervision of ACT. Product lines were excavated from tank to perimeter of tenant space. A small excavation was opened inside tenant space where product lines penetrate foundation wall (beneath slab) from boiler room. No visible or olfactory indicators of petroleum contamination was identified in area of piping runs.

6/3/03 TJD

Closure report submitted by ACT. NFA letter issued.

Additional notes:

9/24/02 Amtrack spill reported (0206549)

9/28/02 Letter sent to Tokay Realty requiring tightness test

10/7/02 Tightness test conducted (tank failed)

10/22/02 Letter requiring retest and/or tank closure sent

10/22/02 Tightness test performed (tank failed)

10/28/02 Follow-up letter sent requiring subsurface investigation

10/29/02 Tank taken out of service. Temporary tank installed.

2/21/03 New 1500 gal AST installed (not registered)

6/3/03 NFA issued. Old 2000 gal UST still active in PBS.

New 1500 gal AST not registered.

Map Identification Number 97 **416 WEST 47TH STREET** **Spill Number: 9909811** **Close Date: 06/13/2005**
416 WEST 47TH ST NEW YORK, NY TT-Id: 520A-0092-667

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1965 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Tank Tester
Caller Name: KEVIN BARTLEY
DEC Investigator: GWHEITZM

Spiller: VITO CUTUGNO - GRL PROPERTY INVESTORS
Notifier Name: KEVIN BARTLEY
Caller Agency: USA TANK
Contact for more spill info: VITO CUTUGNO

Spiller Phone: (718) 631-3108
Notifier Phone: (718) 384-9151
Caller Phone: (718) 384-9151
Contact Person Phone: (718) 631-3108

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/12/1999		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2500	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

DEC Sigona requested that tank testor report this spill to hotline

DEC Investigator Remarks:

06/13/05 Heitzman: See PBS 2-602413. 3000-gallon tank closed in place and replaced with unknown, unregulated (<1100 gal) tank.

Map Identification Number 98 **ST CLEMENTS** **Spill Number: 0308286** **Close Date: 04/12/2006**
423 WEST 46TH ST MANHATTAN, NY TT-Id: 520A-0099-575

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2007 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	SAME - SAME	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:	SAME	Notifier Phone:	
Caller Name:	PHIL FAZIN	Caller Agency:	A-1 CROWN LEAK CORPOATION	Caller Phone:	(516) 375-5890
DEC Investigator:	GWHEITZM	Contact for more spill info:	SETH	Contact Person Phone:	(212) 246-7277 ext. 0

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/05/2003		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

Tank test failure at above location. Repairs to line to be made and tank retested.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
send tank test letter

PBS 2-404772 indicates that the 2000 gal tank is above ground with suction piping and exempt from testing.

6/15/05 Heitzman: Sent letter to church requesting additional documentation on repairs to line and possible re-test.

4/12/06 - No response received from property owner. However, based on judgement and the spills closure guidance, this appears to be one that can be closed out. They will have a higher authority to answer to.

Map Identification Number 99 **HESS/MERIT** **Spill Number: 8807538** **Close Date: 10/18/2004**
502 W 45TH ST NYC, NY TT-Id: 520A-0099-586

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2136 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Tank Tester
Caller Name: BOB MENNIGKE
DEC Investigator: WXSUN

Spiller: SAME
Notifier Name:
Caller Agency: GASOLINE INSTALLATION
Contact for more spill info:

Spiller Phone: (212) 245-6594
Notifier Phone:
Caller Phone: (516) 371-2070
Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/13/1988		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

2 4K TANKS SYPHONED TOGETHER FAILED PETRO. L R = -0.554 GPH. ORIG. INVESTIGATED BY GRATHWOL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"
11/06/01: MF-R9 OTHER SPILLS AT SITE 9314775, 8807198,CLOSED 9516313,CLOSED, 9604842, CLOSED, 9415731, CLOSED.

02/18/2004- AUSTIN - REASSIGNED TO SUN

10/15/04-On 10/15/04 Sun sent a letter to Michael Matri of Hess requiring by 11/30/04 to submit the following information: 1)Tank Closure Report, 2)Locations of tank and/or line test failure, 3)Subsurface investigation report, including current and historical soil and groundwater analysis, and 4)A surrounding property sketch including property layout and usage.

10/18/04-On 10/15/04 Sun received from Micael Matri of Hess a Revised Spill Closure Report, prepared by EnviroTrac, dated December 2002. The report indicated that Hess removed 2,150 tons of soil from the site. Out of 20 soil samples collected following the UST removal, VOCs were detected in excess of their respective TAGM guidelines in only 3 (SP-2, SP-3 ans SP-10). Semi-VOCs were detected above their respective TAGM guidelines in only 2 of the samples (SP-14 and SP-20). Since there are no potable water supply well within a 1/4-mile radius of the site and this spill occurred prior to the removal of the 2,150 tons of soil that Hess removed during the UST removal, and only few VOC and SVOC concentrations higher than the NYSDEC standards,this spill is closed.

Map Identification Number 100 **502 WEST 45TH ST/HESS** **Spill Number: 8807198** **Close Date: 03/19/2003**
502 WEST 45TH STREET MANHATTAN, NY TT-Id: 520A-0099-585

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2136 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION | Spiller: HESS OIL | Spiller Phone:
Notifier Type: Tank Tester | Notifier Name: | Notifier Phone:
Caller Name: WILLIAM PANDOLFO | Caller Agency: GASOLINE INSTALLATIONS | Caller Phone: (516) 371-2743
DEC Investigator: SMSANGES | Contact for more spill info: | Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/30/1988		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 101 **306 W 54TH STREET** **Spill Number: 9303944** **Close Date: 03/25/2002**
306 WEST 54TH STREET MANHATTAN, NY TT-Id: 520A-0094-547

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2177 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: NYC - RAVI | Spiller Phone: (718) 476-7574
Notifier Type: Tank Tester | Notifier Name: | Notifier Phone:
Caller Name: MR. LEFKOWITZ | Caller Agency: TANK TESTING | Caller Phone: (718) 230-5664
DEC Investigator: JMKRIMGO | Contact for more spill info: | Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/28/1993		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

TO REPAIR - RETEST

SAME AS SPILL # 9302675.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
INITIALLY ASSIGNED TO S. MILLER. TRANSFERRED TO J. KRIMGOLD AS PART OF DDC CONSENT ORDER.

Map Identification Number 102 **MIDTOWN NORTH PRECINCT NYPD -DDC** **Spill Number: 9302675** **Close Date: 03/25/2002**
306 WEST 54TH STREET MANHATTAN, NY TT-Id: 520A-0094-546

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2177 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: NY POLICE DEPT. | Spiller Phone:
Notifier Type: Tank Tester | Notifier Name: | Notifier Phone:
Caller Name: MITCM LEFKOWITZ | Caller Agency: TANK TESTING INC. | Caller Phone: (800) 732-8365
DEC Investigator: JMKRIMGO | Contact for more spill info: | Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/27/1993		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

NO ACTIONS TAKEN FOLLOWING FAILURE - NO CALL BACK - RE-TEST.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
10/10/95: This is additional information about material spilled from the translation of the old spill file: TTF.

03/25/2002. REMEDIATION COMPLETED UNDER DDC OREDER OF CONSENT. SEE FILE FOR DETAILS.

Map Identification Number 103 **APARTMENT COMPLEX** **Spill Number: 9911768** **Close Date: 03/06/2006**
438 W.45TH ST MANHATTAN, NY TT-Id: 520A-0092-693

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2238 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	JONAS REAL ESTATE - APARTMENT COMPLEX	Spiller Phone:	(631) 466-3333
Notifier Type:	Tank Tester	Notifier Name:	A LOPEZ	Notifier Phone:	
Caller Name:	JOHN LEDDY	Caller Agency:	PROTEST ENTERPRISES	Caller Phone:	(516) 321-4670
DEC Investigator:	rshough	Contact for more spill info:	JONAS REAL ESTATE	Contact Person Phone:	(631) 466-3333

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/10/2000		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

WILL ISOLATE AND RETEST.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

3/6/06 R. Hough - The spill report indicates a tank test failure, with no release of product. Supporting documentation (PBS Registration issued 11/7/03) indicates that the tank is in service with no further requirement for tank testing. Thus this spill is closed.

Map Identification Number 104 **TANK TEST FAILURE TTF** **Spill Number: 1009654** **Close Date: 01/13/2011**
341 W 45TH ST NEW YORK, NY TT-Id: 520A-0258-163

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 2615 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	SHERRINGTON HOLDINGS LLC	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	BKFALVEY	Contact for more spill info:	SOFIA RUSZCZYK	Contact Person Phone:	212 686 5588

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/10/2010		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

Tank test Failure. Caller advised it is a dry leak.

DEC Investigator Remarks:

1/13/11 Received letter from Protest. Tank failed because of vent line. Repairs made. No contamination found. Passing ttt report dated 1/4/11 was attached. bf

Map Identification Number 105 **APARTMENT COMPLEX** **Spill Number: 0108944** **Close Date: 01/13/2006**
560 W 43RD ST MANHATTAN, NY TT-Id: 520A-0096-835

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2627 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	ANDREW MENCZEL - APARTMENT COMPLEX	Spiller Phone:	(212) 265-5900
Notifier Type:	Tank Tester	Notifier Name:	DAVE FAZIN	Notifier Phone:	(516) 939-2959
Caller Name:	DAVE FAZIN	Caller Agency:	CROWN LEAK DETECTION	Caller Phone:	(516) 939-2959
DEC Investigator:	VRNATTAN	Contact for more spill info:	ANDREW MENCZEL	Contact Person Phone:	(212) 265-5900

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/07/2001		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	15000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

HORNER EZ 3 - GROSS LEAK

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
ROSSAN - CALLED DAVE FAZIN 12/10 AND 12/11/01 AND LEFT CALL BACK INFORMATION WITH RECEPTIONIST.

Vivek Nattanmai, December 7, 2005

A letter was mailed to the property owner on 12/7/05 requesting for information.

Vivek Nattanmai, January 13, 2006

Received information regarding the repairs done and the tank testing information. The tank tightness testing found no leak.
Spill report closed. CLOSED on January 13, 2006.

CLOSED STATUS UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 106 **EXCAVATION** **Spill Number: 1110657** **Close Date: 02/13/2012**
541 WEST 52ND ST MANHATTAN, NY TT-Id: 520A-0269-271

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	HRPATEL	Contact for more spill info:	MONADNOCK CONST	Contact Person Phone:	(718) 875-8160

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/01/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

found underground tank/approx. 1000gal ust, loss of product to soil

DEC Investigator Remarks:

Construction company was digging test pits and discovered an old 1000 gal UST. Excavator cut a small hole in top and approx 1 gal spilled to soil. Liro Construction is environmental rep on site.

Sangesland told Steve Frank at Liro to pump out the tank and remove the impacted soil immediately. He said the empty tank will be pulled later in the excavation/construction process.

12/02/11-Hiralkumar Patel.
11:47 AM:- received message from Steve (718-321-3136 Ext. 236) from LiRo. he mentioned that tank has been pumped out

12/06/11-Hiralkumar Patel.
9:22 AM:- spoke with Steve. he mentioned that tank and about 15 yards of contaminated soil has been removed. they did not collected any endpoint samples as the area, where the tank was found, will be excavated down to bedrock as part of new construction. Steve mentioned that they dug down to about 8.5 ft and the bedrock is at about 12 ft bg. currently, there is a building on-site which will be demolished soon. Steve mentioned that contaminated soil has been stockpiled on site and will be diposed once contractor start digging for new buiding. informed him that the Department requires removal of contaminated soil to prevent any cross-contamination. asked him to submit a cleanup report (including work description, reason for not collecting endpoint samples, site map and disposal manifests) by the end of 12/16/11. Steve mentioned that Rob Patsakos is the field supervisor for construction company.
9:33 AM:- left message for Mr. Patsakos and asked him to submit cleanup report by 12/16/11.

01/11/12-Hiralkumar Patel.
8:38 AM:- received email from Craig from LiRo including a work plan. as per work plan, no endpoint samples were collected after removal of 1,000 gal UST as additional site excavation is required for site redevelopment. LiRo is proposing to collect endpoint samples after the final excavation needed for site redevelopment. as per plan, former tank area will be excavated to 12 ft bg.

Craig T. Taylor
LiRo Engineers, Inc.
Ph. (716) 882-5476 Ext. 239
Fax (716) 882-9640
email: taylorc@liro.com

10:06 AM:- spoke with Craig. as excavation for site redevelopment may take months, asked Craig to submit spill cleanup report by the end of 02/10/12.
10:08 AM:- sent email to Craig. informed him that spill cleanup report must be submitted by 02/10/12. email copied to Steve Frank (franks@liro.com) and Frank Dubinsky (FDubinsky@moncon.com).
12:42 PM:- received revised work plan indicating that spill cleanup report will be submitted by the end of 02/10/12.

alternate address: 533-547 W 52nd Street
total of 9 buildings on lot.
no other spills or PBS record found for the subject site. spill(s) and PBS(s) records for other buildings on lot.

01/12/12-Hiralkumar Patel.
10:46 AM:- received call form Frank Dubinsky, representative of property owner. he mentioned that they subdivided lot 1 on block 1081 and created a new lot 101. and lot 101 is not part of Clinton Parkview Apartments.

West 52nd Affordable Developers Housing Development
c/o Monadnock West 52nd LLC

155 3rd Street
Brooklyn, NY 11231
Attn.: Frank Dubinsky
Ph. (718) 875-8160 Ext. 209
Fax (718)-802-1109
email: fdubinsky@moncon.com

10:52 AM:- sent work plan approval letter to Mr. Dubinsky and asked to submit closure report by 02/10/12. letter emailed to Mr. Dubinsky and Craig.

02/10/12-Hiralkumar Patel.
8:22 AM:- received email from Craig including cleanup report. the final tank excavation was 11 ft wide by 27 ft long and was 8.25 ft deep. found endpoint sidewall samples (at 8 ft bg) and two endpoint bottom samples (at 8.25 ft bg) were collected. no contamination found in endpoint samples. groundwater was not encountered during the excavation.

02/13/12-Hiralkumar Patel.
based on available information, case closed.
5:14 PM:- sent spill closure letter to Mr. Dubinsky. letter emailed to Mr. Dubinsky and Craig.

Map Identification Number 107 **546 WEST 53RD ST** **Spill Number: 9602849** **Close Date: 05/12/2008**
546 WEST 53RD ST MANHATTAN, NY TT-Id: 520A-0101-175

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	LISA PRIMEGGIA - CON EDISON	Spiller Phone:	(212) 560-6763
Notifier Type:	Federal Government	Notifier Name:	NRC	Notifier Phone:	(800) 424-8802
Caller Name:	ENSIGN KRAGAWSKI	Caller Agency:	US COAST GUARD	Caller Phone:	(212) 668-7193
DEC Investigator:	JHOCONNE	Contact for more spill info:	JOE DEVOTI	Contact Person Phone:	(212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/30/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

leak discovered at con edison's generator plant located on the east river unknown if spill entered the river vault does show the spill sump pump in vault may have already pumped out the product unknown at this time dep was notified by coast guard

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

5/12/08: close - duplicate of DEC #9602848. (JHO)

Map Identification Number 108 **COMMERCIAL PROPERTY** **Spill Number: 0305881** **Close Date: 09/12/2003**
553-561 WEST 52ND ST NEW YORK, NY TT-Id: 520A-0101-172

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 144 feet to the W*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: LEVENT ESKICAKIT
DEC Investigator: SMSANGES

Spiller: UNKNOWN - UNKNOWN
Notifier Name: LEVENT ESKICAKIT
Caller Agency: ATC ASSOC.
Contact for more spill info: LEVENT ESKICAKIT

Spiller Phone:
Notifier Phone: (212) 353-8280
Caller Phone: (212) 353-8280
Contact Person Phone: (212) 353-8280

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/03/2003		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UPON REMOVAL OF TWO UNDERGROUND STORAGE TANKS (1,000) EACH THAT

HAVE BEEN ABANDONED FROM A PRIOR BUSINESS, SOIL CONTAMINATION WAS

DISCOVERED. SOIL TO BE REMOVED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
Contaminated soil letter sent to ATC

9/12/2003 Sangesland reviewed a report submitted from ATC dated Sept 11, 2003. This report says that the tanks were pulled, all contaminated soil removed and end points were clean.

Map Identification Number 109 **52ND STREET** **Spill Number: 0505569** **Close Date: 08/05/2005**
52ND BETWEEN 10TH & 11TH NEW YORK, NY TT-Id: 520A-0102-005

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 149 feet to the S*

ADDRESS CHANGE INFORMATION
Revised street: 10TH / 11TH
Revised zip code: UNKNOWN

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	CINDY TADLER - CENTURY PETRO	Spiller Phone:	(631) 725-1688
Notifier Type:	Responsible Party	Notifier Name:	JIM STEANCO	Notifier Phone:	(631) 752-1688
Caller Name:	JIM STEANCO	Caller Agency:	CENTURY PETRO	Caller Phone:	(631) 752-1688
DEC Investigator:	SMSANGES	Contact for more spill info:	CINDY TADLER	Contact Person Phone:	(631) 752-1688

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/05/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	2.00	GALLONS	2.00	GALLONS	SOIL

Caller Remarks:

A BUBBLE IN HOSE CAUSED IT TO SPILL OUT: ALL CLEANED UP: FIRE DEPT. ON SCENE:

DEC Investigator Remarks:

duplicate spill to Spill #0505561

minor street spill

Map Identification Number 110 **VAULT 3484** **Spill Number: 9911542** **Close Date: 03/17/2000**
525 -537 W 52ND ST MANHATTAN, NY TT-Id: 520A-0101-176

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 151 feet to the SSE*

ADDRESS CHANGE INFORMATION
Revised street: 525-537 W 52ND ST
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR TYNDALL	Notifier Phone:	
Caller Name:	STEVEN CRIBBIN	Caller Agency:	CON ED	Caller Phone:	(212) 580-8576
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/04/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

found what may be transformer oil on 75 gals water in vault -- no sign of transformer leak so far -- sample taken clean up pending results.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
CON ED

E2 MIS REPORT

25 gallons of trnsformer oil from transformer on 75 gallons of water in vault 3484 ... Possible entry into sewer due to existing water line on vault walls higher than fluid level now in structure. Not able to verify sewer connection as per conduit palte #29-D-2. A PCb sample was taken by W Ward... a release di not occur at this location due to mark on wall is an oily substance and considering it is a vault it will be assumed it has a pump and or drain at this time.

DEC INSPECTOR NOTES

1/4 /00, 2:05pm - left message for Albert Gordon, DEP spoke with Ray Lo, stain on vault wall approx. 2 feet above current fluid level. Acid to supervise, probable drain in vault. Opened sewer trap which goes to adjacent vault, some traces of oil sample taken, but will treat as SO-499 in meantime. Believe transformer has porous bottom .

Update @4:00pm- Ray Lo left voice mail. Stanley Baldwin DEP just left site. Tanker truck enroute to drain transformer.

Map Identification Number 111 **560 WEST 52ND STREET** **Spill Number: 0330007** **Close Date: 05/01/2003**
560 WEST 52ND STREET NEW YORK, NY TT-Id: 520A-0101-331

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 249 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	RANDY AUSTIN	Caller Agency:	NYS DEC REGION #2	Caller Phone:	(718) 482-4929
DEC Investigator:	TJDEMEO	Contact for more spill info:	BILL JACOBS	Contact Person Phone:	(212) 977-3090

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/01/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Mr. Jacobs indicated that strong fuel odors present in building at 562 w 52nd street. Happens when it rains. He is a commercial tennant at site, and can allow access to basement where vapors are detected.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
5/1/02 TIPPLE/ see also spill # 9912977 Demeo conducted site visit, inspected basement of notifiers building, bottle recycle center next door as well as vacant loton the other side of the notifiers property. Demeo found no olfactory or visual evidance of a petroleum release in any of the areas he inspected. The notifier Bill Jacobs was given the hotline number and advised to call immediately upon olfactory or other indications of a petroleum release. nfa at this time

see also 99-12977

12/17/03 TJD

Bill Jacobs (impacted citizen) contacted RWA directly, stating he is still intermittently being impacted by petroleum vapors inside his business. As per RWA direction, Demeo performed another site visit. No problems of main floor of business. In basement low levels (<5PPM on PID) of petroleum type vapors were identified. No tanks at location, building is on gas heat. No obvious signs of a release: No spillage or seepage noted on floor or walls. A loose sewer cap was identified & Mr. Jacobs was informed that the loose sewer cap can be the pathway for vapors. He was instructed to repair and/or replace sewer cap. As per RWA no further DEC action is planned.

Map Identification Number 112 **766 11TH AVENUE** **Spill Number: 9313414** **Close Date: 02/15/1994**
766 11TH AVENUE MANHATTAN, NY TT-Id: 520A-0101-180
766 ELEVENTH AVE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 287 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	SUSMITA	Caller Agency:	NYNEX	Caller Phone:	(212) 338-7128
DEC Investigator:	KSTANG	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/14/1994	02/15/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	AIR

Caller Remarks:

CALLED AIR QUALITY AET (908)248-8791 - CALLED RICK @ AET, HE HAS BEEN CALLED BY DORIS PONPILLO TO DO AIR MONITORING, LIKE THP LEVEL IN AIR, ON 2/15/94 WILL GET BACK TO DEC W/RESULT, CAN'T REACH SUSMIT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
10/10/95: This is additional information about material spilled from the translation of the old spill file: ODOR.

Map Identification Number 113 **VACANT LOT** **Spill Number: 0706546** **Close Date: 06/20/2008**
770 11TH AVE MANHATTAN, NY TT-Id: 520A-0102-962
770 ELEVENTH AVE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 287 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: BONNIE CAMPBELL - VACANT LOT Spiller Phone: (718) 222-2500
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: hrpatel Contact for more spill info: BONNIE CAMPBELL Contact Person Phone: (718) 222-2500

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/12/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DURING TEST PITS FOUND FREE PRODUCT: WILL BE SCHEDULING A VAC TRUCK TODAY

DEC Investigator Remarks:

10/11/07-Hiralkumar Patel. spoke with Eric (212-631-9000) at Emteque. site is under development. during demolition and initial soil excavation, found free product. after that Emteque did borings at site. Eric has results of sample analysis and will send it. Eric believes that there are about 8 gasoline USTs at site.

left message for Bonnie Campbell (718-222-2500).

alternate address: 131-139 E 60th Street

no PBS record found.

10/12/07-Hiralkumar Patel. received sample analyticals from Eric. found few SVOCs in samples.

visited site. spoke with Bernard McCaffrey, project manager. as per Bernard, they found five 275 gal tanks from site. but haven't observed any product on ground. as a part of construction, they will excavate entire lot to about 15 ft bg for foundation work. no sign of contamianted soil or vapor/odor noticed at site. asked Bernard to register tanks that have been removed from the site.

Bernard McCaffrey
Two Trees
45 Main Street
Brooklyn, NY 11201
Ph. (718) 222-2500 (O)
(347) 686-2143 (C)
Fax (718) 222-2501
email: bmcaffrey@twotrees-dumbo.com

based on site observations, case closed.

10/29/07-Hiralkumar Patel. received email from Eric. they found another 2000 gal waste oil tank at site. asked Eric to see any contaminated soil at site and if any, ask to take endpoint samples according to DER-10.

06/20/08-Hiralkumar Patel. received closure report (on 04/01/08) from Emteque. they removed all soil from the site and currently construction company is blasting bedrock for foundation work. no endpoint samples taken as all soil removed as regulated material.

spoke with Eric at Emteque. he mentioned that currently they are 40 ft bg and about 25 ft into bedrock. no soil left at entire site. Eric mentioned that no groundwater encountered yet.

based on submitted report, case closed.

06/30/09-Hiralkumar Patel. recevied email from Eric requesting NFA.
07/14/09-Hiralkumar Patel.
2:33 PM:- spoke with Eric regarding mailing address for NFA. he asked to send letter to:

Two Trees Management LLC.
45 Main Street, Suite 602
Brooklyn, NY 11201
Attn.: Amish Patel
PH. (718) 222-2500
email: amish@twotrees-dumbo.com

sent NFA to Mr. Patel for spill #s: 0706546 & 0512738. letter emailed to Mr. Patel and Eric.

Map Identification Number 114 **MANHOLE # 61725** **Spill Number: 0401214** **Close Date: 10/23/2006**
11 TH AVE NEAR 52ND ST MANHATTAN, NY TT-Id: 520A-0101-547

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 335 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: ELEVENTH AV / W 52ND ST
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	SHIKARIDES,CHRIS	Notifier Phone:	(212) 580-6763
Caller Name:	SHIKARIDES,CHRIS	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/05/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	8.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

8 gallons of unknown oil on top of 500 gallons of water. believed to be contained at this time. 11th ave 104 ft n of 52nd st.

DEC Investigator Remarks:

10/23/06 - See e-docs for Con Ed report detailing cleanup and closure.

e2mis 153204

On 05-05-2004 At 02:20hr Transmission operator F. Severin #52700 reported a spill in mh #61725 of 8 gal. Of unknown oil and 500 gal of water to T.Haynes #82326mcc. Spill was discovered at 11av 104' N 52 St. Two samples were taken, one for oil id and one for PCB. No sewer/waterway were affected. Sewer connection, not verified.

Map Identification Number 115 **524 VAULT** **Spill Number: 0912497** **Close Date: 04/01/2010**
811 10TH AVE NEW YORK, NY TT-Id: 520A-0248-545

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 461 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	mxferoze	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/01/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.50	GALLONS	0.00	GALLONS	

Caller Remarks:

mix with water,contained; clean up and testing pending

DEC Investigator Remarks:

04/01/10 - See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 116 **INFINITY OF MANHATTEN** **Spill Number: 0709710** **Close Date: 12/10/2007**
11TH AVE & 54TH STREET MANHATTEN, NY TT-Id: 520A-0212-710

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 492 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 54TH ST
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: TOM CULLIGAN - INFINITY OF MANHATTEN Spiller Phone: (646) 943-2469
Notifier Type: Other Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: hrpatel Contact for more spill info: TOM CULLIGAN Contact Person Phone: (646) 943-2469

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/10/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

INVESTIGATING WHAT HAPPENED: SPILL IS CONTAINED AND SOME DID GET INTO THE STREET, NO DRAINS EFFECTED

DEC Investigator Remarks:

12/10/07-Hiralkumar Patel. spoke with Tom. oil leaked from truck on-site, possibly from leaking valve. oil spilled on tile area on property, then ran towards street. FDNY doing cleanup on street. cleaning contractor doing cleanup inside.

no soil affected. some oil reached to sewer, but FDNY removed initially and cleanup contractor will do detail cleaning.

case closed.

Map Identification Number 117 **FIVE GAL GASOLINE IN EXCAVATION** **Spill Number: 0802247** **Close Date: 06/02/2008**
WEST 51 STREET & 11 AVENUE, SEC MANHATTAN, NY TT-Id: 520A-0218-313
W. 51ST ST & 11TH AVE

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 500 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: W 51ST ST / 11TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	NOT CON EDISON	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/20/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

spilled onto soil during excavation; clean up is pending. 211563

DEC Investigator Remarks:

211563. see eDocs

Spills notified.

See spill 8904939.

closed

Map Identification Number 118 **MOBIL SERVICE STATION** **Spill Number: 0909441** **Close Date: 06/11/2010**
718 11TH AVE NEW YORK, NY TT-Id: 520A-0233-969

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Spiller: RICHARD SWEDBORG - EXXON MOBIL
Spiller Phone:
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: MJHAGGER
Contact for more spill info: RICHARD SWEDBORG
Contact Person Phone: (631) 218-0612

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/03/2009		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

Former tank had been removed and replaced. Investigation revealed soil impact. The tank was an underground tank. Mike Haggerty is the DEC Spill Rep for this site

DEC Investigator Remarks:

Consolidated into long-term remediation Spill #8904939.

Map Identification Number 119 **MOBIL S/S #17-JWN** **Spill Number: 0501922** **Close Date: 10/31/2005**
718 11TH AVENUE MANHATTAN, NY TT-Id: 520A-0096-209

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION | Spiller: FRANK MESSINA - EXXON MOBIL CORPORATION | Spiller Phone: (908) 730-2055
Notifier Type: Other | Notifier Name: RALPH SCHIMMEMTI | Notifier Phone: (845) 561-9890
Caller Name: RALPH SCHIMMEMTI | Caller Agency: GEOLOGIC SERVICES | Caller Phone: (845) 561-9890
DEC Investigator: DKHARRIN | Contact for more spill info: RALPH | Contact Person Phone: (845) 561-9890

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/17/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

FOUND WHILE EXCAVATING AT THIS SITE

DEC Investigator Remarks:

10/31/2005: Received October 2005 "Station Upgrade Activity Report" from GSC|Kleinfelder. Contamination remediated as part of station regrade activities. Overall site remediation is being tracked under spill no. 89-04939. (Harrington)

Map Identification Number 120 **MOBIL S/S # 17-JWN** **Spill Number: 0413534** **Close Date: 10/31/2005**
718 11TH AVENUE NEW YORK, NY TT-Id: 520A-0096-207

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION | Spiller: FRANK MESSINA - EXXON MOBIL CORPORATION | Spiller Phone: (908) 730-2055
Notifier Type: Other | Notifier Name: DANIEL CANAVAN | Notifier Phone: (631) 218-0612
Caller Name: DANIEL CANAVAN | Caller Agency: GEOLOGIC SERVICES CORP. | Caller Phone: (631) 218-0612
DEC Investigator: DKHARRIN | Contact for more spill info: FRANK MESSINA | Contact Person Phone: (908) 730-2055

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/29/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

DURING CONSTRUCTION ACTIVITIES VAPORS WERE REPORTED IN NIEGHBORING BUILDING: FIRE DEPT. WAS ON SCENE, BUILDING WAS EVACTUATED AND VENTILATED:

DEC Investigator Remarks:

3/29/2005: Station being rebuilt by Salomone. Air rotary drill being used to install structural shoring. 1,000 ppm VOCs detected in basement of Bull McCabe restaurant @ 714 11th Avenue (immediately south of station). GSC ventilated, reduced volatiles in basement to less than 15 ppm, and first floor less than 10ppm. GSC to continue to monitor. (Tibbe)

10/31/2005: Received October 2005 "Station Upgrade Activity Report" from GSC|Kleinfelder. Contamination remediated as part of station regrade activities. Overall site remediation is being tracked under spill no. 89-04939. (Harrington)

Map Identification Number 121 **MOBIL # 17-JWN** **Spill Number: 0405537** **Close Date: 12/22/2006**
718 11TH AVENUE MANHATTAN, NY TT-Id: 520A-0096-206

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 718 11TH AVE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	FRANK MESSINA - MOBILE # 17JN	Spiller Phone:	(908) 730-2055
Notifier Type:	Other	Notifier Name:	DENNIS SHIN	Notifier Phone:	(631) 285-6684
Caller Name:	DENNIS SHIN	Caller Agency:	GEOLOGIC SERVICES CORP.	Caller Phone:	(631) 285-6684
DEC Investigator:	DKHARRIN	Contact for more spill info:	FRANK MESSINA	Contact Person Phone:	(908) 730-2055

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/20/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	UNKNOWN	0	UNKNOWN	GROUNDWATER
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

GROUND WATER SAMPLING, FOUND FREE PRODUCT IN TANK FIELD WELL: GOING TO INCLUDE TANK FIELD WELL, SPOKE WITH DAVE HARRINGTON FROM DEC ALREADY:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"

12/22/2006: Consolidated with spill no. 89-04939. (Harrington)

Map Identification Number 122 **EXXONMOBIL** **Spill Number: 0206262** **Close Date: 07/11/2003**
718 11TH AVENUE MANHATTAN, NY TT-Id: 520A-0096-201

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 718 11TH AV
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: DAN CANAVAN
DEC Investigator: DKHARRIN
Spiller: JOANN WALLACH - EXXON MOBIL
Notifier Name: EMPLOYEE
Caller Agency: GEOLOGIC SERVICES
Contact for more spill info: CALLER
Spiller Phone: (908) 474-2745
Notifier Phone:
Caller Phone: (631) 285-6684
Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
09/17/2002		UNKNOWN	2-157899	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

Caller detected vapors at location. anthony sagona notified and advised caller to call hot line. venting w/fans Vacuuming wells and collecting summa canisters

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"
Reassigned from DEC Sigona on August 4, 2003, as per Letter from

P. David Smith, Bureau Director, Remedial Bureau B.

This spill has been consolidated under spill No. 8904939

Spill Investigation Nos. 8904939, 9009654, 9400944, 9505594, 0007323 & 0206262, Mobil S/S, 718 11th Avenue, New York, N.Y. - Petroleum Bulk Storage (PBS) facility No. 2-157899.

A written notice was issued to ExxonMobil by Anthony Sigona on Sept 17, 2002, regarding required actions.

Map Identification Number 123 **THE BULL MCCABE** **Spill Number: 0206844** **Close Date: 10/02/2002**
714 11TH AVE MANHATTAN, NY TT-Id: 520A-0096-202

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 543 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	JOANN WALLACH - THE BULL MCCABE	Spiller Phone:	(908) 474-2745
Notifier Type:	Other	Notifier Name:	ENA	Notifier Phone:	(212) 247-8474
Caller Name:	DAN CANAVAN	Caller Agency:	GEOLOGIC SERVICES	Caller Phone:	(631) 285-6684
DEC Investigator:	JBVOUGHT	Contact for more spill info:	JOANN WALLACH	Contact Person Phone:	(908) 474-2745

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/02/2002		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

fumes from a truck that was cleaing out a groundwater storage tank

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
10/02/2002-VOUGHT-Spoke with Dan Caravan. Mobil station remediation going on next door to above address. Remediation system is a SVE system. Above address has a fresh air injection system for basement. Truck used to pump out SVE system had released vapors into fresh air injection system which then pumped vapors into above address. Dan Caravan took PID into above address and found non-detect levels. Caravan also installed a carbon filter at intake of fresh air injection sytem to prevent reoccurence of problem. Spill closed by Vought,

Map Identification Number 124 **218249; 747 10TH AVE** **Spill Number: 0914426** **Close Date: 09/03/2009**
747 10TH AVE MANHATTAN, NY TT-Id: 520A-0248-587

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 564 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	DMPOKRZY	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/31/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 125 **ON STREET** **Spill Number: 0505561** **Close Date: 08/05/2005**
WEST 52ND 10TH AVE MANHATTAN, NY TT-Id: 520A-0090-258

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 610 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: W 52ND ST / 10TH AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:
Notifier Type: Fire Department Notifier Name: NYC FIRE DEPT. Notifier Phone: (212) 628-2900
Caller Name: NYC FIRE DEPT. Caller Agency: Caller Phone: (212) 628-2900
DEC Investigator: SMSANGES Contact for more spill info: DISPATCHER #857 Contact Person Phone: (212) 628-2900

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/05/2005		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

LEAKED ON ROAD, STILL INVESTIGATING AND FIRE DEPT. ARRIVING ON SCENE

DEC Investigator Remarks:

Sangesland spoke to Dispatcher #857 - He said the spill was about 10 gallons from a valve on an oil delivery truck. Fire Dept on site. No oil got into a storm drain. Valve was fixed, oil was cleaned up.

Closed

Map Identification Number 126 **CONSTRUCTION SITE** **Spill Number: 0412733** **Close Date: 05/05/2005**
51ST AND 52ND ON 10TH AVE NEW YORK, NY TT-Id: 520A-0101-556

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 646 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 51ST / 52ND ON 10TH AVE
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	STEVEN TING - ENCORE WEST RESIDENCE	Spiller Phone:	(212) 260-2550
Notifier Type:	Local Agency	Notifier Name:	DAVID WINSLOW	Notifier Phone:	(212) 594-8140
Caller Name:	DAVID WINSLOW	Caller Agency:	GZA GEO ENVIROMENTAL	Caller Phone:	(212) 594-8140
DEC Investigator:	MXTIPPLE	Contact for more spill info:	DAVID WINSLOW	Contact Person Phone:	(212) 594-8140

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/04/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DETECTED ODORS DURING EXCAVATION OF FOUNDATION.

DEC Investigator Remarks:

3/9/05
analyticals came back clean , excavation continuing...
05/05/05 tipple reviewed report, GZA, supplied digital color photos via e-mail to supliment black and white photos in report showing ash and coal debris in excavation. No further action necessary//

Map Identification Number 127 **CMJ CHRYSLER JEEP** **Spill Number: 0304103** **Close Date: 03/24/2008**
711 11TH AV NEW YORK, NY TT-Id: 520A-0096-196

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 670 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	MELISSA MICHAELS - CMJ CHRYSLER JEEP	Spiller Phone:	(248) 512-3152
Notifier Type:	Other	Notifier Name:	KEVIN MCGRATH	Notifier Phone:	(518) 951-2251
Caller Name:	KEVIN MCGRATH	Caller Agency:	EARTH TECH	Caller Phone:	(518) 951-2251
DEC Investigator:	KSTANG	Contact for more spill info:	MELISSA MICHAELS	Contact Person Phone:	(248) 512-3152

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/18/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

in excess of 100 gal - contained inside of the bldg but floor is not sealed - speedy dry & pads were put down

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
Sangesland DDO

Problem with longterm bad practice with waste oil dumping. Six used oil tanks in a pit. Tanks fill up and the tanks tend to over fill and flow over into a containment pit. Long term, this oil has flowed through the cinderblock containment wall and gone down into the building basement.

Chrysler Corporate office is taking lead to pay for cleanup. Building will under go a total renovation. There will be a showroom on the ground floor and service will be on the 2nd and 3rd floors. Repair of this spill is a small part of this renovation.

7/21/2003-Vought-Called Kevin McGrath and left message. Vought called Chrysler and spoke with Bob Sampogne (212-765-6633) and clean up crew is working all day. Vought will perform site visit on 7/21/2003.

7/22/2003-Vought-Site visit performed on 7/21. Visit summary: Waste oil spill on concrete from approximately seven manifolded 275 AST's. Concrete in good condition with no visible pathways to subsurface. Building scheduled for complete demolition in three weeks. No sewers or drains affected. Spill cleaned using speedy dry. PBS search indicated no waste oil tank registration. Vought called Sampogne and he will return call with registration information. Vought spoke to Kevin McGrath who is designing new waste oil containment room with secondary containment. According to McGrath their is another room under the AST area which is heavily impacted. No mention of the room was made by Sampogne. Site visit by Vought on 7/22 to inspect basement room. Speedy dry on basement floor with large area of oil staining over three rooms with small puddles of free product. Waste oil also found on floor of sprinkler room. Oil possibly entrapped in walls from second floor sink connected to ASTs on first floor. NYSDEC requires (in addition to above requirements) soil borings through three rooms and one in sprinkler room (a total of four borings). Vought sent letter with requirements to Melissa.

7/23/2003-Vought-Spoke with Melissa who will be performing site visit on 7/30. Melissa stated that she will send email to Vought with responsible party information.

7/24/03-Vought-Received call from Steven Boutin (Action Environmental 518-437-0337 (off) 518-441-7130 (cell)). Vought returned call.

8/7/2003-Vought-Letter to DEC from Daimler Chrysler-Floors and walls in AST area were pressure washed and preliminary soil samples were collected from below basement floor.

8/21/20003-Vought-Site visit by Vought on 8/21. Met with Kevin McGrath (EarthTec Enviro). Soil contamination found in soil boring along west wall of basement. Inspection of boiler room yielded two USTs (unknown product status) and a sump pit filled with free product. NYSDEC requires immediate 1)removal of impacted debris 2)emptying of tanks and sump pit 3)registration of USTs and waste oil tanks 4)site plan with boring locations and tank features 5)product recovery amounts 6)delineation of soil and groundwater contamination under UST room and/or endpoint sample analysis 7)disposal manifests 8)borings through base of waste oil impacted wall.

8/25/2003-Vought-Received call from Steve Shoiniere (518-951-2262) from Earthtec in Albany who just spoke with Melissa Michaels. Hauler want PCB analyticals on product before disposal. Results will not be in until Wed or Thurs. Pickup is scheduled for Friday and Vought will receive call back upon pickup.

8/26/2003-Vought-sent letter with requirements of 8/21 and Stipulation Agreement.

8/29/03-Vought-Email from Melissa-Vac truck on site and all product from ASTs and sump pit was removed.

9/4/03-Vought-Signed stipulation agreement received by DEC.

9/16/03-Vought-Stipulation Agreement signed by Regional Director.

9/19/03-Vought-Spoke to Steve (Earthtec) and conference call is scheduled for 9/22 to duscuss updates.

9/22/2003-Vought-Spoke with Melissa and Steve. Dealer sent in PBS registration, Vought will check with PBS. All product was removed. Fingerprint analysis was performed on product. Workplan will be submitted to DEC.

1/7/04-Vought-Spill transferred from Vought to Austin.

01/27/04 - Sawyer - Spill transferred from Austin to Sawyer.

5/20/2004- Sangesland- Spill number 0401882 was called in. This spill number comes from a "hit" found on a monitoring well associated with an ExxonMobil Station at the corner of West 51st St & 11th Ave. The specific well with the "hit" is actually closer to the Chrysler/jeep building. ExxonMobil consultant (Dan Canavan 631-285-6684) said they will run a fingerprint on the sample and may try to disassociate the "hit" from the Exxon Mobil Station.
12/21/05 Sharif/ Case was transferred to Koon Tang for reassignment.

3/1/06 - project manager info. (KST)
Melissa M. Michaels, P.G., CHMM
DaimlerChrysler
800 Chrysler Drive
CIMS 482-00-51
Auburn Hills, MI 48326
phone: 248-512-3152
Fax: 248-576-7369

Reviewed case file. Only slight exceedance of a few benzo compounds in soil, e.g 300 - 500 ppb of benzo(a)antracene, and 1200 ppb Chrysene. No VOCs or CVOCs in perched water, only slight detection of SVOCs - 77 ppb Pyrene. Site is closed. - KST

11/29/07-Vought-Received call from Kevin McGrath (EarthTech 518-951-2251) who called and inquired why spill was closed and also indicated that oil staining will be pressure washed from floors and water from second floor drop sink into basement. Cleaning will begin monday(11/3) and on wed(11/5), 6(250-gallon) waste oil ASTs will be removed. ASTs will be replaced with lubecubes. Two (10,000-gallon) above ground ASTs for fuel oil are not piped but floor area around vault had free product in it. Vault had free product which was removed and floors were cleaned. Vault has not been inspected in two years and unsure if product present. Consent order signed for original investigation and unsure if tanks in basement are registered.

12/5/07-Vought-After review of PBS database no registration found for site. DEC requires: 1)submission of PBS registration. Site inspection scheduled for 12/7 at 1:30pm.

12/7/07-Vought-Site visit by Vought. Earth Tech onsite installing new waste oil ASTs. Vought also met with Bob Sampogne (ph:212-765-6633 fax:212-399-7449). No signs of spill from second floor sink however USTs still present in boiler room and no investigation was done of subsurface as per 8/21/03 notes above which requires delineation of soil and groundwater under UST room. Since soil and groundwater was never investigated in boiler room and since free product found in sump, Spill 0751290 was opened due to possibility of heavy soil and or groundwater contamination beneath the boiler room floor. See spill 0751290 for further info on basement spill. This spill remains closed by Vought as separate and distinct spill.

Map Identification Number 128 **CONSTRUCTION** **Spill Number: 9911558** **Close Date: 01/24/2001**
54TH ST AND 10TH AVE MANHATTAN, NY TT-Id: 520A-0090-286

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 708 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: W 54TH ST / 10TH AVE
Revised zip code: 10019

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: BILL FISHER
DEC Investigator: TOMASELLO

Spiller: UNKNOWN
Notifier Name: GOTHAM CONSTRUCTION
Caller Agency: MILLER ENVIRONMENTAL
Contact for more spill info: BILL FISHER

Spiller Phone:
Notifier Phone: (212) 599-0520
Caller Phone: (516) 369-4900 ext. 2
Contact Person Phone: (516) 369-4900

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/04/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DURING CONSTRUCTION CONTAMINATED DOIL WAS FOUND

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 129 **CONSTRUCTION SITE** **Spill Number: 0500449** **Close Date: 04/05/2006**
W. 55TH ST./ 11TH AVE. MANHATTAN, NY TT-Id: 520A-0090-852

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 713 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN NAME - UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	MR. BRUNS	Notifier Phone:	(212) 580-8383
Caller Name:	MARK PIROPATO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/11/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

unknown fuel oil found while excavating. Two yards of soil have been effected. Clean up pending lab results. No to the five questions. ConEd #158035

DEC Investigator Remarks:

4/5/05 - See e-docs for spill closure documentation. (JHO)

Map Identification Number 130 **MANHOLE #62183** **Spill Number: 9808452** **Close Date: 11/04/2003**
WEST 51ST ST & 10TH AVE MANHATTAN, NY TT-Id: 520A-0090-976

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 713 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: WEST 51ST ST / 10TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR COOK	Notifier Phone:	
Caller Name:	JOE DEVOTI	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:	JOE DEVOTI	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/08/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

CALLER REPORTING THAT WORKERS FOUND UNKNOWN PETROLEUM IN MANHOLE. ESTIMATE OIL TO BE APPROX 5 GALS IN 5000 GALS OF WATER.

CON ED #120402.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
e2mis 120402

Logger: Louis Cook (15851)

Date 10/8/98

Description: On 10/8/98 C. Keohane (12318) Senior Elec. Tech and I. Martinez (54385) Sr. Elec. Tech. found 5 gallons of oil on top 5000 gallons of water

contained inside mh 62183 for feeder 38M75L&M.. Cathodic protection testing was performed. No oil entered the sewers or waterways. REFERRED TO S&TO

THROUGH EMAIL NOTIFICATION"

SMALL OIL SPILL Con Edison Incident No. _120402_____

CLEANUP CHECKLIST NYSDEC Spill No. _____

Name of person completing checklist: R TREMBERGER, SPLICER, 52045, H WATSON, SUPERVISOR, 10161

Con Edison Operating Department responsible for spill cleanup:

(1) A small oil spill is a spill of oil containing less than 50 ppm PCBs that does not meet the criteria for a de minimis spill and satisfies either of the following

conditions:

? It is totally contained in an impervious structure, such as a manhole, vault, or moat, or

? It meets all of the following criteria:

- No sewer or waterway is affected, and

- No private property is affected, and

- No personal injuries are involved, and

- Cleanup is completed within 72 hours of the spill discovery, and

- Less than 50 gallons of oil, petroleum product of any kind, or dielectric fluid is spilled.

(2) Material spilled/discovered:

0 Oil (type); PCB concentration: less than 50 ppm; known / unknown.

X Dielectric fluid; PCB concentration: less than 50 ppm; known / unknown.

If unknown PCB concentration, was sample collected? X Yes 0 No

Environmental Detailed Incident Report

(3) Sample submitted for analysis? X Yes Sample ID No. 98-10824 0 No

For what parameters? X PCB 0 Benzene 0 Other Parameters

Copy of chain of custody form attached? 0 Yes 0 No

(4) Amount spilled/discovered: 5 GALLONS If leak/spill is continuing, rate N/A

(5) When was spill discovered? Date: 10/08/98 Time 11:05

(6) Location of spill. (Be as precise as possible. Include cross streets, manhole numbers, equipment box numbers, etc., as appropriate.)

MANHOLE 62183

W 51ST 400’ N/N/C 10TH AVE

0 Sketch attached

(7) Source/cause of spill. (Be as precise as possible. Include equipment numbers, if possible.)

N/A SHEEN

X Unknown

(8) Description of area affected by spill (include dimensions as appropriate)

(9) Containment/Cleanup Activities (per GEI 2.11, 2.13, 2.16, 3.2, or 3.3) 0 Sketches attached.

0 Tightened valve.

0 Placed drip plan.

0 Sealed leak.

0 Blocked nearby sewers/drains with spill kits.

0 Removed/recovered liquid/solids.

0 Used absorbents to remove residual fluids.

0 Removed contaminated vegetation.

X Removed visible traces of oil.

X Washed stained areas.

0 Excavated contaminated soil, bluestone.

0 Other

0 See attached contractor report.

(10) Identify who performed cleanup:

0 Con Edison personnel/department?

X Name of contractor: CLEAN HARBORS, INC.

0 Contractor report attached.

(11) Cleanup completed on Date: 10/09/98 Time*: 13:00

*Note: If the cleanup is completed more than 72 hours after the spill was discovered, the spill is a large oil spill.

(12) Con Edison personnel directing cleanup: H WATSON, SUPERVISOR,10161

ENTERED BY: E MCQUEEN, 45223, 11/05/98

Map Identification Number 131 **POTAMKIN CADILLAC** **Spill Number: 9502418** **Close Date: 05/26/1995**
787 11TH AVE-1600 W. 55TH MANHATTAN, NY TT-Id: 520A-0093-880
787 ELEVENTH AVE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 724 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 787 ELEVENTH AVE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	CHANDRA CHUDCHAN	Caller Agency:	TEST WELL CRAIG LABS	Caller Phone:	(914) 944-2584
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/26/1995	05/26/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABANDONED TANK - NOT USED FOR PAST 30 YRS. - TANK BEING CLOSE - HOLES FOUND IN TANK - TANK IS 1,000 GALLONS - WHEN CONTRACTOR CLEANED TANK, FOUND CORRISION HOLES AT THE BOTTOM.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: FUEL OIL.

Map Identification Number 132 **MAN HOLE 62572** **Spill Number: 1100660** **Close Date: 08/01/2011**
50TH AND 11TH AVE MANHATTAN, NY TT-Id: 520A-0262-046

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 725 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: W 50TH ST / 11TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/19/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	275.00	GALLONS	0.00	GALLONS	

Caller Remarks:

leak rate, 3gals per hour/leak location is unknown at this time

as of 1620 - leaks fixed

4/20/11 UPDATED BY DIDONATO, ONE GALLON OF DIELECTRIC FLUID IMPACTED SOIL. THE CLEAN UP IS IN PROGRESS. SPILL AMOUNT WAS ACTUALLY 275 GALLONS.

DEC Investigator Remarks:

Leak has not been found yet.

04/20/11 Inspected the leak location at 50th Street & 11th Avenue. Fluid contained in a manhole.Leak has been stopped by putting a clamp.Minor soil contamination encountered out side of the manhole.(sr)

8/1/11 - Received both EMIS reports from Con Ed that apply to this event (#225484 and # 225485). They confirm the findings of Rahman.s inspection on 4/20/11, as well as the cleanup. - See eDocs files for more information - Case closed - end

Map Identification Number 133 **MH 61804** **Spill Number: 0111494** **Close Date: 04/16/2002**
11TH AV / 50TH ST MANHATTAN, NY TT-Id: 520A-0101-542

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 725 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: ELEVENTH AVE / W 50TH ST
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	SAME - CON ED	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	EVA MCQUEEN	Notifier Phone:	(212) 580-6765
Caller Name:	RICHARD ROACH	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/06/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

141662 no smloh,fire ect

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis #141662 Notes:

On March 06, 2002, D. Murphy, 99355, Supervisor of Maintenance and Construction Services reported while preparing for an abatement in manhole 61804, feeders M51 & M52 he found approximately 1/2 pint of oil on 200 gallons of water. Chem Lab was notified to take samples and will be at location this afternoon. Tag no. 29055 was hung. Manhole will not be pumped out within 24 hours due to manpower and return of lab results. No sewer, waterway or private property affected. No smoke, fire, injuries or

outside impact. Called CIG, spoke with R. Roach, at 11:42am.

Material spilled/discovered:

Oil Type: INSUFFICIENT AMOUNT TO DO OIL ID.

PCB Concentration (ppm) <1.0PPM

Sample submitted for analysis?

Yes Sample ID No CC01814

YES-LSN No. 02-01861-001, 02-01862-001

PCB <1.0PPM

Amount spilled/discovered: 1/2 PINT OIL, 200 GALS WATER

When was spill discovered? Date 03/-6/02, Time 10:50AM

Clean Harbors completed cleanup on 3/7/02-3/8/02

Manifest CTF0906171

Map Identification Number 134 **HARBORVIEW HOUSES -NYCHA** **Spill Number: 0206086** **Close Date: 03/22/2011**
525 WEST 55TH ST MANHATTAN, NY TT-Id: 520A-0096-184

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 792 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	CHARLES MCINNIS - HARBORVIEW HOUSES	Spiller Phone:	(718) 707-5725
Notifier Type:	Affected Persons	Notifier Name:	DEREK MARTIN	Notifier Phone:	(212) 725-1002
Caller Name:	CHARLES MCINNIS	Caller Agency:	NYC HOUSING AUTH	Caller Phone:	(718) 707-5725
DEC Investigator:	jkkann	Contact for more spill info:	CHARLES MCINNIS	Contact Person Phone:	(718) 707-5725

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/12/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

TANK REMOVAL FROM LOCATION AND GROUND CONTAMINATION FOUND. SOIL IS STOCKPILED AWAITING TEST RESULTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"

11/07/05: This spill transferred from J.Kolleeny to S.Kraszewski.

11/30/05: Reviewed Post-Excavation Site Assessment Report prepared by Emipre Environmental Services, submitted December 2002. 650 tons of contaminated soil was removed and disposed of by Allied Waste. Six end point samples were taken from excavation area and analyzed. Two samples show 5 SVOCs above RSCO standards.

Only one sample had a PID reading: 0.4ppm.

No VOCs were detected. However, depth of the soil borings are not given for any samples taken. Nor is it mentioned if GW was encountered during borings or during tank excavation. Also, no fill port labeled on the diagram and no sample taken at fill port. Must call about fill port and samples. - SK

01/04/06: Only contact number available is for Derek Martin, Heating Coordinator for NYCHA. Several unsucessful attempts to contact him thus far. Will continue to try and reach him. - SK

01/09/06: Frank Inoa from NYCHA called with additional information about the assessment report. The report contains information about the piping: the vent and fill lines were capped and the suction and return lines were removed. Soil excavated during removal of these lines was also disposed of properly. It is not likely that GW was encountered during the excavation. Frank called the consultant for more information and is waiting for their call. - SK

01/13/06: Frank Inoa from NYCHA called with additional information for the site assessment. Soil along the fill lines and near the fill port was removed but samples were not taken. Talked with Jon about this situation and we decided that the site assessment was incomplete without the sampling of the fill port area and along the fill lines. I will email Frank a notification of remaining work to be done at the site:

Sampling of the fill port area

Sampling of the vent, fill, suction and return line area for every 20 feet of piping
A Work Action Plan for review by the Department

- SK

03/17/06: Sent out Email to Chris Sawyer mentioning additional soil borings along the fuel lines and next to the fill port. - SK

11/28/06 - JKann - report submitted on 11/14. DEC lead transferred from S.Kraszewski to J. Kann.

07/03/09 - J.Kann - work plan for investigation submitted in March 2009. Additional work proposed around the old fill port and lines. Email sent on July 3 include the following : "- The June 2006 report identifies an area of concern due to shallow contamination (SB-04). The focus of the 2009 work plan should be on this area. Based on the 2006 report, boring logs and the report indicate no petroleum odors or PID readings in the shallow samples of SB-6 and SB-5. Why are additional borings proposed in this area?"

09/15/09: J.Kann - GF's response was "As for Harborview Houses, the borings are in a very limited space.
Since SB-04 was the boring area of concern, a couple of the new
delineation borings surrounding the new boring proposed in the same area
of SB-04 are at the same locations of SB-05 and SB-06. The analytical
samples collected from SB-05 and SB-06 in 2006 were collected from 16-20
feet below ground surface. There is no shallow analytical to confirm
that these areas around the fill lines and fill port are not impacted.
Since that data is three years old and it was unclear where impacts were
coming from the first time, borings in the area of SB-05 and SB-06 will
help delineate the shallow impacts."
WP was approved on 07/10/09.

07/22/10: J.Kann - spoke with Gordon of Clean Ventures (908)878-9043. He said that one boring included in the plan by the fill line was not able to be advanced because of a scaffold being present. He asked if it could be completed with hand auger. I said that would be fine and to collect two samples one at 2 feet and one at 5 feet because previous reports showed some shallow exceedences.

10/18/10: J.Kann - SAR received on 10/5/10.

11/23/10: J.Kann - comments sent to NYCHA on SAR.

3/22/11: Revised report sent on 11/30/10. Minor exceedences of SVOCs in fill area along fill pipe. Boring logs describe the area as "fill material: brown m.sand, trace brick, anthracite". A qualitative exposure assessment was included in the report.
NFA.

Map Identification Number 135 **WEST 50 STREET** **Spill Number: 0713319** **Close Date: 03/18/2008**
ADJACENT TO 700 11TH AVE MANHATTEN, NY TT-Id: 520A-0214-943

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 805 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	FIRE DPT - WEST 50 STREET	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	hrpatel	Contact for more spill info:	FIRE DPT	Contact Person Phone:	(212) 628-2902

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/17/2008		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
BATTERY ACID	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

AN OLD AUTO SHOP AND IS IN SOIL AND EXCAVAVTION: FIRE DPET I SON SCENE

DEC Investigator Remarks:

03/18/08-Hiralkumar Patel. visited site on 03/17/08. met with service manager at Honda showroom at 706 11th Ave. no spill happened at this site. actually, employee from 706 11th Ave, smelled oil and called FDNY. FDNY found odors from excavation on street on W 50th Street.

during site visit, found building at 684 11th Ave (alt. addresses: 549-551 W 49 St, 556-562 W 50 St, 553-557 W 49 St, 684-704 11th Ave) under internal renovation.

ConEd doing work on street; on W 49th Street and W 50th STreet. met ConEd person at the site, who is working on W 49th Street project (and doesn't know about anything on W 50th Street project). found heavy odors in close proximity to one of excavation along W 50th STreet, which is next to Honda showroom site. no odors noticed about 10 ft away from excavation pit. found excavation bottom covered with plastic sheet. neither ConEd person nor contractor were at site to give further information about project.

found open spill case at 700 11th Ave site (spill #: 0103148).

as no spill found at 706 11th Ave, changed spill location info in spill report to 700 11th Ave.

case closed. refer to spill #: 0103148.

Map Identification Number 136 **EXCAVATION** **Spill Number: 0713175** **Close Date: 05/13/2009**
700 11 AVE AT WEST 50 ST MANHATTAN, NY TT-Id: 520A-0214-940

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 805 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERTSDESK - NOT CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	MCTIBBE	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/13/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NO COMMENTS. 210322

DEC Investigator Remarks:

210322. see eDocs

3/14/08: related to spill no. 0103148. Spill is being re-assigned to V. Brevdo for follow up by Petroleum Remediation unit. (JHO)

05-13-09: CLosed and consolidated under 0103148.

Map Identification Number 137 **ASTOR SUBSTATION** **Spill Number: 0705327** **Close Date: 10/22/2007**
11TH & 50TH STREET MANHATTAN, NY TT-Id: 520A-0102-533

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 805 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 50TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERTSDESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/09/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

2 OUNCES ON 50 GALLONS OF WATER: NO TO 5 QUESTIONS: 207492

DEC Investigator Remarks:

8/9/07, 2:38 PM: received e-mail from Dave Rubin, Con Edison Remediation group:
"FYI, attached is a Con Edison EMIS report for a spill that occurred this morning in the 11th Avenue Sidewalk Area adjacent to the Astor Site. Con Edison was excavating in the area that had previously been backfilled following completion of remedial activities (between the secant piles at the Con Edison property line and the 11th Ave. curb line). After the heavy rain yesterday, the excavation filled up with water and needed to be pumped out in order for work to continue. When the crew went to pump out the excavation they noticed a sheen on the water. The water was pumped into a drum and the attached report was called in (Con Edison is in the process of identifying the corresponding NYSDEC spill number). Excavation activities have since been completed; backfilling remains." Assigned to Bryan Wong (PM for Astor Substation site) for follow up.

Sent e-mail to Con Ed (Rubin): "Any idea what the source of the sheen was? Is it related to street runoff from the rain or did the sheen come out of the soil? Has a sample been collected for product ID?"

Response from Con Ed (Rubin):" Please see below for responses to your questions [in bracketed CAPS], and advise as to whether any further action is required on Con Edison's part (we are storing the drummed water onsite pending your response).

"Any idea what the source of the sheen was? [CON EDISON CANNOT CONFIRM THE SOURCE]. Is it related to street runoff from the rain or did the sheen come out of the soil? [BOTH ARE POSSIBLE CONTRIBUTORS TO THE OBSERVED SHEEN. THERE WAS NO OBSERVABLE SHEEN WHEN THE EXCAVATION WAS OPEN DURING YESTERDAY'S RAINFALL EVENT. WHEN THE CREWS RETURNED THIS MORNING THE SHEEN WAS PRESENT. THERE IS NO WATER-TIGHT CONTAINMENT ON THE 11TH AVENUE SIDE OF THE EXCAVATION (ONLY STEEL SHEETING) TO "ISOLATE" THE SIDEWALK AREA. SURFACE RUNOFF LIKELY ENTERED THE EXCAVATION DUE TO THE INTENSE NATURE OF THE STORM EVENT.] Has a sample been collected for product ID? [NO - CON EDISON WAS PLANNING TO DISPOSE OF THE DRUMMED LIQUID AS NON-HAZARDOUS OILY WATER BASED ON GENERATOR KNOWLEDGE FROM PRIOR SITE INVESTIGATION/REMEDIATION INFORMATION]" (JHO)

207492. see eDocs

10/22/07: Close - cross reference spill no. 0103148 (off-site plume for Astor Substation site). (JHO)

Map Identification Number 138 **ODOR OF GASOLINE IN EXCAVATION** **Spill Number: 0609328** **Close Date: 03/19/2007**
704 11 AVENUE MANHATTAN, NY TT-Id: 520A-0090-426

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 805 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERTS - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	GDBREEN	Contact for more spill info:	ERTS	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/14/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

WHILE DIGGING SMELL GASOLINE: THERE WAS AN OLD STATION THERE AT ONE TIME: NO TO 5 QUESTIONS: COED # 203306

DEC Investigator Remarks:

03/19/07 - See e-docs for Con Ed report detailing cleanup and closure.

203306. see eDocs

cross-reference spill # 0103148.

Map Identification Number 139 **UST PUNCTURED BY BACKHOE** **Spill Number: 0603477** **Close Date: 10/05/2006**
NEW CON ED SUBSTATION SITE MANHATTAN, NY TT-Id: 520A-0097-692
700 11 AVENUE

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 805 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERTS - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	GDBREEN	Contact for more spill info:	ERTS	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/29/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

a new substation, and found in a excavavtion: pending lab results. 200886.

DEC Investigator Remarks:

10/05/06 - See e-docs for Con Ed report detailing cleanup and closure.

6-29-06, 1 PM. This is a Brownfield site at 50 Street and 11 Avenue managed by Brian Wong. Site was a former gas station and auto dealership. Con Ed's contractor did not expect this UST; he punctured it with a backhoe. Water came out and saturated soil. ConEd took samples for analysis. Contractor plugged hole with absorbant material. ConEd is preparing detailed report. see eDocs. Brian Wong manages this Brownfield property. George Breen.

Map Identification Number 140 **ASTOR SUBSTATION BCP SITE** **Spill Number: 0601353** **Close Date: 05/25/2007**
700 11TH AVE MANHATTAN, NY TT-Id: 520A-0097-693

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 805 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK‘	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/05/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

FOUND DURING EXCAVATION ; LAB TAKING RESULTS AND CHECKING OUT: CONED #164125

DEC Investigator Remarks:

164125.000

5/25/07: All soil at site was removed under BCA (see site no C231047). Close. (JHO)

Map Identification Number 141 **IN ROAD -- 11TH AVE** **Spill Number: 9812790** **Close Date: 07/18/2003**
49TH & 50TH ST 11TH AVE MANHATTAN, NY TT-Id: 520A-0101-543

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 849 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: ELEVENTH AVE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	KEN GREEN	Notifier Phone:	(212) 629-0968
Caller Name:	GLEN KATZ	Caller Agency:	MILRO ASSOC	Caller Phone:	(516) 379-1500
DEC Investigator:	SMSANGES	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/16/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

MILRO CALLED IN TO HELP DIG TRENCHES FOR BELL ATLANTIC AND WHILE DIGGING FOUND CONTAMINATED SOIL. CLEAN UP HAS BEGUN.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 142 **SACRED HEART SCHOOL** **Spill Number: 9909800** **Close Date: 07/28/2005**
456 WEST 52ND ST NEW YORK, NY TT-Id: 520A-0101-328

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 859 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: FR NEYLAND - SACRED HEART SCHOOL
Spiller Phone: (212) 265-5020
Notifier Type: Tank Tester
Notifier Name: A LOPEZ
Notifier Phone:
Caller Name: JOHN LEDDY
Caller Agency: PROTEST ENTERPRISES
Caller Phone: (516) 321-4670
DEC Investigator: LNKLAAS
Contact for more spill info: FR NEYLAND
Contact Person Phone: (212) 265-5020

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/12/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
1/3/99

Spoke to Nick. He is working for the Arch Diocese. When they uncovered the tank to isolate and retest, they found a hole in the top of the tank - there was no soil contamination noted. They are proposing to close the tank in place with foam, but due to restricted acess (in a courtyard) they are unable to remove the 5000 gallon tank. They are proposing to cut throught the bottom of the tank in two locations to collect soil samples. He will forward a summary of the exposure and the analytical (8021 and 8270) to my attention. JMR

2/25/00 REPORT RECEIVED.

01/26/04

REassinged from Rommel to Austin
02/17/04: Reassigned from AUSTIN to KRIMGOLD.

07/28/05 Tank Closure Report indicates tank was filled with Polyurethane Flowable Foam and closed in place 01/06/00. PBS #2-285722. No soil contamination noted. Closed. LNK.

Map Identification Number 143 **VACANT LOT** **Spill Number: 0205140** **Close Date: 11/21/2003**
789 11TH AVE MANHATTAN, NY TT-Id: 520A-0096-181
789 ELEVENTH AVE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 893 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	SHARIMA RYAN	Notifier Phone:	(845) 348-6355
Caller Name:	SHARIMA RYAN	Caller Agency:	R N D SERVICES INC	Caller Phone:	(845) 348-6355
DEC Investigator:	TJDEMEO	Contact for more spill info:	SHARIMA RYAN	Contact Person Phone:	(845) 348-6355

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/15/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

during a tank removal caller found contaminted soil

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
12/30/02 TJD

Closure report from RND services Inc., dated 10/7/02 reviewed.

Total of ten 550 gallon gasoline UST's removed from site. Total of 62.5 tons of contaminated soils were identified and removed for disposal from site (manifests provided). Total of (9) endpoint samples collected from excavation. All laboratory analysis of samples were below TAGM 4046 guidance values.

No water sampling data provided in report. RND services contacted to determine if water sampling was performed, it was not. At the request of RND services (Sharima Ryan) an e-mail was sent today identifing deficiencies and requiring additional work.

10/29/03 TJD

Demeo contacted by RND Services (Sharima Ryan) regarding status of proposed work/sampling plan for above referenced site. Plan is dated October 2003 was received @R2 on October 17, 2003. Work plan outlines proposed well location. Well location verbally approved on this date.

11/21/03 TJD

As directed RND attempted to install one well in an effort to obtain a water sample. Refusal encountered. Well location moved and reattempted, again refusal due to competent bedrock. Screening of the drill cuttings did not exhibit any evidence of contamination. No further action required. Spill closed.

Map Identification Number 144 **CONSTRUCTION SITE** **Spill Number: 0110824** **Close Date: 04/10/2002**
500 W. 56TH ST MANHATTAN, NY TT-Id: 520A-0096-183

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 900 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	JULIE FOLEY	Notifier Phone:	(212) 340-9806
Caller Name:	JULIE FOLEY	Caller Agency:	AKRF INC	Caller Phone:	(212) 340-9806
DEC Investigator:	JBVOUGHT	Contact for more spill info:	JULIE FOLEY	Contact Person Phone:	(212) 340-9806

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/12/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

2 tank s were ripped open - unk how it happened - contaminated soil was discovered there

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
2/14/02 TJD

Plaza Construction and its subcontractors struck 2 abandonned UST's while excavating for new building foundation at construction site. Tanks removed from site prior to DEC inspection. Approximately 20 cu. yds. of contaminated soil was stockpiled on site for disposal.

DEC Spills requested from AKRF Inc. (environmental consultant) copies of analytical data from stockpiled soils, disposal manifests and scaled site drawing depicting former tank locations.

Ray Ranami

Plaza Construction

917 577 4656

This spill number has been closed out and merged with an earlier spill number for this site. Sangesland is DEC project manager.

Ref. Spill #0100152

Map Identification Number 145 **MANHOLE # 62163** **Spill Number: 0401793** **Close Date: 06/17/2004**
WEST 49TH/11TH AVE MANHATTAN, NY TT-Id: 520A-0090-252

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 968 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 49TH ST
Revised zip code: 10019

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERT DESK - CON ED	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	RON ELLIOTT	Notifier Phone:	(212) 580-6763
Caller Name:	RON ELLIOTT	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/19/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 SAMPLES WERE TAKEN:

DEC Investigator Remarks:

E2MIS 153465

J.Zaffuto#4553 of Transmission Ops. was investigating a report of a missing manhole cover on mh62163 when he discovered approx. 50 gal. of oil on approx. 3700 gal. of water in M62163. The source and cause of the spill are unknown. There will be two samples taken, one for PCB and one for ID by the Chem Lab. The cleanup is pending.

May 20, 2004

Clean Harbors pumped out the manhole and Clean Venture Power washed the manhole. Pending receipt of sampling results the waste from the manhole was treated as 50-499 PPM PCBs.

Lab Sequence Number: 04-03858-001 PCB 3 ppm.

Lab Sequence Number: 04-03859-001 Fingerprint of oil indicated dielectric fluid.

Leak coming from crack in one inch line from fdr 54. Location of leak was about 6 inches from end wall, on southeast side of manhole. To make repairs south side of manhole wall around fdr pipes broken out. According to Gerry Materazzo, Field Operations Planner, Transmission Operations, Joe O'Connell, Construction Inspector, Transmission Operations, found damp soil found manhole, adjacent to manhole wall underneath feeder pipe. Affected area about 12 inches along wall, about 6 inches wide. Soil was removed. Upon completion of repairs, samples will be taken to verify completeness of cleanup.

Called ERT - Steve Martis at 0955 hrs to inform him of damp soil found outside MH. Estimated amount would be less than a pint.

South wall of manhole broken out. Confirmed with SSO that leak was actually on M55 not M54. Clean Ventures removed 1800 gallons of liquid under bill of lading CVCC051901 on 5/20/04. Permanent repairs started at approx 12:00 5/20/04 with barrel through wall. Permanent repairs completed at 19:22 5/20/04. The tanker that pumped out the manhole was checked and it was estimated that there were 60 gallons of dielectric fluid in the tanker.

Update: June 4, 2004

Manhole was pumped out by Clean Harbors on May 20 and shipped via Clean Harbors Manifest MAQ248913. On June 4, 2004 Tom Columbia of Clean Harbors informed Ron Silva, Senior Specialist, Transmission Operations, that approximately 10% of the tanker 3150 gals of oil/water mixture that was removed from the manhole was dielectric fluid, or about 315 gal. Total amount dielectric fluid removed is 315 (Clean harbors) and 60 gal (Clean Venture) = 375 gal.

Update: June 16-04

After the contamined soil was removed, samples were taken on May 25 by Jacques Whitford outside the south wall of the manhole. Samples were taken under both feeder pipes, adjacent to the manhole wall and under both feeder pipes about 1.5 feet away from the wall.

The samples were analyzed for dielectric fluid via method 8100, and Benzene (both total & TCLP). The analysis was conducted by Environmental Testing Lab. The Chain of Custody number was DD18026; the LSN number was 04-04062. The lab was unable to associate the hydrocarbons in the soil with any known reference standard. The results ranged from 66.4 ppm to 734 ppm.

Based upon the above results, any potential contamination was removed. The repairs made involved installed a repair barrel on the feeder pipe, through the manhole wall. The repair barrel encompassed the leaking one inch line.

Map Identification Number 146 **MANHOLE 60244** **Spill Number: 0207553** **Close Date: 04/28/2003**
11TH AVE/49TH ST MANHATTAN, NY TT-Id: 520A-0093-820

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 968 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	KEVIN MCARDLE	Notifier Phone:	(212) 580-6763 ext. 1
Caller Name:	KEVIN MCARDLE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/22/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 pt of unk oil in a manhole clean up pending coned#145667

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #145667:

@01:00 hrs R.Valenzuela #92468 vactor supv. Reported to W.Lee #33243 mcc that R.Carter #18998 vactor oper. found 1 pt of fuel oil and 50 gal of water in manhole 60244 at w/s 11 ave 56’ s/o w.49 st at 01:00 hrs.Took two sample one for pcb, one for oil id and flash point No private property affected, No injuries related to spill, No weather conditions contribute to hazard of spill. Hung sign #37331, Chain of custody #CC09435

Reason for entering structure: Flush manhole

Substance: Fuel oil

Source of spill: Unknown

Cause of spill: Unknown

Spill on: Water

Standing water, No sump pump running, No visual water movement, No substantial cracks, no sewer connection.

Call Cig: @01:42 hrs K Mcardle #16516

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082

Update : 22-OCT-200 @ 15:36 hrs

E/V desk has made arrangements with Clean Harbors to be on location

On OCT 23,2002 @ 07:00 hrs.

Spoke to William Bruce Clean Harbors Rep.

And also spoke to Steve Cioffi of U.G north

Clean Harbors EPA # 004 103 875 has been issued by ERT

Mr. J.Strohing of Clean Harbors called at 15:15 hrs to say his crew completed clean up

And those 200 lbs of solid was removed.

And that 50 gallons of oil and water mixed was removed.

And that tag # 37331 was removed.

Map Identification Number 147 **WEST 49TH STREET SUB-STAT** **Spill Number: 9811013** **Close Date: 06/26/2000**
623 WEST 49TH STREET MANHATTAN, NY TT-Id: 520A-0099-912

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR. RHIEN	Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/02/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	232.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SUSPECTED LEAK FROM FEEDER M52. FEEDER TERMINATES AT SPRINGBROOK SUB-STATION IN YONKERS. PUMP HOUSE LEVELS INDICATE A LOSS OF 232 GALLONS. UNKNOWN WHERE OR WHY. CON EDISON CREWS ARE CHECKING RIVER AND MANHOLES. CON EDISON REFERENCE 121637.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
SEE ALSO SPILL # 9811143.

STEPHEN CRIBBIN OF CONED CALLED IN TO UPDATE THE SPILL: LOCATION FEEDER M52, MANHOLE 61733 IN BROADWAY AND 119TH STREET, MANHATTAN ABOUT 100 GAL OF DIELECTRIC FLUID IN THE MAHOLE OF 1000 GL OF WATER. SAMPLE WAS TAKEN DEC 2 1998 AND THE LAB RESULT INDICATED THE SAMPLE CONTAINS 5 PPM OF PCB. TO FIND OUT WHERE LEAKS COMES FROM. THEY WILL EVALUATE THE MANHOLE. NO SEWER IS AFFECTED.

2/12/99: Update from ERT Wallace: There was no impact to the environment, was contained to manhole. Cleanup epair was completed on 4 DEC 98. Final spill amount 100 gallons.

12-02-98 2:25pm

Dave Perez, ERT- Have S&D on water as a precaution(feeder runs under river) I told him , if location is found overnight to update hotline and also leave me a voice mail.

Notify Steve Sangesland if possible of his response.

Notify Region 3

12-02 3:38pm Dave Perez.

S&D has been up and down Harlem River between 225th & Fordham Rd, no oil seen.

Update 12-04-98

Stephen Cribbon of ConED called in to update the spill.

Location: Feeder M52. MH 61733. About 100gal of dielectric fluid in the MH on 1000 gal. of water. Sample was taken DEc.2,1998 and the lab rsults indicated the sample contains 5ppm of PCB. To find out where leaks come from, they will evacuate the MH and clanup the manhole, no sewer affected.

CON ED E2MIS NOTES

Meter reading descrepancy of 232 gals. on FDR M52,River Patrol boat requested.

5gph leak declared on M52

17:05 Partol Boat reported no oil found in Harlem river Crosing.

17:20 Pumphouse & PURS inspected, no leaks.

19:50 all Bronx MH checked, no leak found

01:10 Pipes exposed, no leak found

07:00 Only indications found at 120th St.(old Leak) and 117th St.

10:10 MH 61733 at B'way s/o 119th St. was opened to ckeck and dielectric fluid was found entering the manhole through the wall sleve.

VNR to begin excavating outside the MH

11:20 leak was discoverd to be on feeder M51 not M52

11:15 - 11:30 Notified that USI flow meter on leak detection system was found jammed at Sprainbrook Station,when the flow meter was repaired at Sprainbrook S/S flowmeter showed flow into tanks at Sprainbrook S/S. Tank levels have not changed at Sprainbrook S/S but gauges may not be functioning correctly. Because of theis information there may not be a leak on feeder M52 and the 232 gallons originally reported as lost was not.

Map Identification Number 148 **WEST 49TH ST. SUBSTATION** **Spill Number: 9411450** **Close Date: 01/07/2003**
WEST 49TH ST. NEW YORK, NY TT-Id: 520A-0099-905

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W 49TH ST
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	SAME (CON EDISON)	Spiller Phone:	(212) 580-6763
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/28/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SHEEN THROUGH CONCRETE WALL SUMP PUMP IS SECURED POSSIBLE PREVIOUS OIL LEAK CONTAINED. CONTRACTOR CALLED TO INVESIGATE CAUSE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
same as #9301730

Map Identification Number 149 **FEEDER 51** **Spill Number: 0911174** **Close Date: 01/19/2010**
601 WEST 49TH ST MANHATTAN, NY TT-Id: 520A-0248-520

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/16/2010		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	475.00	GALLONS	0.00	GALLONS	

Caller Remarks:

**POSSIBLE FEEDER LEAK ABOUT 475 GALLON DISCREPENCY IN THE TANK.

DEC Investigator Remarks:

duplicate spill. See 0911173

3/18/10 - Austin - Spill contained and cleaned up by Con Edison - See eDocs for the report - spill report closed - end

Map Identification Number 150 **FEEDER 51** **Spill Number: 0911173** **Close Date: 03/02/2010**
601 49TH ST MANHATTAN, NY TT-Id: 520A-0249-292

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-6763

Category:	Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class:	Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/16/2010		OTHER	YES	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

**POSSIBLE FEEDER LEAK 475 GALLON DISCREPENCY IN THE TANK.

UPDATE: 01/17/10 0246 The amount hasn't changed but have found unk amount of oil in soil at 155 St and Harlem River Dr. They will work to put a temp. clamp on feeder.

DEC Investigator Remarks:

DEC PIPER responded to site 1/17/10 at 1pm . Con ed had already made permanent repair to leaking feeder approx 550- 600 gal spilled to soil. Excavation was 10x 7 and approx 8' deep. Crews were using a guzzler to continue removing soil. Sidewalls have been shored. Endpoint samples will be collected. Once shoring is removed, soil excavation will continue horizontally.
Con Ed # 219935

The floor of the excavation consisted of bedrock so no floor samples were taken. The side and end walls were each sampled. The side wall samples were taken immediately adjacent to the leak location. All samples meet the DEC closeout criteria of less than 10,000ppm TPH. This spill is closed. See e-docs if warranted.

3/18/10 - Austin - Spill contained and cleaned up by Con Edison - See eDocs for the report - spill report closed - end

Map Identification Number 151 **WEST 49TH ST SUB STATION EMIS 218166** **Spill Number: 0906042** **Close Date: 09/16/2009**
637 WEST 49TH ST MANHATTAN, NY TT-Id: 520A-0232-115

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/24/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

200 GALLON PRODUCT DISCREPANCY FROM FEEDER M51. ABOUT 1.9 GALLON PER MINUTE LEAK RATE. SPRAIN BROOK SUB STATION IS THE BEGINNING POINT. POSSIBLE LEAK, NOT CONFIRMED AT THIS TIME.

DEC Investigator Remarks:

9/16/09 - Austin - Leaking nut (+ 75 gals. di-fluid)found in manhole @233 St. and Jerome Ave., Bronx - Spill contained and cleaned up - see EMIS in eDocs file - closed - end

Map Identification Number 152 **CON ED MANHOLE** **Spill Number: 0804909** **Close Date: 07/23/2009**
630 WEST 50TH STREET MANHHATEN, NY TT-Id: 520A-0220-522

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERTSDESK	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/29/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

while draining manhole oil came out went into sewer

DEC Investigator Remarks:

7/23/09 - Austin - Spill cleaned up by Con Ed - see EMIS in eDocs. - end

Map Identification Number 153 **WEST 50 ST S/S - XFMR # 3, 2 QT LEAK** **Spill Number: 0704103** **Close Date: 11/08/2007**
601 WEST 49 STREET. SUBSTATION MANHATTAN, NY TT-Id: 520A-0090-034

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 601 W 49TH ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: gdbreen
Spiller: ERTSDESK - CON EDISON 50 ST SS
Notifier Name:
Caller Agency:
Contact for more spill info: ERTSDESK
Spiller Phone: (212) 580-8383
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/11/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1/2 GALLON MATERIAL IS SPILLED ONTO BLUE STONE; REF #206911; NOT YET CLEANED;

DEC Investigator Remarks:

11/08/07 - See eDocs for Con Ed report detailing cleanup and closure.

206911. see eDocs

Map Identification Number 154 **IN SUBSTATION** **Spill Number: 0608200** **Close Date: 10/23/2006**
WEST 49TH/ 11TH AVE MANHATTAN, NY TT-Id: 520A-0090-264

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: W 49TH ST / 11TH AVE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: JHOCONNE
Spiller: ERTS - IN SUBSTATION
Notifier Name:
Caller Agency:
Contact for more spill info: ERTS
Spiller Phone: (212) 580-8383
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/17/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1025	GALLONS	0	GALLONS	SOIL

Caller Remarks:

refference number 202937; not yet found where it came from; leak contained not yet cleaned;
NO LEAK FOUND AND WAS FOUND TODAY AND NEVER WAS A LEAK: WENT TO A DIFFERENT TANK:

DEC Investigator Remarks:

False alarm - no leak. See eDocs for Con Ed report. (JHO)

Map Identification Number 155 **WEST 49 STREET SUBSTATION** **Spill Number: 0604873** **Close Date: 08/03/2006**
637 WEST 49TH STREET MANHATTAN, NY TT-Id: 520A-0099-927

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	GDBREEN	Contact for more spill info:	ERTS	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/29/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

USI ALARM INDICATES A LEAK OF 600 GALLONS PER HOUR. UNCONFIRMED IF THERE IS A LEAK OR NOT. SPRAINBROOK SUBSTATION IN WESTCHESTER (CROSSES THE HARLEM RIVER).

DEC Investigator Remarks:

False Alarm. ConEd never created an incident number to backup this telephone report, according to ERT Mike D'Agostino on 8-3-06.

Feeder M61 may have had a hiccup, however, which led to a thirty gallon release at the Sprainbrook substation in Region 3. See 0604887 and (201521).

Closed on that basis.

George Breen

Map Identification Number 156 **WEST 49 STREET S/S.** **M51 COOLING PLT** **Spill Number: 0514233** **Close Date: 01/10/2008**
637 WEST 49 STREET. SUBSTATION MANHATTAN, NY TT-Id: 520A-0099-923
SIX QUART RELEASE.

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERT DESK - CON EDISON		Spiller Phone: (212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	PAUL DEDONOTO		Notifier Phone: (212) 580-6763
Caller Name:	PAUL DEDONOTO	Caller Agency:	CONED		Caller Phone: (212) 580-6763
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK'		Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/13/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	56.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

unsure still investigating: in a mote: no to 5 questions: coned # 163320

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

163320. On 3/13/06 at 12:05 I. Mcdonald # 52509 of w. 49 St Substation called to report that at 11:00 he discovered 1-1/2 gallons of transmission feeder fluid (dielectric fluid) on the meatal floor of the cooling plant located at 637 W. 49 St. He states that the oil is from feeder M-51 He does not know where the oil came from exactly. He has reported it to his supervisor. There was no sewers or waterways affected. No fire or smoke invovled No private property affected. No injuries related to the spill. He also reports that there is an unknown amout of oil in the concrete moat he does not know where this oil came from either. The capacity of the moat is 55 gallons as reported by ERT M. Daughtrey # 88151. 3/13/06 12:41 P. Didonato # 01669 was notified. R. Bruns # 21106

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill.

Map Identification Number 157 **WEST 49TH SUBSTATION** **Spill Number: 0409234** **Close Date: 01/06/2005**
637 WEST 49/11TH AVE MANHATTAN, NY TT-Id: 520A-0099-901

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	FILCO CARTING	Spiller Phone:	(718) 456-5000
Notifier Type:	Other	Notifier Name:	LARRY COSTA	Notifier Phone:	(212) 580-8383
Caller Name:	LARRY COSTA	Caller Agency:	CON ED	Caller Phone:	(212) 580-8383
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/18/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PAINT	OTHER	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

3 OUNCES OF OIL BASED PAINT: FROM A CARTING VEHICLE, WHILE PICKING UP PAINT, SPILLED INTO DRAIN: NO TO 5 QUESTIONS. e2MIS 156283.000

DEC Investigator Remarks:

Employee reports he discovered a Filco Carting garbage truck leaking fluid from the back of the truck in our parking lot. The driver stated it was paint he picked up at a non-Coned location. Approximately 3 ounces spilled into the storm sewer located in the middle of the parking lot. Approximately 2 quarts leaked onto the asphalt of the parking lot. The bottom of the sewer is filled with water that shows no movement. Pads were placed on the bottom of the sewer and the asphalt is being cleaned. Filco is sending personnel to assist in the clean up. We do not know if the paint was oil or latex based. Clean up is ongoing.

18-Nov 0945
Update
The NYC DEP came to inspect site. They issued an order to Filco to clean the area. The pads were removed from the sewer and no paint was left on the water. The owner of the location where the paint was picked up by Filco stated that the paint was latex based. The asphalt area is being cleaned.

Update - As of 12:30 hrs Vic Faster reported that a Filco crew came onsite at 1000hrs and cleaned up the asphalt. The truck drain was plugged to prevent further leaking and the vehicle was removed from the location to their garage. Clean up complete. Vehicle removed from site.

Map Identification Number 158 **WEST 50TH STREET SUBSTATI** **Spill Number: 0207125** **Close Date: 01/22/2003**
637 WEST 49TH STREET MANHATTAN, NY TT-Id: 520A-0099-871

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	WALLY LEE	Notifier Phone:	
Caller Name:	SEAN MCGEEVER	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/09/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

6 OUNCES OF UNKNOWN OIL ON 50 GALLONS OF WATER IN AN EXCAVATION. SAMPLES TAKEN. CLEAN UP PENDING TEST RESULTS. CON EDISON REFERENCE NUMBER 145508.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
E2MIS NOTES 145508

@16:35 hrs P.Keelan #19995 senior spec reported to W.Lee #33243 that he founded 6oz of unknown oil in 50 gal of water in excavation in parking lot at w.50 st yard @16:25 hrs. Hung sign #S01143 Took two sample one for pcb and one for oil id. Chain of custody #CC07815 Reason for entering site: Maintenance, Digging excavation for transfomer.

Lab results complete- PCB level <1ppm - ID - Lubricating oil.

Clean harbors called to perform clean-up of oily water and soil on 10/11/02.

10/12/02

Clean harbors removed approx 3 cubic yards of oily soil and 100 gallons of oily water.

10/14/02

No visible sheen on water or contaminated soil evident. When a jar of water was taken from excavation it there was no evidence of oil by sight, smell and touch.

10/15/02

Clean harbors returned and vacuumed out approx 1000 gallons of water. Intermittent sheens were evident while removing water. Approx one cubic yard of debris was removed. It is necessary to dig to bedrock for the new foundation support column. The trench is surrounded by old foundation walls from a previous building.

10/18/02

Clean Harbors removed all soil and debris from trench. There are four concrete walls surrounding trench. There is no soil present to clean. The floor is bedrock.

This appears to be an old sump pit from the basement of the previous building on this site. All walls and bedrock were double washed.

There is no longer any contaminated soil or oil present.

I spoke with Jane O'Connell and described the excavation. She stated that as long as all soil was removed and there are four walls and bedrock floor the spill clean up is complete and we could pour the concrete footing.

10/19/02

Concrete footing is poured. No oil or sheen present at any time.

Map Identification Number 159 **WEST 49TH ST SUB STATION** **Spill Number: 0200643** **Close Date: 04/21/2003**
637 WEST 49TH STREET MANHATTAN, NY TT-Id: 520A-0099-869

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 WEST 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	JOHN MORAN	Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/17/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

about 1/2 pint - ref #142328

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis 142328

4-17-02 @ 13:35 . M Vasquez #17135 reports that while doing an inspection @ w 49 st substation, located @ 637 w 49 st He

discovered 1/2 pint of an unknown oil had leaked in the tranfer switch cabinet and the concrete floor in trans #3. There is or was no smoke or fire involved. No sewer or waterway affected. No injuries related to the spill. Weather conditions did not contribute to the hazard of the spill. No private property affected. Source and cause of spill are unknown.

There is oil filled equiptment in the structure (a transformer) . Environmental yellow tag # s01872 was applied. No water involved. No sewer connection. No sump or sump pump. No substantial cracks. There is a dielectric filled feeder in the structure. Samples are to be handled by the supervisor of the station. Oil absorbent pads were placed as well as "balonies" . Cleanup is pending sub station personell

UPDATE: 5/1/02 @12:18 pm

Per Michael Butchar's, Supervisor SSO, #20259 email note of April 18, 2002, the spill was contained by SSO/M it was coming from a valve below the buckholtz

switch. SSO/M tightened the valve.

Stu:

E2MIS 142328 (TR3 @ W.49th St. WO# 157937) has been addressed and no leaks are present at this time. On 18 March 2002 we found residual oil in the control cabinet that appeared to have migrated from a gas detector relay valve. The fittings were tightened and the cabinet cleaned.

1/9/2003

On January 7, 2003 a inspection was performed of W49 St substation. Joe Susco, Robert Sanchez, Patrick Keelan, Mike Butchar represented SSO. Kerry Foley represented the DEC. This incident was inspected and all agreed that the clean up and repairs were completed sufficiently to close out this spill.

Map Identification Number 160 **WEST 49TH ST SUBSTATION** **Spill Number: 0008897** **Close Date: 05/07/2001**
637 WEST 49TH STREET MANHATTAN, NY TT-Id: 520A-0099-867

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 WEST 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR TRAYNOR	Notifier Phone:	
Caller Name:	TED ROBICHAUD	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/31/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

3 quarts unk oil spilled..clean up will be done tomorrow...

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
DEC INSPECTOR'S NOTES

CON ED E2MIS REPORT 10-31-2001

3 qts of unknown fluid in the south tunnel of the station. The source of the spill is from a sump that overflowed in the tunnel.It was determined that the sump pump had a defective float which was repaired. The unknowm fluid was squeeged back into the sump, the sump is connected to a skimmer tank. The spill did not enter the sewer or the waterways. Chem-lab took a sample.

Cliff granger generated 2 incident#'s 134180 & 134181 they are to be voided.

Spill has been cleaned up and the defective float switch has been repaired.

Map Identification Number 161 **208020; W 53 ST** **Spill Number: 0890450** **Close Date: 08/16/2010**
W 53 ST , NY TT-Id: 520A-0220-039
W 53 ST 10AV 9AV

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1061 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: W 53RD ST / 10TH / 9TH AVE
Revised zip code: UNKNOWN

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMZALEWS	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/13/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	UTILITY

Caller Remarks:

M10190 - 441-55 W-53 ST - UNKNOWN SUBSTANCE
Pending: Operational Necessity for Business Units Other Than S&TO or SSO

DEC Investigator Remarks:

08/16/2010
See eDocs for Con Ed report detailing cleanup and closure DMP

Map Identification Number 162 **XFMR IN VAULT 1411 IS LEAKING** **Spill Number: 0705793** **Close Date: 12/28/2007**
524 WEST 57 STREET AT 10 AVENUE MANHATTAN, NY TT-Id: 520A-0090-044

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1067 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 524 W 57TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	gdbreen	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/20/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CONTAINED TO THE VAULT. NO SMOKE, FIRE. CON ED # 207663. CLEAN UP TO BEGIN AS SOON AS THE TRANSFORMER IS DE-ENERGIZED.

DEC Investigator Remarks:

12/28/07 - See eDocs for Con Ed report detailing cleanup and closure.

207663. see eDocs

Map Identification Number 163 **CBS BROADCASTING** **Spill Number: 0408303** **Close Date: 10/28/2004**
BETWEEN 56TH & 57TH ST MANHATTAN, NY TT-Id: 520A-0098-933

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1067 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 530 W 57TH ST
Revised zip code: 10019

Source of Spill: UNKNOWN
Notifier Type: Citizen
Caller Name: ANONYMOUS
DEC Investigator: JMKRIMGO
Spiller: CBS BROADCASTING
Notifier Name: ANONYMOUS
Caller Agency: CITIZEN
Contact for more spill info:
Spiller Phone:
Notifier Phone: ( ) -
Caller Phone: ( ) -
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/27/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

caller states that when she walks by the building and she can smell a very strong odor.she says it makes her sick.wants someone to check it out.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 164 **CBS BROADCASTING STUDIOS** **Spill Number: 0004508** **Close Date: 12/01/2000**
524 WEST 57TH STREET MANHATTAN, NY TT-Id: 520A-0098-931

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1067 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: ANDREW ROBINSON
DEC Investigator: JMROMMEL
Spiller: UNKNOWN - UNKNOWN
Notifier Name: ANDREW ROBINSON
Caller Agency: ABS ENVIRONMENTAL
Contact for more spill info: MR. KRUPSKY
Spiller Phone:
Notifier Phone: (973) 865-0033
Caller Phone: (973) 865-0033
Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/14/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reporting a spill of from unk source no cleanup and callback necessary

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"

Map Identification Number 165 **MH 62814** **Spill Number: 9807726** **Close Date: 10/20/2004**
10TH AVE /WEST 49TH ST MANHATTAN, NY TT-Id: 520A-0090-964

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1093 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	MAJOR OIL FACILITY (>400,000 GAL)	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	COOK	Notifier Phone:	(212) 580-6763
Caller Name:	WILLIAM MURPHY	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/24/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

spill possibly from a feeder 38-m-72 at manhole number 62814

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

DEC Notes:
9/24/98 ERT Bernice Jones - Dielectric oil not diesel. 2gal. Bernice to call back with more info.

~~~~~~~~~~~~~~~~~~~~
E2MIS 120015
On 9/24/98 E. Davila (13034) Senior Elec. Tech and C. Spencer (16599) Sr. Elec. Tech. found 2 gallons of oil on top 8000 gallons
~~~~~~~~~~~~~~~~~~~~

of water contained inside mh 62814 for feeder 38M72. Cathodic protection testing was not performed. No oil entered the sewers or waterways. REFERRED TO S&TO THROUGH EMAIL NOTIFICATION

CLEANUP CHECKLIST NYSDEC Spill No. 98-07726
Containment/Cleanup Activities (per GEI 2.11, 2.13, 2.16, 3.2, or 3.3)
X Removed/recovered liquid/solids.
X Used absorbents to remove residual fluids.
X Removed visible traces of oil.
X Washed stained areas.
Cleanup completed on Date 09/25/98 Time* 1500

Map Identification Number 166 **ENVIRONMENTAL HIGH SCHOOL -M834** **Spill Number: 1007453** **Close Date: 10/15/2010**
448 WEST 56TH STREET MANHATTAN, NY TT-Id: 520A-0255-626

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1127 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	HRAHMED	Contact for more spill info:	DEMETRIOUS STEPHANOPOLIS	Contact Person Phone:	(347) 865-0760

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/12/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

OIL FOUND IN DRAIN LINE FROM BOILER ROOM, UNKNOWN ORIGIN. CLEANUP PENDING.

DEC Investigator Remarks:

10/12/10-HRAHMED- Spoke to Joe Lazarus from NYC DOE (718 361 3742). As per him, they hired a contractor to clean up a clogged drain in the boiler room. While cleaning, the contractor found hardedned oil in the drain that clogged the drain. The cleared the

drain. No more oil is comming and there is no odor in the school or in the boiler room. Discuss this issue with RSE Randall Austin. In the discussion he mentioned this could be a one time event, could be tar, roofing material. If no more oil is showing up in a couple of days, we can close the spills. Will follow up to check if oil is comming.

10/15/10-HRAHMED- Spoke to Mohammad Hamida from DOE. As per him, no more oil is comming and there is no petroleum odor in the school. Asked him if they notice more oil is comming call the spill hotline.

This case is closed.

Map Identification Number 167 **Spill Number: 0308545** **Close Date: 04/27/2004**

444 W 56TH ST MANHATTAN, NY TT-Id: 520A-0091-469

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1127 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:	ANTHONY LARA	Notifier Phone:	(718) 624-4842
Caller Name:	ANTHONY LARA	Caller Agency:	PETROLEUM TANK CLEANERS	Caller Phone:	(718) 624-4842
DEC Investigator:	MXTIPPLE	Contact for more spill info:	ANTHONY LARA	Contact Person Phone:	(718) 624-4842

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/12/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

cleanup complete - to look further into cause and remediate if necessary

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"

Sangesland spoke to Anthony Lara at PTC.

He says the building noticed a small crack in the basement foundation wall with a small amount of #6 oil coming through the wall. Building manager says that there were two 7500 gal tanks abandoned 20 years ago in the sidewalk just on the other side of this basement wall. PTC has been hired to open up the sidewalk on the weekend of 11/15 - 11/16. They will open the tanks and check if the tanks were actually closed out properly.

11/19/03 one 10,000 gal tank exposed when sidewalk opened, 19' of #6 oil in tank disposed of by PTC ian Costello Branch services--631-563-7300 ex-21 fax-7389

12/18/03 ROBERT DELGADIO--516-683-0200

1/13/04 tipple reviewed proposal for delineation//continuous screaning of borings in response letter//

3/15/04 Tipple spoke with Anthony Lara(Big Anthony)after review of the 2/25/04 submittal. Minor SVOC exceedances in a limited area adjacent to building. PTC will fill the tank with slurry and grout and epoxy seal the building wall to prevent potential future human exposure .

4/27/04 TIPPLE UPDATING// PTC completed work //nfa

Map Identification Number 168 **VAULT # UNKNOWN** **Spill Number: 0012850** **Close Date: 06/24/2003**
444 WEST 56TH ST MANHATTAN, NY TT-Id: 520A-0091-199

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1127 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MARTY BARRY	Notifier Phone:	(212) 580-6765
Caller Name:	CHARLIE MCCARTHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6765
DEC Investigator:	JHOCONNE	Contact for more spill info:	CHARLIE MCCARTHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/05/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ASKAREL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

under ground vault on fire fd is on the scen along with con edison release has been confirmed the capicitors contained 18 oz of askarel above 500 ppm called in at 6:10am no visible signs of oil in the vault capicitars did burn up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis #135812:

3/06/01 14:20 hrs.

The New York Fire Dept. reported at 22:48 hrs. on 3/05/01 a possible transformer fire in front of 444 West 56 Street between 9th & 10th Ave. The Fire Dept. was advised at 22:50 hrs. by #9 to assume 500 ppm PCB's until other wise informed. Carl Bruce #89045, Red Wagon Supervisor, reported at 23:22 hrs. that the fire is in vault V1383 located in front of 434 West 56 Street. V1383 shows askarel capacitors in the network protector. Previous PCB history data from records indicate 10 ppm. Note: At 23:27 hrs. the Fire Dept. was informed of the askarel by #9 TD and told to use all possible caution. Cliff Graner #48414 , #9 General Supervisor informed C. Bruce, #9 Red Wagon, at 23:33 hrs. of askarel capacitors and told him to inform Fire Dept. on scene to use all possible caution. Manhattan Control Center (MCC) #9 notified the ERT of this incident at 23:45 hrs.

ERT, Ray Lo, arrived on site at 00:05 hrs. Carl Bruce reported at 01:43 hrs. that the fire door in vault V1383 is burnt up and the network protector is totally destroyed.

NOTE: In order to fully inspect the network protector compartment and transformer vault, the network protector has to be isolated. At 06:00 hrs. Carl Bruce reported that the I&A completed isolation of the switch (NWP) in vault V1383. Richard Smith, I&A Mgr., reported at 07:30 hrs. that work is at a stand still at this location since a chemist is required to do air monitoring of asbestos. At 07:32 hrs. Astoria Chem Lab notified to dispatch a chemist.

At approx. 09:30 hrs. Rich Smith and Rich Zoeller reported the following information regarding this incident to the Environmental Desk: A network protector fire completely destroyed the network protector switch in transformer vault V1383 located in front of 434 West 56 Street between 9th & 10th Avenue. The network protector contained three (3) askarel filled capacitors, asbestos arc chutes, barriers and an asbestos backboard among other components. Since each capacitor contained 6 ounces of askarel, a total of 18 oz. of askarel was released (due to the fire) to the network protector (NWP) compartment. In addition there was approx. 50 gallons of water in the NWP compartment. The source of the askarel was the capacitors. The source of the asbestos was the components of the network protector switch. The cause for both releases was the fire. There was active fire and smoke involved when the network protector was burning. There is oil filled equipment in the structure - the transformer in the vault (adjacent compartment). Askarel components were involved. There was standing water but visual movement was not verified. There is a sewer connection in the transformer vault which was not affected. There is no concrete sump, and no sump pump in the NWP compartment. There is no evidence of release to sewer or waterway. Visible substantial cracks were not verified. The melted network protector,

askarel, asbestos and water was on the concrete floor of the compartment. No environmental spill tag was installed since there will be no entry to the compartment until air monitoring indicates no signs of asbestisides and it is safe for entry. No samples were taken and no initial cleanup action taken due to the air monitoring that will be performed. Hillman Environmental will be performing the air monitoring. (Note: the ERT attempted to contact Airtek Envir but there was no response to the phone calls. It was also thought that ATC was removed from the contract listing .... logged by Zoeller, 11940, 3/8/01)

Following Inserted by Zoeller, 11940, 3/8/01 13:45

3/6/01 07:00 AM Zoeller prepares ACP7 to cover emergency abatement of vault and transmits it to EH&S for processing

3/6/01 09:30 AM Hillmann arrives on location and starts area and excursion monitoring.

3/6/01 15:00 PM Zoeller requests Chem lab to schedule atmosphere testing prior to entry into V1383.

Crew will be dispatched and perform testing immediately prior to entrance at 08:00 on 3/7/00.

3/6/01 15:59 PM ACP7 received by NYCDEP

3/6/01 16:00 PM Radtke report that Lou First identifies some staining on face of building directly adjacent to V1318. Zoeller notified. Radtke contacts Astoria Chem lab to arrange for wipe samples to be taken of the stained area, grating and fire damaged door.

3/6/01 17:36 PM Hillmann faxes air monitoring results to Sean Mahoney (ERT)

Pretest Results: Transf #1 Inside <0.002 f/cc

Transf #2 Inside <0.002 f/cc

Street Level #1 <0.002 f/cc

Street Level #2 <0.002 f/cc

Excursion Limit Transformer Vlt <0.03 f/cc

3/6/01 17:40 Sean Mahoney contacts Zoeller to notify that all samples are reported as less than the detection limit.

UPDATE @ 18:23 hrs.

ERT, Sean Mahoney reported that the Chem Lab is on location taking wipe samples. He also indicated that the asbestos sampling results have been received.

03/07/01 10:46 Received lab results, lab sequence # 01-02285

#1-wipe sample: outside school wall Aroclor - none PCB - <1.00 ug/100 cm 2

#2-wipe sample:outside top of vault grate Aroclor - none PCB - <1.00 ug/100 cm 2

#3-wipe sample:door middle of panal Aroclor - none PCB - <1.00 ug/100 cm 2

UPDATE: 3/07/01

NOTE - The following information is part of the main report detailed above: Ray Browne, I&A Supervisor, reported at 06:51 hrs. on 3/06/01 that the intervault ties were disconnected in vault V1383, Feeder 21M31. Ray Browne also reported that ERT, Ray Lo, requested air samples. He has crew on location waiting for air samples to be taken.

UPDATE: 3/08/01

Frank Garafola #15481, I&A Supervisor, reported at 16:08 hrs. on 3/07/01 that I&A South crews entered the network protector compartment in vault V1383 and found 2 of the askarel capacitors (of the network protector) intact and 1 capacitor with a hole in the bottom of the can. Based upon his inspection and this

information, the amount of askarel released is only 6 ounces and not 18 oz. The I&A was doing an asbestos abatement when they discovered the status of the capacitors. Mr. Garafola stated there was asbestos on the cables, shells & limiters and pieces of arc chutes and backboard in the network protector compartment. All of this debris will be cleaned up during the abatement.

The plan for the cleanup is to do the asbestos abatement first, take air samples and wait for a clear air report. Once the air analysis is good, the I&A will do the oil / askarel cleanup.

Abatement of network compartment commences on 3/7/01. Airteck Envir on site performing monitoring. Remote decon being prepared. Abatement and cleanup will follow written procedures as prepared by Zoeller.

3/8/01 - Cleanup continues. All debris disposed of as PCB/Asbestos. A total of five fifty-gallon drums filled with solid PCB/Asbestos debris and transported under the one trip rule back to 281 Eleventh Av temporary PCB storage. The compartment was abated of all unneccessary asbestos. Entire cleanup was

completed by 14:00 hrs on 3/8/00. Airtek initiated final clearance testing at 14:00 hrs. Clearance obtained at 18:00 hrs. Negative air shut down and decon dismantled. Crew double washed entire compartment with Oil Free. Two additonal fifty gallon drums of PCB debris were transported to 281 Elventh Ave. Entire

compartment now ready for chem lab to perform wipe sample. Arrange for Chem Lab to arrive on 3/9/01

3/9/01 Chem lab arrives at 10:00 hrs to perform wipes as per grid drawing. 37 wipes in total.

Lab Sequence #01-02436

1 none < 1.0 19 1260 < 1.0

2 1260 < 1.0 20 1260 2.0

3 1260 < 1.0 21 1260 < 1.0

4 1260 < 1.0 22 1260 < 1.0

5 1260 < 1.0 23 1260 < 1.0

6 none < 1.0 24 1260 < 1.0

7 1260 < 1.0 25 1260 < 1.0

8 1260 < 1.0 26 1260 < 1.0

9 1260 < 1.0 27 1260 < 1.0

10 none < 1.0 28 1260 2.0

11 1260 < 1.0 29 1260 3.0

12 1260 3.0 30 1260 < 1.0

13 1260 < 1.0 31 1260 < 1.0

14 1260 < 1.0 32 1260 < 1.0

15 1260 < 1.0 33 1260 < 1.0

16 1260 < 1.0 34 none < 1.0

17 1260 < 1.0 35 1260 < 1.0

18 1260 < 1.0 36 1260 5.0

37 1260 2.0

UPDATE: 3/20/01

J. Comerbatch, I&A South Supervisor, reported at 12:15 hrs. that environmental spill tag #00828 was removed at 12:14 hrs. on 3/20/01. The cleanup is now complete.

Map Identification Number 169 **55TH ST. & 12TH AVE.** **Spill Number: 9400498** **Close Date: 04/14/2003**
55TH ST / 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0093-920

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1128 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 55TH ST / 12TH AVE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	DEC	Notifier Name:		Notifier Phone:	
Caller Name:	ECO LOPEZ	Caller Agency:	NYS DEC - REG 2	Caller Phone:	(718) 482-4885
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/12/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SURFACE WATER

Caller Remarks:

KENS MARINE & OIL SERV. CORP. DOING CLEAN UP (201)339-0673. CLEAN UP AT BULK HEAD BY MARINE MGMT CORP. (W 57TH ST AT SEWER OUT FALL) REFER TO SPILL #9400476 <OIL TANK LOOK IN VAULT - 2-153192>.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
REFER TO 9400476

Map Identification Number 170 **PIER 90** **Spill Number: 1010240** **Close Date: 12/31/2010**
WEST 55TH STREET AND 12TH AVE MANHATTAN, NY TT-Id: 520A-0258-136

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1128 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: WEST 55TH STREET / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	SUSPECTED OVERFILL	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JBVOUGHT	Contact for more spill info:	DENNIS GOLDSTEIN	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/31/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

SUSPECTED OVERFIL OF ANYWHERE B/W 25-300 GALLONS CONTAINED TO TANK ROOM, CLEANUP PENDING FURTHER INFO.

DEC Investigator Remarks:

12/31/10-Vought- DEC Sangesland called and spoke the Farrantino and overfill of approx 300 gal to secondary containment. Action environmental was contacted and hired contractor to pump out secondary containment. No release to subsurface soils or groundwater and spill closed by Vought.

Map Identification Number 171 **Spill Number: 0400229** **Close Date: 04/08/2004**

WEST 55TH ST/ JOE DIMAGIO MANHATTAN, NY TT-Id: 520A-0093-921

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1128 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 55TH ST / 12TH AVE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	JACK SNOW	Spiller Phone:	(917) 672-4412
Notifier Type:	Local Agency	Notifier Name:	SEAN DONOHUE	Notifier Phone:	(212) 689-1520
Caller Name:	SEAN DONOHUE	Caller Agency:	NY DEP	Caller Phone:	(212) 689-1520
DEC Investigator:	MXTIPPLE	Contact for more spill info:	JACK SNOW	Contact Person Phone:	(917) 672-4412

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/07/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

caller stated that they received a report of an "unknown dark substance" coming from the Audi dealership at the above location.
HASMAT has been notified.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
Tipple responded to the site, walked the length of West 55th street around the Audi dealer. So sign of contamination was found.

Closed

Map Identification Number 172 **CBS CONSTRUCTION SITE** **Spill Number: 9910593** **Close Date: 08/13/2007**
857 10TH AVE NEW YORK, NY TT-Id: 520A-0093-860

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1150 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: ANONYMOUS
DEC Investigator: sxlasdin
Spiller: KAREN LANVISERA - PETRO OIL CO
Notifier Name: ANONYMOUS
Caller Agency: CITIZEN
Contact for more spill info: UNK
Spiller Phone: (516) 931-0820
Notifier Phone:
Caller Phone: (000) 000-0000
Contact Person Phone: (000) 000-0000

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/06/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL COMPANY ON SITE TO CONTAIN FOR CLEANUP

DEC Investigator Remarks:

6/5/07 - Matthew W Klaas -
-Approximately 250 gallons of #2 Fuel Oil spilled
-Miller Enviornmental Group contacted immediately for clean up
-Obtained work logs documenting removal of contaminated materials which include 20 cubic yards of solids along with 600 gallons of an oil/water mixture, both of which were classified as non-hazardous waste
-The clean up began same day as spill and lasted 2 days
-No further reported problems from spill site

6/6/07-Matthew Klaas
-File revied by Martin Brand, the file was marked as closed.

6/7/07-Matthew Klaas
-Letter of no further action sent to current property owner

Map Identification Number 173 **VAULT 4736** **Spill Number: 0506311** **Close Date: 01/10/2008**
425 WEST 50TH STREET MANHATTAN, NY TT-Id: 520A-0091-634

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1170 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN.	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	RON ELLIOTT	Notifier Phone:	(212) 580-8383
Caller Name:	RON ELLIOTT	Caller Agency:	CON ED	Caller Phone:	(212) 580-8383
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK‘	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/22/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CON ED # 160642.

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

e2mis no 160642

M. Prystupa 02394, discovered 15 gallons of unknown oil in V-4736, located at 425 W. 50 ST. No sewer/waterways affected.
Substance; unknown oil. Cause is unknown. Spilled on concrete, no water. No sewer connection, drain is clogged. No sumppump running.Environmental tag #38779
Two samples taken 1- pcb 1 oil id.

Map Identification Number 174 **THE HITE FACTORY** **Spill Number: 0602687** **Close Date: 10/27/2006**
421 WEST 54TH ST MANHATTAN, NY TT-Id: 520A-0090-502

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1177 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	RICHARD SAUNDERS - THE HITE FACTORY	Spiller Phone:	(203) 324-1700
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	rmpiper	Contact for more spill info:	RICHARD SAUNDERS	Contact Person Phone:	(203) 324-1700

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/09/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

THEY DID SAMPLING ON THE SITE. CLEAN UP IS BEING INVESTIGATED.

DEC Investigator Remarks:

IVI is currently providing environmental consulting services related to the #6 oil contamination identified at 421 W54th Street. The building is currently under renovations and
contamination was identified beneath the sub-basement concrete slab, where an elevator pit is to be constructed. IVI collected grab water samples from two locations, and sent them to Worldwide Geoscience, Houston, Texas for forensic analysis. Based upon a telephone
conversation with Worldwide, the samples were identified as 40 to 60 year old #6 oil. The samples were characterized as water with a petroleum product emulsion. IVI has sent samples to York Analytical Labs for analysis of dissolved VOC and SVOC as well. At this time, the
final laboratory reports of analysis have not been issued by Worldwide or York.

IVI has been asked to develop a plan for investigation of the contamination. This plan will involved soil and groundwater sampling necessary to provide a full delineation of contamination, and will provide data necessary to develop an appropriate cleanup strategy. The
property owners are very much interested in developing a plan that will allow for investigation and cleanup, while moving forward with the buildings current redevelopment/renovation activities.
all correspondence should be sent the owners legal
counsel:

Mr. Reed Rubenstein
Greenberg Traurig, LLP

800 Connecticut Avenue, N.W.
Suite 500
Washington, DC 20006
Telephone: (202) 331-3100
Facsimile: (202) 331-3101

8/1/06- DEC Piper reviewd subsurface investigation report. As per report there is slight concentrations below TAGM for VOC and SVOC in several areas. GW samples revealed ND. DEC Piper phoned Steve Gustems. They will be removing contaminated soil.

8/16/06- DEC Piper responded to site and met Steve Gustems. While on site Piper observed small l=globules of oil on water in excavation. Steve will continue planned work for installation of elevator and monitor liquids in open excavation. 25+ drums of solid and liquid ready for disposal.
10/27/06- DEC Piper reviewed closure request. As per report and analytical, this spill is closed. See e-docs if warranted.

Map Identification Number 175 **209623; S/S W 50 ST 160'EEC 12TH AV** **Spill Number: 0890350** **Close Date: 01/28/2008**
S/S W 50 ST 160'EEC 12TH AV , NY TT-Id: 520A-0220-043

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1191 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: W 50TH ST / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	Unassigned	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/24/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	UTILITY

Caller Remarks:

TM1240 - W 50 ST 12 TH AV UNKNOWN OIL

Closed: Agency Approval Not Required

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 176 **PASSENGER SHIP TERMINAL** **Spill Number: 8805233** **Close Date: 09/18/1988**
PASSENGER SHIP TERMINAL NEW YORK CITY, NY TT-Id: 520A-0093-892

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1193 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: PIER 90
Revised zip code: 10019

Source of Spill: VESSEL Spiller: UNKNOWN Spiller Phone:
Notifier Type: Citizen Notifier Name: Notifier Phone:
Caller Name: LISA GOULET Caller Agency: USCG Caller Phone: (212) 668-7936
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/16/1988	09/17/1988	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 177 **GROUND** **Spill Number: 0902973** **Close Date: 06/16/2009**
605 WEST 48TH ST MANHATTEN, NY TT-Id: 520A-0229-421

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1204 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	ALLEN FREEDMAN	Contact Person Phone:	(212) 788-4310

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/03/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

unk oil seeping out of ground on commercial site. On site contact # 212-300-2727 Ms. Simmons. They have cracks in the basement which is seeping through. The building is run on natural gas. They would like a call back.

DEC Investigator Remarks:

06/12/09-Spoke to Allen Fredman (212 788 4310) of DOH. As per him this is a commercial real state running on gas. DOH Rosemary Addison(212 676-8916) inspected the site. As per her report, the meter reading was 45 ppm. She noticed cracks in the basement floor. No body lives in the basement. As per her it’s not emmegency to respond. Investigation is necessary to find the source. Allen faxed DOH inspection report, see eDocs in NonFoil section.

6/15/09- DEC Piper performed inspection. Due to flooding of con ed service box with water and oil from street runoff, fluids are leaching into this address. This seems to be a ongoing issue. I recommended to owner, to wait for a dry spell as this month has already seen more than twice the average of rainfall already. Once the area dries, to seal the bawsement with a two part epoxy paint. If that does not work, then to develop a freanch drain to the sump to control the seepage. There was minor amounts of petroleum observed though it was not coming from building. No additional action warranted by owner. Spill closed.

Map Identification Number 178 **CONSTRUCTION PROJECT** **Spill Number: 0502556** **Close Date: 06/06/2005**
10TH AVE BTWN 48ST & 49ST MANHATTAN, NY TT-Id: 520A-0101-540
NYCDEP PROPERTY

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1209 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 10TH AVE BTWN 48ST / 49ST
Revised zip code: UNKNOWN

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	DON HICKEY - CONSTRUCTION PROJECT	Spiller Phone:	(212) 967-2212
Notifier Type:	Responsible Party	Notifier Name:	DON HICKEY	Notifier Phone:	(212) 967-2212
Caller Name:	DON HICKEY	Caller Agency:	NYS DEP	Caller Phone:	(212) 967-2212
DEC Investigator:	SMSANGES	Contact for more spill info:	TED DOWEY - DEP MGR	Contact Person Phone:	(718) 595-6127

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/02/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

HIT AN UNDER GROUND OIL TANK DURING EXCAVATION. SO IT CONTAMINATED THE SOIL FOR METALS AND OILS.

DEC Investigator Remarks:

Sangesland spoke to Don Hickey at the site. He said the site is already being dug out and remediated under another spill number. During the excavation, they hit a newly discovered tank and had an additional spill on the site. Samples from this tank have been tested and found to be non-hazardous. Site will continue to be dug out and remediated as before.

Map Identification Number 179 **410 WEST 53RS ST/MANH** **Spill Number: 9101419** **Close Date: 05/05/1991**
410 WEST 53RD STREET NEW YORK CITY, NY TT-Id: 520A-0091-831

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1212 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name:
DEC Investigator: TOMASELLO

Spiller: UNK-APT BLDG
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/04/1991	05/05/1991	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

INNACCURATE GAUGE; VICTOR TO DO CLEANUP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 180 **609 WEST 48TH STREET** **Spill Number: 9709645** **Close Date: 12/09/1997**
609 WEST 48TH STREET MANHATTAN, NY TT-Id: 520A-0093-808

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 1267 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Citizen
Caller Name: TERRY STALZER
DEC Investigator: MCTIBBE

Spiller: UNKNOWN
Notifier Name: BARBARA DYMOND
Caller Agency: NYC DEP
Contact for more spill info: BARBARA DYMOND

Spiller Phone:
Notifier Phone: (212) 489-1700
Caller Phone: (718) 565-6777
Contact Person Phone: (212) 489-1700

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/19/1997		UNKNOWN	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

notifier stated that there is a strong odor of fuel oil in the air and entering her apartment.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
ODOR DISSAPAITED AND DID NOT RETURN.

Map Identification Number 181 **520 WEST 48TH ST** **Spill Number: 0108089** **Close Date: 11/17/2003**
520 WEST 48TH ST MANHATTAN, NY TT-Id: 520A-0093-802

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1274 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: KIM NASH
DEC Investigator: MXTIPPLE
Spiller: KIM NASH - HAV CLINTON ASSOC LLC
Notifier Name:
Caller Agency: HUDSON COMPANIES
Contact for more spill info: KIM NASH
Spiller Phone: (718) 875-8500
Notifier Phone:
Caller Phone: (718) 875-8500
Contact Person Phone: (718) 875-8500

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/08/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER IS EXCAVATING ON SITE AND DISCOVERED SOIL CONTAMINATION - UNK SOURCE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
11/08/01: MF T/C/KIM NASH, HAV ASSOCIATES. THEY ARE OWNERS OF THE PROPERTY. PROPERTY WAS A PARKING LOT & THEY ARE BUILDING A RESIDENTAL BUILDING IN ITS PLACE. WHILE LIFTING A CONCRETE SLAB IN THE LOT OIL WAS FOUND UNDER THE SLAB ATOP BEDROCK. THEY WILL CALL ENV CO THAT DID THE PHASE 1 TO TAKE CARE OF THE PROBLEM. SHE WILL CALL FOR AN INSPECTION WHEN REMEDIATION IS COMPLEATED. OIL IS FROM AN UNKNOWN SOURCE. 1630 SITE INSPECTION, NO ONE ON SITE. SITE IS AN EMPTY LOT & THERE IS PLYWOOD AROUND THE OUTSIDE PERIMETER. I NOTICED 4 REMOVED USTS, THEY APPEAR TO BE 3-4K'S & 1-2K. THERE ARE ALSO 10 DRUMS ON SITE. THE TANK APPARENTLY CAN OUT OF AN EXCAVATION APPX 12' DEEP ON SITE. I DID NOT NOTICE BEDROCK. 1 LOT TO THE EAST BEDROCK IS 2' FROM THE SURFACE, RAIL ROAD CUT.

Map Identification Number 182 **BMW OF MANHATTAN** **Spill Number: 9707789** **Close Date: 02/25/2003**
547 W 47TH ST MANHATTAN, NY TT-Id: 520A-0093-810

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1317 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ROBERT PORTEESE MGR - BMW OF MANHATTAN	Spiller Phone:	(212) 586-2269
Notifier Type:	Other	Notifier Name:	QUAKER STATE CORP	Notifier Phone:	(972) 862-0467
Caller Name:	NANCY MURPHY	Caller Agency:	SPILL CTR INC	Caller Phone:	(508) 897-6461
DEC Investigator:	TOMASELLO	Contact for more spill info:	ROBERT PORTEESE MGR	Contact Person Phone:	(212) 586-2269

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/01/1997		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSMISSION FLUID	PETROLEUM	275.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

AFTER TAKING REPORT CALLER INFORMED #369 SHE ALREADY HAS A SPILL NO 9707785-THIS IS A DUPLICATE

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 183 **MANHOLE 43319** **Spill Number: 9901666** **Close Date: 01/29/2004**
W 48TH ST & 10TH AV MANHATTAN, NY TT-Id: 520A-0093-816

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1319 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: W 48TH ST / 10TH AV
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR RUSSO	Notifier Phone:	(212) 338-3352
Caller Name:	JOE DEVOTI	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/13/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 gal unk material found on 100 gallons of water containe din manhole - clean up pending lab results - con ed ref # 124845

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
CON ED E2MIS NOTES

Found approx. 1 gal of unknown liquid mixed with approx. 150 gals. of water in MH-43319. Spill contained, did not affect sewers

or waterways; sample taken and tag#18193 installed; cleanup pending test results, will be tested for PCB and ID.

There is a PILC cable in this MH.

5-13-99 9:05

Lab seq# 99-04965 Aroclor 1254 <1.00ppm

5-14-99 Cleanup complete in MH 43319. Removed 250 gals. oil/water to <50 tanker. Generated 1 drum ppe. Used flush truck to clean & rinse structure.

Map Identification Number 184 **MANHOLE #43319** **Spill Number: 0008960** **Close Date: 04/11/2001**
W48TH ST & 10TH AV MANHATTAN, NY TT-Id: 520A-0093-817

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1319 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: W 48TH ST / 10TH AV
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	ME MCCUTCHIN	Notifier Phone:	
Caller Name:	CHARLIE MCCARTHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	OKWUOHA	Contact for more spill info:	CHARLIE MCCARTHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/02/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 PTS ON 50 GALS OF WATER - SAMPLE TAKEN - CLEAN UP PENDING LAB RESULTS

CON ED #134221

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

DEC INSPECTOR'S NOTES

CON ED E2MIS REPORT 11-02-00

2pts. of unknown oil floating on top of aprox. 50 gals. of water. No smoke or fire, no visual movement. Conduit Plate #28-D-3 shows a sewer connection to M43319. Cause unknown, took 2 samples, cleanup pending sample results.

11-03-00
Aroclor 1254 16ppm in MH43319

Analysis indicates the sample is similar to lubricating fluid.
Cleanup: Washed and cleaned floor, sump and cable with slix.
Spill source: Open cable ends
Equipment involed: 3-1C cable
Leak Abatement Proc: Sealed ends with caps.

Map Identification Number 185 **MANHOLE 43319** **Spill Number: 0006718** **Close Date: 01/22/2001**
W 48TH ST & 10TH AVE MANHATTAN, NY TT-Id: 520A-0093-815

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1319 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: W 48TH ST / 10TH AV
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	BILL MURPHY	Notifier Phone:	(212) 580-6763
Caller Name:	BILL MURPHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	OKWUOHA	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/06/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	6.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

6 GALS UNK OIL ON 100 GALS WATER

CON ED 133240

CLEANUP PENDING SAMPLES TAKEN FOR ID AND PCB

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

30 gallons of unknown oil on 500 gallons of water in manhole. Clean up was done as 50 - 499 ppm. Ron Cosentino reports it could be a possible third party spill. Lab results indicated 106 ppm. No Con Ed leaking equipment was found.

Map Identification Number 186 **ON ROADWAY** **Spill Number: 0406004** **Close Date: 09/03/2004**
WEST 57TH/10TH AVE NEW YORK, NY TT-Id: 520A-0101-563

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1329 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: W 57TH ST / TENTH AVE
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	SHAWN DONOHUE	Notifier Phone:	(212) 689-1520
Caller Name:	SHAWN DONOHUE	Caller Agency:	NYC DEP	Caller Phone:	(212) 689-1520
DEC Investigator:	SMSANGES	Contact for more spill info:	MS. WALKER	Contact Person Phone:	(718) 927-7777

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/01/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

a large spill in the west bound bus stop:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 187 **PARKING GARAGE** **Spill Number: 0202865** **Close Date: 08/15/2002**
545 WEST 47TH ST NEW YORK, NY TT-Id: 520A-0093-803

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1350 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	ROMEO SANTOS	Notifier Phone:	(718) 857-1800
Caller Name:	ROMEO SANTOS	Caller Agency:	D C ENVIRONMENTAL SERVICE	Caller Phone:	(718) 857-1800
DEC Investigator:	SMSANGES	Contact for more spill info:	ROMEO SANTOS	Contact Person Phone:	(718) 857-1800

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/18/2002		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ABANDONED 3 500 GALLON TANKS ARE FILLED WITH WATER CAUSING SOIL CONTAMINATION. REMEDIATION IN PROGRESS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
6/18/2002 - Sangesland received this spill report and could not make contact with anyone at the site by telephone. A check of PBS records indicated that no tanks had been registered.

Sangesland went to the site. It appears there are 3 tanks in the floor of this one story parking garage building. The top 1 ft of asphalt & soil was removed showing the top of the tanks. There was a strong smell of petroleum which required a large standing fan to vent the room.

Sangesland was able to speak via phone with Romeo Santos (contractor). Mr. Santos stated that the tanks were still partially filled with a water/petroleum mixture and that Petroleum Tank Cleaners was scheduled to pump them out later this day (6/18/2002). Mr. Santos also stated that he expected to pull the tanks within the next day or two.

Sangesland stated that no excavation work could be done on the site until the proper PBS forms had been filed.

Once the forms were filed, the tanks could then be removed, and proper endpoint samples would be required to prove the site was clean.

6/19/2002 Mr. Santos hand delivered the PBS forms to the DEC office.

6/27/2002 Mr. Santos called DEC Sangesland to request permission to back fill the hole. He had test results from 5 soil endpoint samples (all non-detect). Sangesland said if they were non-detect then the hole could be back filled.

Mr. Santos was told to submit a closure report which will include the endpoint samples, photographs, waste manifests etc.

8/15/2002 Sangesland reviewed a UST Closure Report submitted by Don Carlo Environmental Services Inc. (718-857-1800).

* UST tanks were excavated and impacted soil was removed.
* Manifests were provided.
* End point samples were taken from each side wall and from the

  bottom of the excavation.
* Soil tested for Method 8021- result was all NonDetect.

Based on this report - Spill Closed

Map Identification Number 188 **SORRENTINO RESIDENCE** **Spill Number: 0209314** **Close Date: 03/03/2003**
449 W 48TH ST MANHATTAN, NY TT-Id: 520A-0093-800

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1352 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	TANK TRUCK	Spiller:	ROBERT TORRES - PACIFIC PETROLIUM	Spiller Phone:	(718) 647-1400
Notifier Type:	Local Agency	Notifier Name:	ANN MORALES	Notifier Phone:	(718) 595-6777
Caller Name:	ANN MORALES	Caller Agency:	DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	JBVOUGHT	Contact for more spill info:	ROBERT	Contact Person Phone:	(212) 315-5102

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/04/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

truck spilled oil when they were delivering it

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
03/03/03-close spill- all cleaned up.

Map Identification Number 189 **PIER 90 &WEST 50TH ST/MAN** **Spill Number: 9000213** **Close Date: 11/06/2001**
PIER 90 / WEST 50TH ST NEW YORK CITY, NY TT-Id: 520A-0093-895

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1355 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: PIER 90
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:	OEM-NYC	Caller Phone:	(212) 374-5500
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/06/1990	11/06/2001	UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SURFACE WATER

Caller Remarks:

USCG NOTIFIED,SHEEN SPOTTED IN WATER, OEM RESPONDING.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

11/06/01: MF SURFACE WATER SPILL, HUTSON RIVER, ALSO SEE SPILL 9000200. NO FURTHER SPILL INFO IN FILE. DEAD ISSUE, NO FURTHER ACTION POSSIBLE*********COMPUTER FILE**********

Map Identification Number 190 **PIER 90 & WEST 50TH ST** **Spill Number: 9000200** **Close Date: 11/06/2001**
PIER 90 / WEST 50TH ST NEW YORK CITY, NY TT-Id: 520A-0093-896

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1355 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: PIER 90
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:		Notifier Phone:	
Caller Name:	P O HANGER	Caller Agency:	USCG	Caller Phone:	(212) 668-7920
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/06/1990	11/06/2001	UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SURFACE WATER

Caller Remarks:

REFER TO SP# 9000213.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

11/06/01: MF-R9 SPILL TO HUTSON RIVER. OUT OF SYSTEM BY NOW. NO FURTHER SPILL INFO. SEE SPILL 9000213. DEAD ISSUE. NO FURTHER ACTION POSSIBLE.**********COMPUTER FILE ONLY********

Map Identification Number 191 **PIER 90 - BERTH #3** **Spill Number: 8804558** **Close Date: 08/24/1988**
W49 @ 12 AV,NORDIC PRINCE NYC, NY TT-Id: 520A-0093-891

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1355 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: PIER 90
Revised zip code: NO CHANGE

Source of Spill: VESSEL
Notifier Type: Citizen
Caller Name: P O MILLER
DEC Investigator: RWAUSTIN
Spiller: EXXON TANK BARGE #31
Notifier Name:
Caller Agency: USCG
Contact for more spill info:
Spiller Phone: (212) 456-0363
Notifier Phone:
Caller Phone: (212) 668-7920
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/24/1988	08/24/1988	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

EXXON TRANSFERRING OIL TO SHIP WHEN SOMETHING WENT WRONG. CG ON SCENEAWAITING DEC. DEC STAFF TIED UP W/OTHER WORK. MINOR SPILL, MINOR SPILL, CG WILL HANDLE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
10/10/95: This is additional information about material spilled from the translation of the old spill file: BLACK FUEL OIL.

Map Identification Number 192 **PIER 90** **Spill Number: 8603847** **Close Date: 09/12/1986**
PIER 90 MANHATTAN, NY TT-Id: 520A-0093-890

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1355 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: VESSEL | Spiller: Q.E. 2 | Spiller Phone:
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: RWAUSTIN | Contact for more spill info: | Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/12/1986	09/12/1986	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER
NONENE	OTHER	0	UNKNOWN	0	UNKNOWN	SURFACE WATER

Caller Remarks:

SPILL OCCURED WHILE REFUELING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"

Map Identification Number 193 **NORWEIGEN DAWN** **Spill Number: 0307842** **Close Date: 10/27/2003**
BERTH 90 PASS SHIP TERM MANHATTAN, NY TT-Id: 520A-0093-899

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1355 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: BERTH 90 PASS
Revised zip code: 10019

Source of Spill: VESSEL | Spiller: UNK | Spiller Phone:
Notifier Type: Federal Government | Notifier Name: NRC | Notifier Phone: (800) 424-8802
Caller Name: MARK GALLOW | Caller Agency: EPA | Caller Phone: (732) 262-8956
DEC Investigator: TJDEMEO | Contact for more spill info: | Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/24/2003		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

bomb threat recieved today at the cruise ship headquarters in miami - annonymous caller - states that subj will walk onto the

ship this weekend (due to arrive 0900 on 10/26) and detonate an

explosive device - 2nd call recieved stating the same thing -

fbi, coast guard - homeland security notifed also

cell phone for all 908-420-1765

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"

Map Identification Number 194 **PIER 90** **Spill Number: 0106904** **Close Date: 10/03/2001**
WEST SIDE HIGHWAY MANHATTAN, NY TT-Id: 520A-0093-898

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1355 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	P & O PORTS	Spiller Phone:	
Notifier Type:	DEC	Notifier Name:	MARK SPENCER	Notifier Phone:	(646) 756-3134
Caller Name:	MARK SPENCER	Caller Agency:	ENCON	Caller Phone:	(646) 756-3134
DEC Investigator:	TJDEMEO	Contact for more spill info:	MARK SPENCER	Contact Person Phone:	(646) 756-3134

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/02/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	20.00	GALLONS	20.00	GALLONS	SURFACE WATER

Caller Remarks:

contained and cleaned up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
10/3/01 TJD

20 gallon spill from portable generator. All cleaned.

Map Identification Number 195 **NYC PIER 90** **Spill Number: 0012742** **Close Date: 11/17/2003**
52ND ST & HUDSON RIVER MANHATTAN, NY TT-Id: 520A-0093-897

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1355 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 52ND ST / TWELFTH AVE
Revised zip code: 10019

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	NYC PIER 90	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	TOM LARISON	Notifier Phone:	(914) 633-9324
Caller Name:	TOM LARISON	Caller Agency:	IT CORP	Caller Phone:	(914) 633-9324
DEC Investigator:	TJDEMEO	Contact for more spill info:		Contact Person Phone:	

Category:	Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class:	Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/28/2001		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DURING BORING THE FOUND PETROLEUM CONTAMINATION - OIL IDENTIFIED AT 9 1/2 FEET - ITS PART OF A NYC PROJECT - AT THIS POINT THE SPILL IS UNDER INVESTIGATION & SAMPLE WENT TO LABORATORY FOR CONFIRMATION

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
11/17/03 TJD

Tanks closed in place. Endpoint samples reveal no TAGM exceedances. No further action required. Spill closed.

Map Identification Number 196 **49TH ST & 12TH AVE/MANH** **Spill Number: 9000081** **Close Date: 04/04/1990**
49TH ST & 12TH AVE NEW YORK CITY, NY TT-Id: 520A-0092-848

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1364 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: W 49TH ST / 12TH AV
Revised zip code: 10019

Source of Spill: UNKNOWN
Notifier Type: Citizen
Caller Name: P O OTIS HARRIS
DEC Investigator: WILSON
Spiller: UNKNOWN
Notifier Name:
Caller Agency: USCG
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (212) 668-7920
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/04/1990	04/04/1990	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

USCG INVESTIGATED, SMALL AMOUNT OF OIL, SPILL DISSIPATED, NO ACTION REQUIRED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 197 **W 50TH-52ND ST/PIER 92** **Spill Number: 8910243** **Close Date: 11/15/1994**
W 50TH -52ND ST/PIER 92 NEW YORK CITY, NY TT-Id: 520A-0093-900

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1379 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: PIER 92
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:	SEMAN EASTON	Caller Agency:	USCG	Caller Phone:	(212) 668-7920
DEC Investigator:	SIGONA	Contact for more spill info:		Contact Person Phone:	

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/25/1990	11/15/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

SOME UNKNOWN PETROLEUM IN WATER, USCG TO INVESTIGATE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 198 **BERMUDA STAR** **Spill Number: 8804451** **Close Date: 08/21/1988**
PIER 92, W52 ST @ 12 AV NYC, NY TT-Id: 520A-0093-902

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1379 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: PIER 92
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN | Spiller: SAME | Spiller Phone:
Notifier Type: Citizen | Notifier Name: | Notifier Phone:
Caller Name: P O GAGGI | Caller Agency: USCG | Caller Phone: (212) 668-7936
DEC Investigator: SIGONA | Contact for more spill info: | Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/20/1988	08/21/1988	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

USCG RESPONDING. DEC(SIGONA) RESPONDED, FOUND 100'* 100' AREA AFFECT-ED. SPILL FROM A BUNKER TRANSFER BY EKLOF, HE SUPERVISED CLEAN-UP W/USCG.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 199 **UNK OIL OFF PIER 92 IN HU** **Spill Number: 8605430** **Close Date: 11/26/1986**
PIER 92 NEW YORK CITY, NY TT-Id: 520A-0093-901

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1379 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN | Spiller: UNK. | Spiller Phone:
Notifier Type: Citizen | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: UNASSIGNED | Contact for more spill info: | Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/26/1986	11/26/1986	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

USCG WILL INVESTIGAT THE SHEEN

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 200 **FORMER MOBIL S/S #17-511** **Spill Number: 0403370** **Close Date: 09/20/2005**
842 11TH AVENUE NEW YORK, NY TT-Id: 520A-0098-944

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1381 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	FRANK MESSINA - EXXON MOBIL CORP		Spiller Phone: (908) 730-2055
Notifier Type:	Other	Notifier Name:	DAN CANAVAN		Notifier Phone: (631) 218-0612
Caller Name:	DAN CANAVAN	Caller Agency:	GEOLOGIC SERVICES CORP		Caller Phone: (631) 218-0612
DEC Investigator:	DKHARRIN	Contact for more spill info:	FRANK MESSINA		Contact Person Phone: (908) 730-2055

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/29/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

RELATED TO DEC SPILL #90-09804 -> DAVE HARRINGTON FROM DEC - CENTRAL OFFICE IS CASE MANAGER. GSC TO CONDUCT VACUUM EVENTS TO REMOVE THE PRODUCT.

DEC Investigator Remarks:

Case being handled under spill no. 90-09804.

Map Identification Number 201 **MANHATTAN WEST 04, 04A, 07 DOS -DDC** **Spill Number: 9812850** **Close Date: 10/31/2003**
650 WEST 57TH STREET MANHATTAN, NY TT-Id: 520A-0098-957

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1407 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	NYC DEPT OF SANITATION	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	KEVIN MURPHY	Notifier Phone:	(516) 249-3150
Caller Name:	KEVIN MURPHY	Caller Agency:	TYREE ENVIRONMENTAL	Caller Phone:	(516) 249-3150 ext. 2
DEC Investigator:	JMKRIMGO	Contact for more spill info:	ANTHONY PETITO	Contact Person Phone:	(212) 265-3754

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/19/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ELEVATED PID READINGS - PERFORMING BORINGS UNDER CONCRETE FLOOR. Same as spill #s 9709660 and 9403727.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
2 BORINGS GEOPROBE ZEBM HAD PRODUCT SAT SOIL FROM INTER FUEL.

Map Identification Number 202 **MANHATTAN WEST 04 DOS-DDC** **Spill Number: 0508045** **Close Date: 01/12/2006**
650 WEST 57TH STREET MANHATTAN, NY TT-Id: 520A-0098-945

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1407 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERT DESK - EXCAVATION	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	PETER MCGUIRE	Notifier Phone:	(212) 580-6763
Caller Name:	PETER MCGUIRE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	ADZHITOM	Contact for more spill info:	ERT DESK‘	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/30/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WHILE DIGGING CAME ACCROSS A HOLE WITH SOME GAS ODORS NO SHOWN VISIBLE: CONED # 161308: NO TO 5 QUESTIONS: SAMPLES WERE TAKEN:

DEC Investigator Remarks:

Con Ed was on site digging and found gasoline contaminated soil.
Cross Ref Spill #9403727 relating to NYC Sanitation site at 650 West 57th St.

10/05/05 I notified LiRo (S. Frank) about the spill.AZ

ConEd says via e2mis report # 161308 of 9/30:

THIRD PARTY SPILL FOUND ON NON CON EDISON COMPANY PROPERTY. LOCATION F/O # 650 W.57 ST E/O 12 AVE .N.Y.N.Y. TIME:04:40 A.M.
FELIX ASSOCIATES CONTRACTORS WORKING FOR CON EDISON WAS EXCAVATING AND FOUND A STRONG ODOR OF GASOLINE IN THE EXCAVATION. ALL WORK IS STOPPED AND EXCAVATION IS BARRICADED. NO FIRE, NO SMOKE, NO INJURIES, NO IMPACT TO PRIVATE PROPERTY, NO SEWERS, NO WATERWAYS. M.CAMPANELLI #13447-09/30/2005

THIRD PARTY SPILL. OPERATION REVIEW :09/30?2005--06:45 A.M. SPOKE WITH SUPERVISOR TIM LANGAN ABOUT THIS TASK,AND FOUND

SITUATION AS STATED ABOVE.TIM CALLED CHEM-LAB AND SET UP THE APPOINTMENT FOR SOIL TESTING. CHEM-LAB WILL BE ON LOCATIO ON SATURDAY MORNING 10/1/2005 TO TAKE SOIL SAMPLES. THE SITUATION WILL BE ADDRESSED WHEN THE RESULTS COME BACK. THE JOB IS NOW IDLE AND PENDIND SAMPLE RESULTS. GARY SOSO 52484-09/30/2005

THIRD PARTY SPILL UPDATE. Operational update Oct 4th 2005 1:20 p.m. Reported the spill to CIG, Mr.Mc quire and ERT Mr. Duke, because I was under the impression that the third party spill was not reported to CIG. Informed them of third party spill as indicated on 9/30/2005.

Interviewed Troubleshooter dispatcher Micheal Campanelli and he informed me that he did report the third party spill to CiG on 9/30/2005 at 5:15 a.m. Chem-Lab results received oil identification-analysis indicates the presence of a substance similar to a light fuel oil
received PCB-analysis by EPA 608/8082.
aroclor 1242-< 1.0 ppm
aroclor 1254 < 1.0 ppm
aroclor 1248 < 1.0 ppm
aroclor 1260 < 1.0 ppm
I Spoke to trouble dispatcher Micheal Campanelli and he informed me that he did report the spill to CIG Mr Mark Schlagel when this report was filed at 05:15 A.M. on September the 30th
Gary Soso 52484. Above entered by Geo Breen.

Map Identification Number 203 **W. 56TH ST 12TH AVENUE** **Spill Number: 9400462** **Close Date: 08/11/1994**
W. 56TH ST. 12TH AVENUE NEW YORK, NY TT-Id: 520A-0092-876

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1408 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: W 56TH ST / 12TH AVE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:	SAGAR	Caller Agency:	DEP	Caller Phone:	(718) 595-4738
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/11/1994	08/11/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

KOON TANG GOING OUT?-OIL FROM SUNAP PUMP OF BLDG ON W. 56TH ST, BORDER RUTHERFORD.-NYC DEP IWCS HANDLED-NO RECOVERABLE OIL ON RIVER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
10/10/95: This is additional information about material spilled from the translation of the old spill file: OIL SLICK.

Map Identification Number 204 **610-630 W. 48TH STREET** **Spill Number: 9405727** **Close Date: 02/13/2003**
624 WEST 48TH STREET MANHATTAN, NY TT-Id: 520A-0092-076

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1421 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: LESA KELLY
DEC Investigator: TOMASELLO
Spiller: 630 W. 48TH STREET
Notifier Name:
Caller Agency: LEXICON ENVIRONMENT
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (215) 344-3380
Contact Person Phone:

Category: Investigation indicates there was no spill.
Class: Any Type of RP, Including No RP - DEC Field Response - Corrective Action Not Required or Not Possible

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/26/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

DISOCVERED SOIL IN EXCAVATION OF OLD TANKS- TO REPLACE WITH NEW TANKS

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 205 **624 WEST 48TH STREET** **Spill Number: 9314832** **Close Date: 08/06/1996**
624 WEST 48TH STREET MANHATTAN, NY TT-Id: 520A-0092-047

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1421 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	DAVE PERCEY	Caller Agency:	LEXICO ENVIROM.	Caller Phone:	(215) 344-3380
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/18/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

TANK WILL BE REMOVED & NEW TANKS INSTALL (MARK TIBBE).

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
10/10/95: This is additional information about material spilled from the translation of the old spill file: SOIL BORE HOLES.

Map Identification Number 206 **PIER 94** **Spill Number: 8806214** **Close Date: 10/25/1988**
W 54 ST @ 12 AV NYC, NY TT-Id: 520A-0093-925

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1422 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: PIER 94
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: NORTH RIVER CONSOLIDATORS
Spiller Phone: (212) 399-4244
Notifier Type: Federal Government
Notifier Name:
Notifier Phone:
Caller Name: JIM DALOIA
Caller Agency: US EPA
Caller Phone: (201) 548-8730
DEC Investigator: RWAUSTIN
Contact for more spill info:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/24/1988	10/25/1988	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

SMALL LEAK IN DRUM ON PIER. CLEANUP CNTRCTR(MARINE POLLUTION CONTROL)CALLED IN. MINOR SPILL-NO ACTION TAKEN-REPORTED TO USCG.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
10/10/95: This is additional information about material spilled from the translation of the old spill file: PARACREOSOTE(DRUM).

Map Identification Number 207 **PIER 94** **Spill Number: 0711088** **Close Date: 01/22/2008**
12TH AVE. / WEST 56TH MANHATTHAN, NY TT-Id: 520A-0212-712

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1422 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 12TH AVE / W 56TH ST
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKOWN	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	rvketani	Contact for more spill info:	DIVISION 3	Contact Person Phone:	(212) 570-4220

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/20/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

Fire on pier. Generator caught on fire, 1-3 gallons spilled into Hudson. Generator was on a barge docked at the pier.

DEC Investigator Remarks:

1/22/08 - Raphael Ketani. I spoke to Lt. Rigally. He said that Deputy Chief Sudnick was assigned to Division 3. He said he spoke to the Ninth Battalion. There was a 1 gal. diesel spill. By the time they had arrived, the oil had dissipated.

Based upon the small size of the spill, I am closing the case.

Map Identification Number 208 **PIER 94** **Spill Number: 0604758** **Close Date: 09/29/2006**
755 12TH AVE
NEAR WEST 55TH ST
MANHATTAN, NY
TT-Id: 520A-0099-932

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1422 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	LARRY - PIER 94	Spiller Phone:	(914) 403-5670
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	SFRAHMAN	Contact for more spill info:	PROPERTY MGR.- LARRY	Contact Person Phone:	(212) 399-4247

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/27/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

OVERFILLED THE TANKS, HARD TO TELL IF WATER IS EFFECTED, DELIVERIES ARE BY BARGE: STILL INVESTIGATING
MARK CELL# 917-559-5519

DEC Investigator Remarks:

7/28/2006 Sangesland spoke to Mark at PTC. He said there was an oil spill of unknown size into a vault area around a buried tank. Sangesland spoke to "Larry" who is the property manager of "Pier 94". He says the vault is way out on the end of the pier close to the water. The vault is a heavy cement structure that is so thick there is "no way it could leak" out into the river. The oil apparently leaked from a fill port into the vault during an overfill of the tank. Larry says there was no more than 1 or 2 gallons of oil floating on top of some water in the bottom of the vault.
US Tanks(Keith-917-669-1093) has been hired to vac & clean the vault area out.
09/28/06 Rahman- I spoke with Larry, who indicated that the spill was minor)one gallon) and it was cleaned up. He would send DEC the fact sheet shortly.
09/29/06 Rahman- USA environmental was retained to clean up the oil spill and remove all oil contaminated liquid at 755 12th Avenue.Tanks were overfilled by amount of five gallons and oil stood on top of a half inch of water.USA Environmental removed approx 50 gallons of oil water mix from the floor. No excavation was needed.NFA required.

Map Identification Number 209 **PIER 94** **Spill Number: 0003013** **Close Date: 06/14/2000**
755 W12TH AV MANHATTAN, NY TT-Id: 520A-0093-926

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1422 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 755 TWELFTH AV
Revised zip code: 10019

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	JOHN HILLER	Notifier Phone:	(646) 557-7362
Caller Name:	PO HACKETT	Caller Agency:	US COAST GUARD	Caller Phone:	(718) 354-4121
DEC Investigator:	MXTIPPLE	Contact for more spill info:	MIKE PERRILLI	Contact Person Phone:	(973) 390-4851

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/10/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PROPYLENE GLYCOL	OTHER	50.00	GALLONS	50.00	GALLONS	SURFACE WATER

Caller Remarks:

VALVE ON AC UNIT WAS OPENED, SPILL CLEAENED UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
SPILL CLEANED BY RESPONSIBLE PARTY

Map Identification Number 210 **VAULT 9263** **Spill Number: 0301050** **Close Date: 02/10/2004**
831 9TH AVE MANHATTAN, NY TT-Id: 520A-0091-420

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1437 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	SAME - UNKNOWN FOR NOW	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	SAME	Notifier Phone:	
Caller Name:	LARRY COSTA	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:	LARRY COSTA	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/29/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	PETROLEUM	255.00	GALLONS	0.00	GALLONS	SOIL
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
OTHER PETROLEUM	UNKNOWN	255.00	GALLONS	0.00	GALLONS	

Caller Remarks:

THEY HAVE 255 GALLONS OF A UNKNOWN TYPE OIL IN THIER VAULT

NO SEWERS NO WATERWAYS NO SMOKE OR FIRE OR PRIVATE PROPERTY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS 148125

4-29-03 @ 15:00

W teller #16086 reports that while doing maintenance work in v9263 he discovered 255 gallons of an unknown oil on the concrete floor in the structure. No visual evidence of leaking or dripping from the transformer at this time. Sewer connection not verified. Sump is concrete. Samples are being taken at this time.

Update 4-29-03 @ 16:47

EPA # nyp 004 110 490 was issued by ERT S Mahoney. An over 50 tanker has been ordered and en-route to the location. Cleanup to start asap.

4-29-03 @ 18:05

D Richards #88492 reports that there is in fact water mixed with the oil spill, (possibly 20 percent water). Cleanup is in progress at this time. He also reports that the sump pump piping is rotted and that there is aprox. a 6 inch seperation in the pipe . The part of the pipe that exits the structure was inspected and there is no evidence of oil in the pipe.

D Richards # 88492 reported to N Muldoon # 18723 that at 19:22 hrs the partial cleanup was complete with 25 gallons of oil and 200 gallons of water was removed from the vault. There was no solids removed. Final cleanup pending removal of transformer.

Update 4-29-03 @ 23:53

Lab Sequence Number: 03-03508-001

Analysis indicates the presence of a substance similar to a dielectric fluid

Lab Sequence #03-03507-001

Total PCB <1 ppm

5/12/03 cleanup was 100 % complete . The structure was double washed with slix and all liquid and solids were removed by the vactor truck. Spill tag # 18002 was also removed. Supervisor V. Mirance reported that the transformer had been replaced on 5/12/2003.

Map Identification Number 211 **BUILDING** **Spill Number: 0508375** **Close Date: 04/24/2007**
607-611 WEST 47TH ST MANHATTAN, NY TT-Id: 520A-0093-843

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1453 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	JEROME KUNG - BUILDING	Spiller Phone:	(646) 483-6554
Notifier Type:	Other	Notifier Name:	ANTHONY VANATTA	Notifier Phone:	(516) 671-8440
Caller Name:	ANTHONY VANATTA	Caller Agency:	GANENETT FLEMING	Caller Phone:	(516) 671-8440
DEC Investigator:	rvketani	Contact for more spill info:	JEROME KUNG	Contact Person Phone:	(646) 483-6554

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/13/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

soil sampling is being done. vac truck is en route, active leak.

DEC Investigator Remarks:

10/13/05-Vought-See also spill #'s:0506652, 0506800, 0507015 for onsite spills. Vought spoke to Joel Rogers (gannett Flemming 516-671-8440) and source of spill is possibly adjacent site. Free product entering at corner of excavation. Oil coming coming out of wall from adjacent mechanics building. Vought will perform site visit on 10/14/05 at 3:30pm and will meet with Jessica Ferngrem (516-669-1504). Rogers will be out of country.

10/14/05-Vought-Site visit by Vought. Onsite was Jessica Ferngrem(Gannett Fleming) and Jerome Kung (Verizon). Also on site were owners of 605 West 47th Street (Felix Guralnik). Free product coming from under 605 West 47th Street and flowing into groundwater in excavcation of adjacent Verizon site. Site visit to 605 West 47th street showed waste oil tanks in very poor condition and numerous puddles of waste oil on garage floor. According to Felix, he has had numerous problems with first floor tenant and operator of waste oil tanks. DEC requires: 1)removal of all debris and emptying of waste oil tanks 2)performance of soil boring under waste oil tank location. Vought will sent out soil contamination letter to Felix with above requirements.
NOTE THAT BUILDING OWNERS (FELIX AND ALEX) ARE COMPLIANT WITH DEC REQUIREMENTS BUT SPILLER IS TENANT OF FIRST FLOOR (MR. AZHAR IQBAL). AS SUCH VIOLATIONS SHOULD BE WRITTEN TO OCCUPANTS OF FIRST FLOOR.

11/2/05-Vought-Received call from ECO Jordan. Two volations were written by ECO's (failure to register PBS and failure to investigate.

05/17/06-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin.

6/22/06 - Raphael Ketani. I tried to call Jessica Ferngrem [cell (516) 669-1504] (516)671-8440, but could only leave a message.

Ms. Ferngrem called back to say that everything has been cleaned up at her property 617-623 West 47 Street. She said she will submit a cleanup report very soon. She said that the property the oil came from was 605 West 47 Street.

I called up Jerome Kung (646) 483-6554, owner of 607-611 West 47 Street. He said they are in the process of trying to sell the property. He said that when it is sold, either he or the new owners will tear down the building and remove the contamination which is under a ramp. The ramp prevents the contaminated soil from being removed. Mr. Kung said that a woman under Joe Sun of DER Section B is in charge of the project for his property.

I talked to Mr. Sun and he said Sarah Andersen may be the person he is referring to.

6/23/06 - Raphael Ketani. I spoke to Ms. Andersen and she told me to keep my oil spill case open and to keep it in my name just for the sake of the spill.

7/28/06 - Raphael Ketani. I spoke to Ms. Ferngrem regarding the report. She said that Verizon and her are still working on it and that I should get it in August. I asked about any oil seepage from 605 West 47 Street. She said that they put up a barrier against the building. So there is no more oil seepage.

8/14/06 - Raphael Ketani. I talked to Jerome Kung about the spill. He said his consultant, Ms. Ferngrem, will send me the report soon for the cleanup of the oil that entered the property from 605 West 47 Street.

8/30/06 - Raphael Ketani. I contacted Mr. Kung (646) 483-6554 regarding the cleanup report. He thought that Ms. Ferngrem had sent it. I told him that I had nothing. He said that he will call her and have her send me the report.

9/18/06 - Raphael Ketani. I received the closure and tank removal report for 617-623 West 47 Street (#0506652; part of the block of properties held by the owners of 610-630 W. 48 St.) from Ms. Ferngrem. I reviewed it and found it acceptable. There were very high concentrations of SVOCs listed. When I spoke to Ms. Ferngrem about this, she said she was aware of the concentrations, but the soil looked clean and no one had any idea why the concentrations were so high. She said that the soil was removed as part of the entire remediation project.

11/10/06 - Raphael Ketani. I spoke to Mr. Kung. He said the property still hasn't been demolished.

The only issue with this case is removal of the contamination from under the ramp. This can't be done without demolishing the building.

4/5/07 - Raphael Ketani. I spoke to Mr. Kung about his property, 607-611 W. 47 Street. He said that the entire building on that site was torn down some time ago. He said that the soil was dug out down to 23 feet and so the contamination is gone. He added that a new building is now standing on the entire site and the adjacent properties. Mr. Kung said that he will send me the manifests for all of the soil that was removed. I told him that would be fine.

4/24/07 - Raphael Ketani. Mr. Kung never sent the manifests. So I made a site visit. The site now contains the Verizon truck garage. It occupies the entire site, 607-611 W. 47 St. and 617-623 W. 48 St. (associated closed spill case #0506652). I took one picture.

Based upon my conversation with Mr. Kung on 4/5/07, the closed spill case #0506652 for the neighboring property and the site visit I made today, I am closing the spill case.

4/30/07 - Raphael Ketani. Jessica Fergren of Gannett Fleming (516) 671-8440 left a message stating that she will send the soil manifests for the site.

Map Identification Number 212 **IFO 624 W48TH ST** **Spill Number: 0106958** **Close Date: 12/28/2001**
SERVICE BOX 9224 MANHATTAN, NY TT-Id: 520A-0093-806

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1461 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: IFO 624 W 48TH ST
Revised zip code: 10036

Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone:
Notifier Type: Affected Persons | Notifier Name: BOOMER | Notifier Phone: (212) 580-6763
Caller Name: SEAN MCKEEVER | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763
DEC Investigator: AERODRIG | Contact for more spill info: CALLER | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/04/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

15 GALLONS ON 10 GALLONS OF WATER. CON ED# 139682.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
e2mis notes:

Discovered 15 gallons unknown oil with 10 gallons water on concrete floor of SB 9224. No oil filled equipment in structure.

10/5/01: PCB results 2 ppm, TPH 190 ppm.

10/17/01: When the underground crew arrived to clean the service box, they found approx 2 inches of water with a sheen, not 15 gallons as was originally reported. Crew double washed the service box. Clean up completed at 1205 hrs.

Map Identification Number 213 **MAN HOLE 60298** **Spill Number: 0004189** **Close Date: 10/17/2001**
W47TH ST/11TH AV MANHATTAN, NY TT-Id: 520A-0093-813

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1472 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: W 47TH ST / 11TH AV
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	PELLAGRINO	Notifier Phone:	
Caller Name:	BILL MURPHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/07/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ON 200 GALLONS OF WATER. CLEAN UP PENDING. CON ED#132239

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis Notes:

7/7/00 Found less than 1qt unknown oil on 200gal water in manhole. There is just cable in hole-no other equipment. There was no sump pump running. No sewer connection as per conduit plate. Sample returned <1ppm PCB. A sewer connection was found. Cleanup was completed by double washing with slix.

Map Identification Number 214 **MANHOLE #39973** **Spill Number: 9914367** **Close Date: 11/16/2004**
W 53RD ST & 9TH AVE MANHATTAN, NY TT-Id: 520A-0090-189

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1499 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: W 53RD ST / 9TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MIKE CROWE	Notifier Phone:	(212) 580-6763
Caller Name:	TONY LOPEZ	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	TONY LOPEZ	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/21/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CLAEN UP PENDING TEST RESULTS REF #130481

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

e2mis no. 130481:

03/21/00 0932 hrs William Diaz #19019 fod field operator reports 2 gallons of oil unknown type in manhole #39974 sec w53rd st & 9th ave.One hundred gallons of water mixed with oil. No visual movement,no smoke or fire. Found while locating fault on feeder 21m22 William Diaz #19019 taken sample for pcb. Hung sign #17924. Cleanup pending test results. Records show no sewer connections

03/22/00 03:37 HRS
LAB SEQ # 00-02644
AROCLOR # 1254 PCB COUNT <1.00 PPM

3-23-00 Operating supervisor R. valenzuela # 92468 reports clean up complete in MH - 339974
S/E/C W. 53 St & 9th Ave on 3-23-00 @ 05:30 hrs. R. Valenzuela reports no water found in structure. Used flush truck with slix to clean & rinse. Generated 1 drum PPE. Removed Spill Tag # 17924 upon completion. The Sump in this structure has a concrete bottom.

Map Identification Number 215 **MANHOLE 39979** **Spill Number: 9901534** **Close Date: 01/29/2004**
W.53RD ST & 9TH AVE MANHATTAN, NY TT-Id: 520A-0091-031

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1499 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: W.53RD ST / 9TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR ROMANO	Notifier Phone:	(212) 580-6763
Caller Name:	STEVEN CRIBBIN	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/10/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

unk oil in manhole on 5 gal of water - samples have been taken and

clean up pending results - spill contained in manhole - manhole does have a sump unk if it connects to the sewer con ed #124756

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
CON ED E2MIS NOTES 6-01-99

5-10-99 09:35

Approx. 1 gal. of unknown oil on approx 5 gals. of water. Oil is contained to the manhole didn't enter any waterways or sewers.
Structure has no cracks, it does have a sump. Unable to determine if sump has a sewre connection. Took a sample and hung sign.

05-12-99 14:56hrs. Aroclor none, PCB <1.00ppm

05-14-99

Cleanup complete in MH 39979

<1ppm PCb- no Aroclor

No found found in structure

generated 1 drum PPE

Used flush truck to clean and rinse structure.

Tag removed upon completion.

Map Identification Number 216 **MANHOLE 39979** **Spill Number: 9900806** **Close Date: 05/05/1999**
9TH AVE / WEST 53RD ST MANHATTAN, NY TT-Id: 520A-0091-023

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1499 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	CARROLL	Notifier Phone:	
Caller Name:	MIKE CESARE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	MIKE CESARE	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/21/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

8 OZ OF UNK OIL CONTAINED IN THE MANHOLE ON 1/2 GAL OF WATER. CLEAN UP PENDING SAMPLE RESULTS. CON ED 124-364.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con ed e2mis notes:

8 oz of unknown oil on 1/2 gal of water in manhole. Spill did not enter sump in manhole. There is no verified cracks or sewer connection in structure. Also Mr.Hulser classified this spill priordy "B" 4 day turn around.

4/23/99: O.S. (UG) R.Valenzuela reports clean up complete in mh

Treated wastestream as >50 ppm pcb pending pcb analysis.

Removed 25 gals oil/water to >50 tanker.

double washed and rinsed structure.

Generated 1 drum solid debris, Taken to Chem Waste via Corporate Transportation.

pcb, <1ppm Aroclor 1248

Map Identification Number 217 **9TH AVE &** **Spill Number: 9808829** **Close Date: 11/24/1998**
53TH ST & 9TH AVE MANHATTAN, NY TT-Id: 520A-0092-967

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1499 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 9TH AVE / WEST 53RD ST
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	HOWARD CORR	Notifier Phone:	(516) 379-1500
Caller Name:	LORETTA D'ANGELO	Caller Agency:	MILRO ASSOCIATES	Caller Phone:	(516) 379-1500
DEC Investigator:	SMSANGES	Contact for more spill info:	LORETTA D'ANGELO	Contact Person Phone:	(516) 379-1500

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/15/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

WHILE CLEANING MAHHOLE CALLER FOUND OIL IN THE WATER THAT IS IN THE MANHOLE THEY THINK IT COULD BE COMING FROM A STORE INFRONT OF THE MANHOLE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
NO OIL FOUND.

Map Identification Number 218 **MANHOLE 60978** **Spill Number: 0409407** **Close Date: 01/07/2005**
W 58 ST / 11 TH AV MANHATTAN, NY TT-Id: 520A-0098-936

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1501 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: WEST 58TH ST/11TH AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: RON ELLIOTT
DEC Investigator: GDBREEN
Spiller:
Notifier Name: CASALTA
Caller Agency: CON ED
Contact for more spill info: ERT DESK
Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/20/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	8.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CLEAN UP PENDING TEST RESULTS. CON ED REF # 156323.

DEC Investigator Remarks:

H.Muniz#16825, Sr. Field Operator notified the control center on 11/20/04 at 01:05hrs. to report he found approx. 8 gallons of an unknown oil and no water in M60978, which is located on the North side of W.58 ST 100' w/o 11Ave. H.Muniz#16825 was in M60978 to ID and mark phases on feeder 22M62 when he discovered the spill. There was no fire or smoke involved and no sewers or waterways were affected. H.Muniz#16825 says there is some oil in the sump. There were no injuries related to this spill and the weather conditions did not contribute to the hazard of this spill. There was no private property affected. The source and cause of the spill is unknown. There is oil filled equipment in M60978, the primary feeder cables. There is no water in M60978. There is a sump in M60978. There was a yellow environmental
tag numbered #44969 hung in M60978. There were three samples taken from M60978, one for PCB's, one for oil ID and one for Flashpoint. The samples are marked priority E. The chain of custody
form number is #DD20560. There was no initial cleanup action taken. The cleanup is pending crews and test results.

11/20/04 04:25
UPDATE : The feeder number was incorrectly given as 22M62, it is really 23M62. H.muniz#16825 notified the control center to say that after taking samples he says that there is approx. 6 gallons of unknown oil and some water, not 8 gallons as he had earlier stated. A cleanup has been setup for 11/20/04 at 07:00hrs.

Lab Sequence Number: 04-09657-001 - PCBs < 1 ppm
Lab Sequence Number: 04-09657-002 - Flash Point, PMCC > 140 deg F
Lab Sequence Number: 04-09660-001 - Analysis indicates the presence of a cable oil.

11/20/04 12:02 W. Dixon # 86121 Underground splicer/cleanup person called to report that at 11:30 the cleanup was completed. The structure was double washed with slix. 1 bag of ppe was generated as a result of this spill. The flush truck removed all liquid. The spill tag # 44969 was removed.

Map Identification Number 219 **Spill Number: 0008646** **Close Date: 10/25/2000**

WEST 58TH ST/11TH AVE MANHATTAN, NY TT-Id: 520A-0098-935

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1501 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	CALLER - CON ED	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR TURNER	Notifier Phone:	(718) 319-2340
Caller Name:	CHARLIE MCCARTHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/25/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ASBESTOS	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

possible release was reported to caller. unk how it was discovered or what caused it. bulk and excursion samples being taken.
clean up is pending test results con ed# BULK SAMPLE UPDATE WAS POSITIVE AND A CLEAN UP CREW IS ON THE SCENE AT 04:10AM

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Copy referred to Air Division (Bob Mitrey).

Map Identification Number 220 **CONSTRUCTION SITE** **Spill Number: 0507015** **Close Date: 05/05/2006**
617-623 WEST 47TH STREET MANHATTAN, NY TT-Id: 520A-0093-845

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1518 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	JEROME KUNG - CONSTRUCTION SITE	Spiller Phone:	(646) 483-6554
Notifier Type:	Other	Notifier Name:	ANTHONY VANAGTA	Notifier Phone:	(516) 671-8440
Caller Name:	ANTHONY VANAGTA	Caller Agency:	GANNETSLEMING	Caller Phone:	(516) 671-8440
DEC Investigator:	JBVOUGHT	Contact for more spill info:	JEROME KUNG	Contact Person Phone:	(646) 483-6554

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/09/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DURING EXCAVATION, SOIL CONTAMINATION WAS FOUND, POSSABLY BELEIVEDTO BE GASOLINE, UNKNOWN AT THIS TIME. SAMPLES WERE TAKEN

DEC Investigator Remarks:

9/9/05-Vought-Spoke to Joel Rogers (Gannett Flemming 516-671-8440) and contaminated soil was removed and endpoint samples were collected. One fuel oil UST and one gasoline UST onsite. Groundwater was present in the bottom of the excavation. Samples were also collected from piping runs and remote fills. One groundwater sample was collected. Active construction going on. Endpoint samples did show TAGM exceedences. Site is DEP E site and vapor barrier will be installed. Groundwater at 12' below grade. Groundwater samples were below TOGS and therefore no passive ventilation system. Site will be excavated down to bedrock over most of site. Minor PAH exceedences attributable to fill material. One soil sample had 63000ppb napthalene. Additional soil excavation required at area of excavation. After excavation for foundation is complete sidewall samples and bottom groundwater samples will be collected. Dewatering will occur for building construction. Groundwater samples show minor PAH and MTBE exceedence. See also spills 0506800, 0507015. Two additional 550-gallon USTs discovered. DEC requires: soil endpoint samples and groundwater samples upon reaching limits of excavation for foundation

10/13/05-Vought-Spoke to Joel Rogers and see also spill #0506652, 0506800, 0507015 and 0508375. All three spill numbers will be addressed in one report. Three spill numbers will be consolidated once bedrock is reached and dewatering begins.

10/18/05-Vought-Site visit by Vought on 10/14/05. Onsite was Jessica Ferngrem(Gannett Fleming) and Jerome Kung (Verizon 646-483-6554). Also on site were owners of 607 West 47th Street (Felix Guralnik) See also spill #. Free product coming from under 607 West 47th Street and flowing into groundwater in excavcation of adjacent Verizon site. Site visit to 607 West 47th street showed waste oil tanks in very poor condition and numerous puddles of waste oil on garage floor. DEC required Verizon: 1)collection of one endpoint soil sample from sidewall under 607 West 47th st 2)submission of analyticals of free product sample 3)regular interrmittent sampling of dewatering effluent as remedial method 4)submission of PBS registration. NYCDEP discharge permit obtained by Verizon. Vought called Joel Rogers and left message that he will be faxed a copy of the letter. Vought also faxed copy to Ferngrem and emailed to Kung.

10/21/05-Vought-Received call from Greg Earnst (Gannett Flemming). Vought returned call and left message to return call. Vought spoke to Earnst and west side of 607 West 47th Street had product coming from under building. Vought did not require new spill number due to existing spill number 0508375. Product will be vaccumed out and underpinning will be installed. Paint on membrane will be applied to underpinning and voids will be filled with cement slurry.

10/25/05-Vouight-ECO will be performing site visit to 607 West 47th Street on 10/24/05. Vought received call from Joel Rogers. Vought returned call and left message to return call. Vought received second call from Rogers. Vought returned call and spoke with Rogers.

11/15/2005-Vought-Spoke with Joel Rogers and he will include tank closure report with above requirements and report will be submitted by 1/15/06.

05/05/06-Vought-This spill closed and referred to open spill #0506652 at same location.

Map Identification Number 221 **12TH AVE/56TH TO 57TH ST** **Spill Number: 9611042** **Close Date: 12/17/2004**
12TH AVE/56TH TO 57TH ST MANHATTAN, NY TT-Id: 520A-0101-552

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1524 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: TWELFTH AVE BETW/W 56TH / W 57TH STRS
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:	MR GANER	Notifier Phone:	(212) 338-3352
Caller Name:	PAT MCHUGH	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	MR GANER	Contact Person Phone:	(212) 338-3352

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/06/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WHILE DOING DIGGING AT LOCATION A QUANTITY OF CONTAMINATED SOIL

WAS ENCOUNTERED - SAMPLE OF MATERAL HAS BEEN SENT OUT FOR TESTING

TO DETERMINE WHAT IT IS - NO FURTHER INFO AT THIS TIME

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

12/17/2004: Con Ed submitted copy of Oil, Toxic, or Hazardous Substance (including PCB's and Asbestos) Spill Notification Form dated 12/6/96, which states: "A REPORT OF AN UNKNOWN PRODUCT FOUND IN A TEST EXCAVATION AT THE ABOVE LOCATION. THE EXCAVATION HAS NO CON EDISON POTENTIAL SOURCE AS PER B.SHANNON FROM M&C." No source ever identified. Close out. (JHO)

Map Identification Number 222 **SERVICE BOX #10817** **Spill Number: 0101161** **Close Date: 07/16/2003**
WEST 56TH ST #419 MANHATTAN, NY TT-Id: 520A-0096-731

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1526 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 419 W 56TH ST
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	CHARLIE MCCARTHY	Notifier Phone:	(212) 580-6763
Caller Name:	CHARLIE MCCARTHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6765
DEC Investigator:	KMFOLEY	Contact for more spill info:	CHARLIE MCCARTHY	Contact Person Phone:	(212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/30/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

BELIEVED TO BE A THIRD PARTY SPILL-SAMPLE TAKEN CLEANUP PENDING

RESULTS. CON ED #136736.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #136736:

4/30/01 14:30 hrs.

Carl Bruce #89045, Emergency Supervisor #9, reported at 14:11 hrs. that B. Fergus #12602, Troubleshooter, reported at 14:00 hrs. that he found approx. 75 gallons of unknown oil in service box SB10817 located in front of 419 West 56 Street. According to Mr. Bruce, the oil is possibly home heating oil. #9 was responding to an outage at 419 W 56 Street when they discovered the oil. The service box was full to the top with oil. The source and cause of the spill is unknown but possibly due to a fuel oil delivery to 417 West 56 Street. Checked conduit plate #30-E-2 and verified no sewer connection. Only secondary cables in service box. Concrete sump not verified. Spill tag #22353 installed. Samples will be taken for PCB, Oil ID and Flash point. Chain of Custody AA21631 issued. No initial cleanup action taken other than placing pigs around service box to prevent migration. Cleanup pending flash point analysis.

UPDATE @ 16:51 HRS.

Lou First, EH&S Manager, reported at 16:22 hrs. that he is on location with ERT Bill Capune. They have reevaluated the condition of the structure and based on the dimensions of the service box and our discussion it was determined that there is approx. 1/4 inch of oil on top of approx. 500 gallons of water. This equates to approx. 3 gallons of oil. He stated that the fluid is at the top of the structure and that if the cover were to be placed back on, the fluid would probably go onto the street. The crew will therefore remain on location until relieved by an underground crew. It was also reported that the courier arrived at approx. 16:35 hrs.. Samples will be brought to Astoria for analysis. A discussion of the cleanup then ensued.

Environmental Desk will make arrangements for cleanup of this structure.

UPDATE: @ 17:50 hrs.

Environmental Desk called Clean Harbors at 17:10 hrs. to make arrangements for cleanup of this structure. Clean Harbors confirmed at 17:25 hrs. that they would be able to clean this structure on the 3 to 11 pm shift. Notified Carl Bruce, #9 Supervisor and Flush SOAX of status of cleanup. Note: Clean Harbors will pump service box and do cleanup but they need results of lab analysis before they leave location. Flush SOAX on midnight shift will provide information to Clean Harbors.

05/01/01 02:30 hrs

Flash Point results: (214) Units: Deg. MDL: F

05/01/01 02:30 hrs lab seq #01-05300-001, PCB <1.0 PPM

5/1/01 21:06 Received lab results lab sequence # 01-05324-001

Analisis indicates the presence of a substance similar to a degraded light fuel oil.

UPDATE: 5/09/01 @ 18:29 HRS.

A Chem Lab technician called requesting information about a sample from this service box. The Tech. wanted to know what type of sample we wanted, PCB or Oil ID since he didn't have enough of a sample to do both tests. From our discussion I discovered that he was referring to a different Chain of Custody form. The Chain of Custody form issued was #AA05251, dated 5/09/01 and requested by Mike Melendez, UG North Supervisor. Apparently the manhole was re-sampled again on 5/09/01. I instructed the technician to do a PCB test.

UPDATE: 6/27/01

Lab Sequence #01-05543-001

Oil Identification Analysis by NYSDOH 310-13 (Hydrocarbon Scan)

Insufficient amount of sample extracted to perform oil identification.

Lab Sequence #01-05542-001, Total PCB = < 1.0 ppm

6/28/01 13:47 J. Shin # 85201 Underground (cleanup) supervisor called to report that the cleanup was complete 100% at 13:30. The tanker had removed 550gallons of a water/oil mixture. There was no solid debris. The structure was double washed with slix. & spill tag # 18666 was removed.

Map Identification Number 223 **SERVICE BOX 10817** **Spill Number: 0514198** **Close Date: 04/17/2006**
417 W 56TH ST MANHATTAN, NY TT-Id: 520A-0096-730

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1544 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:	CHRISTOPHER HINES	Notifier Phone:	(212) 580-6363
Caller Name:	CHRISTOPHER HINES	Caller Agency:	CON ED	Caller Phone:	(212) 580-6363
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK‘	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/11/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Con-Ed # 163305

DEC Investigator Remarks:

04/17/06 - See e-docs for Con Ed report detailing cleanup and closure.

04/17/06 - See e-docs for Con Ed report detailing cleanup and closure.

163305. 03-11-06 15:45HRS. R Valenzuela #92468 Flush Superviser reports that at 15:28 hrs he discovered 3 gallons of heating oil mixed with 100 gallons of water in service box 10817 located at 417-419 West 56 St. He was at this location to assist emergency desk with verification of oil in street from a third party spill. As per Valenzuela an oil delivery was made 3 days ago when a spill occurred . Oil remained in street and made its way into Con-Ed service box. No fire or smoke is involved and no injuries were reported. No sewers or waterways were affected and weather conditions did not contribute to the hazard of the spill. The source of the spill is known to be a third party oil vendor. and no private property was affected. Environmental Tag # 51125 was hung and 2 liquid samples were taken (PCB and FLASH POINT), using chain of custody form # EE13717. Ther is 100
gallons of standing water with no visible movement. There are no sewer connections or sumps .
ERT T.Regan 07430 was notified as was CIG C.Haynes # 87736. at 16:05 hrs. G Anelli

UPDATE 3-11-06 16:39. ALL STATE POWER VAC contacted at this time to set up clean up . I was informed by Donald (superviser) that a crew will be on location within 2 hours.
Since there are no lab results at this time ,the clean up will be treated as 50-499ppm . ERT notified at 16:45 hrs ,spoke to B Capune #85485 . G Anelli 14059

Map Identification Number 224 **IFO (BTWN 9 & 10TH AV)** **Spill Number: 0100809** **Close Date: 05/17/2001**
417 W 56TH ST MANHATTAN, NY TT-Id: 520A-0096-729

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1544 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	MR PELLIGRINO	Notifier Phone:	(212) 580-6765
Caller Name:	MARK SCHLAGEL	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6765
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/20/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

UNK HOW SPILL GOT IFO ADDRESS - CON ED PUT DOWN PIGS FOR CLEAN UP - SPILL IS CONTAINED IN A POTHOLE BETWEEN THE CURB & A CON ED SERVICE BOX - THIRD PARTY SPILL - REF #136582

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
CON ED E2MIS REPORT 4-20-01

Approx. 1gal. of possible fuel oil had spilled on the sidewalk in front of 417W 56th Street. It appears that there was a recent fuel oil delivery to this building and the oil leaked onto the sidewalk and had migrated towards the curb and our service box. The oil is presently contained in a small pothole between the curb and our service box. He cannot get access to the service box due to a car parked over it.

#9 crew placed absorbent pads and pigs down to contain the spill and prevent any migration into our service box. The crew is also to inform the building owner/superintendent of the spill.

As per ERT this is a reportable spill.

Cleanup was completed at 21:50hrs.

Map Identification Number 225 **MANHOLE** **Spill Number: 0111672** **Close Date: 04/18/2002**
W 48TH ST & 12TH AV MANHATTAN, NY TT-Id: 520A-0096-279

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1545 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: WEST 48TH ST / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	MR BRUNS	Notifier Phone:	(212) 580-6765
Caller Name:	SEAN MCKEEVER	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	SEAN MCKEEVER	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/11/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

25 gals unk material on 25 gasl of water - in an underground structure

no con ed # yet

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis no. 141-758 notes:

On 3/11/02 at 11:55 H. Anderson # 141758 of the cable dept. reported that at a manhole #-47123 that is located at the NEC W. 48 St. & 12 Ave. he found an oil like substance mixed with water in the structure. He also states that there is a tag already in the structure & was calling as per the status. He gave me the tag number 28473 & structure number. I tried to look up the incident & found no record.

I informed Bob Pellegrino # 38620 Environmental sr. specialist of the situation. He tried to look up an incident on this structure as well & found nothing, so he advised me to have the employee make another report of the substance & remove the old tag.

He reports that he found 25 gallons of an unknown oil mixed with 25 gallons of water. He states that there was no sewers or water ways affected. & no sewer connection in the structure.

The oil is from an unknown souce & the cause is also unknown.

He also reports that he will call back with a new tag number & chain of custody # because he has neither in the truck at this time. He was also infomed that 2 samples will need to be taken.

Update 3-11-02 @ 21:09 hrs.

Lab Sequence Number: 02-02020-001

Insufficient amount of sample extracted to perform oil identification.

Update 3-11-02 @ 21:37 hrs.

Lab Sequence Number: 02-02019-001

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082

UPDATE: 3/19/02

John Comerford #08212 reported at 12:25 hrs. on 3/12/02 that the manhole was cleaned on 3/12/02 by the following crew: T. Elphick #08204, S. Abandolo #87315 and M. Pluchino #87326. One drum of solid debris including PPE was generated and removed. The walls and floor were double washed with Slix and rinsed with the Vactor truck. Spill tag #00771 was removed. The tanker removed 500 gallons of oil and water from the structure. The cleanup was completed at 12:10 hrs.

Map Identification Number 226 **Spill Number: 0102293** **Close Date: 07/17/2003**

WEST 48TH/12TH AVE MANHATTAN, NY TT-Id: 520A-0096-281

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1545 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: WEST 48TH ST / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR PELLIGRINO	Notifier Phone:	(212) 580-6765
Caller Name:	MARK SCHLAGEL	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6765
DEC Investigator:	KMFOLEY	Contact for more spill info:	MARK SCHLAGEL	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/31/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

cont found in excavation...no clean up action at this time...3rd party spill.ref # 137345. contact to con ed peter depalma he is w/ rock rose construction.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #137345:

5/31/01 11:55 HRS.

Frank Popolizio #00042, Project Manager Major Services, reported at 11:25 hrs. that Peter DePalma of Rock Rose Construction reported at 11:10 hrs. that an unknown oil and water is coming into his excavation site. There is a service box adjacent to the excavation which is located on West 48 Street 150 feet east of 12th Ave on the north side of 12th Ave. The service box is collapsed approx. 8 inches from grade. The Contractor suspected that the oil & water was coming from the grating box. Frank Popolizio traced the oil and water that was running down the street towards our structure & the excavation to a building located at 605 West 48 street, which is possibly a garage. He suspects that there was a diesel fuel delivery at this location and it spilled onto the sidewalk & street. Someone washed the oil down the street with water and it migrated to our service box and the excavation. This a 3rd Party Spill. The source of the spill is from a possible diesel fuel delivery and the cause is unknown. Frank Popolizio was at this location for a field meeting with the Contractor to discuss problems with the building. He reported that there is approx. 5 gallons of oil and approx. 10 gallons water on the surface of the service box area. He has no access to the service box.

UPDATE @ 14:08 hrs.

Red Wagon crew arrived at location to investigate and to take samples. Environmental Desk (E.D.) called Shawn Barrett of Clean Harbors at 13:30 hrs. and requested their services to clean this location. He will send a 4 person crew and Vactor truck to location. E.D. also called for a photographer to take pictures of this incident. E.D. also called the Corporate Courier at 14:02 hrs. to pick up the samples.

UPDATE @ 18:30 hrs.

Clean Harbors arrived on location at approx. 17:15 hrs. Underground North crew to meet Clean Harbors to assist in cleanup if required.

EPA # NYP 004 083 929 issued by ERT, Bill Capune.

UPDATE 6/1/2001 @ 02:40 HRS

Lab Sequence # 01-06126-001, Hydrocarbon scan (NYSDOH 310-13) identified as light fuel oil

Lab Sequence # 01-06125-001, 1ppm PCB

Spoke to Setero # 01481 and he informed me that Clean Harbors has completed this Cleanup as of 20:30.

UPDATE: 7/23/01

The following information is from the Clean Harbors work sheets and invoice received on 7/23/01 from Clean Harbors:

...."Arrived on site ... met contact ... called H/S ....review section#43 with crew ..... setup work zones...lay down speedi-dry on roadway..... put into drums.....clean-out service box....vactor - up solids and pressure wash.....remove drums from job site.....breakdown job site and back to Bklyn shop."

Waste Generated:

2 yards solid - manifest CTF0834049

5 drums solid - 1400 lbs. - CTF0810315

Map Identification Number 227 **CUNARLINE DOCK** **Spill Number: 0003862** **Close Date: 02/13/2003**
48TH ST/ 12TH AVE MANHATTAN, NY TT-Id: 520A-0096-280

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1545 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: WEST 48TH ST / 12TH AVE
Revised zip code: 10036

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:	USEPA	Notifier Phone:	
Caller Name:	PETTRY OFFICER ORTIZ	Caller Agency:	USCG	Caller Phone:	(718) 354-4136
DEC Investigator:	JMROMMEL	Contact for more spill info:	PETTY OFFICER ORTIZ	Contact Person Phone:	(718) 354-4136

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/29/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

ranibow scheen on water.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
2/13/2003 - Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 228 **MH 47123** **Spill Number: 0001532** **Close Date: 03/23/2004**
WEST 48TH ST & 12TH AV MANHATTAN, NY TT-Id: 520A-0096-278

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1545 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: WEST 48TH ST / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR. BOSE	Notifier Phone:	
Caller Name:	MIKE CESARE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/07/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

MANHOLE 47123. THREE QUARTS UNKNOWN OIL ON 500 GALLONS OF WATER. LIQUID LEVEL IN MANHOLE APPEARS TO BE CONSTANT. SAMPLES TAKEN. CLEAN UP PENDING TEST RESULTS. CON EDISON REFERENCE NUMBER 131523.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Spill was sent to Region 1 by D.C. and was re-routed to Region 2 on May 8, 2000. KST

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e2mis no. 131253:

apprx 3-qts unknown fluid mixed with 500-gallons water in MH-47123. NO sewer connection as per conduit plate 28C-1. Clean up pending test results.

lab sequence # 00-04480 PCB <1 ppm

date: 08/24/2000

Time: 1500 HRS.

Cleanup Info: WASHED FLOOR, SUMP AND CABLE WITH SLIX

Spill Source: UNKNOWN
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Map Identification Number 229 **BOX 47121** **Spill Number: 0000821** **Close Date: 03/22/2004**
W 48TH ST/12TH AVE MANHATTAN, NY TT-Id: 520A-0096-277

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1545 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: WEST 48TH ST / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	MR CARROL	Notifier Phone:	(212) 580-6763
Caller Name:	TONY LOPEZ	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	TONY LOPEZ	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/20/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SERVICE BOX FOUND WITH 1 GAL OIL INSIDE. CLEAN UP PENDING RESULTS.

#130968

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 130968:

1 gal of unknown oil on 100 gals of water in sb-47121. A sample was taken.

Lab Sequence #00-03905 PCB <1 ppm

12/06/00, 1400 HRS.

Cleanup Info: WASED AND CLEANED CABLE & FLOOR WITH SLIX.

Involved Equip: NONE

Map Identification Number 230 **51ST ST & 9TH AVE** **Spill Number: 9502428** **Close Date: 05/26/1995**
51ST ST & 9TH AVE MANHATTAN, NY TT-Id: 520A-0092-894

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1546 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: WEST 51ST ST / 9TH AVE
Revised zip code: 10019

Source of Spill:	TANK TRUCK	Spiller:	SUMMIT TRANSPORT	Spiller Phone:	(201) 836-4220
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	MENDELSOHN	Caller Agency:	EPA HOTLINE	Caller Phone:	(908) 548-8730
DEC Investigator:	JMKRIMGO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/26/1995	05/26/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	2.00	GALLONS	SOIL

Caller Remarks:

LEAK IN TANK TRUCK - ABSORBENT USED FOR CLEAN UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 231 **MAN HOLE #56100** **Spill Number: 0005144** **Close Date: 10/24/2001**
IFO 608 W. 47TH ST MANHATTAN, NY TT-Id: 520A-0093-805

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1553 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	(000) 000-0000
Notifier Type:	Affected Persons	Notifier Name:	TED ROBICHAUD	Notifier Phone:	(212) 580-6763
Caller Name:	TED ROBICHAUD	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/30/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CON ED # 132615 SPILL CONFINED IN MAN HOLE NO TO ALL 5 QUESTIONS CLEAN UP PENDING LAB RESULTS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis Notes:

7/30/00 1gal unknown fluid in sump. Chemical like odor. Oil ID indicates a presence of a strong solvent. PCB count is <1ppm. Flashpoint is below 140 deg F. All State used a vactor with simple green degreaser to clean and rinse manhole. 2gal liquids removed from the sump with approx 50gal rinse water. No sump.

Map Identification Number 232 **APARTMENT BUILDING** **Spill Number: 0611530** **Close Date: 04/09/2007**
802 9TH AVE NEW YORK, NY TT-Id: 520A-0090-382

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1586 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Other
Caller Name:
DEC Investigator: rvketani

Spiller: JULIAN RAMONO - APART
Notifier Name:
Caller Agency:
Contact for more spill info: JULIAN RAMONO

Spiller Phone: (718) 288-9223
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 288-9223

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/17/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WHILE REMOVING BASEMENT FLOOR SLAB FOUND CONTAMINATED SOIL AND ODOR: WILL BE CALLING CLEAN UP COMPANY

DEC Investigator Remarks:

1/19/07 - Raphael Ketani. I made a site visit at 2:15PM and met the owner, Julian Ramono, and his lawyer, Michael Fleishman (212) 695-8100. We went down to the basement. The basement floor had been completely removed and new sewer pipes had been installed. We went to the back of the basement. Mr. Ramono said that there used to be a bathroom here. The odor of a cleaning solution was obvious in the entire basement, but not strong. I took PID meter readings. At the back wall of the back area of the basement, the readings were 2800 ppb. The ambient air in the back basement was about 1800 to 1900 ppb. Vapors at the floor and at the opposite wall to the very back were about 2100 ppb. I measured the vapors as we went to the front of the basement. The vapors in the open trenches dropped to 1500 ppb in the middle area and then to about 990 ppb at the front end of the basement in the trench. I told Mr. Ramono that he needed to hire an environmental firm to start an investigation. He said he would.

1/23/07 - Raphael Ketani. The owner is Palazzo Realty, Inc., 802 9 Avenue, NY, 10019-5635. I sent Mr. Ramono a CSL. The block and lot are 01044/0002.

2/16/07 - Raphael Ketani. Mr. Khouri of Langan Engineering (212) 479-5450 called and said that 3 soil samples were taken at the site and PID readings by Professional Environmental Services. The PID readings were done with a ppm PID meter and didn't detect anything. The soil samples had some hits of SVOCs, but everything was well below the cleanup limits or non-detect.

I told Mr. Khouri that I had high PID readings during my visit. I asked him when the sampling was done. He said on 1/22/07. I told that this didn't make sense as I had high detections with the PID and I definitely smelled something. I asked him to have the consultants go back and take 3 more samples and test for a wide range of volatiles, instead of just method 8260B. He said he will talk to the owner of the property and the consultants.

Mr. Khouri called me back at 2:40PM and said that he spoke to Mr. Ramono. He said that Mr. Ramono told him the vapor barrier system and passive system would be too expensive. Instead, Mr. Ramono wanted to install an active venting system under a new concrete slab. I told Mr. Khouri that as along as the system can maintain a negative pressure under the slab and collect the vapors and vent them, then the system will be an acceptable means of managing the vapors. I told Mr. Khouri to do the calculations for the active system to see if it is feasible, and, if it is, then to submit a set of engineer approved plans. He said he would do this.

2/22/07 - Raphael Ketani. Julian Ramono called asking what should be done regarding the vapors at the site. I told him what I had told his consultant, Mr. Khouri. I said that, initially, we should find out whether there are volatiles in the soil that were not previously detected by the other analytical methods. I told him this should happen before we take any steps towards possibly installing a vapor barrier and venting system. He seemed to agree with me. I told him that 3 soil samples should be taken in the back area of the basement and that each sample should be tested for the full (62 analyte) suite of VOCs. He said he would have this done.

I received a call at 2:41 PM from Mike Cassidy (917) 714-5083. He said he will take 3 soil samples for volatiles. He asked what method should be used. I told him to talk to the laboratory he chooses and ask them what the advantages are between the various methods. I told him our concern was to find what was vaporizing in the basement and to test for the suite of 62 analytes to try and find it. He said he will find the appropriate method and do the sampling.

3/9/07 - Raphael Ketani. I received a call from Mr. Cassidy regarding the 3 soil samples that were taken. He said he had the results and that there were only a few hits for each sample and that all of the hits were well below TAGM limits. I told him to send me the analyticals.

I received the soil analytical results and almost all of the analytes were non-detect. There were several VOC hits in 2 of the 3 samples, but these were very far below the TAGM limit.

3/12/07 - Raphael Ketani. I spoke to Mr. Cassidy about the analytical results. I told him that the results were very good. However, I told him that a plan had to be submitted by an engineer which deals with the high vapors. Mr. Cassidy said he will talk to Mr. Ramono. He added that Mr. Ramono was already looking at the idea and costs of installing a vapor barrier of some kind.

4/4/07 - Raphael Ketani. John Capola (914) 946-4300, ext 106 of Carnel & Assocs. called and left a message. He said he had spoken to Mr. Ramono and understood that some kind of vapor barrier was needed for the site. He said he wanted to put a "rat slab" with a passive vapor system. I tried to call Mr. Capola, but could only leave a message that the vapor barrier was the only issue left for the case and the last requirement of DEC.

4/10/07 - Raphael Ketani. The plan for the vapor barrier (which mentions a subslab exhaust system, but doesn't show it) system was received yesterday.

Based upon the analytical results, the plan for the vapor barrier and the other documents in the case file, I am closing the

spill case.

11/27/07 - Raphael Ketani. I received several e-mails last week from Mark Tibbe, Geologist Tech III Region 2, regarding work that is taking place next to the site. In summation, the situation is that there is a former transit bus depot site (spill #9613939) next to 802 9th Avenue. The bus depot was torn down and the contractors began to treat the soil underneath. They pumped a treatment solution. However, the solution and some oil started showing up in the soil of the unslabed basement. The MTA will test the oil to see whether it is the same type of diesel fuel that the buses used to run on. If there is a match, then the MTA will take it upon themselves to seal the basement at 802 9th Avenue.

The e-mails are below:

You took a sample of the oil to compare with the product at 54th Street?

>>> "Jones, Eric" <Eric.Jones@nyct.com> 11/21/2007 2:18 PM >>>
There was oil and water in his basement which he stated occurred during the time of our injection in the area close to his building.

Eric Jones, CCM
Construction Administrator
Remediation Program
Capital Program Management
New York City Transit
2 Broadway, RM. D2.91
New York, NY 10004

Tel: 646-252-3423
Fax: 646-252-3140
Email: Eric.Jones@NYCT.com

Eric,
I am not sure what to do. The spill (attached) is closed, but you stated that there was still a problem at the site, right? Could you please explain exactly what transpired that prompted your call to me yesterday.
Mark

>>> "Jones, Eric" <Eric.Jones@nyct.com> 11/20/2007 12:30 PM >>>
Mark,

Pursuant to our conversation, here is the address for the bldg. located at the SW corner of our property. According to the bldg. owner there is an open spill number from earlier this year when he first reported odors in his basement to the DEC. Please let me know the spill number and the

status of any DEC response/enforcement action.

If our culpability is determined (GC fingerprint and/or soil sampling) and our attorney concurs I will have a remedial design prepared for the installation of a vapor barrier with passive vent pipes prior to the building owner pouring a pre-planned concrete floor slab in the basement.

Eric Jones, CCM

Map Identification Number 233 **TRUCK** **Spill Number: 0713129** **Close Date: 03/13/2008**
512 WEST 47TH STREET MANHATTEN, NY TT-Id: 520A-0214-804

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1586 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	MARTIN KOSLOW	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	smsanges	Contact for more spill info:	MARTIN KOSLOW	Contact Person Phone:	(212) 581-4133

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/12/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

TRUCK PICKING UP OIL LEAKED ON STREET

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 234 **Spill Number: 0301103** **Close Date: 05/09/2003**

798 9TH AVE MANHATTAN, NY TT-Id: 520A-0091-421

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1597 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	DEC	Notifier Name:	NYC FIRE DEPT	Notifier Phone:	(212) 570-4300
Caller Name:	AZALEA MADDIX	Caller Agency:	DEP	Caller Phone:	(212) 689-1520
DEC Investigator:	TJDEMEO	Contact for more spill info:	UNK	Contact Person Phone:	(000) 000-0000

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/30/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NO FURTHER INFO AVAILABLE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
4/30/03 TJD

FDNY on site. Batallion 8 (347)539-0508 states tank overfill at above location. Unknown tank size. Material is #2 Fuel Oil. Discharge was from vent line impacting street/sidewalk. Absorbents were used to contain spill. Mystic Transportation is RP. Mystic clean-up crew returning to location for clean-up. Spill not reported by Mystic. FDNY states no impacts inside bldg. Site should be inspected prior to closure.

5/9/03 TJD

Site inspected. all cleaned. No further action required.

Map Identification Number 235 **529 WEST 46TH STREET** **Spill Number: 0307678** **Close Date: 12/05/2003**
529 WEST 46TH STREET NEW YORK, NY TT-Id: 520A-0093-822

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1617 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	ME LUCAS	Notifier Phone:	(212) 580-6763
Caller Name:	PAUL DIDANATO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	PAUL DIDANATO	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/21/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

WHILE ESCAVATING DUG UP THE ABOVE MATERIAL - POSSIBLY FUEL OIL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 150-840:

On October 21, 2003, Construction Management Frank Santos reports that at 10:55 hours contractor Felix Industries (working for Con Edison) was excavating to install a new 4" gas service and found approximately 4 gallons of unknown black dirt (which spells like fuel oil) in an excavation. Chem. Lab was also notified at 11:05 hours to respond to the location and take samples.

10-29-03 SOIL CLEANED UP, PUT IN CONTAINER AND BROUGHT BACK TO THE YARD AS PENDING ANALYSIS. CHEM LAB TOOK SAMPLES FOR PCBS AND TPH. RESULTS SHOW THAT THERE ARE NO PCBS AND 64 PPM TPH WHICH IS VERY LOW. WASTE WILL BE DISPOSED OF AS NON-HAZARDOUS OILY DEBRIS. CLEAN UP COMPLETE.

AMD

Map Identification Number 236 **216295; W 50 ST AND 9TH AVE** **Spill Number: 0914134** **Close Date: 12/06/2009**
W 50 ST AND 9TH AVE NEW YORK, NY TT-Id: 520A-0248-676

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1631 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: W 50TH ST / 9TH AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: DMPOKRZY
Spiller: ERT DESK - CON EDISON
Notifier Name:
Caller Agency:
Contact for more spill info: ERT DESK
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/07/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 237 **668 10TH AVE/MANHATTAN** **Spill Number: 8909078** **Close Date: 11/06/2001**
668 10TH AVENUE NEW YORK CITY, NY TT-Id: 520A-0091-729

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1635 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name:
DEC Investigator: TOMASELLO
Spiller:
Notifier Name:
Caller Agency:
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/13/1989	11/06/2001	UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	AIR

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

11/06/01: MF-R9 NO REMARKS OR OTHER INFO REGARDING SITE. IT APPEARS TO BE AN RELEASE 12 YEARS OLD. DEAD ISSUE. NO FURTHER ACTION POSSIBLE.*********COMPUTER FILE**********

Map Identification Number 238 **BTWN 58&59TH ST 11TH AVE** **Spill Number: 8604653** **Close Date: 10/21/1986**
BTWN 58&59TH ST 11TH AVE MANHATTAN, NY TT-Id: 520A-0102-267

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1639 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: W 58TH ST / W 59TH ST / 11TH AVE
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN Spiller: UNK Spiller Phone:
Notifier Type: Citizen Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: UNASSIGNED Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/20/1986	10/21/1986	UNKNOWN	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

NO ACTION REQUIRED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
10/10/95: This is additional information about material spilled from the translation of the old spill file: UNK ORANGE LIQUID.

Map Identification Number 239 **HUDSON RIVER PARK** **Spill Number: 0102492** **Close Date: 02/12/2003**
12TH AVENUE & 57TH STREET NEW YORK, NY TT-Id: 520A-0090-629

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1672 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 12TH AVE / W 57TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	LAURA BLACKMAN	Notifier Phone:	(212) 791-2530 ext. 2
Caller Name:	LAURA BLACKMAN	Caller Agency:	HUDSON RIVER PARK TRUST	Caller Phone:	(212) 791-2530
DEC Investigator:	JXZHAO	Contact for more spill info:	LAURA BLACKMAN	Contact Person Phone:	(212) 791-2530

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/05/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
COAL TAR PITCH VOLATILES	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

MATERIAL WAS LOCATED 40 FEET BELOW A RELIEVING PLATFORM. POSSIBLY

HISTORICAL IN NATURE SINCE A COAL GASIFICATION PLANT WAS ONCE THERE MANY YEARS AGO.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO/SIGONA"
06/06/01 It Goes To Hwr For Guidence And Review.06/06/01 Same Location Spill Reported Under Spill # 0102489 At The Same Day.02/12/2003- Closed Due To The Nature / Extent Of The Spill Report.

Map Identification Number 240 **VAULT #4520** **Spill Number: 0304599** **Close Date: 10/13/2004**
863 9TH AV & 56TH ST MANHATTAN, NY TT-Id: 520A-0093-932

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1676 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 863 9TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	RON ELLIOTT	Notifier Phone:	(212) 580-6763
Caller Name:	RON ELLIOTT	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:	RON ELLIOTT	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/31/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL FOUND IN THE ABOVE VAULT BY CON ED WORKERS, CON ED SPILL 3149581 - SAMPLES TAKEN, CLEAN UP AWAITING TEST RESULTS

DEC Investigator Remarks:

E2MIS 149581

On 7/31 @ 11:00 Curtin # 18450 of I&A while working in V-4520 on FDR 21M25 he discovered approx 5 gallons of an unknown oil that may be cooking oil (because the structure is in front of a Restaurant) atop 45 gallons of water. The reason for being at that site was to investigatre a defective pump. He found the sump pump was not running and saw that the wiring was missing. The spill was on the concrete structure floor. Two samples will be taken for PCB and ID and courier will be called for pickup. No initial cleanup actions taken at this time.

Update: Lab Results Posted @ 18:37
Lab Sequence Number: 03-06343-001
Analysis indicates the presence of a substance similar to a dielectric fluid.
Lab Sequence Number: 03-06344-001
PCB < 1.0 ppm

Update: 11/18/03 @ 09:29 hrs.
As per discussion with R. Pagano #48703 no cleanup action was taken on 11/12/03. The vault was de-watered by an over 50 tanker for #9 to investigate the smoking vault condition. #9 reported that the transformer looks good and there is no sign of any leak.
The I&A to follow up and check the transformer.

11/19 @ 14:10
At 14:02 Diaz # 09784 of I&A reported that the cleanup wa completed as of 13:45. No solid waste was removed. All liquid waste was removed by the Vactor truck. The structure was double-washed with degreaser-SLIX. The Environmental tag # 35971 was removed.
There was no visible sign as to the source of the spill.

Map Identification Number 241 **HUDSON RIVER** **Spill Number: 9905442** **Close Date: 08/05/1999**
PIER 88 MANHATTAN, NY TT-Id: 520A-0093-910

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1701 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10036

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:		Notifier Phone:	
Caller Name:	TOM NEUMANN	Caller Agency:	MEREDITH MANAGEMENT	Caller Phone:	(610) 256-2748
DEC Investigator:	SMMARTIN	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/05/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN NON-PETRO/NON-HAZ MATERIAL	OTHER	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

CALLER SAW SHEEN ON WATER APPROX 30FT X 30FT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
RAINBOW SHEEN ON SHORE UNDER SLIP- 52ND STREET. CALLL CG-- IN BY CARNIVAL CRUISE LINE- INVESTIGATORS ON THE WAY.

Map Identification Number 242 **PIER 88** **Spill Number: 9901302** **Close Date: 02/26/2003**
PIER 88 MANHATTAN, NY TT-Id: 520A-0093-909

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1701 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10036

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:	VESSEL	Notifier Phone:	
Caller Name:	PT OFFICER STIEB	Caller Agency:	US COAST GUARD	Caller Phone:	(718) 354-4137
DEC Investigator:	SMSANGES	Contact for more spill info:	PT OFFICER STIEB	Contact Person Phone:	(718) 354-4137

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/04/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

rainbow sheen n water

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Coast Guard says it looks like rain runoff from street.

Map Identification Number 243 **HUDSON RIVER** **Spill Number: 9801442** **Close Date: 02/09/2004**
PIER 88 BERTH 1 MANHATTAN, NY TT-Id: 520A-0093-912

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1701 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:	MR PAUL VONKNORRING	Notifier Phone:	(941) 927-9217
Caller Name:	PETTY OFFICER SMITH	Caller Agency:	US COAST GUARD	Caller Phone:	(718) 354-4119
DEC Investigator:	RWAUSTIN	Contact for more spill info:	MR PAUL VONKNORRING	Contact Person Phone:	(941) 927-9217

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/03/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

CALLER IS ON THE SUPER STAR CAPRICORN SHIP AND NOTICED SHEEN ON

WATER. HE CONTACTED US COAST GUARD. TEAM WAS DISPATCHED BY COAST GUARD FOR INVESTIGATION.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
2/9/04 - AUSTIN - SHEEN ON SURF. WATER FROM ALMOST 6 YRS. AGO - CLOSED - ORIG. ASSIGNED TO ENGELHARDT - END

Map Identification Number 244 **INTREPID MUSEUM/PIER 88 N** **Spill Number: 9504678** **Close Date: 07/18/1995**
WEST SIDE HGWY/PIER 88 N MANHATTAN, NY TT-Id: 520A-0093-908

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1701 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10036

Source of Spill:	VESSEL	Spiller:	SAME	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:	MIKE MORALES	Caller Agency:	USCG	Caller Phone:	(212) 668-7920
DEC Investigator:	SMMARTIN	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/18/1995	07/18/1995	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

RUNOFF FROM STORM LAST NIGHT - SHEEN ON WATER - TO BE CLEANED UP BY SPILLER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 245 **HUDSON RIVER** **Spill Number: 0207825** **Close Date: 10/29/2002**
PIER 88- BERTH #2 MANHATTAN, NY TT-Id: 520A-0093-913

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1701 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: BERTH
Revised zip code: NO CHANGE

Source of Spill: VESSEL | Spiller: MICHAEL MINOGUE - SEABOURNE PRIDE VESSEL | Spiller Phone: (203) 761-6030
Notifier Type: Responsible Party | Notifier Name: CAPTAIN OF THE SHIP | Notifier Phone:
Caller Name: MICHAEL MINOGUE | Caller Agency: ECM HUDSON | Caller Phone: (203) 761-6030
DEC Investigator: JMKRIMGO | Contact for more spill info: MICHAEL MINOGUE | Contact Person Phone: (203) 761-6030

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/28/2002		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
SLUDGE	OTHER	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

HOSE WAS DISCONNECTED BEFORE DISCHARGE WAS COMPLETED CAUSING SLUDGE TO END UP ON THE DECK OF THE VESSEL AND THEN INTO THE WATER.

CLEANUP CONTRACTOR IS ENROUTE TO SCENE. Same as 0207823.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 246 **Spill Number: 0302986** **Close Date: 06/25/2003**
403 W. 48TH ST MANHATTAN, NY TT-Id: 520A-0091-432

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1715 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN | Spiller: WILL OCASIO | Spiller Phone: (347) 400-4404
Notifier Type: Affected Persons | Notifier Name: WILL OCASIO | Notifier Phone: (347) 400-4404
Caller Name: WILL OCASIO | Caller Agency: MAINTANCE MGR | Caller Phone: (347) 400-4404
DEC Investigator: MXTIPPLE | Contact for more spill info: WILL OCASIO | Contact Person Phone: (347) 400-4404

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/19/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states his building basement is filled with raw sewage and

it is running out to the street - several other buildings on the

block have the same problem

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"

Map Identification Number 247 **SERVICE BOX #10642** **Spill Number: 0212157** **Close Date: 05/05/2003**
360 W 55TH ST MANHATTAN, NY TT-Id: 520A-0091-412

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1722 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: ANDREW MORRIS
DEC Investigator: KMFOLEY

Spiller: UNKNOWN - UNKNOWN
Notifier Name: ANDREW MORRIS
Caller Agency: CON EDISON
Contact for more spill info: ANDREW MORRIS

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/11/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 gal oil on 4 gals of water in service box - clean up pending lab results

con ed #147472

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #147472:

On 3/11/03 at 11:29 S. Crissey # 88097 Underground supervisor reports that at 11:24 he had found what he believed to be a fuel oil in sevicebox -10642. This is located in front of 360 W. 55 st. He states that there is 1 gal. of fuel oil mixed with 4gal of water. He was there for open mains & working on acct # 12018. The cause & source are unknown. He hung a tag # 10616. Also he will be taking samples for PCB, ID & flashpoint. The chain of custody # AA-07079.

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA

Flash Point, PMCC > 170 deg F D93-00/EPA 1010

UPDATE:: 3/12/2003 @ 16:23 HRS

Clean Harbors reported @ 16:15 to Robert Pellegrino that the clean up is complete as of 15:00 HRS on 3/12. Neal McGowan of Clean Harbors stated that one(1)

drum of solid waste including lead solids and absorbent pads and PPE was removed. Approx 110 gallons of water and oil mix was removed. The structure was

triple-washed with citro-clean and hot pressurizd water. The Environmental tag was removed and Neal McGowan said that it was dropped off at W 28 St..

Map Identification Number 248 **Spill Number: 9914632** **Close Date: 10/17/2000**

11TH AVE/WEST 46TH ST MANHATTAN, NY TT-Id: 520A-0090-190

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1727 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	(212) 788-4060
Caller Name:	WAIMAN WONG	Caller Agency:	NYC DEP	Caller Phone:	(718) 595-4784
DEC Investigator:	SMSANGES	Contact for more spill info:	NYC DEP	Contact Person Phone:	(718) 595-4784

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/27/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	85.00	GALLONS	85.00	GALLONS	SOIL

Caller Remarks:

2 ABANDONED 55 GALLON DRUMS DISCOVERED AT ABOVE LOCATION. DRUMS

ARE ON WEST 46TH ST 100 FEET WEST OF 11TH AVE. ONE DRUM FULL

AND OTHER IS HALF FULL. CONTACT DEP FOR FUTHER INFO.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
removed by Milro Assoc.

Cross Ref with Spill #0001740 (another complaint for this drum)

Cross Ref to generic Drum Spill #9930008

PIN #01036

Map Identification Number 249 **BASEMENT** **Spill Number: 0208030** **Close Date: 12/27/2002**
364 W 51ST STREET MANHATTAN, NY TT-Id: 520A-0091-369

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1730 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	JUDY SCHOTWELL	Notifier Phone:	(212) 397-5944
Caller Name:	JUDY SCHOTWELL	Caller Agency:	CITIZEN	Caller Phone:	(212) 397-5944
DEC Investigator:	TJDEMEO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/01/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

large spill in basement of next door bldg - con edison employees advised caller to call epa and dec - caller is getting ill due to

the terrible odor

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
11/4/02 TJD

Citizen complaint regarding unreported spill at 364 W51st, manhattan. FDNY was at location 11/1/02 and spread absorbent. Demeo

on site 11/2, after interviewing complaintant and building tenants the managing agent was contacted (Big Apple) and the fuel delivery company was identified, Petro Oil. Roberet Carini (Oil manager - Petro Oil) was contacted and directed to return to location and clean spill which is estimated to be less than 10 gallons of #2 oil. Repeated calls from original complaintant led to subsequent site visit 11/3. A cleanup was performed but was not satisfactory. Strong petroleum vapors are reported to still exist. Surficial cleaning of stained concrete and sampling of soils or excavation of impacted soils without sampling is required (cracks in concrete are evident).

11/4/02 TJD

Demeo spoke with Bob Carini of Petro and notified him cleanup performed was not adequate. Petro has retained Milro Associates to perform remainder of Job. DeMeo spoke with Milro (Paul) and directed him to open concrete and remove contaminated soils and to a clean endpoint. Samples are required.

COPY ECO'S.

12/27/02 TJD

Report from Milro reviewed. All petroleum impacts from overfill have been remediated. Concrete landing excavated and petroleum impacted soil removed. Endpoint samples below TAGM. Spill closed.

Map Identification Number 250 **ROADWAY** **Spill Number: 0200884** **Close Date: 04/24/2002**
9TH AVE AND WEST 56TH ST MANHATTAN, NY TT-Id: 520A-0090-771

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1749 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 9TH AVE / WEST 56TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	MR CLIFF	Notifier Phone:	(212) 307-7006
Caller Name:	SABRINA LAMAR	Caller Agency:	DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	JXZHAO	Contact for more spill info:	SABRINA LAMAR	Contact Person Phone:	(718) 595-6777

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/23/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CITIZEN REPORTED THAT SPILL IS UNK OIL ALL OVER THE ROAD NEAR A PLAY GROUND.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO"
4/24/02 Zhao and Sangesland responded off hours to the site. A size of 2'* 8' liquid spill found by the edge of 56th street fire hydran area. Traces were also found on the sidewalk. The spill was tested by using absorbing pad and found no petroleum. It smelled like some kind of detergent with water base. It had white bubbles on the surface of spill. jz

Map Identification Number 251 **IN A MANHOLE** **Spill Number: 9808139** **Close Date: 11/05/2003**
12TH AV / 47TH ST MANHATTAN, NY TT-Id: 520A-0093-849

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 12TH AVE/ WEST 47TH ST
Revised zip code: 10036

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: FRANK MASSERIA
DEC Investigator: JHOCONNE
Spiller:
Notifier Name: MCQUEEN
Caller Agency: CON EDISON
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/02/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

2 gal of oil on top of 50 gal of water in manhole - REF CON ED #120252 - TREATING SPILL AS 50-499PPM OF PCB

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
E2MIS 120252

On October 2, 1998, C. Carrillo, 03309 was in manhole 61724, feeder M54/M55 during bulk sampling with ATC when he found approx.
50 gallons of water and 2

gallons of oil. All contained in manhole. Manhole was tagged, no 2730. Treating oil as 50-499ppm. No injuries or outside impact.
No sewer or waterway. Chem

Lab has been call to take samples. Called CIG spoke to F Masseria, 76972 at 12:19

Dept/Facility

SMALL OIL SPILL Con Edison Incident No. _120252_____

CLEANUP CHECKLIST NYSDEC Spill No. _98-08139_____

Name of person completing checklist: V TRAVIGLIA, SPLICER, 52045, H WATSON, SUPERVISOR, 10161

Con Edison Operating Department responsible for spill cleanup: TRANS OPS

(1) A small oil spill is a spill of oil containing less than 50 ppm PCBs that does not meet the criteria for a de minimis spill
and satisfies either of the following

conditions:

? It is totally contained in an impervious structure, such as a manhole, vault, or moat, or

? It meets all of the following criteria:

- No sewer or waterway is affected, and

- No private property is affected, and

- No personal injuries are involved, and

- Cleanup is completed within 72 hours of the spill discovery, and

- Less than 50 gallons of oil, petroleum product of any kind, or dielectric fluid is spilled.

(2) Material spilled/discovered:

0 Oil (type); PCB concentration: less than 50 ppm; known / unknown.

X Dielectric fluid; PCB concentration: less than 50 ppm; known / unknown.

If unknown PCB concentration, was sample collected? X Yes 0 No

Environmental Detailed Incident Report

(3) Sample submitted for analysis? X Yes Sample ID No. 98-10500 0 No

For what parameters? X PCB X Benzene 0 Other Parameters

Copy of chain of custody form attached? X Yes 0 No

(4) Amount spilled/discovered:2 GALLONS If leak/spill is continuing, rate N/A

(5) When was spill discovered? Date: 10/2/98 Time: 11:15

(6) Location of spill. (Be as precise as possible. Include cross streets, manhole numbers, equipment box numbers, etc., as appropriate.)

MH #61724

W 47TH ST & 12TH AVE.

0 Sketch attached

(7) Source/cause of spill. (Be as precise as possible. Include equipment numbers, if possible.)

X Unknown

(8) Description of area affected by spill (include dimensions as appropriate)

MH FLOOR

(9) Containment/Cleanup Activities (per GEI 2.11, 2.13, 2.16, 3.2, or 3.3) 0 Sketches attached.

0 Tightened valve.

0 Placed drip plan.

0 Sealed leak.

0 Blocked nearby sewers/drains with spill kits.

0 Removed/recovered liquid/solids.

0 Used absorbents to remove residual fluids.

0 Removed contaminated vegetation.

X Removed visible traces of oil.

X Washed stained areas.

0 Excavated contaminated soil, bluestone.

0 Other

0 See attached contractor report.

(10) Identify who performed cleanup:

0 Con Edison personnel/department?

0 Name of contractor CLEAN HARBORS

0 Contractor report attached.

(11) Cleanup completed on Date 10/4/98 Time* 0945

*Note: If the cleanup is completed more than 72 hours after the spill was discovered, the spill is a large oil spill.

(12) Con Edison personnel directing cleanup H WATSON JR., 10161

(TRAFFIC DEPT. STOPPED BY) FOR 10 MINUTES

WE NEEDED TO BLOCK TWO LINES OF TRAFFIC TO PUMP OUT 55 GALLONS OF WATER & OIL INTO TANKER.

ENTERED BY: E MCQUEEN,45223, 10/12/98

Map Identification Number 252 **MANHOLE #61724** **Spill Number: 0103164** **Close Date: 07/18/2003**
12TH AV & W 47TH ST NYC, NY TT-Id: 520A-0093-847

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 12TH AVE/ WEST 47TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR LEE	Notifier Phone:	
Caller Name:	SEAN MCKEEVER	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/22/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ON 4,000 GLS OF WATER. SPILL HAS NOT BEEN CLEANED UP. CLEAN UP PENDING TEST RESULTS. CON ED #137808.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis #137808:

@01:30 hrs B.Ciruzddi #02192 centrail gas survey found 20 gal of unknown substance,and 4000 gal of water in manhole 61724 while on rutine inspection.fdr m54 and m55 and reported to W.Lee #33243 mcc at 01:39 hrs.

Con Ed e2mis #137812:

Update 6-22-01 @ 10:06 As per lab sequence # 01-06777-001 pcbs <1ppm

20 GALLONS. NO LEAK FOUND. POSS LEAK COMING FROM S/WALL W/PIPE, BEING MONITORED. Removed/recovered liquid/solids. Removed visible traces of oil. Washed stained areas. Clean Harbors completed cleanup 6-22-01 2045hrs. No leak found.

Map Identification Number 253 **MAN HOLE #61724** **Spill Number: 0007440** **Close Date: 06/29/2004**
12TH AVE/ WEST 47TH ST MANHATTAN, NY TT-Id: 520A-0090-071

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	BILL MURPHY	Notifier Phone:	(212) 580-6763
Caller Name:	BILL MURPHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	OKWUOHA	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/25/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	40.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

con ed # 133572 materila on 2000 gallons of water in man hole spill confined to mahhole man hole contains 345kv oil filled feeder m-54 & m-55 clean up pending lab results

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 254 **MANHOLE # 58519** **Spill Number: 0607302** **Close Date: 12/21/2006**
11 AVENUE & WEST 59 STREET MANHATTAN, NY TT-Id: 520A-0098-325

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1757 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 59TH ST
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERTS - CON EDISON MH #58519	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	GDBREEN	Contact for more spill info:	ERTS	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/26/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

LEAKING FROM A JOINT UNKNOWN WHY: CONED # 202634- 1/4 GALLON

DEC Investigator Remarks:

12/21/06 - See e-docs for Con Ed report detailing cleanup and closure.

202634. see eDocs

Map Identification Number 255 **OPEN EXCAVATION** **Spill Number: 0507967** **Close Date: 12/01/2005**
WEST END AVE AT 59 ST MANHATTAN, NY TT-Id: 520A-0093-865

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1757 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 11TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	MORAN,JOHN	Notifier Phone:	(212) 580-6763
Caller Name:	CHRIS HAYNES	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK‘	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/03/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1/2 gal of dielectric fluid. drip rate of 1/2 gal per hour. spill source is feeder #38 mikes or 38 mikes 74 spilled onto soil. clean-up is in progress. con ed ref # 161354.

DEC Investigator Remarks:

161354. 10-3-05 @ 22:20. S Callinan # 57798 reports that while digging an excavation on the e/s west end av 20' n/o w 59 st, he discovered that 1/2 gallon of transmission feeder fluid had leaked from a feeder (either 38m73 or 38 m 74) into the soil of the excavation. There was or is no smoke or fire involved. No sewer or waterway affected. No injuries and weather had no affect. There is a drip rate of 1/2 gallon per hour. No private property affected. Access anytime. S Callinan # 57798 has called Transmisiion Operations to respond to the leak and is utilizing a contractor on location to excavate the affected soil. J Moran # 01182.

Update 10/24/05. A clamp was installed on the midnight shift and a repair barrel was installed on 10/4/05. All visibly contaminated soils were removed by All State Power vac
under the direction of CCI L. Crilley. DF fluid loss estimated between 1/2 and 1 gallon. All soil down to a series of concrete ducts and gas main was removed. No post samples were taken for this reason. This was confirmed by M&CS CCI John Terlecki. See email below.
-----Original Message-----
From: Terlecki, John C
Sent: Tuesday, October 25, 2005 6:38 AM
To: Pillig, Michael E.
Cc: Schaefer, Vernon; Beccalori, Stephen; Browne, Joseph; Crilley, Lawrence III
Subject: RE: W59th- 11th Av
Mike- as discussed all efforts listed below have been done , the ducts and 20"gas main prohibit sampling beneath the leak, the leak itself was barely visible.
We will be restoring the area by Wednesday night. Thanks- JT

-----Original Message-----
From: Pillig, Michael E.

Sent: Monday, October 24, 2005 7:11 AM
To: Terlecki, John C
Cc: Schaefer, Vernon; Beccalori, Stephen; Browne, Joseph; Crilley, Lawrence III
Subject: RE: W59th- 11th Av
John,
Please call me on my cell phone prior to restoration. My understanding is that the area below the leak location contained a series of concrete ducts that we would be unable extract soil samples. I know that we removed whatever contaminated soils there were and then powerwashed the ducts. If this is the case then we could restore. If not, we should arrange for some verification sampling. I'd like to talk to you in any event prior to restoration. Thanks. (347) 386 - 5506
Entered by:
M. Pillig, 86856, 10/24/05

Closed. 12-1-05. see eDocs. GB

Map Identification Number 256 **SUMP AT 59TH ST AND 11TH** **Spill Number: 0311347** **Close Date: 02/08/2005**
SUMP AT 59TH ST AND 11TH MANHATTAN, NY TT-Id: 520A-0090-248

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1757 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 11TH AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: RICHARD MOHLENHOSS
DEC Investigator: TJDEMEO

Spiller:
Notifier Name: RICHARD MOHLENHOSS
Caller Agency: AMTRACK
Contact for more spill info: ED ZELASKO

Spiller Phone:
Notifier Phone: (212) 630-6215
Caller Phone: (212) 630-6215
Contact Person Phone: (212) 630-7210

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/07/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

THEY DISCOVERED SOME KIND OF UNKNOWN MATERIAL IN THE SUMP. THEY THINK IT MIGHT BE TRANSMISSION FLUID BUT HE ISNT SURE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO".

2/8/05 TJD
Material was found to be boiler tube cleaner, not petroleum. No further action required. Spill closed.

Map Identification Number 257 **BTWN 45TH & 46TH ST** **Spill Number: 9614420** **Close Date: 03/17/2003**
520 W 46TH ST MANHATTAN, NY TT-Id: 520A-0098-245

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1787 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:	RICHARD MOHLENHOFF	Notifier Phone:	(212) 630-6215
Caller Name:	JOSEPH MANNEY	Caller Agency:	GRAYLINE BUS CO.	Caller Phone:	(212) 757-7712
DEC Investigator:	TOMASELLO	Contact for more spill info:	STEVEN FEINBERG	Contact Person Phone:	(212) 757-7712

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/12/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

APPROX LEAK OF 1 GAL/HR. UNKNOWN UNDERGROUND LEAK, VENDOR IS TRYING TO TRACK DOWN LEAK. PRESSURE TEST SCHEDULED FOR TOMORROW.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 258 **COACH USA/AMTRAK TUNNEL** **Spill Number: 0206549** **Close Date: 06/29/2009**
520 WEST 46TH STREET MANHATTAN, NY TT-Id: 520A-0098-246

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1787 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	RICHARD VIHONSKI - COACH USA	Spiller Phone:	(201) 225-7557
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	RICHARD MOHLENHOFF	Caller Agency:	AMTRACK	Caller Phone:	(212) 630-6215
DEC Investigator:	AAOBLIGA	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/24/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

oil on callers property from unk source.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"

SEE ALSO SPILL # 0330069

9/24/02 TJD

Diesel fuel leaking from tunnel wall from an unknown source. Location of leak is western tunnel wall beneath 45th street between 10th and 11th Ave. Demeo has site meeting 9/25 to investigate spotential source.

9/26/02 TJD

Demeo inspected site with Patrick Teeter (Amtrack). Inspection consisted of accessing tracks at 38th Street and walking along track to impacted area north of 45th street. Track Bed is approximately 25 feet below street level. Oil was observed dripping

slowly from bedrock fractures along west wall. Oil suspected to be either diesel or #2 Oil is running down from rock fracture along rock face and accumulating both on ground surface and in debris lying along the track bed. The petroleum is also impacting a catch basin adjacent to track with an unknown discharge point.

Two buildings along 45th Street were inspected as potential sources. The first a bus Company (PBS 2-602720) has (2) Diesel UST's. The second an apartment building (PBS 2-605827) has (1)

#2 Oil UST. No obvious sign of a problem at either location and no other obvious sources in immediate vicinity of spill. Both above facilites sent letters requiring owners to test tanks. Awaiting results.

5/8/03 TJD

Bus Garage passed tank test. Apt. Bldg failed test. See also spill 0206999.

4/15/04 TJD

Investigation of the apartment building UST revealed they were not the source of the petroleum disharge which is impacting the Amtrak ROW. Upon completion of the investigation of 525 West 45th Street, DEC again contacted the Bus Garage (Coach USA) to inform their management additional investigation of their property was necessary. Coach USA was given the option of performing the necessary investigation with their contractor of choice or allowing a state contractor access to the property to conduct an investigation on DEC's behalf. Coach USA decided to perform the investigation themselves.

Coach USA retained the services of Bristol Contracting to perform the required investigation. The initial investigation by Bristol revealed a loose pipe fitting at the bottom of the remote fill spill bucket. The two UST's at the bus garage were filled via a single remote fill. The remote fill was directly connected to the 2000 gal UST, a crossover line was connected to the 4000 gal UST. This design created significant backpressure during deliveries. Excavation in the vicinity of the remote fill revealed a large volume of contaminated soils. The contaminated soils extended to the south & east beneath the driveway area.

Upon excavation of approximately 50 cubic yards of contaminated soils down to bedrock, several fractures were identified as suspected pathways for the product to migrate to the railway cut where diesel fuel was leaching out of the rockface and accumulating along the Amtrak Right Of Way. The connection between the bedrock fractures and the impact area was confirmed by several dye tests.

Upon confirmation of the hydraulic connection, Coach USA was informed that the Department rrequires them to remediate all petroleum contamination both on their property and off-site on the Amtrak property. A field meeting with all involved parties was held on April 1, 2004.

A new spill (0330069) was reported following discovery of the contaminated soils beneath the remote fill on 2/23/04.

A letter of responsibility, Stipulation Agreement and a corrective action plan was mailed to Coach USA on 4/15/04.

2/23/05 - Austin - Project reassigned from DeMeo to Tipple

8/23/05 - Raphael Ketani. Case transferred to Jeff Vought.

9/19/06 - Obligado - Site site was left off the original list of sites to be transferred to Obligado from Vought. Transfer from Vought to Obligado. Was previously researching case under a different spill number 0207355. Closed that spill number and consolidated with this open spill number 0206549.

04/30/07-Vought-After review of notes above including fact that Coach USA was the source as owner of remote fill that was the source of the spill, Coach entered a Stipulation Agreement under spill #0330069 this PIN closed and case referred back to DEC Obligado who reopened spill #0330069. DEC Vought, DEC Obligado, DEC Piper and DEC Urda had meeting and DEC Urda will not close case referral originally submitted by DEC Demeo until follow up is received from Obligado. Spill closed by Vought.

10/01/07-Vought-Recevied notice from AGs office that Coach payed NYS amount of 2999.86 for cost of cleanup. Costs were possibly low as per DEC Austin. Vought called DEC Demeo as per Austin to confer that only 2999.86 was incurred by state.

11/27/07 - Obligado - After review of the file, this spill should be reopened because Coach USA has not provided documentation that remediation of the Amtrack right of way has been performed as per September 23, 2004 letter from Tim Demeo to Richard Vihonski. This spill number is also listed on the Stipulation Agreement, which Coach signed and agreed to remediate both spill numbers 0206549 and 0330069. This spill number is reopened.

I called Richard Vihonski (201)225-7557 to get an update on Demeo's requirements. Left message to call back the DEC.

11/30/07 - Obligado - Called Mr. Vihonski again. Left a message.

12/12/07 - Obligado - Have not heard from Mr. Vihonski. Called again and left a message to call back DEC. As Mr. Vihonski has not been returning my calls I trided calling the Coach President - George Greeve 201)529-3666 (ext 1306). I left a message to call back the DEC.

George Greeves called me back shortly after. I discussed with him the 2 spill numbers and the September 23, 2004 letter from DEC DeMeo. He asked me to fax the letter to him and he would contact the appropriate person. I faxed him the letter.

2/27/08 - Obligado - Received a voice mail from Mr. Greeves. He was following up on our previous conversation. He inquired if Mr. Vilhonski had taken care of our requirements

3/3/08 - Obligado - Called back Mr. Greeve. I left message saying the DEC requirements have not been met.

3/26/08 - Obligado - Had meeting with Richard Vilhonski (Coach USA), Jinesh Sheth (Bristol Contracting), and Dennis Occonner (Bristol Contracting). According to Richard, a package was submitted to the DEC in response to the September 23, 2004 letter. This was submitted to Michelle Tipple after Tim DeMeo left. They said the package addressed most of these comments in the letter and they will resubmit it to me within 4 weeks.

8/19/08 - Obligado - Email from Jinesh. They will submit the report via cd.

10/22/08 - Obligado - AFter review of report emailed Jinesh with following comments:

"Please submit a revised and scaled Figure 2 Site Map that shows all of the following:

- Entire layout of property between West 45th and 46th St, including adjacent Amtrak property.
- Location of existing USTs, dispensers, lines, and fills ports.
- Location of former abandoned/removed USTs
- Boring/Monitoring Well locations
- location/extent of surface spill on Amtrak property
- Any other pertinent information

Please also revise Figure 3 and Figure 4 so that the initial/final extents of excavation and soil sampling locations are overlaid on the new site map.
Thank you. Please revise the figures and resubmit them to me as pdf files via email within 30 days. Please call me if you wish to discuss this matter."

3/26/09 - Obligado - Still have not received revised maps. Sent email to Jinesh requiring maps within 15 days or case would be referred to legal for enforcement.

6/10/09 - Obligado - Reviewed revised Maps submitted by Jinesh on 4/20/09. The maps address the above comments. After review of all documentation I called Jinesh for some follow up questions. 1) Where does the drain pipe on the amtrak property go? According to Dennis Occonor who was also on the call, those pipes were damaged and not functional. 2) Did they broom sweep and inspect the bedrock on the amtrak property for fractures or possible conduits, as they had done on the Coach USA property. They said they did and they did not find any fractures or conduits through which the product could have traveled. The bedrock was previously blasted out in order to build the tunnel and it acted as a basin to trap the product. 3) Are there walls or foundations north and west of the remote fill that would have prevented migration in those directions. According to Jinesh, yest there were building foundations to the west and north down to bedrock that prevented the movement of product in those directions. They also opened up the tank area to inspect and retrofit tanks and lines. They did not see any signs of leakage and they found no evidence of contamination. 4) Finally, I asked Jinesh to provide a photograph of the amtrak outcrop to show there is no more leakage.

6/29/09 - Obligado - Received photodocumentation of clean outcrop. AFter discussion with DEC Tibbe, sent No Further Action letter to Coach USA, cc to Jinesh.

Map Identification Number 259 **524 W. 46TH STREET** **Spill Number: 9506999** **Close Date: 09/08/1995**
524 W. 46TH STREET MANHATTAN, NY TT-Id: 520A-0096-216

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1796 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	SAME	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	LORRAINE JAMES	Caller Agency:	NYC DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	KSTANG	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/06/1995	09/08/1995	UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILLS OF OIL ON SIDEWALK ON WEDNESDAY, FD & PD ON SCENE - ALL CLEANED UP - NO FOLLOW UP NEEDED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

Map Identification Number 260 **59TH ST GERERATING** **Spill Number: 9913268** **Close Date: 03/24/2004**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-818

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CALLER - CON ED	Spiller Phone:	(212) 580-6763
Notifier Type:	Affected Persons	Notifier Name:	MR CLARKE	Notifier Phone:	(212) 315-6771
Caller Name:	BRIAN JOYCE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/23/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

retire feeded cables leaking.clean up pending results 130085

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis 130085

0905, 2/23/00 - Small amount of unknown dielectric oil found on concrete floor of station basement. Estimated quantity less than 1 fluid ounces. Retired feeder cable directly above spill with open end cut showed evidence of dielectric oil leeching out of cable. Further inspection of area showed second cable in same

condition with small spill of unknown oil on concrete floor below. Amount again estimated at less than 1 ounces. No oil entered any waterways, sewers or trenches.

Samples to be taken of fluid for analysis. Station could not collect sufficient quantity to determine PCB content. Oil spill to be treated as possible PCBs for cleanup.

Vendor called in to perform clean up. Vendor Clean Harbors completed cleanup at 2000 hours. The transformers the cables were connected to were removed from service over 15 years ago and the cable ends left cut. Over time a small amount of dielectric

oil leaked from the cut ends. The ends of the cables were now capped to prevent fluid spills.

Map Identification Number 261 **59TH STREET GEN STATION** **Spill Number: 9811220** **Close Date: 04/21/2010**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-824

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: MIKE CESARE
DEC Investigator: RWAUSTIN

Spiller: CON EDISON
Notifier Name: MISCIONE
Caller Agency: CON EDISON
Contact for more spill info: MIKE CESARE

Spiller Phone: (212) 580-6763
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/07/1998		UNKNOWN	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

.36 MICROGRAMS PER LITER - EXCEEDED SPEDIES PERMIT - CASE #121764

DEC Investigator Remarks:

3/30/05 - Austin - Originally assigned to "Toumari" - transferrd to Jane O'Connell as an open Con Ed report - end

4/21/10 - Austin - Con Ed filed for closure of this spill, citing lab error leading to eleveated PCB reading for barge discharge - see eDocs for more info - closed - end

Map Identification Number 262 **59 ST GENERATER STATION** **Spill Number: 9810568** **Close Date: 10/31/2002**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-823

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: TONY CONSTANTINE
DEC Investigator: JHOCONNE
Spiller: CON ED
Notifier Name: MR DAVIS
Caller Agency: CON EDISON
Contact for more spill info: TONY CONSTANTINE
Spiller Phone:
Notifier Phone: (212) 580-6764
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/20/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FOUND 1 OZ OF OIL IN BASEMENT. CLEAN UP PENDING ARRIVAL OF A VENDER. CON ED 121-404.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 263 **GENERATING STATION** **Spill Number: 9808772** **Close Date: 03/20/2008**
WEST 59TH ST & 11TH AVE NEW YORK, NY TT-Id: 520A-0099-858

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERNIE ROWLAND - CON EDISON Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party Notifier Name: MR. ROBERTSON Notifier Phone: (212) 580-6763
Caller Name: ERNIE ROWLAND Caller Agency: CON EDISON Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/14/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CON EDISON #120513 INVESTIGATION PENDING SAMPLE RESULTS FROM OILY WATER SEPARATER.

DEC Investigator Remarks:

03/20/08 - See eDocs for Con Ed report detailing cleanup and closure.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 264 **59TH ST GENERATING STATIO** **Spill Number: 9808043** **Close Date: 11/05/2003**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-827

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR MISCONE	Notifier Phone:	(212) 580-6764
Caller Name:	RICHARD ROACH	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6764
DEC Investigator:	JHOCONNE	Contact for more spill info:	RICHARD ROACH	Contact Person Phone:	(212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/30/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

FOUND OIL IN THE PARKING LOT & CON ED CLEANED IT UP W/ 1 OIL PAD

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
E2MIS 120189

AT 1550 HR, AT THE HP PARKING AREA, A 1 OZ SPILL OF HYDRAULIC FLUID WAS DISCOVERED. THE FLUID WAS ON A CONCRETE SURFACE AND

CLEANED UP IN APPROX. 15 MINUTES. NO FLUID ENTERED THE TRENCH SYSTEM. CIG,R.ROACH NOTIFIED FOR SPILL.

SAMPLE PROFILE TAKEN SHOWED HYDRAULIC TYPE LIQUID WITH NO HAZARDOUS WASTE CHARACTERISTICS. SOURCE WAS NEVER

DISCOVERED.

Map Identification Number 265 **CON EDISON CHAMBER** **Spill Number: 9801578** **Close Date: 07/27/1998**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-828

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	RICARDO FREYRE	Notifier Phone:	(718) 595-6777
Caller Name:	RICARDO FREYRE	Caller Agency:	NYS DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	CAENGELH	Contact for more spill info:	KIM HANNA	Contact Person Phone:	(718) 595-4646

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/06/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDROGEN SULFIDE	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

ODOR OF GAS FROM HYDROGEN SULFIDE DETECTED IN CON-ED CHAMBER.

STILL UNDER INVESTIGATION

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 266 **EAST 59TH ST GEN. STATION** **Spill Number: 9711802** **Close Date: 01/23/1998**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-744

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	TIM SOILCH - CON EDISON	Spiller Phone:	(212) 580-6764
Notifier Type:	Responsible Party	Notifier Name:	KOLLAN, MR.	Notifier Phone:	(212) 580-6763
Caller Name:	MIKE CEASER	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:	MIKE CEASER	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/21/1998		OTHER	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

speedy's violantion - loss of salt water cooling pump at heat

exchanger resulting in loss of salt water flow necessary to dilute

oily water seperator condensate discharge -

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Referred to Brian Mitchell - Water Unit.

Map Identification Number 267 **59TH STREET STATION** **Spill Number: 9711269** **Close Date: 01/07/1998**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-745

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: RICHARD ROACH - CON EDISON | Spiller Phone: (212) 580-6764
Notifier Type: Responsible Party | Notifier Name: MR ROBINSON | Notifier Phone: (212) 580-6764
Caller Name: RICHARD ROACH | Caller Agency: CON ED | Caller Phone: (212) 580-6764
DEC Investigator: JHOCONNE | Contact for more spill info: RICHARD ROACH | Contact Person Phone: (212) 580-6764

Category: Investigation indicates there was no spill.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/07/1998		OTHER	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

spds permit violation exceedence.no spill

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
COPY TO SPDES

Map Identification Number 268 **59TH ST GENERATING STATIO** **Spill Number: 9702712** **Close Date: 07/13/2005**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-786

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: TIM SOILCH - CON EDISON | Spiller Phone: (212) 580-6764
Notifier Type: Responsible Party | Notifier Name: MR BRENNAN | Notifier Phone: (212) 580-6763
Caller Name: FRANK MASSERIA | Caller Agency: CON ED | Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE | Contact for more spill info: RICHARD ROACH | Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/03/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MERCURY	HAZARDOUS MATERIAL	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

6 OUNCE SPILL OF MERCURY LAYING ON TOP OF OF OLD STEAMFLOW METER UNKNOWN CAUSE SPILL CONTAINED AND CLEANUP SCHEDULED FOR 06/04/97 AREA HAS BEEN SEALED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

@ 12:12 HRS A.TIAO REPORTED FINDING A MERCURY SPILL BEHIND THE H.P. PLANT CONTROL ROOM PANEL. IT LOOKS TO BE AN OLD SPILL FROM A RETIRED STEAM FLOW METER. I ESTIMATED APPROXIMATELY 6 OZS. IN THE AREA. WE LOCKED THE CONTROL ROOM DOORS TO DENY ACCESS TO ALL PERSONNEL.THE ASTORIA CHEMICAL LAB. WAS NOTIFIED OF THE SPILL AND WILL REPORT TO WEST 59 ST. FOR THE CLEAN UP ON 6-4-97.@ 12:57 NOTIFIED CIG MR. MASSERIA OF THE INCIDENT.AT 12: 00 HRS. ON 6-04-97 THE CHEM LAB PERSONNEL COMPLETED THE CLEAN UP OF MERCURY IN THE HP CONTROL ROOM. THE MERCURY VAPOR READING IN THE CONTROL ROOM IS .015 AND SHOULD ONLY BE ENTERED WITH RESPIRATOR PROTECTION. THE CONTROL ROOM DOOR HAS BEEN RE- LOCKED TO PREVENT ACCESS BY ALL PERSONNEL. REG #992-7-0022-000 ISSUED BY STATION TO REMOVE RETIRED MERCURY METERS FROM STATION. THE CONTROL ROOM HAD BEEN CLOSED FOR 7 YEARS.
THIS INCIDENT WAS REOPENED ON 9/23/99. WHILE PLANNING THE REMOVAL OF THE HP CNTL ROOM AND ASSOCIATED EQUIPMENT, ADDITIONAL FREE MERCURY WAS DISCOVERED AROUND THE METERING EQUIPMENT AND THE FLOOR BELOW. THE CONTROL ROOM AREA HAD BEEN OPENED AND WELL VENTILATED ON 9/16 FOR THAT REMOVAL PLANNING. PREVIOUS AIR MONITORING BY CHEM LAB HAD INDICATED READINGS WELL BELOW THE '.1 MG/CU METER' PEL.. THE AFFECTED AREAS WERE ROPED OFF FOR CHEM LAB CLEANUP.
STATION EHS AND OUR 'EI' GROUP DECIDED THAT THIS NEW MERCURY FINDING WAS NOT ANOTHER SPILL FROM THE SAME EQUIPMENT, BUT PREVIOUSLY SPILLED MATERIAL THAT WAS NOT VISIBLE DURING 1997. THE SUSPECT MERCURY CONTAINING EQUIPMENT DID NOT INDICATE ADDITIONAL LEAKAGE.
ASTORIA CHEM LAB PERFORMED CLEANUP ON 9/20 AND 9/21. THE FINAL READING WAS LESS THAN 0.01 MG/CU METER HG. THEY CONFIRMED STATION DECISION TO OPEN PREVIOUS INCIDENT. NEW FREE MERCURY DISCOVERED (SEVERAL OUNCES) DID NOT BRING THE TOTAL TO ONE POUND (RQ). SUSPECT EQUIPMENT WILL BE REMOVED AND DISPOSED OF ENTIRELY AS MERCURY CONTAMINATED. WORKERS INVOLVED WILL DON PROPER PPE AND HAVE GEI/MERCURY AWARENESS TRAINING. THIS INCIDENT REPORT WILL BE KEPT OPEN TO ADDRESS ANY NEW DISCOVERIES DURING THE HP REMOVAL

Update 5/17/04:
The spills noted in 1997 and 1999 were cleaned up by the ChemLab. EI's were asked to check their logbooks for further evidence of spill related activity. There were no entries for spill related activities. The demolition of the HP Control Room was completed in August of 2000. And there is no further documentation on this incident. It is being entered as closed.

Map Identification Number 269 **850 12TH AVE** **Spill Number: 9702314** **Close Date: 10/30/2008**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-785

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	VESSEL	Spiller:	TIM SOILCH - CON EDISON	Spiller Phone:	(212) 580-6764
Notifier Type:	Responsible Party	Notifier Name:	MR ROBINSON	Notifier Phone:	(914) 925-6205
Caller Name:	STEVE ROMERO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JMKRIMGO	Contact for more spill info:	RICHARD ROACH	Contact Person Phone:	(212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/23/1997		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

CLEANUP IN PROGRESS-POSSIBLE TANK OVERLOAD-CONTAINED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

10/30/2008. J.Krimgold reviewed info presented by Con Ed. There are no historic data in Con Ed records. However, caller in his remarks indicated that "CLEANUP IN PROGRESS-POSSIBLE TANK OVERLOAD-CONTAINED". Concidering amount spilled of ~1 gal case closed. NFA.

Map Identification Number 270 **59TH ST GENERATION STA** **Spill Number: 9701900** **Close Date: 05/14/1997**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-782

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	MR CLARK	Notifier Phone:	
Caller Name:	STEVE ROMERO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:	STEVE ROMERO	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/13/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
XYLENE (MIXED)	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

WATER FROM PLANT IS DISCHARGING INTO HUDSON RIVER WITH 199 PARTS PER BILLION WHICH IS ABOVE ALLOWABLE LIMIT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Refer to SPDES.

5/13/97: ERT Piszczatowski - shift supervisors phone is (212) 315-6759. Took samples from Con Ed 3 barge oil/water separator on 5/1. Results yesterday 199 ppb (100 ppb is limit).

5/14/97: ERT Piszczatowski - spill from F.O. barge - emergency SPDES permit sample taken after first day of operation - took samples before separator. Results pending. Believe xylene is from painting coating on inside of new separator.

Map Identification Number 271 **59TH ST GENERATING STATIO** **Spill Number: 9613529** **Close Date: 06/08/1998**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-783

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	RICHARD ROACH - CON EDISON	Spiller Phone:	(212) 580-6764
Notifier Type:	Responsible Party	Notifier Name:	MR DAVIS	Notifier Phone:	(212) 580-6764
Caller Name:	RICHARD ROACH	Caller Agency:	CON ED	Caller Phone:	(212) 580-6764
DEC Investigator:	JHOCONNE	Contact for more spill info:	RICHARD ROACH	Contact Person Phone:	(212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/18/1997		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ASBESTOS	HAZARDOUS MATERIAL	2.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

PIPE FELL OVER - MATERIAL IS BELIEVED TO BE ASBESTOS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
2/18/97 (Katz notes): Mr. Aldos - negative for asbestos.

Map Identification Number 272 **59TH ST GENERATING STA** **Spill Number: 9613195** **Close Date: 06/08/1998**
850 12TH AVE (DOCK AREA) MANHATTAN, NY TT-Id: 520A-0099-830

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	TIM SOILCH - CON EDISON	Spiller Phone:	(212) 580-6764
Notifier Type:	Responsible Party	Notifier Name:	MR SOLNER	Notifier Phone:	(212) 580-6763
Caller Name:	STEPHEN ROMERO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	STEPHEN ROMERO	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/06/1997		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

WHILE PICKING UP AN OLD FUEL HOSE OIL SPILLED ONTO GROUND

APPROX 4 OUNCES WENT IN TO HUDSON-CONTRACTOR BEING SENT TO SITE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
E2MIS 104237

ON 14-FEB-1997 AT 12:35 L. SANCHEZ FROM ASTORIA TRANSPORTATION REPORTS OIL SPILL AT 61 AVE & MARATHON PKWY. APP. 50 GAL. OF

NEW DIELECTRIC TRANSFORMER OIL IN VS 8078,OILWAS PUMPED INTO STORM SEWER AT 251 PL. & 61 AVE.BY I&A . OIL RAN DOWN CURB LINE

I&A INSTALLED PADS AROUND SEWER AND CLEANING UP AREA ,ALSO STAINS ON SIDEWALK STORM SEWER OPP. 249-39 61 AVE WAS

PLUGGED UP NO OIL ENTERED THAT SEWER. DRISCOLL 22254=====C.I.G. ROACH NOTIFIED AT 12:38 ON 14-FEB-97

TANKER DRIVER IS SHANNON#53339 TANKER SUPV IS KALABER#46717

2-14-97 1510HRS .. V.MARCHON

I&A MANAGER REPORTS THAT SPILL WAS THE RESULT OF A FAULTY AUTO SHUT VALVE ON THE TANKER TRUCK. THE TRUCKS DRIVER HAD

SET THE AUTO SHUT OFF FOR 185 GALS,

KNOWING THAT THE TRANSFORMER HELD 210GALS. WHEN HE NOTICED THAT THE GAUGE WAS AT 260GALS HE IMMEDIATELY SHUT OFF THE

TRUCK PUMP. 50 GALS OF OIL OVERFLOWED FROM THE UNIT. AT THE TIME I%A HAD A PUMP IN THE STRUCTURE TO KEEP THE WATER DOWN .

THIS RESULTED IN ABOUT 15 GALS OF OIL BEING PUMPED OUT OF THE SRUCTURE AND ONTO THE STREET. ABOUT 35 GALS OF OIL REMAINED IN THE STRUCTURE. THE OIL PUMPED UP ONTO THE STREET ENTERED A STORM DRAIN OPP 249-45 61AV. IT

BYPASSED THE DRAIN OPP 39 BECAUSE IT WAS PACKED TO THE TOP WITH MUD.

D.E.P. AND RON JAMES OF CONED QNS ENVIRONMENTAL ON LOCATION AS WELL A CLEANUP CREWS. CLEANUP IS IN PROGRESS.

DOUG ADAMS OF THE U.S.C.G. CALLED THE CONTROL CENTER AND SPOKE TO L.NICASTRO, SHIFT MANAGER REGARDING DETAILS OF THE

SPILL.

NOTE... THIS WAS NON-PCB DIELECTRIC TRANSFORMER OIL. A SAMPLE WAS TAKEN TO THE ASTORIA CHEM LAB.

1710HRS- 2/14/97

R.SALADINO OF THE FLUSH OPS REPORTS WASHED AREA WITH SLICKS, OIL & WATER PICKED UP BY TANKER. CATCH BASIN WAS ALSO CLEANED OUT.. U.S.C.G., NYC D.E.P., CONED CENTRAL ENVIRONMENTAL AND CONED QNS DIV ENVIRONMENTAL WERE ALL ON LOCATION. SITE

CLEANUP IS COMPLETE.

UPDATE---UPDATE---UPDATE-------

R.RICE I&A SUPV OF JOB REPORTS THAT THE FOLLOWING

PEOPLE WERE ON SITE.

D.E.P.--AL GORDEN AND CARLOS TWANO ARRIVED 1500HRS

USCG--ANTHONY BUCK AND DOUG ADAMS. ARRIVED 1635HRS

14ST ENV AFFAIRS--GLEN NEWEL

ARRIVED 1445HRS.

MR.RICE ALSO REPORTS THAT WHEN CLEANUP WAS COMPLETE MR.ADAMS AND MR.NEWEL WENT TO ALLEY POND CREEK TO SEE IF ANY OIL

HAD ENTERED THE WATERWAY.

V.Gambino, e.n.71836 resolves incident after discussing incident with Ron James who had been on site. All spill sites have been

cleaned, all notifications were made. 17-Mar-1997.

Map Identification Number 273 **59TH ST GENERATING STAT** **Spill Number: 9609752** **Close Date: 11/05/1996**
11TH AVE MANHATTAN, NY TT-Id: 520A-0099-780

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	MR BRENNAN	Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	CON ED	Caller Phone:	(212) 580-6764
DEC Investigator:	CAENGELH	Contact for more spill info:	RICHARD ROACH	Contact Person Phone:	(212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/05/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

caller was notified of a sheen in the river

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
11/5/96, 1155 hrs: Skip Emory, Con Ed - USCG reported that they know sheen source and it is confidential. Con ed has called their spill response team.

11/5/96, 1200 hrs: USCG Tony Buck - said that ferry boat in New Jersey overfilled 30 gallons this morning - is causing sheen up and down Husdon. He has been in contact with Chris Tomasello.

Map Identification Number 274 **59 TH STREET STATION** **Spill Number: 9606539** **Close Date: 08/21/1996**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-779

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	TIM SOILCH - CON EDISON	Spiller Phone:	(212) 580-6764
Notifier Type:	Affected Persons	Notifier Name:	MR SOLDNER	Notifier Phone:	(212) 315-6759
Caller Name:	PRIMEGGIA	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	KATZ	Contact for more spill info:	CALLER	Contact Person Phone:	(212) 580-6763

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/21/1996		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
FOAM	OTHER	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

con ed doing annual fire test and released foam into river con ed

did have variance for test but for another date

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 275 **59TH ST SUB STATION** **Spill Number: 9604134** **Close Date: 06/26/1996**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-762

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR SOLDNER	Notifier Phone:	(212) 315-6759
Caller Name:	RICHARD ROACH	Caller Agency:	CON ED	Caller Phone:	(212) 580-6764
DEC Investigator:	SMMARTIN	Contact for more spill info:	MR SOLDNER	Contact Person Phone:	(212) 315-6759

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/26/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

UNKNOWN YELLOWISH SUBSTANCE IN RIVER OUTSIDE CON ED'S CONTAINMENT BOOMS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
6/26/96, Martinkat notes: Spoke to Mr. Soldner, Con Ed - yellow/orange color, consistency of olive oil, smells like gasoline. They have #6 oil on the site so they don't know where it is coming from. It is contained inside their boom (nothing is outside). They picked up what they could. Con Ed contacted a 1-hr. response company with a small boat to go in and clean up the rest. Con Ed took a sample for analysis.

Called USCG, confirmed information. Team was out. Con Ed not the spiller but taking responsibility for clean up.

Map Identification Number 276 **59TH ST GEN STATION** **Spill Number: 9505836** **Close Date: 06/13/2006**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-760

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	MR DEVOTI	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/11/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

EMPLOYEES DISCOVERED RESIDUAL UNKNOWN PRODUCT IN THE TUNNEL - DOESN'T APPEAR TO BE GOING ANYWHERE AT THIS TIME - NO CLEAN UP AT PRESENT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
8/25/95: 60-day letter from Con Ed to USEPA. States that 25 gallons of oil was found in abandoned intake tunnel on the 58th St side of the plant during an inspection of the tunnel. No oil entered the river, because it was blocked in the tunnel by a mud and silt dam at the mouth of the tunnel. A contractor was brought to the site to clean the tunnel. It was determined that the oil is old lube oil and dielectric fluid. Since the initial cleaning, oil has reappeared in the tunnel and was removed by a contractor. The mud and silt dam at the mouth of the tunnel effectively prevents any discharge into the river. The source of the oil has not yet been determined. (JHO, 3/12/03)

SPILL REASSIGNED FROM O'CONNELL TO RODRIGUEZ. (JHO, 3/12/03)

the following letter was sent on july 21, 2003

July 21, 2003

Nelayne Rios
Environmental, Health, and Safety Manager, West 59th Street Generating Station
Consolidated Edison, Inc.
850 12th Avenue
New York, NY 10019

RE: Spill # 9505836. Intake Tunnel Investigation Request

Dear Ms. Rios:

This letter pertains to a 25-gallon petroleum spill found in the 59th Street Generating Station intake structure on August 11, 1995. Con Edison cleaned the spill according to a 60-day letter sent by Con Edison to the Environmental Protection Agency. The letter was dated August 25, 1995. Con Edison never identified the source of the spill.

The Department has data from the vicinity of the station showing the presence of petroleum in the ground. Due to proximity to the station, the Department has reason to believe that oil is seeping into the intake structure.

The Department requests that Con Edison inspect the intake tunnel to find if there is oil present. In the event that the presence of oil is confirmed in the intake structure, a more extensive investigation will be further warranted.

Please notify the Department the inspection date so that we can observe it. If you have any questions, please contact me at 718-482-4007.

Sincerely,
/s/
Abraham E. Rodriguez
Environmental Engineer 1

SPILL RE-ASSIGNED BACK TO O'CONNELL

5/11/06: e-mail to Dan Barry, Env. Manager for 59th St station, requesting update on status and schedule to inspect the tunnel if it has not been done yet. (JHO)

6/13/06: following inspections by Dan Barry's staff, cleanup was completed. See e-docs for closure documentation. (JHO)

Map Identification Number 277 **59TH ST GENERATING STA** **Spill Number: 9504658** **Close Date: 03/12/2003**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-768

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	TIM SOLIHC	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/18/1995		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

OILY WATER SEPARATOR COULD HANDLE FLOW.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
7/19/95: Lou Terri - On corner of 59th St & 12th Ave. Heavy rain - sewer plugged. Water flooded building, basement and West Side Highway tunnel. Sump pumps in tunnel were not working. mechanic fixed pumps - pumped water to settling tanks before oil/water separator - could not handle flow and sludge overflowed. About 2 feet of water in the basement - some of sludge went into discharge tunnel - ~10 gallons. Had hard boom outside, and deployed two more. MEG cleaned sludge out from insode boom. Sampled water inside boom - 2.5 ppm oil & grease. Building was cleaned, and o/w separator was put back in service. To clean the sludge tank. Must check capacity of tunnel pumps vs. capacity of oil water separator.

3/12/03: According to 9/25/95 60-day letter from Con Ed to USEPA, 2 of the 800 gpm flood control pumps have been manually locked out. They will not be used unless there is a sever flood and no oil is present. Close out. (JHO)

Map Identification Number 278 **850 12TH AVE & 59TH ST** **Spill Number: 9502104** **Close Date: 06/26/1995**
850 12TH AVE / 59TH ST MANHATTAN, NY TT-Id: 520A-0099-777

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: VESSEL | Spiller: | Spiller Phone:
Notifier Type: Federal Government | Notifier Name: | Notifier Phone:
Caller Name: PO SOMMERSELL | Caller Agency: USCG | Caller Phone: (212) 668-7920
DEC Investigator: CAENGELH | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/18/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

GENERATING STATION ON BARGE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
6/26/95: Petty Office Dooley, USCG - crack in inner hull, leaked to outer hull. None to river. Abrge emptied, now in drydock for incpection, repair.

Map Identification Number 279 **850 12TH AVE & 59TH ST** **Spill Number: 9502101** **Close Date: 12/21/2004**
850 12TH AVE / 59TH ST MANHATTAN, NY TT-Id: 520A-0099-759

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: NON-MAJOR FACILITY (>1100 GAL) | Spiller: | Spiller Phone:
Notifier Type: Affected Persons | Notifier Name: | Notifier Phone:
Caller Name: JOE DEVOTI | Caller Agency: CON EDSION | Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/19/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

INTER CARGO LEAK ON A BARGE DOUBLE HULLES - LEAK IS INTO THE VOID BETWEEN BOTH HULLS. "ENLIGHTENED ENERGY" DREW OFF BARGE TO GENERATE ELECTRIC AT GENERATING FACILITY.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

TRANSFERED FROM TIBBE TO O'CONNELL ON 4/15/03.

12/21/04: COn Ed submitted copy of OIL, TOXIC OR HAZARDOUSUBSTANCE (INCLUDING PCB'S AND ASBESTOS) SPILLS AND FIRES NOTIFICATION FORM dated 5/18/95, which states: "TYPE OF SPILL/FIRE AND CAUSE: ROUTINE INSPECTION OF ENLIGHTENED ENERGY BARGE COFFERDAM REVEALED A LEAK IN EITHER #1 PORT OR #1 STARBOARD TANK. NO LEAK INTO WATER. BARGE IS DOUBLE HULLED. ESTIMATED AMOUNT OF SPILL: UNKNOWN - MAXIMUM OF APPROX. 150,000 #6 FUEL OIL. CONTAINMENT (DESCRIPTION): CONTAINED IN COFFERDAM. CONTACT WITH WATERWAY: NO. BARGE IS PRESENTLY BEING OFF LOADED AND WILL BE REMOVED FOR REPAIR." Close out. (JHO)

Map Identification Number 280 **59TH ST & 12TH AVENUE** **Spill Number: 9415410** **Close Date: 03/18/2003**
59TH ST / 12TH AVE , NY TT-Id: 520A-0099-755
CON ED BUILDING

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: VESSEL | Spiller: CON EDISON | Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: DEVOTI, JOE | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/24/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

ON DECK OF A BARGE, ALSES APPROX. 2OZ SPILLED INTO HUDSON CAUSING 2BY2 SHEEN, WHILE PUMPING OIL, SOME SPLASHED OUT FROM VENT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
10/10/95: This Is Additional Information About Material Spilled From The Translation Of The Old Spill File: Turbine Lube Oil.3-18-03: Austin (Ad) - Closed Due To The Nature / Extent Of The Spill Report.

Map Identification Number 281 **CON ED- 59TH ST GEN. STA** **Spill Number: 9414020** **Close Date: 01/21/1995**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-776

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: | Spiller Phone:
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: TIM SOLICH | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763
DEC Investigator: TOMASELLO | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/21/1995	01/21/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

LEAKING BLOWDOWN VALVE FROM BOILER #118 INTO DISCHARGE TUNNEL INTO RIVER

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: TRISODIUM PHOSPATE.

Map Identification Number 282 **59TH ST GEN STATION** **Spill Number: 9414007** **Close Date: 01/25/1995**
850 12TH ST MANHATTAN, NY TT-Id: 520A-0099-775

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CON EDISON Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: TIM SOLICH Caller Agency: CON EDISON Caller Phone: (212) 580-6763
DEC Investigator: TOMASELLO Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/20/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

OIL SHEEN ON RIVER- 1 50'X 50' & 1 50'X 100' BOUNDED OFF- CLEANUP UNDERWAY - CAUSE UNDER INVESTIGATION-USCG NOTIFIED

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 283 **59TH ST GEN STATION** **Spill Number: 9210500** **Close Date: 01/09/1998**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-753

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL) Spiller: CON EDISON Spiller Phone: (212) 460-4833
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: TIM SOLICH Caller Agency: CON ED Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH Contact for more spill info: Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/11/1992		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

INCOMING HIGH TIDE CARRIED OIL INTO STATION BASEMENT MAINT CREW CLEANING SPILL/SPILL RELATED TO NOR' EASTER DECEMBER '92

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Basement flooded due to Nor'easter, causing oil leaks from boilers. Clean Harbors conducted Clean up.

11/23/94: REASSIGNED FROM SIGONA TO ENGELHARDT ON 11/23/94.

Map Identification Number 284 **850 12TH AVE/WEST 59TH ST** **Spill Number: 8905832** **Close Date: 09/13/1989**
850 12TH AVENUE NEW YORK CITY, NY TT-Id: 520A-0099-773

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: JOHN EGAN
DEC Investigator: SIGONA

Spiller: UNKNOWN
Notifier Name:
Caller Agency: CON ED
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-6766
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/13/1989	09/13/1989	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

CON ED PUT BOOM IN RIVER TO CONTAIN SPILL, DEC (SIGONA) RESPONDING.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

09/13/89: DEC (SIGONA) INVESTIGATED, 40FT X 100FT PATCH OF LUBE OIL, COULDN'T LOCATE SOURCE,CORROSIVE SUBSTANCE ALSO DISCOVERED POSSIBLY AFFECTINGPIER FOOTINGS,USCG RESPONDED & SURVEYED SHORELINE IN CON ED BOAT.

Map Identification Number 285 **CON EDISON** **Spill Number: 8401566** **Close Date: 11/27/1991**
12TH AVE / 58TH ST NEW YORK CITY, NY TT-Id: 520A-0099-757

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/01/1984	11/27/1991	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	POUNDS	0	POUNDS	AIR

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 286 **CON ED GENERATING** **Spill Number: 1105149** **Close Date: 09/23/2011**
850 12TH AVE NEW YORK, NY TT-Id: 520A-0265-921

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/04/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0.03	GALLONS	0.00	GALLONS	

Caller Remarks:

3 oz onto concrete floor - cleanup pending

DEC Investigator Remarks:

9/23/11 - Austin - Several ounces of #6 oil leaked out of old unused pipe - Con Ed contained and cleaned up the spill - See eDocs files for further information - Spill closed - end

Map Identification Number 287 **UNDERGROUND TANK** **Spill Number: 1000258** **Close Date: 05/26/2010**
850 12TH AVE MANHATTAN, NY TT-Id: 520A-0248-597

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	hrpatel	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/07/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	GROUNDWATER

Caller Remarks:

oily substance found in groundwater inside the tank. Clean up pending investagation

DEC Investigator Remarks:

05/26/10 - See eDocs for Con Ed report detailing cleanup and closure.

DEC Piper spoke with CON Ed ERT. They are removing a ust on their premisis and coame across cont. soil. they will excavate and collect endpoint samples and submit for closure.

hypochlorite tank. during removal found petroleum. Neg for PCB.

CSL sent to :

Con Edison
31-01 20th Ave.
building 138
Astoria, NY 11105

06/22/10-Hiralkumar Patel.
4:38 PM:- received closure report from ConEd.

Map Identification Number 288 **59TH GENERATION STATION** **Spill Number: 0906648** **Close Date: 10/19/2009**
59TH ST OFF THE WEST SIDE HIGHWAY NEW YORK, NY TT-Id: 520A-0233-083

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / WEST SIDE HWY
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	mxferoze	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/10/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

sheen on water beyond containment booms

DEC Investigator Remarks:

10/19/09 - See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 289 **ASH TUNNEL EMIS 218021** **Spill Number: 0905715** **Close Date: 09/24/2009**
850 12TH AVE MANHATTEN, NY TT-Id: 520A-0232-109

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	MXFEROZE	Contact for more spill info:	ERT	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/16/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	PETROLEUM	0.50	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

.5 GALLONS CAME FROM GROUND WATER IN TUNNEL; CLEAN UP PENDING RESOURCES; NO ACTIVE LEAKS AT THIS TIME. EMIS # 218021

DEC Investigator Remarks:

09/24/09 - See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 290 **59TH ST SUB STATION** **Spill Number: 0904255** **Close Date: 01/05/2010**
850 12TH AVE MANHATTAN, NY TT-Id: 520A-0229-445

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	hrpatel	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/13/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL, GROUNDWATER
OTHER	PETROLEUM	300.00	GALLONS	0.00	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

1 GALLON OF UNK OIL ON 300 GALLONS OF WATER. SOIL WAS ALSO IMPACTED CLEAN UP PENDING.

DEC Investigator Remarks:

02/23/10 - See eDocs for Con Ed report detailing cleanup and closure.

01/05/10-Hiralkumar Patel. DEC Austin assigned case to Patel for review.

as per emis report:
- contaminated water and soil at water interface was found during excavation work for demineralization system
- collected water and soil samples for product ID and TPH
- found oil similar to lubricating oil
- approx. 15 yards of contaminated soil was removed
- removed all soil to bedrock
- collected endpoint soil sample from soil right above bedrock
- once bedrock was exposed, the infiltration of groundwater diminished
- the bedrock had no noticable staining

as per submitted site map, excavation trench was 6 ft wide and 4 ft deep. no contamination found in endpoint sample.

10:13 AM:- spoke with Mr. Little (347-203-3823) at ConEd. he mentioned that the trench where contamination found was part of a water intake tunnel. part of this tunnel was abandoned and cut off around 1950s when they installed a stack. circular concrete wall was stack goes down to 10 ft depth and was installed in bedrock and area inside stack walls was backfilled with soil. impacted trench was excavated to install a tank for their demineralization system. contractor excavated all soil out and area was filled with concrete. Mr. Little mentioned that there is no possible source of lubricating oil in area, but there was a pump located before stack was constructed. all soils removed from area down to bedrock.

based on available information, case closed.

Map Identification Number 291 **CON ED 59TH ST STATION** **Spill Number: 0813669** **Close Date: 04/27/2009**
850 12TH AVE MANHATTAN, NY TT-Id: 520A-0226-401

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT - CON ED	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	asnagi	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/18/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

CALLER STATES THAT ABOUT 5 OUNCES OF PRODUCT WAS FOUND, UNK SOURCE. CLEAN UP PENDING DUE TO LACK OF PERSONNEL.

DEC Investigator Remarks:

04/27/09 - See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 292 **59TH STREET GENERATING ST** **Spill Number: 0804569** **Close Date: 09/19/2008**
850 12TH AVE. MANHATTEN, NY TT-Id: 520A-0220-518

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN | Spiller: ERTSDESK - 59TH STREET GENERATING ST | Spiller Phone:
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: gdbreen | Contact for more spill info: ERTSDESK | Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/22/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

6 OUNCES OF LUBE IN A TRENCH- NOT GOING ANYWHERE

DEC Investigator Remarks:

9/19/08 - See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 293 **WEST 59 ST S/S. OLD OIL IN SUMP 5-1** **Spill Number: 0804257** **Close Date: 08/27/2008**
850 12 AVENUE. SUBSTATION MANHATTAN, NY TT-Id: 520A-0222-335

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: ERTSDESK - CON EDISON | Spiller Phone:
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: gdbreen | Contact for more spill info: ERTSDESK | Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/14/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL WATER SEPERATER TRENCH- CLEANING UP AT THIS TIME. 212452

DEC Investigator Remarks:

08/27/08 - See eDocs for Con Ed report detailing cleanup and closure.

212452. see eDocs

Map Identification Number 294 **OIL & GREASE IN SUMP #5.** **Spill Number: 0801251** **Close Date: 08/05/2008**
850 12 AVE. 59 ST GENERATING STATION MANHATTAN, NY TT-Id: 520A-0214-962

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	gdbreen	Contact for more spill info:	MR BUDA	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/30/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Caller reports mixture of oil, water and grease in a sump. Spill is in Sump #5. Probally won't be cleaned up in the next 24 hours. No to the 5 questions.

211132

DEC Investigator Remarks:

08/05/08 - See eDocs for Con Ed report detailing cleanup and closure.

211132. see eDocs

Water unit notified.

Map Identification Number 295 **WATER SAMPLES TEST HIGH** **Spill Number: 0800964** **Close Date: 08/05/2008**
850 12 AVENUE. STEAM GEN STATION BASEMENT SUMP MANHATTAN, NY TT-Id: 520A-0218-131

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERTSDESK - CON EDISON	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	gdbreen	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/23/2008		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

@ 18:28 the spill was cleaned up and results came back showing that oil and grease were at 60 ppm. There is a crack in trench and it could have hit the environment that is why they are reporting it; half of an ounce spilled;

211021

DEC Investigator Remarks:

08/05/08 - See eDocs for Con Ed report detailing cleanup and closure.

211021. see eDocs

see 0800905

Water Unit notified.

Map Identification Number 296 **ONE PINT OIL NEAR SUMP 3** **Spill Number: 0800541** **Close Date: 06/17/2008**
850 12 AVE. WEST 59 ST STEAM STATION MANHATTAN, NY TT-Id: 520A-0218-160

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERTSDESK - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	gdbreen	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/14/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ABOUT 1 PINT AND CLEAN UP WILL OCCUR SOON. 210826

DEC Investigator Remarks:

06/17/08 - See eDocs for Con Ed report detailing cleanup and closure.

210826. see eDocs

Map Identification Number 297 **MINOR, RESIDUAL SHEEN INSIDE BOOM** **Spill Number: 0712362** **Close Date: 05/19/2008**
850 12 AVENUE. 59 ST GEN STATION MANHATTAN, NY TT-Id: 520A-0214-928

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: VESSEL
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: gdbreen
Spiller: ERTSDESK - CON EDISON
Notifier Name:
Caller Agency:
Contact for more spill info: ERTSDESK
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/25/2008		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
CREOSOTE	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

PIER #98 A VESSEL HIT THE DOCK AND SOME MATERIAL WENT INTO HUDSON RIVER FROM DOCK: sheen only and in a boomed area:

210026

DEC Investigator Remarks:

05/19/08 - See eDocs for Con Ed report detailing cleanup and closure.

210026. see eDocs

Map Identification Number 298 **TWO GALLON SPILL TO DECK OF BARGE** **Spill Number: 0709733** **Close Date: 12/10/2007**
850 12 AVENUE. PIER 98 MANHATTAN, NY TT-Id: 520A-0211-249

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	VESSEL	Spiller:	ERTSDESK - NOT CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	hrpatel	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/10/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CLEAN UP IN PROGRESS. 209102

DEC Investigator Remarks:

12/10/07-Hiralkumar Patel. as per ERT desk, oil found on barge. don't know about cause. no active leak. cleaned up. no oil in water body.

case closed.

209102. see eDocs

Map Identification Number 299 **TWO GALLONS FUEL OIL ON STREET** **Spill Number: 0708505** **Close Date: 11/06/2007**
IN FRONT OF 850 12 AVE. 59 ST GEN STAT MANHATTAN, NY TT-Id: 520A-0211-233
CON ED REPORTING THIRD PARTY SPILL

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERTSDESK - NOT CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/05/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

59TH GENERATERING STATION IS MONITORING THE STATON AND DEC #001- STORM DRAIN MAY BE LINKED: NO SHEEN AT THIS TIME.

208786

DEC Investigator Remarks:

208786. see eDocs

ConEd will inspect their own manholes and clean, if impacted.

Fuel oil seen in street may have gone into sewer.

Third party spill. Small spill to roadway. Rain flushed sewers if effected. Closed.

Map Identification Number 300 **59 STREET STEAM GEN STATION - PIER 98** **Spill Number: 0706469** **Close Date: 12/28/2007**
850 12 AVENUE - DOCK AREA - PIER 98 MANHATTAN, NY TT-Id: 520A-0090-051

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ERTSDESK - CON EDISON - PIER 98	Spiller Phone:	(212) 580-8383
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	gdbreen	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/10/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

SHEEN ON WATER BY PIER 98: 207965

DEC Investigator Remarks:

12/28/07 - See eDocs for Con Ed report detailing cleanup and closure.

207965. see eDocs

Map Identification Number 301 **SHEEN INSIDE BOOM AT PIER 98** **Spill Number: 0704702** **Close Date: 09/20/2007**
850 12 AVENUE - 59 ST GEN STATION MANHATTAN, NY TT-Id: 520A-0090-037

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: gdbreen

Spiller: ERTSDESK - CON EDISON
Notifier Name:
Caller Agency:
Contact for more spill info: ERTSDESK

Spiller Phone: (212) 580-8383
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/26/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

CONED # 207211

DEC Investigator Remarks:

09/20/07 - See eDocs for Con Ed report detailing cleanup and closure.

207211. see eDocs

Map Identification Number 302 **59 STREET GEN STATION** **Spill Number: 0606660** **Close Date: 08/18/2009**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-859

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMKRIMGO	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/10/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
KEROSENE	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

MISPOSITIONED VALVE ALLOWED KEROSENE TO LEAK ten gallons - CAME IN CONTACT WITH CONCRETE SURFACE. CLEAN UP IN PROGRESS. NO CON ED REF # 202378.

DEC Investigator Remarks:

08/18/09 - See eDocs for Con Ed report detailing cleanup and closure.

202378. see eDocs

Map Identification Number 303 **WEST 59 ST GENERATING STATION** **Spill Number: 0602306** **Close Date: 06/13/2006**
850 12 AVENUE MANHATTAN, NY TT-Id: 520A-0099-860
W 59 STREET AT HUDSON RIVER

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ERT DESK MIKE DAUGHTERY - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT DESK MIKE DAUGHTERY	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/31/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

THEY ARE TAKING SAMPLES. THEY PULLED A PLATE OFF THE WALL AND FOUND THE OIL SUBSTANCE IN THE PIT. NO TO FIVE QUESTIONS. OVER A DISCHARGE TUNNEL AND ARE CHECKING THE TUNNEL EVERY HOUR. IT HAS BEEN CONTAINED. 200340

DEC Investigator Remarks:

Con Ed emis no. 200340. See also spill no. 9505836.

ERT Bill Capune reports that the lab analysis came back as lube oil. Allstate PowerVac has been contacted for cleanup and will start today. Investigation of the source will take place after the cleanup. Amount updated to 150 gallons. See e-docs for additional documentation. (JHO)

6/13/06: e-mail from Dan Barry, Env. Manager at 59th St - cleanup completed. See e-docs for documentation. Close out. (JHO)

Map Identification Number 304 **600 WEST 59 STREET** AT 11 AVE MANHATTAN, NY **Spill Number: 0514819** **Close Date: 06/14/2006** TT-Id: 520A-0099-863

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	CHRIS HAYNES	Notifier Phone:	(212) 580-6763
Caller Name:	CHRIS HAYNES	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK‘	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/27/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

still investigating: spill is contained : no to 5questions. 163535.

DEC Investigator Remarks:

06/14/06 - See e-docs for Con Ed report detailing cleanup and closure.

163535. On 3/27/06 at 08:45, M&S Suprvr Tony Chyn found oil in trenches under the west side of 114 Boiler. He contacted EHS Engr. J. Burke who investigated and found oil contamination had traveled to #3 sump. It was estimated that there is approximately 1 gallon of oil in a sheen covering the trenches and the sump. The #3 sump was shutdown and OMA Dan Moffit went check the OWS for contamination - there was none. A vendor will be contaracted for clean up. Sewer/waterway NO. Fire/Smoke NO. Substance Unknown oil. Source Unknown. Cause Unknown. Private property NO. entered by J. Burke for Fred Klettlinger 03/27/06 @ 09:07

Map Identification Number 305 **59 STREET GEN STATION** **Spill Number: 0512758** **Close Date: 01/10/2008**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-855

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	PETE MCGURIE	Notifier Phone:	(212) 580-6763
Caller Name:	PETE MCGURIE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK‘	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/03/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SHEEN GOING INTO STORM DRAIN. HAS CHECKED ALL TRUCKS AND LOCATION AND IS NOT A CONED PROBLEM: 162826

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

162826. on 02/03 @ 10:10 sheen was noticed in the rainwater along 58th street discharging to the sewer. environmental manager investigated the area and determined that vendor trucks working on station projects were not the source. residuals from regular traffic and sanitation trucks were the probable cause. ert, law and nysdec were contacted accordingly for info and guidance. it was agreed by all that no action on station’s part was warranted other than spot checks later during the day. jll for dan barry
substance- o&g
amt- unknown
source- residual street grime
sewer/water-yes
public affected-no

Map Identification Number 306 **59TH STATION** **Spill Number: 0505230** **Close Date: 01/10/2008**
850 12TH AVE. NEW YORK, NY TT-Id: 520A-0099-851

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN AT THIS TIME:	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	CHRIS SHIKARIVES	Notifier Phone:	(212) 580-6763
Caller Name:	CHRIS SHIKARIVES	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK‘	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/29/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

NO TO 5 QUESTIONS: CLEANED UP: 2 OUNCES; CONED # 160138

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

e2mis no 160138

SUBSTANCE- LUBRICATING TYPE OIL
AMT- 3 OZ
SOURCE- BASEMENT RESIDUALS
CAUSE-PAST SPILLS
top layer of lubricating oil was discovered on 7/29 @ 12:15 in sump #3 , annex basement. sump is about 4 ft deep and was full of water. work order tag written to troubleshoot discharge pumps. pads were placed and cleanup began soon after. oily water separator was inspected for signs of sheen. tanks water surface appeared clear. spill is contained at sump.

Map Identification Number 307 **59 TH GENERATING STATION** **Spill Number: 0409930** **Close Date: 10/23/2006**
850 12 AVE NEW YORK, NY TT-Id: 520A-0099-833

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name: CHRIS SHIKARIVES
DEC Investigator: GDBREEN

Spiller:
Notifier Name: CHRIS SHIKARIVES
Caller Agency: CON ED
Contact for more spill info: ERT DESK

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/07/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NO TO 5 QUESTIONS: CONED # 156480

DEC Investigator Remarks:

10/23/06 - See e-docs for Con Ed report detailing cleanup and closure.

On 12/7/04 OMA M. Bland and T. Dancy found film of oil in #1 and #2 sumps. SS T. Benjamin was notified. #1 and #2 sump pumps were shut down. Pads were placed on top of the oil film. Upon further investigation it appears that there is an oil film in the trenches around 115 ID Fan pedestal and in the #3 sump. SS. A. Rodney inspected the OWS and it appears that there might be a sheen of oil in one of the compartments. #3 sump pump and the OWS were shut down. Envr.
Engr. J. Lamalfa was requested to investigate the OWS. Dock PIC C. Webster ispected the SPDES outfalls and there was no evidence of any sheen at any outfall. All-State PowerVac was called for a clean up response. It appears that the source of the oil is the 115 ID Fan lube oil system. Exact cause is unknown but it appears that residual oil leaked into the tranch system. J. Lamalfa reports that there is a sheen in the collection compartments but there is NO sheen or evidence of oil in the discharge compartment.

Map Identification Number 308 **59TH ST GENERATING STATION** **Spill Number: 0408205** **Close Date: 01/10/2008**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-834

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ERT DESK - CON ED	Spiller Phone:	(212) 580-8383
Notifier Type:	Other	Notifier Name:	MR.DECORLASOUZA	Notifier Phone:	(212) 580-6763
Caller Name:	KEVIN MCCARDLE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/25/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

about 1 quart of unknown oil was spilled.con ed # 155960

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

155960

At 12:45 on 10/25/04, CI Clovis Wright found about less than 1 quart of a thick oil like substance mixed with soil during the preparation for a construction project on the city water line . The mixture seems to be historic and there does not appear to be any point source for the fluid. Mr. Wright notified EHS Manager Dan Barry. Mr Barry and EHS Engineer John Burke investigated site and informed SS Mario DeCorla-Souza to report as spill. Clean up is pending.
Water/Sewer: NO
Substance: Unknown oily substance
Source: Unknown
Cause: Historic spill

10/27/04
On checking area this morning at approx. 0730 hours an additional area of oily substance was found mixed with the sand and gravel. This mixture was approximately 10 feet from the original discovery. We are revising the spill quantity to 1 gallon. It is now known upon talking to persons who were in the station in the early 1990's that a #6 oil line was retired and removed. This line was adjacent to the line now being replaced. Operations will suit up - to clean both areas today. Waste will be placed in 55 gal. drum. Sampling will be done for pcb. Job briefing was done on job site by J.Burke. After digging a few inches, it does not appear that the oil is contained near the surface. J. Burke notified. EHS will arrange for a contractor to perform this clean up.

PCB oil samples taken on 10/27/04.
10/28/04 PCB results returned one sample <1 ppm the other sample was 2 ppm. The extent of the contamination is unknown at this time. Contacted AllState Power Vac (APV) and EHS Remediation for possible solutions.

10/29/04 - Work plan. After clean up by HEC. ECI will remove remaining pipeline in area. Work should be completed by AM 10/30/04. APV to then bring in vac truck to develop "bore" holes for sampling and determining the extent of the contamination.

10/30/04 - APV in to make bore holes. Found solid concrete after six inches. Had APV remove all gravel in area via vac truck. No signs of contamination in area. Gravel taken out by APV and disposed of as non-hazardous waste. Clean up completed at 14:30.

Update 01-MAR-2005 by J. Burke
Area was inspected on 14-FEB-2005 by EHS Engr J. Burke, EHS Mgr D. Barry and NYSDEC Env Engr. George Breen. There is water over the area were the clean up was performed and there is no sheen on the water. Incident to be submitted to NYSDEC for closure.

Map Identification Number 309 **59TH ST GENERATING STATIO** **Spill Number: 0408062** **Close Date: 10/22/2004**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-835

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - 59TH ST GENERATING STATIO	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	RON ELLIOTT	Notifier Phone:	(212) 580-6763
Caller Name:	RON ELLIOTT	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/21/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	PETROLEUM	1000	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

*****DRILL ONLY******* ********DRILL ONLY*********

DEC Investigator Remarks:

Spill is fictitious and reported as part of a drill.

Map Identification Number 310 **GENERATING STATION** **Spill Number: 0402879** **Close Date: 07/26/2005**
59TH STREET MANHATTAN, NY TT-Id: 520A-0099-832

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	MAJOR OIL FACILITY (>400,000 GAL)	Spiller:	ERT DESK - CON EDISON	Spiller Phone: (212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	MR. BENJAMIN	Notifier Phone: (212) 580-6763
Caller Name:	RON ELLIOTT	Caller Agency:	CON ED	Caller Phone: (212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK	Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/16/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

North of #3 & #4 condensate tanks located in the basement. Came from return drain valve. No clean up at this time.

DEC Investigator Remarks:

e2mis no 153885

approximatly 1 gallon of #6 fuel oil was discovered north of #3 and #4 condensate tanks located in the basement. The fuel oil is on top of water within a surrounding moat constructed around the condensate tanks. The clean up began on discovery of the spill, with absosrbant pads, and a sump pump, to be used for pumping the sheened water into 55 gallon drums. There are no basement openings under both tanks and spill is contained within the moated area.

Fire/Smoke: NO
Waterway/Sewer: NO
Substance: #6 fuel oil
Source: 118 micro motion return drain valve
Cause: Valve left open
Private property: NO

inspections of moated area, including tank underside ,will be made for the next few days to confirm that no floating oil particles drifted away from cleanup area. steve martis (ert) was consulted @ about 14:00 to discuss status of any required spill reporting. he had called operations in the morning and with the potential that spill would not be cleaned within a two hour period, notified the nysdec for precautionary reasons @09:34

upon further inspection of area @15:00, small floating particles of oil were discovered by environmental engrg inside moat wall. operations was requested to cleanup and did so. stop date was deleted and ert steve duke notified @07:30 on 06/17 that stop date will not be entered again until station ehs makes additional inspections and is fully confident in closing out this report. small particles were discovered by env eng under tank @ 07:45 on 06/17. operations is in process of cleaning. all is contained and floating on moated stagnant water. ert will be notified when final inspection made this morning.

operations did not report on exact time of final clean-up. based on another thorough inspection by me on 6/22 @ 08:00, final time of cleanup will be as noted

Update 01-MAR-2005 by J. Burke
ROOT CAUSE: Operator left drain valve for micromotion meter loop open when unit was returned to service. Operator was not aware that drain valve was open because that item was not included on operating order to remove protection.
CORRECTIVE ACTION: Operations has changed policy regarding operating orders. All drains and vents that are opened to establish that a line is pressure free are now added to the operating order. This will ensure that all valves are returned to their normal operating postion when the protection is removed following work on the system. Policy is in full force at this time.

Map Identification Number 311 **59TH ST GENERATING STA** **Spill Number: 0311128** **Close Date: 06/30/2005**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-846

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT - CON ED	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	LARRY COSTA	Notifier Phone:	(212) 580-6763
Caller Name:	LARRY COSTA	Caller Agency:	CONED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/30/2003		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TAR	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ROOF TAR FROM RAIN WASHED UNTO CONCRETE FLOOR. NO FIRES, SEWERS, WATERWAYS OR SMOKE. ALL ROPED OFF AND CLEAN UP WILL FOLLOW TEST RESULTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 151566:

at 10:50, 'ei' discovered 1 pint of oily substance on 7th floor retired gallery roof access area in hp. there are retired 25 cycle reactors immediately south of spill area that do not seem to be invloved. the potential source after roof inspection was agreed to be leeching roof insulation tar substance carried by rain water along the storm drain. area was roped off pending sample results. cleanup will follow.

further discussion on source and testing lead to decision to reclassify incident type to oil-unknown type. cleanup could not start until initial test results for
potential roof tar acm came back. cig and ert (pontecorvo) were consulted/notified. @ 11:45 when the final decision to reclassify was made. agency notification

was made @ 13:45

Spill cleaned up on 12/31/03 as presumed ACM and presumed PCB. Waste and PPE stored in asbestos locker. Samples were taken.
Asbestos bulk samples
came back as non-ACM. PCB Results pending. Waste moved to Hazardous Waste Storage Area and labeled as "Waste Pending Analysis"

Total PCB <1 PPM

Waste drum was removed from Haz Waste Storage Area and was relabeled and disposed of as Non-Hazardous Waste - Oily solid waste.

Map Identification Number 312 **59TH ST GENERATING STATIO** **Spill Number: 0306934** **Close Date: 10/14/2004**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-841

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CALLER - CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	SEAN MCKEEVER	Notifier Phone:	(212) 580-6763
Caller Name:	SEAN MCKEEVER	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	SEAN MCKEEVER	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/01/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	7.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

THERE IS AN OIL/WATER MIXTURE ON THE GROUND UNDER BOILER #14 / CON ED SPILL #150555

DEC Investigator Remarks:

Con Ed e2mis #150555:

10/1/03
At approx 1109hrs, Mike Bernardo discovered an oily water spill of approx 30gal beneath boiler 114. The amount of water in the mixture was approx 27gals and the amount of lube oil in the mixture was approx 3gals. The source of the spill is still being determined. The mixture consists of mainly water which spilled in the basement concrete flooring in the vicinity of the Air Pre-Heater and the FD fan. A slight sheen was noticed in sump #3 and that sump pit pumps were shut off. Pigs were placed in the gutters. There was no oil in the oily water separator and no oil was discharged to a waterway or city sewer. Cleanup is in progress.

Sample of oil water taken by Results for oil signature analysis. Inspection of area indicates that oil likely to have come from three sources over time: 114 ID Fan Turbine pedestal and Fan I/B bearing pedestal (oil from bearing seal leaks); 114 FD Fan duct between FD Fan and Airpreheater (oil sucked into FD fan from bearing seals); and 114 FD Fan Turbine pedestal and Fan I/B and O/B bearing pedestals (oil from bearing seal leaks). Watch and house maintenance cleaned up about 3 drums of waste. WO# 59T-03-45406 entered to clean up oil water mixture.

AllState Power Vac called in to clean up oil water under 114 FD Fan duct and oil on ID and FD Fan pedestals. Heyrich is scheduled to perform Boiler wash on Boiler 115. Scope of that contract covers work cleaning FD Fan duct work. Heyrich will start cleaning 114 FD
Fan duct work of oil on 03-OCT-2003.

All-state Power Vac completed clean up. Pedestals powerwashed. Floor cleaned. All clean up waste handled as non-hazardous waste. 3 drums liquid and 7 drums oily solid debris placed in non-hazardous waste area for disposal. Heyrich cleaned inside 114 FD fan ductwork. Waste to be disposed off as non-hazardous waste as part of bolier wash contract. All clean up completed by 16:00 03-OCT-2003

Map Identification Number 313 **59TH ST STATION** **Spill Number: 0304946** **Close Date: 10/13/2004**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-842

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR RODNEY	Notifier Phone:	
Caller Name:	RON ELLIOTT	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	RON ELLIOTT	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/10/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Above material discovered in pit in basement at above location. Sample has been taken and cleanup is pending results.

DEC Investigator Remarks:

e2mis no. 149-736:

10-Aug-2003 13:06 An unknown type of oil and quantity though undeterminable seems to be no more than 10 gallons, was discovered by Operator J. McGrath ID# 04509. The oil was found in a pit of area approx. 200 sq. ft. in the I.P. plant basement in an old storage room. The oil appears to be on the surface of water, again the exact quantities are undeterminable. Shift Supervisor A. Rodney ID# 00615 examined the pit and adjacent area and observed no trenches or any other means of release from the pit. A sample will be taken to determine hazardous properties, and cleanup will be conducted accordingly.

Sample results from oil in water came back negative for PCB's. All State PowerVac in station to clean up. Oily water cleaned up on 8/12/03. About 2 feet of sludge in bottom of pit. APV removed and placed in drums. Clean up complete 8/13/03 at 14:00. Samples of sludge taken and sent to ChemLab for PCB analysis. Sludge results are negative for PCBs.

Map Identification Number 314 **59TH ST GEN. STATION** **Spill Number: 0208530** **Close Date: 11/20/2002**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-808

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: PETE MCGUIRE
DEC Investigator: JHOCONNE

Spiller:
Notifier Name:
Caller Agency: CON EDISON
Contact for more spill info: PETE MCGUIRE

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category:	Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class:	Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/17/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

MATERAL IS IN A SUMP PIT - PUMP HAS BEEN SHUT OFF - APPROX 1/2

GAL IN THE PIT NOW - MONITORING PIT TO FIND OUT WHERE IT IS COMMING

FROM - PADS WERE PLACED -- CON ED SPILL #146052

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 146-052:

17-NOV-2002 17:15

ROVER H. RAMIREZ FOUND SUMP PIT #3 WITH LUBE OIL ON THE TOP. SOURCE OF OIL UNKNOWN. REPORTED TO SHIFT SUPERVISOR T. BENJAMIN IMMEDIATELY. PLACED OIL PADS IN SUMP PIT TO START CLEAN UP. PUMP IN SUMP PIT TURNED OFF. OILY WATER SEPARATOR CHECKED FOR OIL--NO OIL ENTERED. CONTINUING TO MONITOR OILY WATER SEPARATOR FOR OIL.

11/20/2002: THE SUMP WAS INSPECTED FOR THE PRESENCE OF OIL. THERE WAS NO OIL ON THE TRENCHES AND THE SOURCE OF SPILL WAS NEVER IDENTIFIED. THE OIL WATER SEPARATOR FLOW WAS VERY SMALL. NO SHEEN AT THE DISCHARGE. ARS.

Map Identification Number 315 **59TH STREET GENERATOR STN** **Spill Number: 0206681** **Close Date: 11/20/2002**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-807

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ANDREW MORRIS - CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR WALLER	Notifier Phone:	
Caller Name:	ANDREW MORRIS	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:	ANDREW MORRIS	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/27/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. CLEANUP IS IN PROGRESS AT THE TIME OF CALL. CAUSE IS UNDER INVESTIGATION. CON ED #145297.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES 145297

13:00 HRS OMA K.WASHINGTON REPORTED A LAYER OF OIL ON TOP OF THE WATER IN #3 SUMP PUMP PIT. THE SUMP FEED WAS OPENED TO PREVENT THE PUMP FROM OPERATING. CHECKED TRENCHES LEADING TO SUMP #3, NO OIL LEAKAGE SITED GOING INTO ANY TRENCH LEADING TO #3 SUMP. THE OIL APPEARS TO BE LUBRICATING OIL FROM A UNKNOWN SOURCE. THE STATION OILY WATER SEPARATOR WAS FOUND CLEAR OF ANY OIL

OIL ON TOP WATER WILL BE SOAKED UP WITH PADS UNTIL PIT IS CLEAN.SHIFT SUPV. WILL UPDATE REPORT WHEN CLEANUP IS COMPLETED

REFER TO 0208530. ARS.

Map Identification Number 316 **59TH STREET GENERATING ST** **Spill Number: 0201309** **Close Date: 10/13/2006**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-800

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	ANDREW MORRIS	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/06/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

LEAK FROM BEARING ON A FAN IN THE BOILER ROOM. SPILLED ONTO CONCRETE. TO BE CLEANED UP WITHIN 2 HOURS. CON EDISON REFERENCE NUMBER 142661.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
E2mis no. 142-661:

Mario de Corla-Souza (shift supervisor) at 0507 hours discovered approx. 1 gal of oil and grease between the boiler 115 FD fan air intake and the fan intake bearing pedestal. The oil has seeped to the basement but is contained in a trough without any outlet to the sewer or waterway. The trough is located on the East side of the FD fan. No cleanup is possible as the area is roped up due to yesterdays' PACM spill (E2MIS #142655). Housekeeping for the PACM spill will be done today and then the oil/grease cleanup could be accomplished. Possible cause could be leaky bearings. Work Order # 13581 entered.

Root Cause: Residual oil on pedestal from FD fan operations. Incorrect sight glass/fill port configuration installed on FD fan bearings.

Corrective Action: FD fans will return to service after outage with new oil sightglasses and a new operating procedure.

Map Identification Number 317 **HUDSON RIVER** **Spill Number: 0201238** **Close Date: 05/06/2002**
850 12TH AVE - GEN. PLANT MANHATTAN, NY TT-Id: 520A-0099-799

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	MR PIERRE	Notifier Phone:	(212) 580-6763
Caller Name:	MARK SCHLAGEL	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:	MARK SCHLAGEL	Contact Person Phone:	(212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/02/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

3rd party call. oil scheen outside water booms. no call back requested.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #142377:

59th St Generating Station Dock Area

Determined that substance is not oil. Possibly garbage from transfer station located adjacent to station. Found after heavy rainfall. Similar occurances have been noted in the past and during warmer weather.

Map Identification Number 318 **59TH ST GENERATOR STATION** **Spill Number: 0201000** **Close Date: 04/30/2002**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-798

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR KOLLN	Notifier Phone:	
Caller Name:	MARK SCHLAGEL	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:	MARK SCHLAGEL	Contact Person Phone:	(212) 580-6765

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/26/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION UNDER 115 AIR HEATER

BREECHING. CLEANUP PENDING VENDER. CON ED #142522.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES 145522

AT APPROX 10:40 HRS T. JORDAN AND J. BURKE FOUND APPROX 1/2 GAL OIL IN WATER UNDER 115 AIR HTR BREACHING.OIL /WATER ON

CONCRETE FLOOR ALSO A SLIGHT SHEEN IN TRENCH,H/O #1 & 2 SUMP PUMPS.P LEANDRO PUT DOWN ABSORBENT PADS AREA SECURED.NO

SEWER/WATER AFFECTED.NO FIRE AND SMOKE.SOURCE 115 AIR HTR .CAUSE UNKNOWN. NO PRIVATE PROPERTY AFFECTED.AWAITING CLEAN-UP VENDOR.

DEC INSPECTOR NOTES:

4/30/02 Foley and O'Connell inspected 115 air heater accompanied by EH&S Manager Wendell Fenner and Law Dept. Eric Dessen.
Cleanup has been completed. No oil present.

Map Identification Number 319 **59 STREET GENER.STATION** **Spill Number: 0200916** **Close Date: 09/17/2004**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-797

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	SEAN MCKEEVER	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:	SEAN MCKEEVER	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/24/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	2.00	GALLONS	2.00	GALLONS	SOIL

Caller Remarks:

2 gal. of materal spilled into sump pit - con ed spill #142491

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #142491:

13:55 HRS WHILE MAKING LAP OF STATION SHIFT SUPERVISOR J.WALLER FOUND 2 GALLONS OF WHAT APPEARS TO BE LUBRICATING OIL IN SUMP PIT #3. THE SUMP PUMPS WHERE HELD OFF AND THE STATION OILY WATER SEPARATOR WAS CHECK FOR SIGNS OF OIL. NO SIGNS OF OIL SITED IN THE OILY WATER SEPARATOR. TRACED TRENCH DRAINS FROM SUMP TO POSSIBLE SOURCES OF OIL LEAKAGE NO SIGN OF ANY ACTIVE LEAK. SUSPECT SMALL LEAKAGE MAY HAVE BUILT UP OVER TIME AT BOTTOM OF PIT. 14:10 NOTIFIED PLANNING DEPT. TO HAVE VENDOR ARRIVE AT STATION TO CLEAN OUT PIT.

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DEC Notes:
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9/30/02

Walked through station with W. Fenner(Env Mgr), E. Dessen(law) and J. O'Connell. Oil in sump #3. Unknown source. Appears to be lube oil. Floor drain system is old and may have connections now covered over. Station to maintain absorbant pads in sump. Also will check oil/water separator when checking pads. (KMF)

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e2mis notes (cont'd)

All-State Power Vac responded to clean up sump pump pit. Cleaned out 850 gals of oily water waste. Removed from site by All State vac truck. Clean up completed 17:50-APR-2002.

ROOT CAUSE: Residual oil was apparently washed into the trenches during the boiler washes that occurred during the previous weeks.

CORRECTIVE ACTION: Sump and associated trenches were cleaned out. Future boiler washes will have to plan for blocking the floor trenches or similar efforts.

Map Identification Number 320 **59TH ST STEAM STATION** **Spill Number: 0200587** **Close Date: 10/13/2006**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-796

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CALLER - CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	SKIP EMERY	Notifier Phone:	
Caller Name:	RICHARD ROCHE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6764
DEC Investigator:	JHOCONNE	Contact for more spill info:	RICHARD ROCHE	Contact Person Phone:	(212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/16/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL
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Caller Remarks:

OLD TANK RESIDUAL PRODUCT FOUND ON FLOOR - NO CLEAN UP CON ED 142303

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

4/23/02
AllState PowerVac on site. Mixture of oil and dirt in old #6 fuel oil storage room (room no longer used for oil storage). Results came back 116ppm PCBs. Possibly from used oil which was burned approx 25yrs ago.(KMF)

9/30/02
Walked through station with W. Fenner, E. Dessen (law) and J. O'Connell. AllState PowerVac cleaned floor over 3days. There is still heavy staining on broken concrete floor. Con Ed plans to install a new floor. (KMF)

10/13/06 - spill closed based on report in eDocs. (JHO)

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Con Ed e2mis #142303:

At 13:45, and old #6 fuel oil spill was found in the IP Basement fuel oil room. The find was hardened and appeared to be the reminants of a post fuel oil tank leaks. These fuel oil tanks were removed in 1996. The area was sealed off. No fire, smoke nor.No spill to the water way, or sewer. Station EH&S Manager to place the clean up of this spill in a program to clean a number of historical spill finds in the station.

Map Identification Number 321 **SUMP #1 59TH ST STATION** **Spill Number: 0200557** **Close Date: 04/21/2003**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-795

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CALLER - CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	EMORY	Notifier Phone:	
Caller Name:	CHARLIE MCCARTHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:	CHARLIE MCCARTHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency
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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/16/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

sample taken clean up pending results - spill confined to sump area

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
see #0200508

Con Ed e2mis #142285:

8: 16 AM Skip Emory was informed by Mario DeCorla- Souza that sump #1 contained oil. With the aid of the Safety Administrator and EI, an exaimination of the pit was conducted. A make-shift "Q- tip" was dipped into the pit and it came up positive for an oily substance similar to lube oil.

At 8: 45 AM All-State Power Vac was requested for and Emergency Land Spill clean-up. Attempts were made to determine if sump# 1 was a stand alone structure and at 8: 55 AM it was coonfimed that sump #1 was a stand alone structure. The sump pump was held off (hold off #111131) and the site isolated. 9: 04 AM CIG was notified and ther ERT responded at 9: 13 AM. Clean up attempts were halted for safety reasons. The Safety Administrator wanted confined space issues addressed before clean up can begin.

Update on 17-APR-2002

Clean-up of Sump #1, Sump #2 and tranches from 115 ID Fan O/B bearing completed by All-State power Vac at 16:15 16-APR-2002.

Environmental Detailed Incident Report

Updated six fields correctly; removed entry for resolved time and date; updated clean-up %, incident type and opn status.

ROOT CAUSE: Leak from 115 ID fan O/B bearing. WO# 59T-01-14550 entered previously to repair leak.

CORRECTIVE ACTION: Trenches and sump were vacummed out and powered washed by vendor. Bearing to be repaired during outage; new oil fill procedure and gauges installed.

Map Identification Number 322 **59TH ST GENERATING PLANT** **Spill Number: 0200508** **Close Date: 04/21/2003**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-794

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	FRANK MISCHIONE	Notifier Phone:	
Caller Name:	ANTHONY NATALE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/15/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

a release to a trench drain - clean up pending analysis - ref #142263

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
e2mis notes 142263:

AT 0950HR OIL WAS FOUND IN SUMP PIT #2. THE AMOUNT OF OIL IS APPROXIMATELY 2 GALLONS FROM AN UNKNOWN SOURCE. THE SUMP

PUMPS WERE SHUTDOWN AND THE STATION OILY WATER SEPERATOR WAS INSPECTED FOR OIL AND NONE WAS FOUND. A SAMPLE FROM

THE PIT WILL BE TAKEN AND SENT FOR ANALYSIS. CLEANUP WILL BE CONDUCTED AFTER RESULTS ARE RECEIVED AT THE STATION.

NO OUTSIDE STATION SEWER OR WATERWAY AFFECTED, OIL IN STATION SUMP PUMP PIT

NO FIRE OR SMOKE

SUBSTANCE: OIL OF UNKNOWN TYPE

SOURCE OF SPILL: UNKNOWN

CAUSE OF SPILL: UNKNOWN

NO PRIVATE PROPERTY AFFECTED

NOTIFIED CIG A.NATALE AT 1042 HRS.

11:00 SPT Valenti took oil/water sample for analysis. Set to Lab with ChemLab technician @13:00

13:00 OMA's Grice and Simon started preliminary clean up using pads to remove oil from surface of water. All-State PowerVac called in to complete cleaning.

13:50 NYSDEC Engr Abraham Rodriguez arrived at station to review spill, workplan and inspect area.

Reviewed work plan with A. Rodriguez. Clean gross oil with pads; pump remaining oily water into drums and hold pending analysis results; powerwash suspected trench from under 115 Boiler back to sump. If analysis comes back with results equal to or greater than 50 ppm PCB. Rodriguez wants wipe samples taken from sump walls and from sump pump.

15:10 All-State PowerVac arrives at station. Rodriguez and EHS reps review workscope with All-State reps.

15:30 A. Rodriguez leaves station.

19:30 Clean up of sump pump #2 complete. 3 drums of oily water waste and 2 drums of solid oily waste generated during all phases of clean up. Mike Bernardo returns work permit to watch.

Lab sample results show that oil was less than 1 ppm PCB.

16-APR-2002

(refer to Incident #142285)

Oil found in sump pit #1 which initially did not appear to communicate with Sump pit # 2. Upon further investigation it appears that Sump #2 will communicate to sump #1 at high levels in sump #2. The oil appears to have come from the outboard bearing on Boiler 115 ID Fan. There was some residual oil in the trench east of the platform for the ID fan. All-State PowerVac is in the station again to clean up the Sump #1 and will also reclean sump # 2 and the trench that showed residual oil.

16:15 16-APR-2002 Clean up by All-State Power Vac complete.

Boiler 115 ID Fan O/B Bearing drained of oil. Updated opn status; removed resolved date/time entry; updated persons involved

Updated by J. Burke 17-APR-2002

ROOT CAUSE: Leak from 115 ID Fan O/B Bearing. Overfilling of bearing by operations.

CORRECTIVE ACTION: Leak was reported under WO# 59T-01-14550. Leak repaired during outage. New oil fill procedure developed. New oil sight glasses

installed.

Inspector notes:

Oil was found on a sump in the basement on high pressure boiler side of plant. The oil is supposed to come from the boiler feed pumps areas. Preventive measures taken, replace all oil pads on pump's base. Clean the drains starting at the pumps and going towards the sump, clean the sump. All State was on site to do the cleanup. Con Edison cleaned part of the oil with oil pads.

4/23/02

Lubricating oil found in sumps 1&2. Pending repairs to equipment. Sump pumps remain off until repairs are made and sumps cleaned. (KMF)

9/30/02

Walked station with Wendell Fenner, Eric Dessen (Law Dept) and Jane O'Connell. Oil suspected to be from overfilling lube oil reservoir. Con Ed plans to install some sort of glass viewer for oil measurement. (KMF)

Map Identification Number 323 **59TH STREET GENERATING ST** **Spill Number: 0111840** **Close Date: 09/06/2006**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-793

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	SAME	Notifier Phone:	
Caller Name:	CHARLIE MCCARTHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	CHARLIE MCCARTHY	Contact Person Phone:	(212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/15/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
OTHER PETROLEUM	UNKNOWN	0	GALLONS	0	GALLONS	

Caller Remarks:

thye have oil seepage coming from the floor of thier substation

unknown the source for now.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

3/21/02
Met with Wendell Fenner, Env Mgr. Black substance coming through floor of station. Seeping up through concrete making bubbles under paint. Took ID sampls but "did not dissolve in solvent". Mr. Fenner stated he would speak to Chem Lab to find out exactly what that means. PCB <1ppm.

Will try to accumulate on floor to collect another sample. Will possibly remove paint and bore through concrete to locate source. Mr. Fenner to inveistigate history of site. Conrete laid about 20yrs ago. Substance appears thicker than #6 fuel oil. Possibly tar, resin or MGP waste. (KMF)

4/23/02
Substance continues to seep out from under paint on floor. There is one section which appears that there is space under floor and therefore no product pushing up through soil. Appears that substance may be related to the application of paint. Other sections of station which are not painted do not have this problem. Oil ID does not register as petroleum. Possibly some sort of resin. Con Ed is looking for MSDS on paint so Chem Lab can pinpoint what they’re looking for. Sections are taped off. (KMF)

9/30/02
Walked through station with W. Fenner, E. Dessen (law), and J. O’Connell. (KMF)

9/6/06 - See e-docs for Con Ed report detailing cleanup and closure. (JHO)

Map Identification Number 324 **59TH ST GEN STATION** **Spill Number: 0111467** **Close Date: 09/06/2006**
59TH STREET MANHATTAN, NY TT-Id: 520A-0099-848

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	SAME - CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	KEVIN MCARDLE	Notifier Phone:	(212) 580-6763
Caller Name:	KEVIN MCARDLE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/12/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

con ed # 141326 spill was to basement of plate appears to have come from elec conduete spill has been cleaned today and material will be tested for pcb no sewers or waterways

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"

9/6/06 - See e-docs for spill closure documentation. (JHO)

Map Identification Number 325 **59TH ST GEN STATION** **Spill Number: 0110194** **Close Date: 01/24/2002**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-792

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	JOE LAMALFA	Notifier Phone:	
Caller Name:	SEAN MCKEEVER	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/24/2002		OTHER	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

small electrical fire in basement so they are soing air monitoring for asbestos - no readings as of yet for asbestos levels

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #141037 Notes:

Electrical fire occurred in basement cable tray, floor level, under BLR 114 at 0505hrs. Smoke condition developed and area fire watched with barrier tape. Building general evacuation warranted at 0800hrs.

BLR 114 taken off at 0535hrs. At 0754hrs opacity alarm sounded due to fire smoke entering stack. Max value of 44%, average of 22% for 21 minutes. Ended at 0815hrs.

Smoke/fire condition being monitored.

DEC Notes:

1000hrs Foley spoke to Richard Fram(DAR)and briefed him of situation. When offered a copy of the report he declined.

Map Identification Number 326 **59TH ST STATION** **Spill Number: 0108888** **Close Date: 03/16/2005**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-811

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	MR EMORY	Notifier Phone:	
Caller Name:	JIMMIE FOX	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	JIMMIE FOX	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/06/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

50 gallons unk oil in a pit - sample has been taken - clean up pending results

con ed #140505

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"

2-14-05. George Breen inspected the pit in the company of Con Ed employees John Burke and Daniel Barry. There was no sheen on the water in the pit. The water was clear. Evidently the cleanup was thorough and the repairs appropriate and satisfactory. This spill can be closed upon submission of a closure request with supporting documentation forward via e2mis system. (GDB)

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e2mis no. 140505:

09:13 John McGrath and Skip Emory - EH&S, discovered a metal plate on the floor of the IP basement by column V47 on the North
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side of the U -wall. Upon lifting the plate lead to the discovery of a pit containing what appears to be dirt, gravel and solidified #6 fuel oil residue. The amount can not be accurately determained based upon the fact that the pit contents have become so co-mingled. The pit is a three-sided structure with the open end facing South towards the 58th Street discharge tunnel. The area was isolated and a work order -#13810- to sample, clean and repair.

10:48 - Station results group could not obtain enough material to get sample. Requested Astoria Labs to come to the site and evaluate situation.

At 16:40 Astoria Labs arrived to obtain samples for PCBs, TCLP and Composite analysis.
The results were received via email 12/08 and 12/09. Results:
Grab sample of soil for PCB using EPA 608/8082 Lab sequence 01-11631-001
Total PCB < 1.0 ppm
Grab sample for oil Identification by NYSDOH 310-13 (hydrocarbon scan) Lab sequence# 01-11632-001 "The sample is too degraded to determine the source."

A land spill clean-up contractor will be brought in to determine the proper method of clean-up of the pit.

Update: 01-MAR-2005 by J. Burke
Area was inspected by J. Burke, EHS Engr., D. Barry, EHS Mgr and George Breen, NYSDEC Env Engr., on 14-FEB-2005 and the pit was found to be clean with only water in it and no sheen visible on top of water. Clean up was done by vendor and the date was not recorded on the associated work order.

Map Identification Number 327 **59TH ST GENERATING STAT** **Spill Number: 0002823** **Close Date: 11/15/2000**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-814

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CALLER - CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR CLARK	Notifier Phone:	
Caller Name:	BILL MURPHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/06/2000		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION IN THE SALT WATER

INTAKE SYSTEM TO RETIRED HP PLANT. OIL CANNOT ENTER HUDSON RIVER

CLEANUP VENDOR HAS BEEN CONTACTED AND SAMPLE HAS BEEN TAKEN.

CON ED # 131729. NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Assigned to Rodriguez for follow-up.

e2MIS Notes:

While inspecting trench system and sumps in HP basement, discovered oily substance atop surface water in retired CWS Saltwater pump vertical intake pipes. Retired SW circulating intake pumps, that take river water suction from these pits, had recently been removed by vendor. Inspection by EI and station EHS revealed about a 2" thick floating coating in each of two vertical pipe inlets. These circulators have not been used in many years but do lead to teh 58th St intake tunnel. Estimate two gallons each pipe for a total of 4 gal.

Samples taken for PCB analysis.

Existing design drawings show that this pit is rectangular and drops vertically to take suction from the 58th St intake canal. This vertical section is separate from the large circulator pit, where the retired condenser sits. Feed to this pit from the intake is more than 20ft below basement level. Tidal action will raise and lower level in this pit no more than 6ft, effectively isolating the top layer from the river.

Results received 6/6/00 <1ppm and characterized as similar to lube oil. Clean Harbors conducted cleanup from surface on 6/6 and 6/7. Cleaning of walls and slabs completed. Opening of intake permanently closed and sealed.

Map Identification Number 328 **PIER 97** **Spill Number: 1101698** **Close Date: 06/03/2011**
59TH STREET STATION MANHATTAN, NY TT-Id: 520A-0263-402

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 1814 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Any Type of RP, Including No RP - DEC Field Response - Corrective Action Not Required or Not Possible

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/15/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN HAZARDOUS MATERIAL	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

1516 THE CALLER ADVISED DISPATCH THE REPORT WAS OF A SHEEN ON THE HUDSON RIVER. UNKNOWN CAUSE. CLEAN UP IS PENDING. SHEEN SIZE 50 FEET BY 10 FEET.

DEC Investigator Remarks:

5/16/11 - Austin - See spill # 1101670 (staff responded to W. 70th St. on this sheen report, but found no discharge or evidence of the sheen) - This spill pending closure upon con Ed's EMIS submission - end

6/3/11 - Austin - Con Ed indicated that this sheen may have come from an adjoining pier's storm drain - Look at the files in the eDocs folder for further info - Spill closed - end

Map Identification Number 329 **W46TH STREET BETWEEN 11TH AVE & WEST SIDE HGHWAY** MANHATTAN, NY **Spill Number: 9600354** **Close Date: 04/06/1996** TT-Id: 520A-0101-557

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1824 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: WEST 46TH ST
Revised zip code: 10036

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	TIM - CON EDISON	Spiller Phone:	(212) 560-6763
Notifier Type:	Responsible Party	Notifier Name:	PANZANLLA	Notifier Phone:	
Caller Name:	TIM SOLICH	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/05/1996		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	PETROLEUM	2.00	GALLONS	2.00	GALLONS	SOIL
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
OTHER PETROLEUM	PETROLEUM	2.00	GALLONS	2.00	GALLONS	

Caller Remarks:

employees bled line - occurred since april 5th - may contain benzene

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
4/8/96: Tim Solich, Con Ed CIG - occurred at 1800 hrs. Originally reported as 2133 hrs. Gas line was bled - leaked one quart residue oil onto bluestone.

Evn. Affairs (Mariela Gonzalez) called with updtae - condensate may contain benzene. Cleanup completed 4/6 @0100 hrs.

Map Identification Number 330 **NYC PARKS DEPT** **Spill Number: 9912047** **Close Date: 03/20/2003**
537 WEST 69TH ST NEW YORK, NY TT-Id: 520A-0095-282

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1825 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 537 WEST 59TH ST
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Local Agency
Caller Name: ZOLA BAILEY
DEC Investigator: SACCACIO

Spiller: NYC PARKS DEPT
Notifier Name: DISPATCHER #421
Caller Agency: NYC DEP
Contact for more spill info: NYC DEP

Spiller Phone:
Notifier Phone: (212) 570-4300
Caller Phone: (718) 595-6700
Contact Person Phone: (718) 595-6700

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/18/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ABOVE MATERIAL REPORTED SPILLED AT ABOVE LOCATION. FIRE DEPT

STILL ON SCENE. CONTACT CALLER WITH ANY FURTHER QUESTIONS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 331 **537 WEST 59TH STREET** **Spill Number: 0202758** **Close Date: 06/18/2002**
537 WEST 59TH STREET MANHATTAN, NY TT-Id: 520A-0098-318

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1825 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: N/A - PARKS AND REC'S | Spiller Phone:
Notifier Type: Affected Persons | Notifier Name: SAME | Notifier Phone:
Caller Name: RUBIN ABREU | Caller Agency: MANHATTAN NEIGHBORHOOD | Caller Phone: (212) 757-2670
DEC Investigator: JMKRIMGO | Contact for more spill info: RUBIN ABREU | Contact Person Phone: (212) 757-2670

Category: Investigation indicates there was no spill.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/14/2002		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

CALLER STATES THEY HAVE A DIESEL SMELL COMING IN THIER BUILDING

EXT 301

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Faulty burner on a boiler next door (owned by Dept. of Parks & Recreation) emits odorous fumes which then sucked into ventilation system of an adjacent building (537 West 59th Street).

Map Identification Number 332 **Spill Number: 0202749** **Close Date: 07/17/2003**
537 W 59TH ST MANHATTAN, NY TT-Id: 520A-0098-317

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1825 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: BUILDING BEHIND | Spiller Phone:
Notifier Type: Affected Persons | Notifier Name: ANN PHEIS | Notifier Phone: (212) 757-2670
Caller Name: ANN PHEIS | Caller Agency: CITIZEN | Caller Phone: (212) 757-2670
DEC Investigator: SMSANGES | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/13/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

CALLER STATES THAT YESTERDAY THEY NOTICED A GASOLINE/EXHAUST SMELL IN THEIR BLUILDING - THEY THOUGHT IT WAS COMING FROM THEIR BLDG BUT UPON FURTHER INVESTIGATION IT WAS FOUND THAT SOMETYPE OF SMOKE WAS BE COMING FROM THE BLDG BEHIND THEM

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 333 **COMMERCIAL SITE** **Spill Number: 0412188** **Close Date: 05/26/2006**
2-16 WEST END AVE MANHATTAN, NY TT-Id: 520A-0095-264

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1854 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Other
Caller Name: MANFRED BOHMS
DEC Investigator: aaobliga
Spiller: CAMBRIDGE MANAGEMNET - COMMERCIAL SITE
Notifier Name: MANFRED BOHMS
Caller Agency: GANNETT FLEMING
Contact for more spill info: CAMBRIDGE MANAGEMNET
Spiller Phone: (212) 889-3500
Notifier Phone: (516) 671-8440
Caller Phone: (516) 671-8440
Contact Person Phone: (212) 889-3500

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/15/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

DURING TEST PITS FOUND, CONTAMINATED GROUNDWATER: JEFFRERY VOGHT FROM DEC IS WORKING ON THE EXISTING SPUILL NUMBER FROM THIS SITE

DEC Investigator Remarks:

2/11/05-Vought-Received message from Manfred Bohms (Gannett Fleming 516-671-8440x1308) that sheen was detected on groundwater during excavation for new foundation. See also open spill #0212404 at same location. Vought called Bohms and seven test pits were dug for geotechnical investigation. Spill at 12 and 16 west end Avenue. Petroleum contaminated soil at interface and sheen on groundwater (at 16' below grade). Area going to be excavated and dewatered via remedial plan on 0212404. Soil samples and groundwater samples were collected. Report shall be received to DEC by 3/1/05.

6/7/05-Vought-Spoke to Manfred Bohms and one (550-gallon) UST was discovered. Two drums of impacted soil was removed from underneath UST and endpoint samples were collected. No PBS registration required as site is under 1100 gallons for PBS requirements. All soil will be excavated down to groundwater.

9/12/05-Obligado- Spill transferred from Vought to Obligado.

5/11/06 - Obligado - Called Manfred Bohms, he said closure report is under review by client. Expects to receive it back within several days.

5/25/06 - Obligado - Spoke to Manfred Bohms, he said closure report is complete and will be sent in next few days.

5/31/06 - Obligado - Sent NFA letter

5/26/06 - Obligado - Received Closure Report. Requests closure based on 1000 gallon UST and contents removed, posed ex samples exhibit SVOC concentrations similar to "urban fill" material. 20 cubic yards of visually contaminated soil removed. 8,500 tons of soil removed as part of construction activities. All soil and bedrock removed down to 31 ft below original grade. Extensive dewatering as well to lower water table down to 31 ft bgs from original level of 15 ft bgs. See also spill number 0212404 for dewatering ground water anayltical results. NFA granted.

Map Identification Number 334 **GASETERIA** **Spill Number: 0212324** **Close Date: 04/24/2003**
2-16 WEST END AVE MANHATTAN, NY TT-Id: 520A-0095-262

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1854 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	GASETERIA	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	ROBERTO PORCELLI	Notifier Phone:	(718) 782-4200 ext. 2
Caller Name:	ROBERTO PORCELLI	Caller Agency:	GASETERIA OIL CORPORATION	Caller Phone:	(718) 782-4200 ext. 2
DEC Investigator:	JBVOUGHT	Contact for more spill info:	ROBERTO PORCELLI	Contact Person Phone:	(718) 782-4200 ext. 2

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/14/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

not an aparent spill, just an odor of gas

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
4/24/2003-Vought-See spill #0212404 (Tank test failure) at same location. This spill closed by Vought.

Map Identification Number 335 **OLD CAB GARAGE** **Spill Number: 9803858** **Close Date: 12/07/2006**
555 WEST 59TH ST NEW YORK, NY TT-Id: 520A-0096-218

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1885 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	OLD CAB COMPANY	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	KEN SMITH	Notifier Phone:	(516) 333-4100
Caller Name:	KEN SMITH	Caller Agency:	HASKO UTILITIES	Caller Phone:	(516) 333-4100
DEC Investigator:	rmpiper	Contact for more spill info:	ABOVE CALLER	Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/26/1998	06/28/2004	OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller told by local region to call spill in of found chemicals in soil under bld from 20 years ago.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
12/23/2003 Sangesland sent a "Do Work" letter to: Compliance Officer, Hasco Utilities Co, Inc. 110 Swalm Street, Westbury, NY 11590.000

DEC has given a deadline of Feb 25, 2004 to submit a delineation, remediation plan for the soil contamination found at this building.

1/5/2004 First letter came back with a "non deliverable" note

Called the contact number and found a new address in Suffolk County. New letter sent to:

David Kohart, Hasko Utilities Co, Inc. 14 Industrial Blvd, Medford, NY 11763. New Deadline of March 15, 2004

1/12/2004 Sangesland spoke with David Kohart regarding this property. He explained the following history on the building.

1977 Hasko buys the building from a Taxi Garage company

1982 Closes tanks by NYCFD Standards - Slag fill tanks.

1998 Hasko Mortagages building, Bank requires Phase I & II report to be done. "Trace" contamination found, spill report filed.

To comply with Bank, Tanks were opened, refilled with cement and a Tank Closure Report submitted (to who?).

Sangesland requested copy of Phase I & II and Tank Closure Report. Hopefully this is enough info to show the contamination levels are low and the spill can be closed out.

1/20/2004 Sangesland received a report from David Kohart, VP

Hasko Utilities Co Inc. 14 Industrial Blvd, Medford NY 11763

(631-924-6900 / 631-765-6924)

6/1/2004 Based on submitted report, site is primarily a gasoline site (12 - 550 gal tanks) abandoned in 1996. Contaminated soil found on site. Project transferred from Sangesland to Rommel.

6/4/04

Stip mailed to David Kohart with deadline of 6/25/04. Rommel

7/11/05 Case has been transferred to Albany Remediation Group - Attn: Mike Komoroske

8/2/05- temperary transferred lead to Woodward -review of file revealed that a Christopher DiCarlo (212-675-3225)from Fleming Shea called 7/20/05 requesting to combine investigation of this spill with Spill #0503781. A second call from him said he wished to combine this site with spill #0503229 not the one previously mentioned. Returned call and left message to call me back to discuss issue.

11/21/05 Never recieved a return call to my messages. Still need to contact Mr. Dicarlo.

3/29/06-Vought-Called Valerie Woodward and spill transferred to Vought. Valerie will scan file and email to Vought ASAP. For further information on spill see spill #512733 at same location.

05/17/06-Vought-Spill transferred from DEC Vought to DEC Piper as per DEC Austin.

12/7/06- DEC Piper received addendum report. The well has been resampled and results show slight exceedances of Benzene 16ppb, Isopropyl benzene 16.5ppb and n-propylbenzene 8.3 ppb. This is a significant decrease. Source area has been remediated through excavation, vapor barrier installed and active SSDS is ongoing. This case is closed as well as 0514548, 9803858, 0503781, 0503229. See E-docs if warranted. For further information on spill see spill #512733 at same location.

Map Identification Number 336 **VACANT LOT** **Spill Number: 0512733** **Close Date: 12/07/2006**
555 W. 59TH ST. MANHATTAN, NY TT-Id: 520A-0096-219

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1885 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: PAREK KHOURI
DEC Investigator: rmpiper

Spiller: PAREK KHOURI - VACANT LOT
Notifier Name: ERIK MUELLER
Caller Agency: LANGAN ENGINEERING
Contact for more spill info: PAREK KHOURI

Spiller Phone: (212) 479-5450
Notifier Phone: (212) 479-5450
Caller Phone: (212) 479-5450
Contact Person Phone: (212) 479-5450

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/01/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

This is a historical spill. No tanks were found in the ground but soil samples show contamination. Excavation has already begun to clean up the contaminated soil.

DEC Investigator Remarks:

02/03/06. Feroze, PBS of this site is # 2-603010. Talked to Mr. Prrek 212-479-5450. He informed that they will remove all contaminated soil. Previously it was a gas station. They already applied for registration renewal. Contamination soil letter is sent to:

Parek khouri
Lincoln Engineering
360 West 31st Street
8th Floor
New york, NY 10001

03/15/06. Spill is transferred from Feroze to Kumar Patel.

03/21/06-Vought-See closed spill #0514548 which is odor complaint from nearby school (The Beacon School) due to odors from excavation at the above site. Vought performed site visit and site currently being excavated for a 34 story residential building. Depth of excavation is approximately 30’ with no groundwater visible. Vought noted gasoline contaminated soil under southwestern

portion of site. Vought met with site construction manager(Kenneth Faulds-Plaza Construction 917-578-6620), environmental consultant(Ilkay Cam-Langan Engineering 212-479-5410, Eric Muller-Langan Engineering-646-285-4853), owner representative(Ramona Allegrini-Element West LLC 646-529-7982). As per Muller, site is an E-designated site and DEP approved workplan which include Community Air Monitoring Program (CAMP). At time of odor complaint, contaminated soil was being excavated and stockpiled onsite. Tarps were ordered to cover soil stockpile.

Vought, Faulds, Muller and Allegrini visited the Heschel School located at 20 West End Avenue(Principal-Ahuva Halberstam 212-246-7717, super Gino Bebinsta 917-843-3504) which was across street from site. Periodic odors were noted but no reports made due to low concern. Halberstam also noted that students were not allowed to leave the school during the day and windows were going to be kept closed as per DEC. Vought inspected basement of school and no visible leaks or source of odors noted. The Heschel school keeps all windows closed and is running on HVAC system (hence no odors in school). Vought provided contact information to school including contact information for site management so that if odors were noticed then managment could be contacted directly.

Vought, Faulds, Muller and Allegrini visited the Beacon School located at 227 West 61st Street (Principal-Ruth Lacey 212-245-2807, super-Dimitri-347-865-0760) which was source of odor complaint. Odors were noted for past two weeks but were very strong yesterday afternoon (coinciding with excavation of contaminated soil). Lacey contacted Schools Chancellor who contacted Bd. of Ed, NYCDEP. NYCDEP (John Wilson 646-879-7329) performed site visit on 3/20/06. Partial evacuation of school occurred on 3/20/06 as per Board of Education ATC was hired by Board of Education and performed air monitoring at school on 3/21/06.

Patel to require via phone: 1)submission of reports that were sent to DEP and all previous reports onsite(Patel to contact DEP, Langan(Ilkay Cam)and owner for reports 2)Contact address for site owner(Patel to contact Allegrini for information) 3)contact information for ATC(Patel to contact Dimitri for ATC contact)

DEC to send Stipulation Agreement (as per DEC Austin) requiring: 1)collection of endpoint samples 2)delineation of soil and possible groundwater contamination 3)installation of vapor barrier and possibly passive ventilation system 4)submission of CAMP and addition of hourly monitoring of both schools to CAMP 5)submission of all previous reports onsite 6)covering of all contaminated soil stockpiles 7)excavation of contaminated soil to be performed during non-school hours.

03/21/06-Hiralkumar Patel. Spoke with Ramona Allergrini. she told me that there are four partners and somebody will call back with name and number whom going to get letter from the Department. she also told me that she received call from school principal complaining odor again in building. Spoke with Muller at Langan. he is at school right now. he hasn't found any odor in school building. little odor out side of building. all soil work is stopped at location.
Spoke with Dimitri and he told me that he will call back, with ATC person's name and number, after some time.
received call from Kenneth Faulds. he gave me following information about owner:

Lee Samiul
Brach Realty
Element West
11th Floor
400 Broome Street
New York, NY 10013

and as this is an organization there are so many people involved. Kenneth will call back with owner's number.

03/22/06-Hiralkumar Patel. REceived message from Kenneth. he gave me number for owner is (212) 775-1111, FAX: (212) 925-4412. Left message on this number.

03/22/06-Vought-Received call and spoke to Michael Kumrev (212-775-1111) who is partial owner of site. Vought explained requirements to Kumrev including requirements of Stipulation Agreement.

ATC person who was on site for air monitoring:
Michael Donovan
Ph. (212) 353-8280

Tarek Khoury from Langan
(212) 479-5450

03/22/06-Hiralkumar Patel. Spoke with Collista Nazire (ph. 718-595-4401) at DEP. she gave me name and number of project manager at DEP who is handling this site. project manager is Amy Ma (amyma@dep.nyc.gov ph. 718-595-6658, FAX: 718-595-4479).

Spoke with Eric Muller (Fax: 212-479-5444) and asked him to send all the previous reports to DEC that he send to DEP and owner. Spoke with Mike (Ph. 212-353-8280, FAx: 212-353-8306) at ATC. they took air readings with instrument and found maximum of 1 ppm inside the school building. they measure for CO also but haven't found anything. Mike has submitted report to board of Education and denied my request to send copy of result report he has. but he gave me person's name and number in Board of Education who has this report and we can ask him. person's name is Mohamad Hemida (Office: 718-361-3807, Cell: 347-386-4417). Spoke with Mr. Hemida and as he was out of office, he asked me to call back tomorrow. ATC went on site again and Mr. Hemida will get result from second visit tomorrow. once he review that he will fax me the reports.

03/23/06-Hiralkumar Patel. Soil contamination letter with STIP sent out to Michael Kumrev at
Brach Realty requesting delineation of soil and groundwater contamination, endpoint samples, installation of vapor barrier, Adherence to the New York State Department of Health Generic Community Air Monitoring Program and submission of all previous reports. also sent copy of CAMP. letter faxed to Amy Ma in DEP, Eric Muller at Langan, Ruth Lacey at Beacon School and Mr. Kumrev at Brach REalty.
Received call from Mr. Muller. He told me that some other company did initial investigation and they had submitted report to DEP. Langan hasn't submit any report. they only submitted some letters. i have asked Mr. Muller to send copy of all the reports/letters they have sent to owner/DEP. he told me that he need permission from owner and will call me if he can send those documents to me or not. the previous consultant was RA Consultant. Muller doesn't have their phone number.

Received copy of air monitoring results from Mr. Dimitris. reports shows 0-1 ppm PID readings inside and outside of building.

03/27/06-Vought-Received two messages from Principal Lacy that odors were persisting at school. DEC Rahman visited site and spoke to Lacy. No odors in school at time of Lacey visit. As per Rahman work was being performed onsite and as soon as PID indicating hits work stopped. Vought called Kumrev and left message to return call to DEC immediately. Vought called NYCDEP Ma and left message to return call regarding assistance with site and enforcement of Health and Safety Plan. Vought called Cabbagestalk and left message to return call to DEC. Vought called Parek Khoury and left message inform them of additional odor complaint and request copy of Health and Safety Plan. Vought called Ramona Allegrini and left message to return call. Vought called Kenneth Faulds and excavating and contaminated soil was excavated from and area that was not known to him as Langan did not tell him what

areas will contaminated. Vought received call from Khoury and left message to return call.

03/27/06 Sharif Rahman- Performed a site visit after receiving odor complain from the school principla Ruth Lacey. I met Ruth Lacey at the school but could not detect smellable petroleum odor inside the school building.In front of the school entrance PID reading was 2.5- 2.7 ppm.The principal told me the odor comes on and off, and the time we were in the building the odor disappeared.I inspected the construction site at 599 W59th street and met site safety manager Timothy Searvant(347-723-6387) along with Supervisor Mr. Kenneth. I smelt strong petroleum odor inside the lot, and PID reading was fluctuating between 5.00 - 7.70 ppm. Timothy Searvant indicated that they were removing contaminated soil from north western side and as they noticed elevated PID readings, the excavation work was stopped. I suggested them to contact DEC case manager Jeff Vought before proceeding with further excavation work.

03/27/06-Vought-Teleconference with DEC Urda, DEC Patel, DEC Vought, Steve Russo (212-421-2150 fax: 212-421-2035). Agreed on minor change to CAP and discussed possible stop work order. Russo requested that he and Langan (Khoury) be sole contacts for further requirements.

03/28/06-Vought-Received message from NYCDEP Ma that she can call Langan for NYSDEC to get report. Vought called Ma and she will be sending DEC copies of all DEP letters and she will contact DEC Cabbagestalk regarding teleconference today regarding site. Vought called Principal Lacy and left message with Lacy to return call to DEC. Vought called Parek Khoury and per Khoury: previous Phase I was performed by Fleming Lee Shue. Site had 15-20 USTs on western portion and north of site. Soil and groundwater sampling with VOC exceedences around tank area. Groundwater data showed no impact but groundwater hard to reach. Soil will be removed to bedrock with installation of vapor barrier. Approximately 1.5 months ago Langan was hired as new consultant. Bedrock has serpentine with possible asbestos (being handled as haz waste) and hence dust suppression. Soil will be excavated to bedrock. No bedrock remediation is required due to potential ACM. During excavation additional tanks were found and PBS forms were updated. Khoury will be willing to staff someone full time at school. Vought received via FedEx: Remedial Investigation Report(Langan), Remdial Action Plan (Langan). Vought had teleconference with DEC Austin, DEC Urda, DEC Nagi, DEP Cabbagestalk and DEP Ma. DEP will seek stop work order and will contact DEP Licata to stop work and return call to DEC. DEC Rahman performed site visit to Beacon School and no odors were detected and no work was going on eastern portion of site. As per DEC Rahman, he was told by Ilkay Langan they also detected 5-7ppm at side of excavation. Vought called Lacy and left message of progress and to inform DEC if any odors are detected.

DEC requires: 1)submission of figures 1-3 of Remedial Investigation 2)full time staffing of someone at school 3)collection of endpoint samples 4)delineation of soil and possible groundwater contamination especially at former soil contamination locations 5)possibly passive ventilation system and submission of a letter certifying that the vapor barrier will be sufficient to withstand the concentrations of contamination present on the site after the installation is complete 6)addition of monitoring of both schools to CAMP 7)submission of all previous reports onsite 8)covering of all contaminated soil stockpiles 9)excavation of contaminated soil to be performed during non-school hours 10)notification to NYCDOH and NYSDOH 11)addition of residential construction letter to STIP cover letter 12)Updating of PBS registration to reflect removed status and not closed-in-place status 13)copies of previous reports)555 West 59th Street Phase II ESA, Impact Environmental(3/23/94), 555 West 59th Street Soil Screening and Tank Investigation Work, Tanks Closure Report, Don Carlo(11/4/03) for other spill numbers for site 14)Groundwater samples or vertical delineation in areas of highest soil contamination

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3/29/06-Vought-File Review by Vought:

See also closed spill #0514548 for odor complaint at adjacent Beacon School, open spill #9803858(soil contamination, STIP sent on 6/4/04), open spill #0503781(discovery of old tanks), open spill #0503229(soil contamination found during borings).

PBS Registration #02603010. PBS registration up to date as per DEC Krimgold.

Letter from Hasko Utilities (Kohart) to NYFD-4/10/89. "This is to inform you that we abandoned our gasoline storage tanks in our building at 555 West 59th Street in Manhattan. The tanks were in good order and without leaks but we no longer had use for them so they've been filled with concrete".

Invoice from Alvin Petroleum-4/13/89. Invoice for tank abandonment.

Letter from DEC Sangesland to Hasco Utilities-12/23/03. Letter sent for spill #9803858. Letter sent requiring delineation and submission of a remedial action plan. "This report is required to be submitted to DEC by February 25, 2004".

Stipulation Agreement from DEC Rommel to Hasko (Kohart)-6/4/04. Stipulation Agreement sent and mailed certifed mail on 6/4/04. "If the signed Stipulation has not been received by June 25, 2004 the Department will hire a contractor to perform the work. No signed Stipulation in file.

Letter from Casey & Hibner (John Hibner)-6/24/04. "Please be advised that I am the attorney for Hasko..." "Hasko Utilities Company transferred all its right title and interest to the subject premises on January 30, 2004 to 55559 West Realty, LLC. Their attorney is Arthur Israel, 800 Third Avenue, 30th Floor, New York, New York 10022 and his phone number is 212-355-5353. The property was taken subject to any and all existing environmental conditions. Please contact the new owners with respect to any of the requirements contained in your correspondence".

Letter from Hasko(Kohart) to DEC Sangesland-1/16/04. "I am writing pursuant to our phone conversation". Enclosed is MTS EnviroSurv report.

Soil Screening Study and Tank Investigation Work (MTS EnviroSurv)-5/6/98. Report for 555 West 59th Street. Former use of site was a taxi garage. NYCDOB records indicate gasoline tanks were installed onsite dating back to 1940's. Lab results showed elevated VOCs in the soil. Groundwater not encountered in any of the borings.

Remedial Investigation Report (Fleming Lee Shue) August 2005 submitted to NYCDEP and prepared for Sive, Paget and Riesel. Soil and groundwater sampling activities were approved by NYCDEP. Site will be redeveloped for 35-story residential tower with cellar and sub-cellar extending to a total depth of 28" below grade. Sub cellar will be used for parking and cellar will be used for athletic facilities, theatres and a social space etc. Previous reports include 555 West 59th Street Phase II ESA, Impact Environmental(3/23/94), 555 West 59th Street Soil Screening and Tank Investigation Work, MTS EnviroSurv(5/6/98), Tanks Closure Report, Don Carlo(11/4/03). For investigation, site was divided into three sections. SECTION 1 included addresses of 543, 545, 547 West 59th St and was formerly utilized as a junkyard until 1976. SECTION 2 included addresses of 549, 551, 553 and 555 West 59th St and 248, 250, 252, 254 West 60th Street and was formerly utilized as a automobile repair shop and historic maps indicate three (550-gallon) gasoline USTs in the north central portion of the structures. Previous Phase II performed on section 2 by Impact Environmental. Soil analyticals from Phase II show TAGm 4046 VOC exceedences to a depth of 11'-14'bg. MTS EnviroSurv found 12 USTs in section 2 and performed seven borings inside building in 5/96. SECTION 3 included 238, 240, 242, 244 West 60th Street and was formerly utilized as tenemant housing and a wharehouse. Wharehouse had two USTs and one AST which were closed by Don Carlo (two 550-gallon) gasoline USTs and one 1080 fuel oil AST in basement. Five soil samples collected by Don Carlo during

gasoline UST excavation and during fuel oil AST with no VOC detections. "there is a ridge of shallow bedrock running through the central portion of the section one from the northwest corner extending southwest into section two". Groundwater flow to the west generally. Remedial Investigation included installation of 32 soil borings. Two monitoring wells were installed and rest of borings performed via Geoprobe. Two other monitoring wells were discovered (on the eastern portion of section 2 and in the sidewalk at the southwest corner of section 3. Soil analyticals from deep samples show: 5600ppb toluene(SB17 11-12'.bg), 22000ppb ethylbenzene(SB17 11-12'bg), 110000ppb xylene(SB17 11-12'bg), 21000ppb napthalene(SB17 11-12'bg), 7700ppb ethylbenzene(SB18 9-10'bg), 14000ppb xylene(SB18 9-10'bg), 23000ppb napthalene(SB18 9-10'bg), 60000ppb ethylbenzene(SB21 17-18'bg), 250000ppb xylene(SB21 17-18'bg), 31000ppb napthalene(SB21 17-18'bg), 22000ppb toluene(SB24 11-12'bg), 31000ppb ethylbenzene(SB24 11-12'bg), 158000ppb xylene(SB24 11-12'bg), 23000ppb napthalene(SB24 11-12'bg). Groundwater samples show no detections of VOCs (note that wells are not located in areas of soil contamination). Boring logs indicate: for SB17 at depth of 16'bg indicate "product in soil" and groundwater, for SB18 PID of 250ppm w/ gw at 14'bg and EOB at 14'bg, for SB22 PID of 1550ppm at 12'bg with EOB at 15' on bedrock, for SB21 1200ppb at 18'bg w/ gw at 17'bg and bedrock at 19'bg, for SB22 PID of 1550ppm at 12'bg and bedrock at 15'bg.

Letter from NYCDEP Cabbagestalk to Steve Russo (Sive, Paget & Riesel)-6/2/05. DEP reviewqed the Remedial Investigation Workplan for construction of residential apartment building. Phase II acceptable to DEP pending inclusion of: 1)detailed survey of asbestos containing materials 2)dust control measures due to Pb based paint 3)survey for fluorescent ballasts and any other PCB lighting fixtures 4)soil disturbance not take place until aforementioned conditions/recommendations are incoporated into a final workplan 5)submission of how applicant plans to satisfy the noise E requirement.

Remedial Action Workplan (Fleming Lee Shue)-September 2005 "The proposed building plan calls for the construction of a basement that will cover the entire property footprint. Soil in the area of the proposed basement will be excavated to the depth of 28 feet." Plan also includes UST removaland collection of endpoint samples. "During the soil excavation and removal, a Construction Health and Safety Plan (Construction HASP) will be implemented to protect workers from exposure to SVOCs, pesticides, and heavy metals. Dust suppression will be maintained by the contractor during excavation and grading activities as described in the construction HASP. A copy of the construction HASP is included in Appendix B". HASP section 23.3.2 calls for monitoring with a PID and "measurements will be taken prior to commencement of work and for at least 1 minute every 60 mintues during the work". Community Air Monitoring provides that "air quality will be continuously monitored at the downwind perimeter of the contaminated work area while soil disturbing activities are occurring." Action levels are as follows: <5ppm above background:continue work, 5<x<10ppm above background: implement vapor emission response plan, x>10ppm above background:stop work and perform downwind monitoring in accordance with vapor emission response plan. Vapor Emission Response Plan includes contact of local police authorities if levels measured within 20 feet of the nearest downwind residential or commercial structure exceed 10ppm above background or exceed 5ppm over background for a period greater than 30 minutes. "...pre-applied waterproofing membranes that bond integrally to poured concrete will be installed under the basement slab and along the foundation wall. Dewatering activities will occur as basement will be below groundwater level and DEP discharge permit will be obtained.

Remediation Action Workplan Addendum (Fleming Lee Shue) to DEP Ma-10/17/05. "Due to the exclusion of Lot 12 and the inclusion of Lot 51, the Development plans have been altered (see attachment A). The developement will still consist of a residential tower that will occupy the entire site; however, the basement plan has been altered. The basement will be located underneath the entire development, while the sub-basement will be located on the western portion of the site, only. The basement will be used for parking, mechanical space, staff areas, common space and retail space. The sub-basement will be used for common space, retail storage and mechanical areas." "The manufacturer will supply a letter certifying that the vapor barrier will be sufficient to withstand the concentrations of contamination present on the site after the installation is complete".

Letter from NYCDEP Cabbagestalk to Russo-9/22/05. Review of Remedial Investigation and requirement of: 1)submission of a RAP to DEP for approval and "RAP shall delineate that all excavated soils an fill materials will be removed from the site 2)site should have a site specific health and safety plan 3)installation of a vapor barrier 4)coverage of all stockpiles with polyethylene sheeting 4)maintenance of dust suppression 5)coverage of all non concrete areas with 2' of clean fill 6)removal of ASTs in accordance with DEC regulations. "Note that the New York State Department of Environmental Conservation has regulatory authority for protection of groundwater, and may have further requirements".

Letter from NYCDEP Cabbagestalk to Russo-11/29/05. NYCDEP reviewed Workplan Addendum. "We find the RAP, HASP and vapor barrier acceptable". NYCDEP has one requirement with respect to noise designation.

Letter from NYCDEP Cabbagestalk to NYCDOB Osorio-12/7/05. "DEP has concluded that the applicant may proceed with the construction...".

03/31/06-Vought-File review continued by Vought:

Mail to DEC Rahman from Fleming Lee Shue (DeCarlo) for spill #0503229-2/24/06. "Please find enclosed a CD with A PDF copy of the Remedial Investigation Report and Remedial Action Workplan approved by the New York City Department of Environmental Protection for the 60th Street Site. This includes data for the 244 West 60th Street Spill."

Contaminated Soil Letter from DEC Feroz to Lincoln Engineering-3/9/06. "...a letter report asserting a cause of release and sumamrizing cleanup activities.....must be submitted to this office no later than one month from the date of this letter..."

Fax from Dimitrios Stefanopoulos(Beacon) to DEC Patel-3/23/06. Report from ATC Associates-3/22/06. Report of "limited indoor air quality assessment conducted on March 31, 2006 in the morning" at the Beacon School. "Later that same day in the late afternoon ATC was requested again to return and check for the diesel fuel odor". Survey performed using PID. "TVOCs were detected in the school and ranged from 0.0 to 0.6ppm inside and were 0.0 ppm outside the building. The highest readings were on the 2nd floor in the vicinity of the science rooms". Classrooms and corriders were again tested in the afternoon and "TVOCs were detected in the school and ranged from <.01 to 2.0ppm inside and were 0.0ppm outside. The highest readings were from the chemicals in the chemistry room and the storage room of chemicals. All other representative readings taken were <0.1ppm." "No odors were detected in the assessed locations at the time of ATC's visits". Report concludes that "Based on our observations and measurements of (TVOCs) and CO, ATC concludes that the assessed locations were suitable for occupancy at the time of ATC's assessment".

Construction Safety and Health Guidelines (Plaza Construction), Site Specific Health And Safety Plan(HASP) and Mayrich Construction Project Safety Program including MSDS Information-
3/23/06. No mention of vapor monitoring or soil contamination.

Stipulation Agreement from DEC Patel-3/23/06. Stipulation Agreement sent to Micheal Kumrev requiring delineation of soil contamination collection of endpoint samples, installation of vapor barrier, adherence to DER-10 CAMP, submission of all previous reports. CC to NYCDEP Ma, Langan Muller and Lacy(Beacon). CAMP attached to Stipulation.

Phone call with DEC Urda, DEC Vought, DEC Patel, Tarek Khoury and Steve Russo-3/24/06. Russo requested following change to Stipulation CAP that "Respondent shall immediately submit and Investigation Summary Report that was previously submitted to NYCDEP" be included in CAP language.

Letter from Langan (Ilkay Cam-Spanos)-3/27/06. Attached are Remedial Action Workplan, Remedial Action Workplan Addendum and Remedial Investigation Report from Fleming Lee Shue.

Email fron Langan (Khoury)-3/28/05. "Atttached are PID readings from last week and today as well. As you can tell the readings are within acceptable levels. The highest PID reading today was at 1:22 PM and was 4ppm. This reading is still minimal reading and does not trigger safety or health risk issues".

Email from Langan Khoury-3/28/06. "In response to the odor complaint from the Beacon School and to efficiently and promptly respond to your concerns the following is being implemented immediately": 1)work at the impacted contaminated soil along 60th Street side of the project was halted for the day 2)"all commitment made to DEP in the RAP and CHSP are being followed to the letter" 3)PID readings will be taken all day along west 60th street and west 61st street by Beacon School. All PID readings were O on 3/28/06 4)The area with impacted material "is clearly defined and is covered with plastic sheeting" 5)Site visit to school was conducted with DEC and no complaints were noted 6)ASR will deploy foam suppressant at the site as of 7:30am tommorrow using L-10 bioenzyme product.

Letter from NYCDEP Cabbagestalk to NYCDOB Osorio-3/28/06. "The New York City Department of Environmental Prorection, Bureau of Environmental Planning and Assessment(DEP) is rescinding its December 7, 2005 Notice to Proceed and requests that New York City Department of Buildings issue a notice of intent to revoke permits for work currently proceeding at 555 West 59th Street...". "Currrent work at the site must stop immediately until we are assured that remedial/construction activity will proceed in a manner protective to public health and the environment".

Email from Steve Russo to NYCDEP and NYCDOB-3/28/06. "I am a little surprised that this action is being taken untilaterally without giving us an opportunity to address any concerns". "...we respectfully request that that DEP rescind its recission..." Request to meet onsite on 3/29/06. "There will be no disturbance in the affected area." Email also mentioned mitigation techniques. Later email from Russo that he was "advised that contaminated area was sprayed with foam.." and no work was going to occur in affected areas during the day. Russo and Khouri will be onsite at 1pm to observe conditions and requested for meeting with DEC and DEP.

Meeting at Site with DEC Vought, DEC Urda, Ramonal Allegrini(Element West 646-529-7982), Eric Johnson(Plaza Construction 212-849-4800), Rich Connor(Plaza Construction 212-849-4800), James Furey(Mayrich 718-378-2600), Steven Muller(ASR 212-809-1110), John Rhodes(Naley & Aldrich 212-785-8200), Steven Russo (Sive Paget and Riesel 212-421-2150), Jane Gol(Element West 646-202-9674), Lee Samuels(Element West 973-477-6448), Mohammed Khaja-Moinuddin(NYCDEP 718-595-4445), Joel Laudes(Langan 212-479-5404), Erick Muller(Langan 646-285-4853), Richard Levato(ASR 212-809-1110)-3/30/06. DEC required and Element West agreed to staffing one Langan employee at school at all times. Mitigation measures include VOC and dust monitoring, placement of foam on excavation, immediate removal from site of contaminated soil, loading of trucks at bottom of excavation, application of L-10 enzyme, use of vapor barrier. As per Plaza concrete scheduled to be poured in 5 days. DEC noted that vapor barrier had not been demonstrated as of yet to be compatible with petroleum contamination. NYCDEP discharge pertmit was applied for despite no groundwater in excavation. DEC requires: 1)collection of endpoint samples 2)soil investigation of contaminated area including collection of groundwater samples at highest areas of contamination. Vought received call from Khoury(Langan) later on 3/30/06 that three bedrock wells were going to be installed and proposal will be submitted to DEC.

Letter from Langan(Khoury) to NYCDEP Cabbagestalk-3/30/06. Langan commits to the following: 1)community dust, odor and Vapor Monitoring. Real time continuous monitoring being implemented. Additional commitments include excavation during non work hours,

deploying of foam suppressant, application of L-10 bacteria, full time monitoring at Beacon School, "all petroleum impacted material will be excavated for offsite disposal", collection of endpoint samples, "the foundation slabs will not be poured until the remaining soil under the proposed slab is tested, the results transmitted to the NYCDEP and NYSDEC and approval by either or both agencies is granted", installation of three groundwater rock wells, designing a sub-slab depressurization system if soil and groundwater data show subsurface contamination, prepare a remedial workplan for NYSDEC and NYCDEP for review.

Phone Conference with DEC Urda, DEC Austin, DEC Vought and DEP Cabbagestalk-3/31/06. NYCDEP Cabbagestalk will contact DOB for stop work order as RAP submitted to DEP was not accurate. NYCDEP also required submission of a workplan.

Email from Ilkay Cam-Spanos to DEC, DEP and Khoury-3/31/06. "The following items have been implemented and on-going": 1)excavation being performed from 4:30-7:30am 2)continuous PID monitoring at the Beacon School and onsite 3)collection of two endpoint soil samples on 3/13/06 and 15 endpoint soil samples on 3/31/06 4)installation of three bedrock wells.

4/1/06-Vought-Called Khoury for submission of boring location plan and left message to return call to DEC. Vought spoke to Khoury and endpoint samples will be collected and three were collected one month ago and ten samples were collected from site. Samples were collected from hand augres one foot below surface. Plan will show bedrock depth and contaminated soil. Six or seven samples will be collected from further excavation of contaminated soil. Driller will install rock wells along 60th street level inside excavation and will be installed as temporary wells and will be closed once concrete is poured. Khoury will submit site plan and soil and groundwater data, designing vapor intursion system (which will not be used if soil results are clean). DEC required collection of endpoint samples at areas of highest historical contamination with no vertical delineation(SB17, SB18, SB21, SB22 and SB24) and collection of groundwater sample in center of all five borings. Khoury stated that temporary wells were also going to be installed at northwest corner of excavation and at former boring location SB8. No odors detected today at school. As per Khoury no workplan was going to be submitted as samples were already collected and submitted for analysis.

4/1/06-Vought-DEC requires: 1)immediate recovery of free phase product if present. 2)submission of all previous reports including reports for Spill Numbers #9803858, #0503781 and #0503229 3)Immediate implementation and submittal of a (CAMP) including continuous indoor and outdoor monitoring at the Beacon School while school is in session and contaminated soil and/or groundwater is exposed, vapor mitigation efforts used during construction including, but not limited to, covering all contaminated soil stockpiles, use of vapor supressant foam, immediate removal of contaminated soil from site and restriction of contaminated soil operations during non-school hours 4)Prior to pouring of concrete for the foundation, immediate submission of an (ISR)that completely delineates soil and groundwater contamination on-site.5)Within 60 days submission of an ISR Addendum that includes off-site delineation of soil and/or groundwater contamination 5) Prior to pouring of concrete for the foundation, submission of a RAP detailing the work proposed to remediate all contaminated media on-site. The RAP shall include endpoint sample analyticals from the final depth of excavation to characterize soils directly underlying the building foundation. The RAP shall also detail vapor mitigation efforts used in the construction of the building including at a minimum, installation of a vapor barrier. The vapor barrier must also be demonstrated to be compatible with petroleum contamination. If contamination remains on-site in soil and/or groundwater, a sub-slab depressurization system will be installed. 6)Within 90 days submission of a RAP Addendum that includes off-site remediation of soil and/or groundwater contamination, if applicable. Vought drafted Stipulation and CAP with above requirements and submitted to DEC Urda and DEC Austin for review.

04/06/06-Vought-Recieved call from Langan (Khoury) and Steve Russo that they received stop work order from DOB and asking why order was given. Russo requested that DEC Vought contact NYCDEP Cabbagestalk to inform him that DEC was content with progress. Vought informed him that DEC had received no legally binding committment that development would not proceed, no data had been submitted to date to DEC and hence Vought could not make the requested call to NYCDEP. Vought informed him that Stipulation was

being reviewed by DEC Austin and since DEC Vought will be out on training from 4/10-4/14, DEC Austin should be contacted during that period.

04/07/06-Vought-Spoke to Rich Lavado and he had copy of file. Work at site included application of L-10 on contamination of sidewall and floor and hot zone by MW4. Area has strong odor possibly of petroleum. PID read up to 70ppm before application and 0 after. ASR not involved in soil sampling. Vought called Langan(Khoury) regarding hotzone excavation and delineation and left message that hotzone must be excavated and endpoint samples collected. Vought received second call from Lavado and they were also hired for soil and groundwater remediation. ASR will install bio-irrigation system of 4" manifolded PVC covered with bluestone topped by a vapor barrier. Lavado will submit RAP to DEC and NYCDEP.

04/07/06-Vought-Stipulation Agreement with above requirements from 4/1/06 sent after approval by DEC Austin and DEC Urda. Stipulation Deadline of May 7, 2006.

04/17/06-Vought-Received call and spoke to Khoury. Endpoint samples were collected from site (approximately 27 samples) and data showed slight methyls and PAH exceedences. One VOC exceedence in sample. Data was submitted to DEC. Three groundwater samples were collected and groundwater was 7-11' into bedrock. Some VOC exceedences in groundwater.

04/18/06-Vought-New file review by Vought:

Letter from NYCDOB to Moshe Azougi (owner) of 555 West 59th Stree Holdings LLC-4/3/06. "The Department of Buildings (the Department) intends to revoke the approval(s) and permit(s) used in connection with the application referenced above". "The Department hereby intends to revoke the permit based upon DEP's recission of it's approval.." "In addition the conditions described above present and imminent peril to life or property at the premises. Thereby you are required to STOP ALL WORK IMMEDIATELY".

Clean Backfill Material Report to DEP Cabbagestalk (Langan)-4/5/06. Documentation related to source of backfill material. "The material tested presented no TAGM 4046 exceedences and we request and approval for the use of 5,000-yard of this material as backfill at the 555 West 59th Street..." Enclosed is NYSS Beneficial Use Determination from NYSDEC dated 6/6/05, NYSS fill material laboratory test results for TAGM criteria and NYSS laboratory test results for chloride dated 11/4/05. Laboratory analyticals included show no TAGM exceedences in backfill material. Also included is letter from DEC Lynch to Nicolas Mann (Quay Consulting) dated 6/6/05 "The New York State Department of Environmental Conservation (NYSDEC) had reviewed your petition dated May5, 2005 for a benefical use determination (BUD) for sand dredged by Amboy Aggregates, Inc., of South Amboy, New Jersey from the Ambrose Channel as unrestricted-use aggregate in New York State". "The BUD No. 846-2-24 is granted to New York Sand and Stone LLC...". Vought called and spoke to Kathleen Prather (DEC) as she was listed as contact on letter and she stated that material could be used as backfill (after Vought explained current issues on site).

Remediation Work Progress Report-March 22 through April 5, 2006 (Langan)-4/6/06. COMMUNITY DUST AND VAPOR MONITORING: Monitoring in accordance with NYCDEP approved Remedial Action Workplan dated September 2005 including fixed monitoring points on the northeast and southeast corners of the site, applying water on haul road, wetting excavation faces and streets, tarping trucks, limiting of excavation during non-school hours, application of L-10 bioenzyme, ambient air monitoring including full time Langan staff at Beacon School. ENDPOINT SOIL SAMPLING: Collection of nineteen soil samples show exceedences for TAGM VOCs only is sample obtained from northwest corner of excavation below the West 60th Street sidewalk and slight exceedences of SVOCs. Additional endpoint sampling will be performed in areas once proposed excavation depth is reached. GROUNDWATER SAMPLING: Installation of four rock wells and collection of groundwater samples. Due to potential ACM in bedrock, a dust suppresion pla

nwill be implimented. SOIL GAS MITIGATION: "A sub-slab depressurization system is being designed as a parallel effort...." "Based on the soil data and the field observations it appears that the exceedences in remaining soil at the site are minimal and are characteristics of historical fill and are not related to the petroleum or gasoline spill. Langan recommends no further action with respect to the subsurface conditions at the grids:A1, B1, A2, A3, B3, B4, A5, B5, C1, D2, E3, E4, E5, F5, G5 and G6. We respectfully request your approval and clearance so that the construction and foundation work can continue in these grids."

Letter from Sive Paget and Riesel(Russo) to NYCDOB Osorio-4/11/06. "...we believe that there is no reason to revoke the work permits. Furthermore we request that following approval by the New York City Department of Environmental Protection of an amended Remedial Action Plan that will be submitted no later than April 19, 2006, that the Department revoke its stop work order." Letter summarizes remedial and vapor mitigation techniques. Letter also states that "owner committed in writing that the concrete slab for the building would not be constructed until DEP and DEC had reviewed all end point sampling and well sampling results and the parties had agreed that all required remedial meaures were implemented.

04/21/06-Vought-Continued file review by Vought:

Remedial Work Progress Report Addendum -Bedrock Well Installation Sampling and Laboratory Results (Langan)-4/11/06. Installation of four rock wells (RW01 thru RW04).

04/25/06-Vought-Continued file review by Vought:

Remedial Work Progress Report Addendum -Bedrock Well Installation Sampling and Laboratory Results (Langan)-4/11/06. Installation of four rock wells (RW01 thru RW04). Wells installed to a depth of approximately 16’ below bottom of excavation. "Groundwater was encountered at dpeths 3-ft bgs, 14.5-ft bgs, and 0.5-ft bgs in wells RW01, RW02 and RW04 respectively." No groundwater encountered in RW03. "It is our opinion that the groundwater encountered at the Site is perched (unconfined) water. The exceedences in the groundwater samples are most likely characteristics of the groundwater encountered in this general area of Manhattan and are not specifically related to site conditions." "However, and in abundance of caution, mitigation measures will be implemented to address potential vapor generation from the groundwater." Mitigation measure to include installation of vapor barrier. Groundwater analyticals show: 33ppb benzene(RW01), 26ppb xylene(RW01), 20ppb 1,2,4-trimethylbenzene(RW01), 22ppb 1,3,5-trimethylbenzene(RW01), 28ppb benzene(RW02), 51ppb toluene(RW02), 29ppb ethylbenzene(RW02), 166ppb xylene(RW02), 30ppb napthalene(RW02).

Endpoint Sample Results (Lagan)-4/13/06. Collection of endpoint samples (approximately 28 soil samples) from site. SVOC exceedences in PAHs (attributable to fill material) were found. "Based on the soil data and field observations it appears that the exceedences in remaining soil at the Site are minimal and are characteristic of historic fill, and are not related to petroleum or gasoline spill. Langan recommends no further action with respect to the subsurface conditions at the entire Site". Soil analyticals show: 71ppb benzene(C5), 67pp benzene(B5), 64ppb benzene(A6), 66ppb benzene(D5), 134ppb benzene(B6), 1347ppb xylene(B6), 92ppb benzene(Off site Pre-01), 1586ppb xylene(Off site Pre-01), 4170ppb n-propylbenzene(Off-site Pre-01).

Community Air Monitoring Plan for Remedial Action (Langan)-4/13/06. "The proposed Remdial Action (RA) consists of mass excavation and off-site disposal of impacted soil within the boundary of the Site". CAMP developed in conformance with NYSDOH Generic Community Air Monitoring Plan. CAMP includes: monitoring at site since 2/6/02 and at Beacon School since since 3/31/06, monitoring via PID and dust monitor, continuous VOC monitoring during all remdial activities including excavation and soil and groundwater handling, continuous monitoring at Beacon School "while school is in session and while contamianted soil and/or groundwater are exposed.", ambient air monitoring, limiting of excavation to non-school hours, covering of stockpiles, use of

foam suppressant, response actions for associated PID readings.

Faxed Letter from Sive, Paget and Riesel (Russo) to DEC Urda-4/17/06. "As discussed I attach and execution stipulation and corrective action plan regarding the above referenced project...". Fax included copy of Stipulation signed by Steven Russo.

Email from Langan (Khouri) to DEC Vought-4/18/06. "Attached is the NY Sand and Stone BUD and lab results for the material we intend to import to the site". Request to review and approve use of fill material. See notes above regarding Clean Backfill Material Report.

Investigation Summary Report (Langan)-4/18/06. "Impacted soil was encountered in the vicinity of closed-in-place underground storage tanks (USTs)". Adjacent property use includes vacant land to the north, construction site to the west, and commercial properties to the south and east. Former uses of the property include residential, comissary, junkyard, automobile repair shops, warehouse, stables. Report includes information submitted previously including: waste characterization, soil management, UST removals, post excavation endpoint sampling, rockwell installation, groundwater sampling, air monitoring, dust supression, odor supression, clean fill material, vapor memebrane, sub-slab depressurization system. "A SSDS has been designed and will be implemented as part of remedial actions at the Site. The SSDS system will create a low vacuum zone beneath the building slab by extracting the sub-slab air using a vacuum blower mounted onto the building roof." Draft SSDS design included in Appendix E of report.

Remedial Action Work Plan Addendum II (Langan)-4/18/06. Proposed construction includes parking garages on eastern portion of site and apartments in western portion of the site. Soil will be excavated to bedrock in areas of shallow bedrock. "Remaining areas of the Site will be excavated to the depth of the building basement and/or until all imapcted soil is removed". "Final excavations will be based on laboratory analysis of endpoint samples in the areas where bedrock is not encountered". RAP also included air monitoring, load out/tramsport and off-site disposal, importation of clean fill, installation of a vapor membrane, installation of SSDS. Addendum also included new Health and Safety Plan, CAMP and OM&M Plan. "Intermittent progress reports will be provide to the NYSDEC and NYDEP utnil the onsite remediation is completed". A final engineering report will also be submitted to the DEC and DEP.

DEC Vought to: 1)approve use of backfill material as per DEC Prather 2)investigation of soil and groundwater under sidewalk of West 60th Street due to TAGM VOC exceedences (4/6/06 report) 3)Additional excavation of B6 (also agreed to by DEC Austin)"Final excavations will be based on laboratory analysis of endpoint samples in the areas where bedrock is not encountered".

04/27/06-Vought-Spoke to Langan (Khouri) and informed him of above requirements and drafted letter with above requirements. Vought received email from Langan(Cam-Spanos) that B6 grid area was excavated to bedrock and after endpoint samples were collected. Letter was sent summarizing excavation.

Further Excavation and Additional Endpoint Sampling Request at B6 (Langan Cam-Spanos)-4/26/06. "As discussed during the phone conversation you had requested further excavation and additional end-point sampling at Grid B-6. Langan's and the contractors records indicate that due to a change in the construction plans, this area was excavated to bedrock after the initial end-point sampling and the entire grid was backfilled with clean gravel". "We respectfully request your approval on this matter and contact with the NYCDEP so that the construction and foundation work may continue...". Vought sent letter approving of ISR and RAP Addendum II, approve use of backfill material as per DEC Prather and requiring: 1)investigation of soil and groundwater under sidewalk of West 60th Street due to TAGM VOC exceedences (4/6/06 report). Vought called DEP Cabbagestalk to discuss letter and left message to check fax machine.

New file review by Vought:

Notice to Proceed (NYCDEP Cabbagestalk)-4/27/06. "Based on our review of the aforementioned documentation, DEP had concluded that the applicant may proceed with construction, provided that a closure report concerning the hazardous materials "E" related activities....ares submitted by the applicant to DEP for review and approval at the conclusion of the construction related activities".

05/17/06-Vought-Spill transferred from DEC Vought to DEC Piper as per DEC Austin.

05/30/06-Vought-Received message from Ilkay Cam (Langan 917-822-3637) that sidewalk well will be installed tomorrow and confirming that well will be bedrock well. Vought returned call and informed her of new project manager and left message confirming DEC requirements of installation of rock well.

06/01/06-Vought-Received message from Ilkay and returned call and spoke to Cam. Extension requested for another 30 days. Extension granted by Vought for another 30 days till report is due for sidewalk well installation as per CAP. July 17th.

8/29/06- DEC Piper reviewed ISR Addendum dated 6/14/06- AS per report, during installation of gw well on W. 60th St., contaminated soil w. bewnzene exceedances was discovered 71 ppb at 10-12' in RW-05. and n-Propylbenzene 6420 ppb in same location. GW exceedances are as follows, 27.2 ppb 1,2,4 Trimethylbenzene, 7.4 ppb- 1,3,5 Trimethylbenzene, 114 ppb- benzene, 16.2 Ethyl benzene, 28 ppb Isopropylbenzene, 31.4 MtBE, 20.1 n-Propylbenzene. DEC Piper spoke w/ DEC Vought and DEC austin regarding exceedances. Though source area was removed, DEC instructed Langan to purge well of approx 200 gallons and resample.

12/6/06- DEC Piper received addendum report. The well has been resampled and results show slight exceedances of Benzene 16ppb, Isopropyl benzene 16.5ppb and n-propylbenzene 8.3 ppb. This is a significant decrease. Source area has been remediated through excavation, vapor barrier installed and active SSDS is ongoing. This case is closed as well as 0514548, 9803858, 0503781, 0503229. See E-docs if warranted.

Map Identification Number 337 **COMMERCIAL PROPERTY** **Spill Number: 0503781** **Close Date: 12/07/2006**
555 WEST 59TH ST MANHATTAN, NY TT-Id: 520A-0096-217

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1885 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	JANE GOLL - COMMERCIA PROPERTY	Spiller Phone:	(646) 202-9674
Notifier Type:	Local Agency	Notifier Name:	CHRISTOPHER DECARLO	Notifier Phone:	(212) 675-3225
Caller Name:	CHRISTOPHER DECARLO	Caller Agency:	FLEMMING LEE SHUE	Caller Phone:	(212) 675-3225
DEC Investigator:	rmpiper	Contact for more spill info:	JANE GOLL	Contact Person Phone:	(646) 202-9674

Category:	Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class:	Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/29/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WERE DRILLING AND FOUND AN OLD SPILL. THE OLD TANKS WERE FILLED WITH CONCRETE BEFORE. WANTS A CASE MANAGER OF ANOTHER SPILL # 503229.000

DEC Investigator Remarks:

This is a new spill report to a site with a long term problem.

Check Spill # 9803858 for site history.

03/29/06-Vought-Spill transferred from AJWhite to Vought due to Vought involvement with spill #0512733 and agreed to by DEC Central Office Woodward. For further information see spill #0512733.

05/17/06-Vought-Spill transferred from DEC Vought to DEC Piper as per DEC Austin.
12/7/06- DEC Piper received addendum report. The well has been resampled and results show slight exceedances of Benzene 16ppb, Isopropyl benzene 16.5ppb and n-propylbenzene 8.3 ppb. This is a significant decrease. Source area has been remediated through excavation, vapor barrier installed and active SSDS is ongoing. This case is closed as well as 0514548, 9803858, 0503781, 0503229. See E-docs if warranted. For further information on spill see spill #512733 at same location.

Map Identification Number 338 **59TH ST BET 11TH & 12TH** **Spill Number: 9510709** **Close Date: 11/26/1995**
59TH ST/ 11TH AND 12TH AV MANHATTAN, NY TT-Id: 520A-0102-234

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1890 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 11TH AVE / 12TH AVE
Revised zip code: 10019

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	BIG APPLE TOUR BUSES	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	BRENNAN-EMPLOYEE	Notifier Phone:	
Caller Name:	TIM SOLICH	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	O'DOWD	Contact for more spill info:	NR BRENNAN	Contact Person Phone:	(212) 315-6759

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/26/1995		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

WHILE WASHING THE BUS THERE WAS MOTOROIL RUNOFF.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 339 **214063; 48TH ST AND 9TH AVE** **Spill Number: 0814530** **Close Date: 10/15/2008**
48TH ST AND 9TH AVE NEW YORK, NY TT-Id: 520A-0249-437

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1901 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: W 48TH ST / 9TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	DMPOKRZY	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/12/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 340 **9TH AVE/WEST 57TH ST** **Spill Number: 9807828** **Close Date: 12/30/2002**
9TH AVE/WEST 57TH ST MANHATTAN, NY TT-Id: 520A-0090-967

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1909 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	RICHARD ROACH - CON EDISON	Spiller Phone: (212) 580-6764
Notifier Type:	Responsible Party	Notifier Name:	MR MCTIGUE	Notifier Phone: (212) 580-6763
Caller Name:	RICHARD ROACH	Caller Agency:	CON ED	Caller Phone: (212) 580-6764
DEC Investigator:	CAENGELH	Contact for more spill info:	RICHARD ROACH	Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/26/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
OTHER PETROLEUM	UNKNOWN	1.00	GALLONS	0.00	GALLONS	

Caller Remarks:

CALLER STATES A OIL LIKE PRODUCT WAS FOUND AT A EXCAVATION SITE

AND IS BEING CLEANED UP. 1 QT. OF PRODUCT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Con Ed e2mis #120066:

SUPV MEJIAS REPORTS THAT HE WAS CALLED TO LOCATION BY KEYHOLE CREW . CREW HAD AN OILY SUBSTANCE LEAKING FROM A COUPLING TO BE SEALED. ABSORBANT PADS WERE PLACED ON SOIL UNDER COUPLING TO CONTAIN SAME. SUSPECTED AUTOSEAL. CHEMIST CALLED FOR SAMPLE AT 16:25. E.T.A 40 MINS. REPORTED TO AND ENTERED BY POLLICINO.

10/05/1998.

On 9/26/98 at 1830 mgo ogs mctague #77472, after assuming control room shift coverage and update of spill, notified MGO environmental rep Paul Lonseth,#78189, of spill. At 1840 CIG opertor Divoti notified of spill. Mctague was unable to update e2mis spill report #120066 because of computer problems in MCC. Informed CIG operator Roach of problem and spill material and quantity taken over phone by Roach at1900. At 1930 MGO OS Mejias ,#22959, reports Hallen mechanics Andy Rodriquez and Denfield Baptiste, wearing required ppe, completed spill cleanup by removing pads and contaminated soil from under cast iron gas main and encapsulating leaking cast iron joint. Contaminated soil and material taken to con ed workout location at w28 st and placed in hazardous waste area pending sample results. On 9/27/98, at 01:35, results from chem lab show 45 ppm pcb's. MCC faxed copy of report to dist1 construction. Problems with MCC computers prevented updating of report. entered by 77472 10/05/1998 at 5:55 AM.

Map Identification Number 341 **545 W 45TH STREET** **Spill Number: 9404670** **Close Date: 07/05/1994**
545 W. 45TH STREET MANHATTAN, NY TT-Id: 520A-0093-873

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 1911 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CENT FLOR MFG CO	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:	PO MORRISON	Caller Agency:	U.S.C.G.	Caller Phone:	(212) 668-7920
DEC Investigator:	KSTANG	Contact for more spill info:		Contact Person Phone:	

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/05/1994	07/05/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	AIR

Caller Remarks:

NYC DEP NOTIFIED. CALLED MR. ZEP VOLPAT, HE SAID THAT THERE IS A PERFUME MFG IN THE SAME BLDG, THEY OCASSIONALLY SMELL DIFFERENT CHEM. ODOR FROM THE VENT SYSTEM. REFFERED TO DEP, HAZMAT & AIR DIV.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
10/10/95: This is additional information about material spilled from the translation of the old spill file: UNK CHEMICAL SMELL.

Map Identification Number 342 **COMMERCIAL PROPERTY** **Spill Number: 0503229** **Close Date: 12/07/2006**
244 WEST 60TH STREET NEW YORK, NY TT-Id: 520A-0098-320

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1930 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	GEORGE SPILENA - COMMERCIAL PROP-ERTY	Spiller Phone: (212) 708-3107
Notifier Type:	Other	Notifier Name:	CHRISTOPHER DECARLO	Notifier Phone: (212) 675-3225
Caller Name:	CHRISTOPHER DECARLO	Caller Agency:	FLEMMING LEE SHUE	Caller Phone: (212) 675-3225
DEC Investigator:	rmpiper	Contact for more spill info:	GEORGE SPILENA	Contact Person Phone: (212) 708-3107

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/16/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

DURING SOIL BORINGS FOUND CONTAMINATION:

DEC Investigator Remarks:

Sangesland spoke to Chris Decarlo of Flemming Lee Shue.
He said soil borings were done and contaminated soil was found.

CSL Sent to:

George Spilena
West 60th St LLC
798 11th Ave.
New York, NY 10019

9/19/2005 Sangesland spoke to "new" owner's lawyer, Megan Ludwick 212-421-2150
She said the CSL letter should be resent to:

Amir Chaluts
Sky 59th St LLC
115 East 57th St. Suite 1102
New York, NY 10022
Sangesland resent this letter on 9/19/05

02/27/06 Sharif Rahman- CSL was sent to
Continental Ventures Realty, LLC
115 E 57 Street, Suit # 1102
New York, NY 10022 Ph:(646)202-9674, Fax: (646)202-9675
Attn: Jane Gol

03/29/06-Vought-Spill transferred from DEC Rahman to DEC Vought. For further information see spill #0512733.

05/17/06-Vought-Spill transferred from DEC Vought to DEC Piper as per DEC Austin.

12/7/06- DEC Piper received addendum report. The well has been resampled and results show slight exceedances of Benzene 16ppb, Isopropyl benzene 16.5ppb and n-propylbenzene 8.3 ppb. This is a significant decrease. Source area has been remediated through excavation, vapor barrier installed and active SSDS is ongoing. This case is closed as well as 0514548, 9803858, 0503781, 0503229. See E-docs if warranted. For further information on spill see spill #512733 at same location.

Map Identification Number 343 **TRANSFORMER VAULT #9879** **Spill Number: 0411014** **Close Date: 06/03/2005**
704 9TH AVE NEW YORK, NY TT-Id: 520A-0091-575

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1942 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	PAUL DINONATO	Notifier Phone:	(212) 580-6764
Caller Name:	PAUL DINONATO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6764
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/10/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Material is on water on concrete. No to five questions. Transformer is in vault and unsure if it is teh cause. Con ed#156821

DEC Investigator Remarks:

10-1-05 @ 14:55. P Diaz # 09784 reports that while doing an inspection in v9879 f/o 704 9 av (48 st), he discovered 5 gallons of unknown oil and 30 gallons of water on the concrete floor of the structure. There was or is no smoke or fire involved. No sewer or waterway affected (the trap was checked and it was dry). No injuries and weather had no affect. No measuring device was used to determine the amount of the spill. Source and cause of spill are unknown. No private property affected. There is oil filled equipment in the structure (a transformer). Environmental yellow tag 38844 was applied. Water is standing, no visual water movement. Sump is concrete and the pump was unplugged. No dielectric filled feeders in the structure.
No dielectric filled feeders in the structure. 2 liquid samples were taken by P Diaz # 09784 from the spill, 1 for id and 1 for pcb. Sample priority "e". Chain of custody # cc17993. Cleanup is pending availability of crews and lab results.....J Moran #01182

Lab Results 01/11/05 20:43 hrs
Lab Sequence Number: 05-00244-001 Analysis indicates the presence of a transformer oil.

1/12/05 11:00

K. Wilkinson # 24331 I&A supervisor reported that on 1/10/05 the unit was pressure tested & was holding pressere. He says it held 7lbs. for 20 minutes.
A cleanup is being set up for 1/13/05 at 07:00 & the unit will be re-evaluated.

Update 1-13-05 @ 15:50
M Ryder #27277 reports that the cleanup is complete as of 15:45. Double washed with slix and flushed. 1100 gallons of oil and water mixed removed by tanker. 1
bag of ppe and debris removed. Tag # 38844 removed. Cleanup supervisor and crew are listed in the event involved person screen.
No visible sign of the spill
was observed during the cleanup

Map Identification Number 344 **SWING TIME LLC** **Spill Number: 0002289** **Close Date: 07/02/2003**
609-611 11TH AVENUE NEW YORK, NY TT-Id: 520A-0093-876

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1943 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	ROBERT GANS - ZZ	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	BEATRICE PACKMOHR	Notifier Phone:	(631) 454-6100
Caller Name:	BEATRICE PACKMOHR	Caller Agency:	AMERICAN ENVIRONMENT CORP	Caller Phone:	(631) 454-6100
DEC Investigator:	KMFOLEY	Contact for more spill info:	ROBERT GANS	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/24/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

STEVE SACCOCIO IS AWARE

DEC Investigator Remarks:

Spoke to Dr. Sandoval who represents Whitehouse - the tenant/builder/runner of future club. Swingtime is the owner of the property. According to a report written by Swingtime's consultant, American Envmtl Assessment(AEA), there was no contamination.

DEC Saccacio required more work.

PDM performed own investigation for Whitehouse and found contamination.

Whitehouse's attorney(Michael Perle) will send DEC letter.

Reassigned from Saccacio.

5/9/03 Reassigned from Rommel to Harrington.

1/5/05 Reassigned from Harrington to Foley. Changed address back to 609-611 11th Avenue. Address was 561 11th Ave and listed ExxonMobil as RP. Two PBS registrations, one at each location. Appeared to have been consolidated under spill #8806783 in error. Cross-reference open #9501693 for 609-611 11th Ave. (KMF)

From closed spill file: (KMF, 3/24/05)
10/24/00 Letter from PDM Environmental Services addressed to Mr. Oscar Sandoval of The White House. PDM reviewed the American Environmental Assessment Corp Summary Report for Soil Removal. They noted that in some samples the reported values were greater than the guidance values. Also noted that some samples were contaminated and above STARS guidance values. Sample results indicate that soils beneath the 11th Avenue property line show the greatest levels in exceedance of criteria and will probably require further remediation. PDM noted complications with obtaining a certificate of occupancy until contaminants have been removed to below acceptable levels.

A letter was issued by S. Saccacio on 11/22/00 which states that the spill number will not be considered for closure until additional investigation is conducted and the Dept reviews the results.

See spill #s 0001837, 0001719, 9501693.

Map Identification Number 345 **340 W. 55TH STREET** **Spill Number: 9407885** **Close Date: 02/28/2003**
340 W. 55TH STREET MANHATTAN, NY TT-Id: 520A-0094-537

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1952 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: 340 OWNER CORP | Spiller Phone:
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: JEFF FRIEDMAN | Caller Agency: EXCELLSIOR MGMT | Caller Phone: (212) 751-7511
DEC Investigator: TOMASELLO | Contact for more spill info: | Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/13/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

PATROL TANK CLEANING GOING ON

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 346 **213825; W 46 ST AND 12TH AVE** **Spill Number: 0814497** **Close Date: 10/15/2008**
W 46 ST AND 12TH AVE NEW YORK, NY TT-Id: 520A-0248-645

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1966 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: W 46TH ST / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: ERT DESK - CON EDISON | Spiller Phone:
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: DMPOKRZY | Contact for more spill info: ERT DESK | Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/25/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 347 **PIER 99-97** **Spill Number: 9213153** **Close Date: 02/25/1993**
PIER 99-97 MANHATTAN, NY TT-Id: 520A-0102-010

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1973 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: VESSEL Spiller: CON ED BARGE Spiller Phone:
Notifier Type: Other Notifier Name: Notifier Phone:
Caller Name: ROMAN MAKZICH Caller Agency: CITIZEN Caller Phone: (800) 444-1621
DEC Investigator: CAMMISA Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/25/1993	02/25/1993	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

BROWNISH SLUDGE IN WATER

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 348 **VACANT APT COMPLEX** **Spill Number: 9903424** **Close Date: 05/18/2006**
321 W 54TH ST MANHATTAN, NY TT-Id: 520A-0094-539

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1974 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	BENNIE CAIOLA - BETTINA EQUITIES	Spiller Phone:	(212) 722-8830
Notifier Type:	Other	Notifier Name:	BENNIE CAIOLA	Notifier Phone:	(212) 722-8830
Caller Name:	EDWARD CORRELL	Caller Agency:	SOIL MECHANICS ENVIR	Caller Phone:	(516) 221-7500
DEC Investigator:	KSTANG	Contact for more spill info:	BENNIE CAIOLA	Contact Person Phone:	(212) 722-8830

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/24/1999		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UPON EXCAVATION OF SOIL FOR NEW CONSTRUCTION CONTAMINATED SOIL WAS

DISCOVERED. COMPANY IS CURRENTLY STOCK PILING SOIL FOR REMOVAL-WILL

WAIT FOR RECOMMENDATIONS BY DEC.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
Site Investigation Work Plan submitted 7/27/01 by Jacques Whitford Company, Inc. - Leigh Mulroy 914-686-1100.

09/27/2001-Leigh Mulroy looking for approvel for the work plan she submitted. wtc

9/27/01

The fieldwork commenced on the rescheduled date of September 26, 2001 at 7:00am.

Jacques Whitford Company (JWC) advanced three borings along the sidewalk on the north side of W54th St, and completed the borings as monitoring wells to 20 ft bg as per the Site Investigation Workplan (July 2001). Split spoon samples were screened continuously to depth and samples were collected for analysis (VOCs, BNs specified in the SI Workplan) at the the interval with the highest PID readings.

Soils consisted of fine brown gray sand and silt, and perched water was observed at approximately 14 ft bg. Soils in boring B-3 were clean, and soils from borings B-1 and B-2 had intermittent staining from 12 ft bg to 20 ft bg. The highest PID reading was 1128 ppm in B-2 (11-12'), and affected soils had a petroleum odor. JWC plans to gauge and sample the monitoring wells (MW-1, MW-2, MW-3) on October 3, and then gauge the wells again on October 10 and 17.

JWC will apprise the NYSDEC of the soil analytical results and subsequent groundwater analytical results when they are received. If acceptable to NYSDEC, the final Site Investigation Report will be submitted on November 19, 2001.

(914) 686-1100 JACQUES WHITFORD COMPANY, INC

10/01/01 - K.Goertz approved work plan,faxed approval to consultant on 10/1/01. MW's have already been installed and there was field evidence of contamination in wells MW-1,and MW-2. A vapor barrier and vapor extraction ines have been installed under newly constructed office building. (KG)

01/26/04

reassinged from rommel to vought

05/18/06 - Reviewed the May 29, 2003 GW Monitoring report. Highest TVOCs in GW has come down to 1.1 ppm with Benzene at 6.2 ppb. According to the report, the release was due to a 1000 gallon UST of gasoline leak. No free product ever found, and over 572 tons of petroleum impacted soil has been removed from the site. TVOCs in GW has been trending downward since 2001. There is currently a new building on the site and a vapor barrier and a passive sub-slab venting system are supposedly installed. Since the residual GW contamination is relatively low and there has been no vapor complaint, this spill is inactivated. - KST

Map Identification Number 349 **12TH AV** **Spill Number: 9710106** **Close Date: 03/17/2003**
BET 58TH & 59TH ST MANHATTAN, NY TT-Id: 520A-0102-007

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1991 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 12TH AVE BTW 59TH / 58TH
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	CON EDISON	Notifier Phone:	
Caller Name:	BOB NASH	Caller Agency:	URS GREINER	Caller Phone:	(212) 246-3200
DEC Investigator:	CAENGELH	Contact for more spill info:	BOB NASH	Contact Person Phone:	(212) 246-3200

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/02/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER IS DOING CONSULTING WORK AND DURING THE EXCAVATING AND PUMPING PHASE THEY NOTICED OIL RESIDUE ON WATER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
DUPLICATE OF SPILL # 9710086.

Map Identification Number 350 **SERVICE ROAD TO WEST SIDE HIGHWAY** **Spill Number: 0809587** **Close Date: 11/28/2008**
BETWEEN 58TH & 59TH STREET MANHATTAN, NY TT-Id: 520A-0225-176

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1991 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: WEST SIDE HWY
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN 3RD PARTY SPILL	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	asnagi	Contact for more spill info:	UNKNOWN	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/25/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

CALLER STATES THAT THERE IS A LARGE SHEEN AND THE ROADWAY APPEARS TO BE SLIPPEREY. UNK PETROLEUM PRODUCT FROM A 3RD PARTY SPILL.

DEC Investigator Remarks:

Police notified - Sanitation called to sand.

Map Identification Number 351 **59TH STREET PIER 98** **Spill Number: 9302301** **Close Date: 05/19/1993**
59TH STREET PIER 98 MANHATTAN, NY TT-Id: 520A-0096-286

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 2003 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	ANTHONY CONSTANTINE	Caller Agency:	CON-EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	CAMMISA	Contact for more spill info:		Contact Person Phone:	

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/19/1993	05/19/1993	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

DURING BARGE MOVEMENT AWAY FROM PIER SLICK WAS NOTICED - BARGE PUT BACK AGAINST PIER AND SLICK DISAPPEARED - USCG TEAM ENROUTE - NO PRODUCT ON BARGE - MAY BE RESIDUAL ON TANK.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: SHEEN.

Map Identification Number 352 **WATERWAY/PIER 98** **Spill Number: 1006905** **Close Date: 09/30/2010**
WEST 59 ST AND 12 AVE MANHATTAN, NY TT-Id: 520A-0255-635

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 2003 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	smsanges	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/27/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

contractor was removing pilings from river/sheen on water after piling was removed/area has been boomed off previous to work

DEC Investigator Remarks:

sheen was determined to be creosote from the pilings

1/19/11 - Austin - Con Ed contained and cleaned up the spill - see eDocs for more information - Spill closed - end

Map Identification Number 353 **WEST 59 STREET STATION** **Spill Number: 0705340** **Close Date: 03/18/2010**
PIER 98 HUDSON RIVER - 12 AVENUE MANHATTAN, NY TT-Id: 520A-0102-552
SHEEN FROM PILE REMOVAL

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 2003 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERTSDESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/09/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

SHEEN ON RIVER AND PADS ARE DOWN AND NRC HAS BEEN NOTIFIED. 207500.

DEC Investigator Remarks:

207500. see eDocs

12/13/07: Con Ed submitted spill for closure. Responded with comment: "This spill number should remain open to track any subsequent sheens until such time as the pier repair work is completed." (JHO)

3/18/10 - Austin - Con Edison monitored sheens but apparently unrecoverable- See eDocs for the report - spill report closed - end

Map Identification Number 354 **PIER # 98** **Spill Number: 0413475** **Close Date: 06/01/2005**
59TH STREET MANHATTAN, NY TT-Id: 520A-0096-284

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 2003 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 59TH ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: TIMOTHY PARKER
DEC Investigator: GDBREEN

Spiller: UNKNOWN
Notifier Name: TIMOTHY PARKER
Caller Agency: CONED
Contact for more spill info: ERT DESK

Spiller Phone:
Notifier Phone: (212) 580-8383
Caller Phone: (212) 580-8383
Contact Person Phone: (212) 580-8383

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/28/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

A SHEEN IS BEING SEEN ON THE HUDSON RIVER, COULD BE CREATSOL: UNSURE WHERE IT IS COMING FROM, WILL CALL KEN'S MARINA TO GET A VAC TRUCK AND SOME BOOMS: THE COAST GUARD IS ON SCENE. 157815.

DEC Investigator Remarks:

157815. AT APPROXIAMATELY 11:45 EHS ENGINEER J. BURKE ADVISED STATION THAT OIL SHEEN ON DOCK WAS OBSERVED AT PIER 98 ALSO A PINK UNIDENTIFIED SUBSTANCE OF APPROXIMATELY 6 OZ TRAPPED IN THE CONFINES OF THE BOOM. USCG ON SITE, CIG NOTIFIED, KEN BOOMING CONTACTED TO REPSPOND WITH A VACUUM TRUCK AND A SKIMMER. USCG WAS CONDUCTING ANNUAL INSPECTION. OIL SHEEN ON DOCK APPEARED TO BE APPROXIAMATELY 3 OZ AND WAS CLEANED UP BY OPERATOR (PIC) ON DUTY.
JEFFERSON (82797)/RODNEY (00615)

Update:
Ken's Marine responded with boom boat. Upon arrival it was determined that a vac truck and skimmer would not be able to remove any of the residual pink fluid
in the water. Sweep boom and pads placed on water to remove pink substance sheen. Clean up completed at 14:45. One bag of non-hazardous debris received
from Ken's Marine.

ROOT CAUSE: Oil sheen source was probably from residual chemicals that were used to treat deck timbers. There were very heavy rains at the time and there

were no vehicles that were on the dock. Unknown pink substance probably came from garbage that was already in the river. The pink substance had an
appearance similar to Pepto-Bismol. Pink substance had dissapated by time Ken's Marine arrived and we were unable to get a sample for analysis.
CORRECTIVE ACTION: The spills were contained and cleaned up by the PIC (Sheen on deck) and by OSRO (pink substance in water). No further corrective
action is anticipated.

Incident reviewed by EHS staff. Updated to submit to NYSDEC for close out.

Map Identification Number 355 **RADIO CITY POST OFFICE** **Spill Number: 9905933** **Close Date: 09/01/1999**
52ND ST RADIO CITY P.O. MANHATTAN, NY TT-Id: 520A-0093-924

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2042 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 322 WEST 52ND STREET
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	RADIO CITY POST OFFICE	Notifier Phone:	(212) 265-6673
Caller Name:	TERRY OPER 156	Caller Agency:	DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	SMSANGES	Contact for more spill info:	MS GORDON	Contact Person Phone:	(212) 265-6673

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/18/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN HAZARDOUS MATERIAL	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER REPORTS THERE IS A GREENISH COLOR SUBSTANCE ENTERING BASEMENT OF POST OFFICE - 1 PERSON HAS BEEN TREATED FOR ILLNESS-ALSO APPEARS TO BE AN ODOR OF GAS - CALLER BELIEVES THIS TO BE TOXIC

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
FAXED TO NYCDEP- HAZMAT.

Map Identification Number 356 **UNK** **Spill Number: 9408281** **Close Date: 10/03/1997**
332 W.52ND. ST. MANHATTAN, NY TT-Id: 520A-0092-087

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2042 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	UNASSIGNED	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/22/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	POUNDS	0	POUNDS	AIR

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "XX"
SPILL CLOSED DUE TO INSUFFICIENT DATA.

Map Identification Number 357 **HARTLEY HOUSE** **Spill Number: 9908772** **Close Date: 11/26/1999**
413 W 46TH ST MANHATTAN, NY TT-Id: 520A-0092-656

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2063 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	NON-MAJOR FACILITY (>1100 GAL)	Spiller:	VITO L. CUTUGNE - NEIGHBOR	Spiller Phone:	(718) 225-2541
Notifier Type:	Affected Persons	Notifier Name:	JULIO GODRY	Notifier Phone:	(212) 246-9885
Caller Name:	JULIO GODRY	Caller Agency:	CITIZEN	Caller Phone:	(212) 246-9885
DEC Investigator:	SIGONA	Contact for more spill info:	JULIO GODRY	Contact Person Phone:	(212) 246-9885

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/19/1999		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

CALLER STATES THAT STRONG ODOR OF OIL LINGERS FOR SO LONG AFTER OIL DELIVERY AT NEIGHBORS THAT THEY BELIEVE THAT THERE MAY HAVE BEEN A SPILL IN THAT AREA.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

On October 20, 1999, DEC Sigona met with Julio Godry, Superintendent for Hartley House. Set up follow-up meeting for 10/21/99 with superintendent for 416 West 47th Street and inspected the basement. There was a 3,000 gallon UST which is underground (covered with concrete), with weep holes. The tank was registered and last tested in March 1995. There was no sign of vapors or problems with the tank. Called tank owner who agreed to test the tank, and investigate any problems with vents.

Based upon investigation could not identify any source or confirm any vapor problem affected the school. Met with assistant director and explained the probelm, asked that the DEC be notified if the problem happens again.

DEC Sigona supervised tank test at 416 West 47th Street on November 11, 1999. The tank test resulted in a system failure reported under spill no. 9909811. Follow-up inspection by ABC Tank determined that vent pipe to rear of building was not

disconnected, allowing tank to fail test. The vent pipe was broken at top and vented vapors to base of Hartely house where vapors were entering the art studio. The evnt pipe was disconnected by ABC and inspected by DEC Sigona on November 16, 1999. See Spill No. 9908772 for further information. DEC Sigona informed the director of Hartely House of these findings. No further action necessary.

Map Identification Number 358 **ONE GAL OIL SUCKED UP BY VAC TRUCK** **Spill Number: 0702154** **Close Date: 06/28/2007**
WEST 45 STREET MANHATTAN, NY TT-Id: 520A-0237-689
BETWEEN 11 & 12 AVENUES

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2066 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: W 45TH ST
Revised zip code: 10036

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERTSDESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	gdbreen	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/22/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FOUND IN EXCAVAVTION: - UNKNOWN MATERAIL. 206017

DEC Investigator Remarks:

06/28/07 - See eDocs for Con Ed report detailing cleanup and closure.

206017. see eDocs

Map Identification Number 359 **VACANT LOT** **Spill Number: 1012171** **Close Date: 01/17/2012**
553 W 44TH ST MANHATTAN, NY TT-Id: 520A-0260-510

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2069 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	STUART KNOOP - GOTHAM WEST	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RVKETANI	Contact for more spill info:	STUART KNOOP	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/25/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Caller advised investigation in process on Block 1073 lot 1 near address given. Caller advised is unk type petroleum.

DEC Investigator Remarks:

3/8/11 - Raphael Ketani. I spoke to Stuart Knoop (k-noop)(212) 479-5461 of Langan Engineering. He said that Langan had been working on this vacant property as a due diligence effort for a developer, 85 Gotham Organization. He said that the City owns the property. The property is between 10th and 11th Avenues and between West 44th and West 45th Streets. Half of the property was a parking lot and the western side had a taxi service or a gas station.

Langan has already done many borings throughout the lot. They did one recent boring and hit 2 feet of oil about 7 to 9 feet below grade. He is sure that they hit the oil well above the groundwater. Mr. Knoop thinks that this is a tank or a vault. They will do test pitting to determine the source of the oil. I told Mr. Knoop to send the DEC the investigation report once they are finished boring and sampling the site. He said that he will.

4/8/11 - Raphael Ketani. I spoke to Mr. Knoop (k-noop)(212) 479-5461. He said that the oil that was found previously was from a buried drum that was leaking. This was cleaned up. The area where the drum was found contained lots of buried scrap metal. He went on to say that the significant petroleum impacts were discovered at the western part of site. There they found 11 tanks. All

of the contamination is being addressed. Mr. Knoop will send DEC a web address where the RAP and Health and Safety Plan, and other documents regarding the site, can be found and downloaded.

4/11/11 - Raphael Ketani. I found the website and downloaded the documents. Many of these documents turned out to be hundreds of pages long. They had been generated by different consulting companies.

4/15/11 - Raphael Ketani. I spoke to Mr. Knoop today. I asked him whether the gas tanks had ever been registered. He said that they had not. The gas station ceased operation in the 1960s. The previous owner never registered the tanks. I told Mr. Knoop to have someone start on the paperwork as there may be questions regarding how to list the tanks and the details for each listing. I told him that the paperwork should be ready to go and once his client finalizes the purchase, then the paperwork should be submitted to Albany. He said that this will be done. I asked him whether groundwater was found. He said that groundwater samples were taken, but there were no significant hits in the samples. Mr. Knoop commented that they were hoping to get a response letter from the DEC by the beginning of June. I told him that I will work on the reports over the course of several days and try to get a letter out as soon as possible.

4/21/11 - Raphael Ketani. I finished my review of the Langan Engineering 4/8/11 cover letter and the six attachments. My notes for each section are below:

Langan Engineering cover letter dated 4/8/11-
1)the 10 USTs will be removed from the western part of the site
2)there is no mention of the warehouse property (527 West 44 Street - aka 511-533 West 44 Street=playground and warehouse, respectively); it doesn't seem to be part of the site development
3)vapor barrier under buildings A and B; passive venting system under building B; overbuild AMTRAK railroad with building C

Attachment F - AKRF 11/7/08 Phase I Environmental Site Assessment-
1)5 gas USTs were found on site at the parking lot along 11th Avenue
2)fill cap seen in sidewalk at vacant warehouse at 527 West 44 Street (along with playground this part is 513-533 West 44th Street)
3)522 West 45 Street-stable to the west of P.S. 51M (520 West 45 Street); boiler present - there may be a tank
4)520 West 45 Street-P.S. 51M; two 2500 fuel oil ASTs; NY Power Authority generated lead and mercury waste as exempt low level hazardous waste generator
5)Sanborn maps indicate that the entire site once contained a foundry, metal works, manufacturing, a taxi terminal, National Gum and Mica, railroad right of way
6)suspect asbestos bearing materials throughout buildings that are still present
7)based on the age of the buildings, there is lead paint and PCB bearing ballasts and mercury switches
8)there was a gas station at the eastern end of the property
9)Consolidated Gas Co. facility was to the west of the property across 11th Avenue with large tanks and coal storage yards (former MGP site)
10)property is 25' to 30' above mean sea level, railroad is 20' below grade, Hudson River is about 1,000' due west
11)Figure 2 includes all property west of the gas station, including the AMTRAK right of way and the warehouse on West 44th Street

Attachment E - AKRF October 2009 Phase II -
1)investigation took place September 2009
2)2 soil samples from each soil boring, 1 temporary well, GPR survey

3)bedrock 6.5’ to 13’ below grade, staining in soil at SB-1 to SB-3
4)soil VOCs below TAGM, SVOCs only benzo series exceedences and their associated combustion products, groundwater didn’t have gas or oil VOCs or SVOCs
5)Table #1 (VOC) and Table #2 (SVOC) almost entirely non-detect for soil analytes, except benzo series, Table #6 (VOC) and Table #7 (SVOC) all non-detect for groundwater
6)6 borings done in taxi area in west third of property and public parking area; 3 borings in private parking area in middle of property
7)metal, PCB and pesticide analysis performed for soil and groundwater samples
8)Fleming-Lee Shue Phase II included in AKRF Phase II report, done in August 2009
8a)9 soil borings and 4 groundwater wells installed in area of playground and warehouse (513-533 West 44th Street), groundwater 10’ to 19’ below grade, bedrock 2’ to 16’ below grade
8b)soil vapor samples above limits for TCE and PCE - exceeds NYSDOH air guidance, TCE in 3 of 4 groundwater samples, 2 wells had TCE exceedences, TCE higher in upgradient well

Attachment D - Langan Engineering revised 1/6/11 Waste Characterization Report -
1)investigation of site took place 10/6/2010 to 10/15/2010
2)27 soil borings (EB-1 to EB-9, GEB-1 to GEB-18), performed by Laurel Environmental for Langan
3)chlorinated solvents as soil vapors and groundwater contamination
4)investigation identified tanks and SVOCs of urban fill
5)collected 11 grab samples and 11 composite soil samples from 0’ to 14’ below grade
6)1 grab sample and 1 composite sample collected from each of 9 waste characterization grids
7)fill to 5’ to 11’ overlying bedrock and native sand
8)petroleum odor and elevated PID readings at EB-2, EB-3 11’to 15’, EB-6 13’ to 15’, GEB-2 9’ to 11’, GEB-16 14’ to 16’, faint odor at EB-5 3’ to 13’, EB-6 3’ to 8’
9)petroleum impacts in west central area and oriented north-south, petroleum grab samples with 2 VOC exceedences, benzo series exceedences of historical fill

Attachment C - Langan Engineering 4/7/11 Supplemental Waste Characterization Report -
1)objectives: delineate extent of petroleum contamination in soil in the western part of site; evaluate potential presence of tanks; collect groundwater samples; delineate extent of lead contamination in soils in southeast part of site
2)did 104 borings, 20 test pits, 2 groundwater wells, collect 42 soil samples and 2 groundwater samples
3)SWCI done between 2/16/11 and 3/14/11; 66 borings DB-25 to DB-80; 3 additional borings DB-34S, DB-34N, DB-34W near apparent UST in stable
4)gray and black stains, petroleum odor, PID readings in borings in west part of site; DB-60 had 1440 ppm vapors at 15’; 2 borings at DB-17-2 at 6’ to 8’ in southeast area didn’t have product (spill case #1012171)
5)TP-9, TP-14, TP-17 to 19 revealed 9 USTs in western part of site along 11th Avenue - estimated to be 550 gal. tanks, base of tanks at 7’ below grade; gray to black staining under each tank at 9’ to 11’
6)TP-18 had 1,224 ppm vapors, TP-2, TP-5 and TP-13 had gray to black soil in west part of site with PID hits up to 355 ppm
7)TP-10 conducted at boring DB-17-2 in grid #8; found metal scraps and crushed, leaking drum of oil (spill case #1012171) 6’ below grade; test pits nearby had no contamination - bricks, tar, scrap metal, concrete, timber, plastic
8)no gas or oil analytes in groundwater

Attachment B - NYC DEP 3/8/11 RAP and CHASP Approval Letter to NYC HPD -
1)to Patrick Blanchfield of HPD, approving the RAP and CHASP

2)referenced October 2009 Phase II, March 2011 RAP and Construction HASP by AKRF, and February-June 2009 Phase II by Fleming-Lee Shue
3)March 2011 RAP proposes 20 MIL high density barrier and passive sub-slab ventilation system beneath building B
4)RAP approved by Maurice Winter, DEP Director in Site Assessment

Attachment A - AKRF March 2011 RAP and CHASP -
1)elevation about 25' above mean sea level
2)railroad right of way about 20' below grade
3)fill 2' to 10' below grade, bedrock 2' to 16' below grade
4)groundwater 10' to 19' below grade and flow believed to be to the west (Hudson River)
5)development site is taxi company and parking lots in west, stable on north along 45th Street, P.S. 51M on north along 45th Street (east of stable), active AMTRAK railway in east central area (NOTE! not included are the gas station at the east end of the block and the warehouse and playground along West 44th Street)
6)all of the reports are referenced

I spoke briefly to Mr. Knoop (212) 479-5461 about my review. He said that he couldn't talk at length right now. However, we agreed to talk on wednesday, April 27, about the project and the reports. I asked him about the warehouse with the chlorinated solvent hits. He said that he thought the project was being handled by the School Construction Authority since it was supposed to be the new site for P.S. 51M.

I searched the remediation and spills databases for a case that might involve the warehouse with the PCE and TCE vapors and the TCE in the groundwater. I used the addresses for West 44th Street of 511, 513, 527, and 533. I did not find an active case, nor a closed case.

4/28/11 - Raphael Ketani. Lee Gutterman (718) 472-8000, ext 8502 of the SCA returned my call today. We spoke about the site for the new P.S. 51M school. Ms. Gutterman said that the SCA is currently involved with the site. Due diligence was done. Presently, the demolition of the warehouse is taking place. Ms. Gutterman stated that the site is not the source of the PCE and TCE vapors, nor the TCE in the groundwater. She added that there was no indication of a source on-site, but there were potential sources off-site (i.e. gas station, commercial businesses). The site will be excavated to bedrock. An SSDS vapor management system and a vapor barrier will be installed. Lastly, she said that the vapor and groundwater contamination levels were low enough that she didn't see a reason why the DEC would get involved. I asked her whether someone from the DEC had ever been involved. She said "No."

Later, I called Ms. Gutterman again. I asked her for a copy of the SSDS and vapor barrier plans. She asked why. I told her that since there is chlorinated solvent contamination and vapors, I needed to send these plans and a copy of the Fleming Lee Shue report to the NYS DOH. After this, we had a discussion about why the DOH was going to receive the documents and their possible involvement and the DEC's possible involvement in the P.S. 51M school construction project. She asked what the chlorinated solvent threshold was for the DEC to get involved in a site as she did not know that there was one. I told her that I didn't know of one either and to discuss this with Jane O'Connell, head of the Region 2 Super Fund/Brownfield Unit. Ms. Gutterman said that she will send the documents, but that she has to go through channels first.

5/2/11 - Raphael Ketani. I drafted a letter to Mr. Knoop indicating that any contamination that is found on site and off site must be remediated, whether this is in the soil, bedrock or groundwater. The letter also stated that the USTs must be registered. The letter was approved by Randall Austin, Chief of the Spills Unit, and sent out today.

5/3/11 - Raphael Ketani. Jason Hayes (212) 479-5427 and Mr. Knoop left a message yesterday regarding Gotham West. I tried to return their call today, but could only leave a message.

Mr. Hayes and Mr. Knoop returned my call. We talked about the details regarding what should happen if contamination is found and how to manage it. We also discussed looking for and managing contamination that had left the site. Lastly, I reminded them that any USTs which are discovered must be registered with the PBS database. Both Mr. Hayes and Mr. Knoop said they agreed with the DEC regarding how the work should proceed. They added that a round of groundwater samples were taken 2 weeks ago. They said that they had looked at the raw data and said that there were no significant hits. I asked them for the data. They said that the DEC will receive a remediation report in the future.

5/10/11 - Raphael Ketani. Mr. Knoop sent me the Langan 5/9/11 Supplemental Groundwater Investigation report by e-mail. I reviewed the report. Seven wells (MW-3 to MW-9) were installed in April 2011. Contaminated soil samples with stains and odors were found at MW-3 (7'-8'), MW-6 (12'-14') and MW-8 (5'-8'). The PID readings were up to 631 ppm. The well screens were installed at 15' to 20' below grade. Groundwater was found at 4.55' to 7.35' elevation. It flows east and then turns due south, exiting the property at MW-6.

The wells were developed and then sampled 5 days after development. The samples had 14 to 54 NTUs. All samples were collected on 4/18/11:
MW-3: 35 ppb naphthalene, 6 low exceedences of benzo series and related analytes,+ chloroform
MW-4: 6 low exceedences - 4 of the benzo series and related analytes
MW-7: 48 ppb naphthalene and 2 low exceedences
MW-8: 3 low benzo series exceedences
MW-9: 14 ppb 1,2,4,5 tetramethylbenzene, and 1 low exceedence

MW-6: 12 exceedences; 3 exceedences of the methylbenzene series (150 ppb to 180 ppb), 250 ppb total xylenes, 62 ppb acetone, 45 ppb naphthalene, 20 ppb methylene chloride (no other samples with this analyte), 8 ppb chloroform, few other low level exceedence gasoline analytes, 2 ppb tetrachloroethene, 4.2 ppb trichloroethene.

Tetrachloroethene and trichloroethene are present in all of the groundwater samples at very low concentrations (i.e. 0.25 ppb). These are believed to be background concentration levels for the area.

I sent Mr. Knoop the following response e-mail:

I reviewed the Langan 5/9/11 Supplemental Groundwater Investigation report. Staff at the Department have generated the below listed comments:

1) We believe that the time between the date of development and the date of sampling (5 days) was too short to produce representative groundwater samples. Typically, we recommend a minimum waiting period of one month. In the past, we have found that this amount of time allows for movement of disturbed groundwater from the sampling location.

2) Langan did not extend its investigation far enough. MW-6 had the most contaminated groundwater and was situated at the southern boundary of the property. Wells must be installed across the street from the southern boundary in order to determine whether properties are being impacted off site. Again, we must state that groundwater contamination does not stop at property

boundaries.

3) After the contaminated soil and groundwater are removed, groundwater monitoring must continue in order to determine whether the contamination persists off site. If it does persist, then a remediation plan must be submitted to the Department describing how this contamination will be addressed.

4) Chlorinated solvent contamination appears to be ubiquitous in the groundwater, but at a very low level. Therefore, the Spills Unit will simply consider the concentrations of tetrachloroethene and trichloroethene to be background contamination and not an indication of a source in the area in question.

Should you have any questions or comments, please feel free to contact me.

Sincerely,
Raphael Ketani, CPG

5/24/11 - Raphael Ketani. I made an unannounced site visit. Excavation work was already taking place for the new P.S. 51M. An excavator was digging from on top of a large pile of soil. No odors were apparent from the soil. I could see that a number of concrete footings had been installed. The Gotham West property was just a large, empty parking lot with a fence around it. There were some drums on site within the fenced in area. There was noting else to note about Gotham West as nothing was taking place. However, muddy water was draining from the school construction site.

I met Sal Abbracciamento, Superintendent from Turner Construction Company (212) 229-6000, and his boss. I talked to them about the muddy water that was running down the street to the city sewer at 11th Avenue and West 44th Street. Mr. Abbracciamento explained that they were aware of the problem and that the hay near us was catching the sediment. However, this was not possible as the hay was too little and it was loose. Muddy water was still getting past the hay. I told him that he had to find a better way to collect the muddy water and dispose of it. I added that the sediment content was not in keeping with the NYCDEP standards for discharging water to a city sewer. He said that he needed to spray the tires of the trucks picking up the soil in order to prevent dust and mud from being spread onto the streets. I told Mr. Abbriacciamento that I understood this, but that the present method of dealing with the muddy water was inadequate - he didn't have a SPDES discharge permit, anyway. I left the site and called the NYCDEP Hotline to report the discharge.

6/7/11 - Raphael Ketani. I tried to contact Mr. Knoop (212) 479-5461 regarding the submission of a work plan for conducting further soil and groundwater investigating, but I could only leave a message.

Stewart of Langan called me back. He said that four wells will be put in the sidewalks along West 43rd Street. This is in response to the finding of groundwater contamination at MW-6 and will be to check whether contamination is flowing due south and off site. One well will be in the north sidewalk and three in the south sidewalk. Excavation of the site is scheduled for either late summer or early fall 2011.

6/15/11 - Raphael Ketani. Mr. Knoop (212) 479-5461 called. He said that they tried to install wells on the south side of West 43rd Street, but found out that there was a basement under the sidewalk at one location and were restrained by utilities at the other locations. So, 2 wells will be installed on the south side. Their locations will be pushed to the west and the east by the underground issues. I told Mr. Knoop that this was alright.

8/4/11 - Raphael Ketani. I spoke to Mr. Knoop (212) 479-5461. He said that there is still only one well across the street to the south. This is partly because there is a basement under the sidewalk in one location, partly because one land owner refuses to allow Langan to install a well and partly because there are utilities. However, Gotham West is negotiating with one landowner to the south and Mr. Knoop thinks that they will get a chance to install a second well across the street. I asked him about the street to the north. Mr. Knoop said that this well was successfully installed. He will call Gotham West soon and see whether they obtained permission to install the well.

8/16/11 - Raphael Ketani. I received a message yesterday from John of NYC DEP Hazmat (917) 576-8040. He stated that Langan was supervising the excavation and removal of 8 or 9 550 gal. USTs from Gotham West. He said that the tanks contained liquids and that some had spilled onto the ground and had created vapors and odors.

Today, I called Mr. Knoop (212) 479-5461 and asked him about the tank removal work that was taking place. Mr. Knoop sounded a little annoyed and stated that I should have remembered that this tank removal work was going to take place as it was in the work plan, and because the tanks were known. I responded that it was stated in Attachment C of the 4/7/11 Supplemental Waste Characterization Report that Langan would evaluate the potential presence of tanks, but not that it was definitely known they were there. I added that the submission of a work plan or a report never constitutes complete notification to the DEC regarding what will happen. I also said that the DEC always needs to be updated, either through phone messages or through e-mails, when significant work is taking place or when a significant issue arises. I said that the generation of vapors or odors that travel off site is a very significant issue. I added that the public could be affected by these vapors. Mr. Knoop stated they are already taking steps to abate the vapors and odors and to remove the contaminated soil. He added that they will take additional steps to make sure that no vapors or odors leave the site.

Mr. Knoop then gave me an update regarding what was taking place. He said that the excavation contractor was draining the tanks before they were removed. They were working westward. Right now, they were in grids #1 and #6. Next, they will move to grid #7. They are still in petroleum impacted soil. The soil and cut up tanks are all going for disposal to Carteret, New Jersey. The tank pulling will take another week or so.

8/18/11 - Raphael Ketani. Mr. Knoop (212) 479-5461 called today. He said that 8 tanks are out of the ground and have been removed. Excavation of the tank areas is now taking place. Biosolve is being sprayed on the ground where odors are present.

8/26/11 - Raphael Ketani. Mr. Knoop sent me the following e-mail:

Excavation continued throughout the West 44th Street site this week. Petroleum-impacted soil was removed from the western portion of the site near the former tank locations. It appears that the excavation in that area will extend into bedrock. Soil exposed along the western (Eleventh Avenue) sidewall of the excavation did not appear to be impacted. Four sidewall end-point soil samples were collected from the sidewall above the bedrock prior to the installation of lagging. Non-impacted urban fill was removed from the site east of the former tank areas, and hazardous lead-contaminated soil was removed from the delineated area on the south-central portion of the site. Bedrock removal continues on the northeastern portion of the site. The petroleum-contaminated soil is being disposed at the Clean Earth of Carteret and Bayshore recycling facilities in New Jersey. The hazardous soil is being disposed at the Clean Earth of North Jersey facility.

Dust and organic vapor concentrations were within action levels. Periodic on-site dust conditions were addressed with water application. Petroleum odors were not observed. The contractor (Laquila Group) maintains BioSolve on site as an odor suppressant ready to be applied when needed.

8/30/11 - Raphael Ketani. I sent Mr. Knoop an e-mail regarding whether Langan had found PCE and TCE in the soil and groundwater under the Gotham West site where it meets the new P.S. 51M site. I wrote that the Fleming Lee Shue report had indicated the presence of these two contaminants in the soil and in the soil vapor. He responded with the following e-mail:

Things are progressing thankfully smoothly. We were indeed provided with the report. It was included with the documentation I provided to you and discussed in AKRF's Phase II of the property. You and I also spoke briefly about it. Langan and AKRF alone collected and analyzed 28 soil samples from the site for VOCs, and Impact Environmental continues to oversee soil analysis for waste characterization purposes. We've also collected 7 groundwater samples. There is no evidence of PCE or TCE soil or groundwater impacts to our site. As such, cVOCs are not considered contaminants of concern on our property. That said, we're installing vapor proofing in Buildings A and B, and a passive SSDS in Building B as precautionary mitigation measures.

I looked back in the case notes and in the AKRF October 2009 Phase II and found that the groundwater sample from MW-6 did indeed have PCE (2 ppb) and TCE (4.2 ppb) hits, and so did the groundwater sample from upgradient MW-9 (1.2 ppb of PCE and 1.6 ppb of TCE). However, there were no such hits in the soil samples taken from borings SB-1 to SB-9. Later, I spoke to Mr. Knoop and we discussed the issue.

He said that they are screening the soil that's being excavated for waste characterization. Mr. Knoop said that PCE and TCE have not been a problem. I reminded him about the PCE and TCE in the sample from MW-6. He said that one downgradient well is in and that another property owner is willing to let Langan install a second well, but the other property owner with a garage is not willing. This property owner wants a bond from Langan assuring him that the well will be removed within a year and that the sidewalk flag will be replaced. Mr. Knoop said that they are still negotiating with this property owner. Mr. Knoop also said that the soil excavation in the western part of the property has gone down to bedrock already. The eastern part of the property will also be excavated to bedrock. After this, the conversation ended.

8/31/11 - Raphael Ketani. I made an unannounced site visit. I met Albert Tashji, environmental engineer and Langan site representative. He showed me the site. I could see that the bedrock and excavation work was proceeding quickly. There was bedrock in the western third and eastern third of the site with a reddish brown soil filled valley in the middle. The first place he pointed out was the area where the 8 or 9 old USTs had been. This was an area that paralleled 11th Avenue and contained soil, not rock. However, there were cut out portions of the bedrock at the very edge of the location where it met the sidewalk along 11th Avenue. I could see that the soil was dark, but there were no odors. Also at this location were large broken up blocks of bedrock. It appeared to be metaquartzite. Next, we walked over to a pile of dark soil. Mr. Tashji said that this soil had come from the area where the USTs used to be. Though we were right next to the pile, I didn't sense any odors. Mr. Tashji said that odor suppressant liquid had been sprayed on the pile. Next, we went over to the northeast corner of the property where two large chiseling machines were working. I commented that the rock was very hard. Mr. Tashji stated that they have been having a hard time with breaking up the rock and have broken pieces of many machines. At this northeast location, they had chiseled out a large flat platform of white rock. I could see pipes sticking up from the below the bedrock surface. Mr. Tashji said that they are at the design depth for the buildings and are already installing the conduit pipes. The chiseling machines still had a long way to go in order to finish breaking up the rock in this area.

After this, we passed by a gasoline fueling area with drums and containers for filling small motorized construction equipment. The area had a protective plywood roof and was about 10 long by 5 feet deep. The sheltered area didn't have walls to prevent rain from entering. The smell of gasoline was strong and I saw a little gasoline contaminated soil outside the shelter. I told Mr.

Tashji to find a better way to contain any gasoline spills before this area becomes a large mess. He said that he will do so. I added that with the chiseling machines working so hard, a hydraulic line is bound to break sooner or later. I told him that there should be absorbent pads, other equipment and a plan to manage hydraulic line spills. He said that he understood what I was saying. After this, I left the site.

I passed by the SCA site. Work had stopped for the day. It looked like things were progressing quickly.

9/1/11 - Raphael Ketani. I sent Mr. Knoop (212) 479-5461 an e-mail stating that the gasoline storage and transfer area has to be better managed and that the spills have to be managed. I also wrote that they should be prepared for hydraulic line failures with the necessary equipment and supplies. Lastly, I asked that the 9 tanks be registered.

Mr. Knoop sent me an e-mail in response. He wrote that 10 tanks have been registered. The one at the former stable was pulled by the NYC HPD and 9 were pulled by Laquila (the site construction company) in the western part of the site. Mr. Knoop added that he told the people at Laquila to make sure the gasoline storage area is kept clean and to have material on hand to manage any hydraulic lines that break and spill.

The PBS registration is #2-611602. Ten 550 gal. USTs are listed. The site is Gotham West Development at 592 West 44th Street, NY. The site block and lot are 1073 and 1.

9/2/11 - Raphael Ketani. Mr. Knoop sent me an e-mail stating that Laquila is ordering a spill kit for any hydraulic line leaks that may take place, the contaminated soil stockpile has been reduced, covered and bermed, and a containment system is being installed around the gasoline transfer area.

10/5/11 - Raphael Ketani. Mr. Knoop (212) 479-5461 called me today. He said that he has been having a lot of trouble siting the off site wells that would be downgradient from the site. He said that they hit a cellar in front of one property and two landowners don't want any wells in front of their property. Mr. Knoop said that one party wants to sell his property soon and so he doesn't want it to seem as if there are environmental issues with his property - he owns a garage. One landowner is cooperative and is willing to let Langan put a well in the sidewalk in front of his parking lot. Mr. Knoop said that this well would be across the street from the downgradient well to MW-6 that's already in and a little bit to the east. I told Mr. Knoop to install the one well and we will consider this well and the other sufficient. I told him to develope the wells, let them sit, and then sample them. He said that he will do this. I asked him to also sample MW-6 at the same time. He said that MW-6 was well within the footprint of the excavation and has been destroyed. He added that the construction company had put in well points for dewatering the site. They are about to install the casons. I told Mr. Knoop that the well point pumping will draw in contaminated water from the surrounding subsurface. So the water in the wells may not be representative of subsurface site conditions. Mr. Knoop said that he understood this. I told him to take samples from the two off site wells anyway just so that we can be sure that the PCE and TCE contamination is not originating from the site. He said that the samples will be taken.

11/8/11 - Raphael Ketani. Mr. Knoop (212) 479-5461 called me today. He said that the well across the street from site and a little to the east was sampled. It was clean. However, the well that was in the sidewalk, just downgradient from where MW-6 used to be, was destroyed. He wasn't sure where to go from here. I told him to send me the data from the new well and I will look over the numbers in light of the information in the case file. Then I will know what the next step is. Mr. Knoop said that would be fine.

11/9/11 - Raphael Ketani. I found an article on the internet regarding Gotham West construction. I put the article in the e-docs.

11/14/11 - Raphael Ketani. Mr. Knoop sent me an e-mail with two attachments. One attachment showed the location of MW-11. The well location appeared to be downgradient from the site and MW-6, which had the highest groundwater contamination. The second attachment contained the analytical results for the water sample from MW-11. They were almost entirely non-detect with the exception of two very low hits for MTBE and chloroform. Mr. Knoop stated in this e-mail that Langan will take soil endpoint samples from the walls of the excavation. He added that the soil analyticals should first be looked at before anything more is done. I responded back
that this was fine.

1/13/12 - Raphael Ketani. Mr. Knoop (212) 479-5461 sent me an e-mail with 6 attachments. I began my review.

1/17/12 - Raphael Ketani. I finished my review of the Off Site Monitoring Well Location Map, Alpha Analytical 11/01/11 Report, Sidewall Endpoint Sampling Results Map dated 01/12/12, Bottom Endpoint Sampling Results Map dated 01/12/12, Table 1 Bottom Endpoints Sample Results, and Table 2 Sidewall Endpoints Sample Results.

Based upon the information in Mr. Knoop's 1/13/12 e-mail and the six attachments, I determined that the contamination had been cleaned up. I sent Mr. Knoop a Spill Closure Letter.

Based upon the information in the case file and the e-docs, I have determined that the residual contamination does not pose a threat to the public or the environment. Therefore, I am closing the case effective today.

1/19/12 - Raphael Ketani. Mr. Knoop sent me a CD with the disposal manifests. I downloaded the file to the e-docs.

Map Identification Number 360 **592- 608 11TH AVE** **Spill Number: 0907529** **Close Date: 11/17/2011**
525 W 44TH STREET NEW YORK, NY 10036 TT-Id: 520A-0232-143
PS 51M

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2069 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO REVISION MADE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	SFRAHMAN	Contact for more spill info:	KERI CIBELLI	Contact Person Phone:	(646) 388-9858

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/05/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

ENVIRONMENTAL BORINGS PRODUCED POSITIVE RESULTS FOR CONTAMINATED SOIL.

DEC Investigator Remarks:

** cross reference to spill #1012171 **

Copy of Oct 2009 Phase 2 report which shows the initial contamination identification is attached in eDocs.

2/17/2011 As per AKRF case manager Keri Cibelli, a Remedial Action Plan (RAP) and Construction Health and Safety Plan (CHASP) were submitted to NYCDEP in February 2011 for review. During the proposed development, contaminated soil will be excavated and disposed in accordance with applicable requirements.
6/15/2011 Sangesland spoke to "concerned neighbor" Mr. Tosh Anderson 212-518-1274. He is a parent of 2 children at an adjacent public school PS-51 at 520 West 45th St. Mr. Anderson says no construction work has been started on this section of the property yet. However he says there is another section of the property (where exactly????) that is being managed by Fleming Lee Shue which is being excavated which has a problem with Mercury, Lead, TCE and students and teachers are getting sick. Is DEC watching work being done at this site?

06/15/11 Spill case reassigned from S. Sangesland to Sharif Rahman.(sr)

06/23/11 I performed site visit on 06/15/11.Soil excavation for construction of PS 51M replacement school going on at 525 W 44th Street. This is a SCA managed site.General Contractor: Turner Construction Company. Environmental Consultant: CNS(516-932-3228). CNS overseeing the lead contaminated fill material removal.I asked the onsite personnel from CNS(Mr. Konrad)to forward DEC a copy of the recent investigation data. Reviewing the report on Edocs-the Phase II investigation was performed at 515-533 W 44th Street by Fleming Lee Shue. NYCSCA proposes to construct a new school facility on site and PS 51 located to the north, would relocate from the existing building to the new facility.The site(515-533 W 44th St, block 1073, lot 1) is approx 225 ft by 100 ft.Phase I ESA report identified Recognized Environmental Conditions(RECs)associated with use of western portion of the site as metal works establishments during 1950's. A fill port was noted on the side walk along W 44th Street.One dry cleaner and two Manufactured Gas Plant sites were identified in close proximity to the site.Phase II ESI consisted of a geophysical survey, nine soil borings, installation of four ground water monitoring wells, collection of six soil vapor samples(to a depth of 4 ft bgs),nine soil samples to bed rock refusal(approx 8 ft bgs)and four ground water samples.Four monitoring wells were installed outside of the site building, advanced to approx 30 ft bgs.GW was encountered in the bedrock at depth between 16 to 20 ft. The geophysical survey did not confirm the presence of USTs. Results of the soil vapor analysis indicated that TCE(max 160 ug/cubic meter) and

PCE(350 ug/cubic meter) exceeded the NYSDOH's Air Guidance Values.TCE(31 ug/l) was detected in three out of four ground water samples.AKRF recommended that a soil vapor barier and active sub slab depressurization system should be integrated into the new school design to prevent chlorinated solvent related compounds from entering the new school building. No visual, olfactory or measured evidence of contamination was present in any of the soil sample locations.PID readings were non detect in all borings.No VOCs were detected above NYSDEC's guidance values.The site is underlain by two to four feet of historic fill consisting of sand with brick, gravel, timber and coal.Soil samples were also analyzed for Total Petroleum Hydrocarbons and RCRA hazardous waste characterization.Metals- Arsenic, lead(8,030 mg/kg), mercury, silver, cadmium were detected in soil samples.
I called AKRF and asked them to farward DEC RAP and CHASP which were submitted to NYCDEP before.

06/24/11 Sent an email to Anna Ciecierska at SCA requesting to send us CAMP, monitoring log along with any recent site characterization report.(sr)

07/21/11 Letter requiring RAP submittal is in edocs.(sr)

08/09/11 Rec'd CAMP data and SSDS drawings and specifications.(sr)

10/27/11 Rec'd Report prepared by TRC in response to our letter dated July 2011. Soil within the footprint of the planned building has been removed to bedrock. SSDS and water proofing(vapor barrier) have been incorporated into the building design.TRC requested closure of the spill case considering there is no known source of contamination on the school construction site.Waste characterization sample results provided.Samples were analyzed for VOCs, SVOCs,PCBs.Analytical results identified typical urban fill material with SVOC and Metal exceedances.As per the report, NYSDOH indicated only a vapor barrier is required in instances where shallow ground water is present at or above the elevation of the basement floor slab.NFA required. Case closed.(sr)

Map Identification Number 361 **INTREPID MUSEUM** **Spill Number: 9912858** **Close Date: 03/07/2000**
166 W.46TH ST MANHATTAN, NY TT-Id: 520A-0093-923

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2072 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10036

Source of Spill:	VESSEL	Spiller:	SCOTT KOEN - INTREPID MUSEUM	Spiller Phone:	(212) 245-2533
Notifier Type:	Federal Government	Notifier Name:	SCOTT KOEN	Notifier Phone:	(212) 245-2533
Caller Name:	PO BRAY	Caller Agency:	US COAST GUARD	Caller Phone:	(718) 354-4121
DEC Investigator:	SIGONA	Contact for more spill info:	SCOTT KOEN	Contact Person Phone:	(212) 245-2533

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/11/2000		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SURFACE WATER
MOTOR OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

40FT WORK BOAT SANK AT THE MUSEUM. WATER IS BOOMED AND VESSEL WILL BE RECOVERED.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

DEC Sigona contacted USCG who indicated that there was a light sheen on the water. The USCG will take the lead. USCG Divers on seen performing an inspection of the vessel. No action by DEC.

Map Identification Number 362 **PARKING LOT** **Spill Number: 9800071** **Close Date: 09/27/2011**
12TH AVE BTWN 46TH & 45TH MANHATTAN, NY TT-Id: 520A-0101-548

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2079 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: TWELFTH AVE BTWN W 46TH / W 45TH STREETS
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	SAME	Notifier Phone:	
Caller Name:	JAMES WEINGARTNER	Caller Agency:	AKRF	Caller Phone:	(212) 340-9750
DEC Investigator:	JMOCONNE	Contact for more spill info:	CON ED	Contact Person Phone:	(718) 204-4205

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/01/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

POSS HISTORICAL STAIN FONUD ON PROPERTY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT/O'CONNELL"
8/13/02: Originally assigned to Engelhardt, who closed the spill on 4/27/98. New findings by AKRF and Con Edison indicate probablye historic MGP impacts. Spill number reopened by O'Connell.

09/27/11 - located documents which pertain to the originally called in finding by AKRF and put into eDocs; the spill was a finding of contamination at the property located between 11th and 12th Avenues, and W. 45th and W. 46th Streets, as part of the Route 9A reconstruction and more specifically associated with preparation for construction of a pedestrian bridge spanning 12th Avenue from the northwest corner of the propery located southeast of the intersection of 12th Avenue and W. 46th Street. The contamination that was identified and reported through this spill report is presently being addressed under VCP site V00532, and as such this spill number is administratively closed. Additional information on the matter is available under that project. (JOC)

Map Identification Number 363 **TOURO COLLEGE** **Spill Number: 0300150** **Close Date: 11/15/2005**
225 WEST 60TH ST MANHATTAN, NY TT-Id: 520A-0098-319

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2086 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	JOEL LANDES	Caller Agency:	LANGAN ENGINEERING	Caller Phone:	(212) 479-5404
DEC Investigator:	CESAWYER	Contact for more spill info:	JOEL LANDES	Contact Person Phone:	(212) 479-5404

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/01/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
UNKNOWN PETROLEUM	UNKNOWN	0	GALLONS	0	GALLONS	

Caller Remarks:

at the above date the site was owned by emsig mfg corp. they no longer own it - caller states they have evidence of low concentrations of petro.

DEC Investigator Remarks:

4/4/03-Sigona sent contaminated soil letter.

4/9/2003-Vought: Received message from Joel Landes (212-479-5404). Vought returned call and left message to return call to NYSDEC. Vought again received message and returned call and spoke with Joel. Groundwater not encountered in borings due to refusal on bedrock. Only soil samples were collected. NYSDEC will require groundwater samples if contaminated soil is in contact with bedrock. New school with basement will be built on top of location of former button factory. Two closed UST's on site (fuel oil). All excavation will be performed beyond present bedrock surface. All unconsolidated material will be removed. Geotechnical borings will be performed including water sampling. NYSDEC requires disposal manifest, site plan, work description and analyticals. Nine borings performed. Joel will register AST with PBS Unit.

4/21/2003-Vought: 4/28/2003-Received letter with copy of PBS registration sent to PBS Unit (Sigona).

5/5/2003-Vought: Received letter from Langan Engineering summarizing phone conversation on

4/7/2003. Touro College will be the new owner of property. Phase I performed by Langan consisted of coring through basement, first floor slabs and sidewalk for soil samples. Refusal on bedrock encountered within several feet of floor. Samples analyzed for STARS 8021/8270. Ethylbenzene, xylenes and napthalene found at concentrations exceeding TAGM 4046 RSCO's. Planned construction will include a basement to a depth of 25'. At completion of excavation Langan will screen rock surface with an organinc vapor monitor. Vought called Landes and reiterated requirement of a water sample if impacted soil is found to be in contact with bedrock surface in addition to disposal manifests, site plan, work description and soil analyticals.

1/7/04-Vought: Spill transferred from Vought to Austin.

01/27/04-Sawyer: Spill transferred from Austin to Sawyer.

November 15, 2005-Durnin: Based on the Remedial Action Report by Langan Engineering, dated February 2005, all contaminated soil was removed to bedrock. Groundwater quality meets standards. Sidewall samples acceptable. This spill is closed.

Map Identification Number 364 **IN TUNNEL BELOW (EMPIRE LINE TUNNEL)** **Spill Number: 1007688** **Close Date: 03/11/2011**
15 WEST END AVE NEW YORK, NY TT-Id: 520A-0255-630

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2093 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	hrpatel	Contact for more spill info:	STEFAN GILMORE	Contact Person Phone:	(917) 270-5452

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/11/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

leaking through the tunnel wall onto track - unknown where it is coming from - cleanup ongoing (contractor putting new pads down weekly) -

DEC Investigator Remarks:

10/29/10-HRAHMED-Called Stephan Gilmore of AMTRAK (917 270 5452) and left a message requesting callback.
Stephan called back. As per him, on 10/11/10 the AMTRAC contractor discovered some oil in the track seeping thru the side wall of tunnel during cleanup of garbage from the trac. They put some absorbent pad. They came back on 10/20/10. They found oil still dipping from the sidewall. They put new pads. They will go back next week to check the spot. Stephan will email me to update the status. If Stephan don't followup next week, DEC Patel would followup in the following week.

11/10/10-Hiralkumar Patel. received email from DEC Hasan (at 11:56 AM on 11/05/10) with copy of email update from Stefan. Doug from Moran environmental sent updates to Stefan stating that they inspected site on 10/29/10 when minimal free product found.

2:01 PM:- spoke with Stefan Gilmore. he mentioned that oil was found inside the 60th Street tunnel of Amtrak-Empire line. this tunnel is running under the city and closest building address, where oil leak was found, is 15 West End Ave. Stefan asked to contact Doug at Moran environmental who is handling cleanup.

Stefan Gilmore
Environmental Coordinator NY Division Engineering

400 W 31st Street, 5th Floor
New York, NY 10001
Ph. (917) 270-5452 (C)
email: stefan.gilmore@amtrak.com

2:06 PM:- left message for Doug at Moran.

Douglas Brittingham
Moran Environmental
Ph. (800) 562-7611
(203) 948-8338 (C)
Fax (203) 270-0096
email: dbrittingham@moranenvironmental.com

11/19/10-Hiralkumar Patel.
1:49 PM:- left message for Doug at Moran.

12/01/10-Hiralkumar Patel.
12:56 PM:- spoke with Stefan. asked him about updates. Stefan will ask Doug to call back.
1:03 PM:- received call from Doug. he mentioned that they were in tunnel for months for other work and during that, they observed reddish oil from tunnel ceiling. oil flowed along wall and came down to track area. Doug doesn't know if any product sample was collected or not. but they were in tunnel multiple times for oil spill cleanup. Doug mentioned that right above this spill area is a parking lot with hydraulic lifts. asked Doug to send information about site address (where hydraulic lifts are) and result of any product sample collected. Doug mentioned that they are going back into tunnel on 12/02/10 or 12/03/10. asked Doug to collect product sample for fingerprint analysis, if no sample collected before. asked Doug to take color pics of impacted area and leak area.
1:16 PM:- received call from Stefan. asked him to confirm property address which is right above the spill area. Stefan will ask their crew to note mile marker in tunnel and coordinate that on street. also asked him to collect product sample for fingerprint analysis, if no product collected before.

12/07/10-Hiralkumar Patel.
9:15 AM:- received email from Stefan with result of fingerprint analysis. fingerprint analysis shows product as hydraulic oil. as per notes from Moran environmental, more oil found in area.

possible source site: 15 West End Ave
alternate addresses: 1-29 West End Ave
property owner:

CRP/Extell Parcel N, L.P.
c/o Extell Development Company
805 3rd Ave, 7th Floor
New York, NY 10022
Attn.: Asher **property manager??**
PH. (212) 712-6110

(212) 712-6000
Fax (212) 712-6100

10:41 AM:- left message for Asher at Extell Development Company.

3:10 PM:- visited area. a Central Parking Systems in on 15 West End Ave. met John Madrid, facility manager of the parking facility. John mentioned that they have three lots: Lot A has 7 hydraulic motors, Lot B has 2 hydraulic motors and Lot C has 6 hydraulic motors.

John Madrid **facility manager**
Central Parking Systems
PH. (212) 246-4256

Jose Alvarez **operation manager**
Central Parking Systems
PH. (917) 974-7602

3:20 PM:- left message for Jose Alvarez, operation manager of Central Parking.

12/08/10-Hiralkumar Patel.
10:51 AM:- received call from Aldo Berasain from Central Parking. Mr. Berasain requested information about proximate location of the spill area so then can investigate lifts in that area. he mentioned that they have contract with Park Plus Inc. for maintenance of all lifts on the property. Mr. Berasain mentioned that hydraulic lift tanks on the property are either 50 gal or 90 gal capacity tanks. he also mentioned that at a time, these tanks have 1/3 rd of oil and remaining oil is in the tubes of the lifts.

Aldo Berasain
Director of Construction and Maintenance
Central Parking Systems
430 West 37th Street, 2nd Floor
New York, NY 10018
Ph. (212) 321-7751
email: aberasain@parking.com

11:05 AM:- left message for Mr. Luna at Park Plus Inc.

Washington Luna **maintenance supervisor**
Park Plus Inc.
PH. (973) 574-8020

11:15 AM:- spoke with Stefan regarding leak location. he is still waiting for information from another division in Amtrak. informed Stefan that without confirming street location, the department can not require any investigation done by Central Parking and the Department requires Amtrak to do weekly cleaning of the spill area. asked Stefan to collect product sample during next visit so that sample can be analyzed to compare with sample from oil tanks on parking lot.

11:20 AM:- spoke with Doug and asked him to collect product sample from tunnel so that sample can be analyzed to compare with sample in oil tanks in parking lot.

12/14/10-Hiralkumar Patel.
11:18 AM:- spoke with Stefan. he has set up inspection on 12/20/10, but still working on timing. he also mentioned that as per one of their employee, about 4-5 years ago, they had oil seepage into one of sump pit which is about block and half away from the current spill area. sump pit was cleaned up and sealed. as per employee, oil release was related to a construction site at that time. asked Stefan to bring maps and more info about the construction site.
11:30 AM:- left message for Mr. Berasain.

12/15/10-Hiralkumar Patel.
9:44 AM:- received message from Mr. Berasain.
11:22 AM:- spoke with Mr. Berasain regarding possible site visit on 12/20/10.

12/17/10-Hiralkumar Patel.
9:25 AM:- received email from Stefan. he scheduled a site visit at 9:30 AM on 12/20/10.
3:05 PM:- left message for Mr. Berasain with meeting schedule.

12/20/10-Hiralkumar Patel.
9:30 AM:- visited site. met Stefan. inspected track #1 on Empire line. rusty water with some reddish oil found along the tunnel wall on both side of track. as per Stefan, product amount has decreased a lot. spill area is right underneath the eastern edge of property 15 West End Ave. asked Stefan to inspect area again after a month. if no more product in the tunnel after a month, case can be closed.
inspected parking lot at 15 West End Ave. met Mr. Berasain. parking lot has two hydraulic pumps in the area of impacted area on track: one pump #A and another pump at the entrance along West End ave. during site inspection, Mr. Berasain mentioned that they removed a sign in the northeastern corner along West End Ave and during that process, they had to move a 90 gal hydraulic tank for lifts along West End Ave. found some stained soil around the tank. asked Mr. Berasain to test two pumps: pump A and entrance pump. informed Mr. Berasain that if the tanks fail or more product found on track after a month, the Department will require soil testing in area where the entrace pump was located initially (now there is a concrete pad in area).

12/21/10-Hiralkumar Patel.
1:03 PM:- sent email to Mr. Berasain and asked him to submit hydraulic oil system test results by the end of 01/07/11.

12/30/10-Hiralkumar Patel.
9:06 AM:- received email from Mr. Berasain requesting time extension to submit test results, due to snow storm.

01/04/11-Hiralkumar Patel.
3:38 PM:- sent email to Mr. Berasain approving time extension and asked to submit report by 01/14/11.

01/14/11-Hiralkumar Patel.
2:05 PM:- received email from Mr. Berasain including letter from Park Plus. Park Plus inspected lines on two systems and found no leaks.

01/20/11-Hiralkumar Patel.

2:07 PM:- sent email to Stefan inquiring updates about any more oil on track since last site visit on 12/20/10.
2:10 PM:- spoke with Stefan. he will schedule inspection. informed him about hydraulic system inspection result from Park Plus.
informed him that if no more oil found on tracks then case will be closed.

02/08/11-Hiralkumar Patel.
9:25 AM:- spoke with Stefan. due to weather condition, they haven't inspected tracks again. will do soon.

02/17/11-Hiralkumar Patel.
11:15 AM:- sent email to Stefan inquiring updates about re-inspection of the tunnel. email copied to Doug at Moran.

02/18/11-Hiralkumar Patel.
8:57 AM:- received email from Stefan. they haven't inspected tunnel yet. will do soon.

03/11/11-Hiralkumar Patel.
11:54 AM:- received email from Claudia Taccetta from Amtrak. she mentioned that track was inspected last month and there were not any sign of oil leaking and the pads/socks placed were clean.

Claudia Taccetta
Sr.Environmental Coordinator
Ph. (212) 630-6215
(917) 453-3951 (C)
email: Claudia.Taccetta@amtrak.com

based on available information, case closed.

Map Identification Number 365 **MAN HOLE # 40015** **Spill Number: 0104391** **Close Date: 03/16/2004**
9TH AVE / W. 58TH ST MANHATTAN, NY TT-Id: 520A-0090-090

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2097 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	STEVE ROMERO	Notifier Phone:	(212) 580-6763
Caller Name:	STEVE ROMERO	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/24/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CON ED # 138430 SPILL IS CONFINED IN MAN HOLE CLEAN UP IS COMPLETE HIGH PCB RESULTS HAVE COME BACK ON SAMPLE TAKEN PCB SHOWES 558 PPM NO SEWERS OR WATERWAY CLEAN UP IS COMPLETE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
e2mis 138430

E Fermaint #11181 reported to me that D Ehring #18770 while Flushing Manhole found oil dripping from a Cable in MH-4005. One ounce was on the floor and seems to be still dripping but no accurate amount could be estimated. No sewer/waterway was affected - verified by Conduit plate 31-e-3 that there is no sewer connection.The unknown oil spill source was a Cable and the cause is a leak which spilled on the comcrete floor which has about 1-1/2" of mud. Two samples were taken. No initail cleanup action was taken and #9 is on the site.

Lab Sequence #01-07603-001 Total PCB = 344 ppm.

Lab seq#01-07603-002 Total PCB = 558 PPM

UPDATE @ 19:00 HRS.

Joe Velez reported at 16:25 hrs. that the cleanup is in progress and 2 barrels are full.

7/24/0 0:25 J. Velez # 27098 Underground (Cleanup supervisor) Reports thast the cleanup was complete 100% at 20:20; job will remain open pending grid sampling results.

7/25 17:30 hrs

LAB RESULTS FOR LAB SEQUENCE # 01--7603-001

Grid Point #1 through #19 analyzed below 10ug/100 sq cm. All sample points acceptable.

Map Identification Number 366 **WASHINGTON JEFFERSON HOTEL** **Spill Number: 1010774** **Close Date: 03/18/2011**
318 WEST 51ST ST MANHATTAN, NY TT-Id: 520A-0258-193

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 2102 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name:
DEC Investigator: HRAHMED
Spiller: SCOTT HAMERACH - WASHINGTON JEFFERSON HOTEL
Notifier Name:
Caller Agency:
Contact for more spill info: SCOTT HAMERACH
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (631) 774-9821

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/20/2011		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	

Caller Remarks:

overfill of 50 gallons or more, unk tank size, no other information avail @ this time. Caller is en rte to investigate

DEC Investigator Remarks:

1/20/11-HRAHMED-Responded to the site today at 10:30AM.

Map Identification Number 367 **UNDER WEST SIDE HIGHWAY** **Spill Number: 9511545** **Close Date: 12/13/1995**
WEST 59TH ST MANHATTAN, NY TT-Id: 520A-0092-904

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2110 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 12TH AVE
Revised zip code: 10019

Source of Spill: COMMERCIAL VEHICLE | Spiller: RPS SANITATION | Spiller Phone:
Notifier Type: Other | Notifier Name: MR BRENNAN | Notifier Phone: (212) 315-6759
Caller Name: CRIBBIN | Caller Agency: CON ED | Caller Phone: (212) 580-6763
DEC Investigator: TOMASELLO | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/13/1995		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

SANITATION TRUCK HIT A POT HOLE CAUSING TANK TO COME LOOSE SPILLING THE DIESEL / SOME IS GOING INTO SEWER / CON ED IS NOT RESPONSIBLE / THE ARE ASSISTING WITH THE CLEAN UP

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 368 **12TH AVE AND 59TH STREET** **Spill Number: 9210915** **Close Date: 01/12/1993**
12TH AVE AND 59TH STREET MANHATTAN, NY TT-Id: 520A-0092-861

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2110 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 12TH AVE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: | Spiller Phone:
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: JOSEPH DEVOTI | Caller Agency: CON-ED | Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH | Contact for more spill info: | Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/21/1992	01/12/1993	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	60.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

OILY SHEEN COMING OUT OF CON-ED OUTFALL AT STATION- BOOM APPLIED-CLEANUP TO COMMENCE SOON

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
12/22/92: Internal Con Ed memo: The dock PIC reported a discharge of a dark substance into the river in the vicinity of the 59th St. discharge tunnel and the adjacent Sanitation Pier @ 1120 hrs.

Three fifths of the oil was contained by booms previously deployed. Station forces deployed assitional booms and oil soaking pads. At 1525 the sixe of the oil discharge being contained by the booms continued to grow. CIG was notified and Miller Environmental Group (MEG) was dispatched to assist in the clean up. MEG arrived at 1635 and deployed and additional 500 feet of oil absorbent boom with three boats and nine personnel. At this time the oily discharge ceased.

An inspection was made with DEP (Tom Thomas) and USCG of all drain troughs and oil handling stations within the building. No source of oil could be found. A manhole to the 59th St discharge tunnel was opened and there was no visual indication of oil.

10/10/95: This is additional information about material spilled from the translation of the old spill file: SHEEN.

Map Identification Number 369 **ON HUDSON RIVER** **Spill Number: 1104650** **Close Date: 09/01/2011**
BY 59TH ST AND 12TH AVE MANHATTAN, NY TT-Id: 520A-0267-992

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2110 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/24/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

200’ in booned area on dock - cleanup pending -

DEC Investigator Remarks:

07/24/11-Hiralkumar Patel.
2:23 PM:- spoke with Lisa at ConEd. she suspect sheen in river could be result of oil melting on pier extension due to heat.
sheen is contained inside the permanent boom. Ken’s Marine is responding. spill was reported to National Response Center.

9/1/11 - Austin - 320 ft. long sheen attributed by Con Ed to extremely warm weather leaching creosote out of piling by Pier 98 -
Con Ed contained and cleaned up the spill - See the documents in eDocs for further info - Case closed - end

Map Identification Number 370 **MANHOLE #58430** **Spill Number: 0807639** **Close Date: 12/22/2008**
WEST 59TH ST EAST OF MARGINAL ST MANHATTAN, NY TT-Id: 520A-0233-636

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 2110 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / MARGINAL ST
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	ERT - NYC TRANSIT	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	asnagi	Contact for more spill info:	ERT	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/07/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

Con ed is the 3rd party caller for a transit auth. manhole, there is one half of a gollon of product in the hole. Transit auth. will take care of it.

DEC Investigator Remarks:

12/22/08 - See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 371 **MANHOLE #58429** **Spill Number: 0807637** **Close Date: 10/16/2008**
WEST 59TH ST EAST OF MARGINAL ST MANHATTAN, NY TT-Id: 520A-0233-637

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 2110 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / MARGINAL ST
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	ERT - UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERT	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/07/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	

Caller Remarks:

An unknown oil was found in a manhole. Transit authority has control of this manhole and will be taking care of it.

DEC Investigator Remarks:

10/20/08 - See eDocs for Con Ed report detailing cleanup and closure.

10/16/08 - Austin - Received final EMIS - this spill reviewed as part of QA/QC of submissions Manhole belongs to NYCT, according to Con Ed, and the NYCT will clean it up. - spill closed - end

Map Identification Number 372 **' MANHOLE #58430'** **Spill Number: 0405793** **Close Date: 10/23/2006**
W 59TH ST / 12TH AV MANHATTAN, NY TT-Id: 520A-0090-835

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2110 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	LARRY COSTA	Notifier Phone:	(212) 580-8383
Caller Name:	LARRY COSTA	Caller Agency:	CON ED	Caller Phone:	(212) 580-8383
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/26/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	UNKNOWN	0.00	UNKNOWN	SOIL
UNKNOWN PETROLEUM	PETROLEUM	1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

1 GALLON UNKN OIL ON 200 GALLONS OF WATER. NO SMOKE,FIRE,WATERWAYS OR TRANSFORMER. AS OF 1925 HRS, SPILL IS COMING OFF 24 HR. PROGRAM. CLEAN UP PENDING. ConEd eMIS # 155069.

DEC Investigator Remarks:

10/23/06 - See e-docs for Con Ed report detailing cleanup and closure.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BREEN"
Employee reports that while working on dead cable in m58430 s/s w 59 st 94’ e/o 12 av, he discovered 1 gallon of unknown green oil on top of 200 gallons of water in the structure. There was or is no smoke or fire involved. No sewer or waterway affected. No injuries and weather had no affect. Source and cause of spill are unknown. No private property affected. No oil filled equiptment in the structure. Environmental yellow tag # 33576 was applied. Water is standing, no visual water movement. Conduit plate 31-c-3 shows no sewer connection. No substantial cracks. Access

anytime. No dielectric filled feeders in the structure. 2 liquid samples were taken from the spill by H Rose #15894, 1 for id and 1 for pcb. Sample priority "E". Chain of custody # cc16688. Cleanup is pending the availability of resources..

Map Identification Number 373 **SCHRAGER HOTEL** **Spill Number: 0306865** **Close Date: 08/12/2004**
353 W 57TH ST NEW YORK, NY TT-Id: 520A-0094-602

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2124 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	MARGARET GENTLE	Notifier Phone:	(718) 665-5700
Caller Name:	MARGARET GENTLE	Caller Agency:	STUYVESANT FUEL	Caller Phone:	(718) 665-5700
DEC Investigator:	CESAWYER	Contact for more spill info:	MIKE	Contact Person Phone:	(212) 554-6198 ext. 5

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/29/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SPILL IS BEING INVESTIGATED-CLEAN UP CREW HAS BEEN DISPATCHED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
Sangesland spoke with hotel engineering staff - "Mohamad"

He said the hotel got an oil delivery today (#2 oil) and oil leaked out of the gauge on the tank in the hotel basement.

They do not believe any floor drains were impacted.

Hotel staff contained the spill with linen and a shop vac. They vacuumed up approx 80 gallons of oil and put it into plastic storage drums in the basement.

Stuyvesant Fuel was called, but as of 4PM they were not yet on site.

Sangesland spoke to Margaret Gentle at Stuyvesant Fuel to say all of the contaminated linen will need to be manifested along with the oil in the drums. Sangesland also asked that the shop vac used by the hotel be looked at to determine if it should be thrown out as contaminated.

10/1/2003 Sangesland spoke with "Mike" hotel engineer (212-554-6193). He said Stuyvesant made an initial visit and laid down some speedie dry. They determined that the leak was from the tank gauge and it was not their problem. Stuyvesant gave the hotel engineer the name of ABC Tanks.

ABC Tanks came to the site on 9/30 and looked at the job. They submitted a proposal on 10/1 for $16,000 to clean up and repair the tank. The hotel engineer is waiting for approval from the hotel manager to hire ABC Tank. Until that time, the engineer says that the building is being run on natural gas.

It sounds like a DEC site visit is needed.

10/2/03 1130 Hrs Sawyer visited the Hotel and went down into the tank and boiler rooms with Mohammed who is an operator there. The floor and every surface was covered with #6 oil and speedy dry. The engineer was advised to get an environmental consultant

and to register this tank with NYSDEC.

10/3/03 1030 Hrs Sawyer was contacted by Birger Elvanist of Riverpoint Inc.(914)632-1552 an environmental consultant. The consultant was informed that the hotel management had just received a contaminated soil letter copy by fax today. He will keep DEC abreast of the progress.

8/12/04 - Sawyer - Received documentation that the cleanup was done by Abatement International Advatex. No further action needed. Closed.

Map Identification Number 374 **GRID # 39 WEST 61ST STREE** **Spill Number: 0607183** **Close Date: 06/25/2007**
BETWEEN WEST 60TH AND 61S NEW YORK, NY TT-Id: 520A-0209-647

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2126 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: BTWN W 60TH / W 61ST STS
Revised zip code: 10023

Source of Spill:	GASOLINE STATION	Spiller:	AMY YILMAZ - GRID # 39 WEST 61ST STREE	Spiller Phone: (917) 583-9403
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:
Caller Name:		Caller Agency:		Caller Phone:
DEC Investigator:	dcwalsh	Contact for more spill info:	AMY YILMAZ	Contact Person Phone: (917) 583-9403

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/22/2006		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1500 GALLON TANK STEEL WALL NO VAULT: EXCAVATION ON SITE DISCOVERD TANK AND SOIL CONATMINATION: TANK IS HALF FULL BUT MATERIAL IS UNKNOWN AT THIS TIME, WILL BE VACUUMED, CUT CLEANUED ON MONDAY: REF GRID # 39 BETWEEN WEST 60TH AND 61ST STREET AND WEST END AND AMSTERDAM: AKRF ALREADY HAS DEC OFFICER ASSIGNED TO PROJECT: SHAMINDER CHAWLA PH # 718-482-4897

DEC Investigator Remarks:

case managed by Shaminder Chawla

01/15/08-Vought-After discussion with DEC Chawla, site met Track I Cleanup Standards under BCP Program and therefore standard are met. FER was approved and COC was issued on 12/21/07.

Map Identification Number 375 **HESS GAS STATION** **Spill Number: 9606129** **Close Date: 12/31/1997**
502 WEST 45TH STREET MANHATTAN, NY TT-Id: 520A-0099-592

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2136 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 502 WEST 45TH ST
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	HESS GAS	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:	REFUSED	Notifier Phone:	
Caller Name:	REFUSED	Caller Agency:		Caller Phone:	
DEC Investigator:	MMMULQUE	Contact for more spill info:	UNKNOWN	Contact Person Phone:	(000) 000-0000

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/13/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SUBJECT WAS WALKING ON THE 45TH ST SIDE BY A SUBWAY AND NOTICE GAS LEAKING OUT OF THE STONE WALL - SUBJ ALSO NOTICE GAS VAPORS COMING FROM THE MANHOLES

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
MULQUEEN INSPECTED. ACTIVE UNDER PREVIOUS SPILL #'S.

Map Identification Number 376 **HESS #32215** **Spill Number: 9516313** **Close Date: 03/19/2003**
502 WEST 45TH STREET MANHATTAN, NY TT-Id: 520A-0099-590

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2136 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	HESS #32215	Spiller Phone:	(212) 245-6594
Notifier Type:	Responsible Party	Notifier Name:	DAN COLE	Notifier Phone:	(516) 224-4227
Caller Name:	DAWN JOHNSON	Caller Agency:	AMERADA HESS	Caller Phone:	(908) 750-7068
DEC Investigator:	SMSANGES	Contact for more spill info:		Contact Person Phone:	(212) 245-6594

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/19/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

soil borings found contaminated soil in readings of 1156 ppm

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Closed file filed under Spill #88-07198

Map Identification Number 377 **HESS GAS STATION** **Spill Number: 9509460** **Close Date: 11/09/1995**
10TH AVENUE NEAR W 44TH S MANHATTAN, NY TT-Id: 520A-0099-593

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2136 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 502 W 45TH ST
Revised zip code: 10036

Source of Spill:	GASOLINE STATION	Spiller:	HESS GAS STATION	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	DWAYNE HARRINGTON	Notifier Phone:	(908) 548-8730
Caller Name:	TASHA GERENA	Caller Agency:	NYC DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	O'DOWD	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/31/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

GASOLINE SEEPING UP FROM GROUND ONTO AJOINING PROPERTY. AFFECTED PERSON IS ROBIN RICHARDSON-CLARK, 442 WEST 50TH STREET, MANHATTAN, (212) 246-0167. NYC DEP WILL BE CONTACTING HAZ-MAT TEAM TO RESPOND.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

11/1/95 went to site didn't see any problems. hess tested 10x4K usts by crompco ust-2000 and tanks, vents and remote fills passed.

Map Identification Number 378 **502 W. 45TH ST** **Spill Number: 9415731** **Close Date: 03/05/1995**
502 WEST 45TH STREET MANHATTAN, NY TT-Id: 520A-0099-589

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2136 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL) Spiller: ISLAND TRANSPORTATION Spiller Phone: (718) 821-6900
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: TOM ROSZKA Caller Agency: ISLAND TRANSPORTATION Caller Phone: (718) 821-6900
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/05/1995	03/05/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	4.00	GALLONS	4.00	GALLONS	SOIL

Caller Remarks:

APPEARS SPILL CAME UP THRU FILL LINE - CALLED BACK AT 9:30 TO UPDATE QUANTITY.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 379 **502 WEST 45TH STREET** **Spill Number: 9314775** **Close Date: 03/22/1994**
502 WEST 45TH STREET MANHATTAN, NY TT-Id: 520A-0099-588

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2136 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNK Spiller Phone:
Notifier Type: Fire Department Notifier Name: Notifier Phone:
Caller Name: MR. JOE POLCH Caller Agency: NYC FD. Caller Phone: (718) 694-2460
DEC Investigator: O'DOWD Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/17/1994	03/22/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NOTICED IN SUBMERSIBLE PUMP PITS (4PITS KNOW TO HAVE PRODUCT) FD MR SORKIN SAID CALL TOMORROW AT 3:00/PM.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 380 **HUDSON RIVER - CON ED** **Spill Number: 0900546** **Close Date: 06/03/2009**
59TH ST NEW YORK CITY, NY TT-Id: 520A-0227-871

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 2156 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST
Revised zip code: 10019

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name:
DEC Investigator: mxferoze
Spiller: WOOD ON DOCK
Notifier Name:
Caller Agency:
Contact for more spill info: ERT
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/15/2009		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SURFACE WATER

Caller Remarks:

Oil Sheen coming from the treated lumber holding the dock together in the Hudson. They have an oil boom to collect the oil.

DEC Investigator Remarks:

06/03/09 - See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 381 **PIER 99/59TH ST/MANHATTAN** **Spill Number: 9002395** **Close Date: 06/07/1995**
PIER 99/59TH STREET NEW YORK CITY, NY TT-Id: 520A-0096-282

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 2176 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: PIER 99
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:	DAVID STEVEN	Caller Agency:	USCG	Caller Phone:	(212) 668-7920
DEC Investigator:	FINGER	Contact for more spill info:		Contact Person Phone:	

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/01/1990	06/07/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

SHEEN ON RIVER, 700FT WIDE, NRC NOTIFIED, CASE #24753, USCG TO INVESTIGATE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 382 **59TH ST/PIER 99/MANH** **Spill Number: 8910280** **Close Date: 01/26/1990**
59TH ST/PIER 99 NEW YORK CITY, NY TT-Id: 520A-0096-283

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 2176 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: PIER 99
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: ROBERT MURPHY
DEC Investigator: SIGONA

Spiller: UNKNOWN
Notifier Name:
Caller Agency: GOODKIND & ODEY
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 582-4830
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/26/1990	01/26/1990	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

SHEEN ON WATER NEAR CONSTRUCTION SITE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 383 **MIDTOWN NORTH PRECINT** **Spill Number: 0700820** **Close Date: 07/10/2009**
306 WEST 54TH STREET NEW YORK, NY TT-Id: 520A-0090-201

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2177 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Police Department
Caller Name:
DEC Investigator: rvketani

Spiller: OFFICER CORDES - MIDTOWN NORTH PRECINCT
Notifier Name:
Caller Agency:
Contact for more spill info: OFFICER JEFFREY CORDES

Spiller Phone: (347) 203-2600
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 476-6828

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/20/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER SAYS OIL IS GETTING INTOTHE ELEVATER SHAFT AT THE POLICE DEPT; UNKNOWN WHERE COMING FROM: THE HOLE IS PLUGGED BUT WANTED DEC NOTIFIED

DEC Investigator Remarks:

4/24/07 - Raphael Ketani. I made a site visit and met Officer Jeffrey Cordes, project manager (718) 476-6828), Vincent Jimenez, supervisor of mechanics, and two of his mechanics helpers (Nick Gisouda was one).

Mr. Jimenez showed me the elevator pit before Mr. Cordes could arrive. The elevator is in the front right corner of the building and there are no tanks nearby, according to the architectural/engineering plan of the building that he showed me. I took pictures of the pit (and later the site of the gas tank and the diesel tank, and the basement of the court house next door - total 7 pictures). Mr. Jimenez explained that they were drilling holes in the walls of the elevator pit in order to pump in bentonite for waterproofing the elevator shaft. When they pumped in the bentonite, oil came out the holes and the joints in the walls of the elevator shaft. I noted a moderate petroleum (raw oil) odor and the PID meter registered about 1700 ppb when the nose of the instrument was lowered into the pit. However, ambient vapors were about 51 ppb. I told Mr. Jimenez to open the top of the elevator shaft and ventilate the long column of air. Next, we met Mr. Cordes and walked to the back of the property where the courtyard was. He explained that the gasoline tank had just been replaced. I saw fresh concrete and the PBS record (#2-343056) indicated that the tank was installed on 3/21/07. Next, we looked at the location of the diesel tank. There was nothing to note on the pavement surface. The diesel tank had been replaced on 11/1/00, along with the 25 gal. day tank. Mr. Cordes explained that the fill box at the front of the building had been cemented in when the old diesel tank was removed and that a fill pipe had been connected that ran from the fill box to the old diesel tank (a distance of about 100 feet). He asked what would be necessary for the investigation. I told him that borings will have to be done around the elevator pit, inside and outside the building, across the street, and along the fill pipe. He agreed to have this done. After this, I left and went to the check out whether anyone else had seen any oil in their basements.

I went next door to the Midtown Community Court building, 314 W. 54 St., and was directed to and eventually met James Jennings, Artistic Director of the Sargent Theater. His theater is a tenant in the same building and he runs a very small off Broadway theater company and knows the construction history of the building and neighboring buildings. He took me down to the basement. He explained that we were well below ground level with about 12 feet of bedrock along the outside of the east wall. He said that

this location is at the end of the west leg of the building and is about 47 feet from the driveway separating the court house from the precinct building. Mr. Jennings showed me the weep holes and explained that black liquid had been coming out of them. I didn't see anything much sticking out of the weep holes, but some black algae (the place has a bad water seepage problem and is very wet). There was no evidence of oil or oil odors. I asked him whether he ever smelled oil here. He said "No," but he explained that he knew they had replaced the diesel tank several years ago in 1985. I thanked him and explored the neighborhood further.

Next, I went to 301 W. 53rd Street, the very tall, fairly new apartment building that was at the corner of W. 53rd St. and 8th Avenue. I talked to Hector, the super. He said that he has never seen any oil in his basement nor any odors. With that I left.

I noted the presence of several building addresses across from the Midtown North Precinct, 307, 309 to 315, and 317 - all on W. 54 St. There are no spills, past or present, associated with these address. The only PBS case I found was for 317 W. 54 St. The case is #2-275948 and has a 3500 gal. tank with #2 oil.

4/26/07 - Raphael Ketani. I spoke to Jane Staten (stay-ton) of URS (716) 923-1152 (the DDC consultants). She asked what DEC wanted in the way of an investigation. I told her that borings needed to be done around the bottom of the elevator shaft (i.e. inside the building, in the driveway, in front of the building) and one boring across the street, and several along the fill pipe line. She said she will send a work plan.

5/11/07 - Raphael Ketani. I received the 5/11/07 soil investigation plan for the site by e-mail from Mr. Cordes.

I reviewed the investigation plan and had several comments:

1)secondly, a boring needs to be drilled midway between SB-03 and MW-07
2)thirdly, there should be 6 " of double zero size Moree sand above the #2 sand that will surround the screen
3)well development should not take place until the grout has had time to completely cure
4)sampling should not take place until at least 2 weeks after development

I e-mailed these comments to Mr. Cordes.

7/2/07 - Raphael Ketani. I e-mailed Ms. Staten and asked her what progress was being made towards the investigation.

Ms. Staten e-mailed me back:

We attempted to drill on June 7 and 8 but were unable to complete the work due to the neighboring court house. Apparently, the noise was too disruptive and we were told that we would have to work during the one hour lunch break or on the weekends. One boring in the driveway was cleared to 4 feet below ground surface before refusal was encountered.

In order to work on the weekend, we need to issue a change order to our driller's contract to allow for the increased weekend rates. I recently received those rates from our driller.

In the meantime, URS will attempt to obtain Midtown North Precinct building design drawings from NYPD Building Maintenance Headquarters. Since there is a sump in the elevator pit, it may be possible to incorporate it into an interim or even permanent remedial strategy.

8/17/07 - Raphael Ketani. I reviewed the 4/25/07 Site Assessment Report for the Underground Storage Tank Removal. Four soil samples were taken in the tank grave for the 4000 gal. tank(PBS lists a 3500 gal. tank). All of the samples, except S-2 were virtually non-detect. S-2 had a PID reading of 14.6 ppm and many hits of SVOCs. However, none of the hits were above the TAGM RSCO limits. The DEC found the report to be acceptable. This report concerned the tank under the southeast part of the property, not the leaking of oil into the bottom of the elevator shaft.

I called up Ms. Staten of URS (716) 923-1152 regarding the oil in the elevator shaft. She said that they have halted drilling as the judge at the court house across the alley came down and told them to stop. He said they were making too much noise (is that possible in NYC?) and to work on the weekends. Ms. Staten said that they have to come up with a new contract because of the higher weekends drilling and consulting rates and they also have to come up with a strategy for managing the oil that is still leaking into the bottom of the elevator shaft. She said that getting the elevator back in service is urgent as it is the only elevator in the buidling. She said they are thinking of some type of oil drainage and collection system with pre-treatment because groundwater is also seeping into the shaft. Ms. Staten said that the separated water will then be pumped into the sanitary sewer system. She added that a venting system will also be installed because of the oil vapors.

Ms. Staten said that they hit refusal at one location at 4’ below grade. They aren’t sure whether this was bedrock or a footing. She said finding a drilling location was very tough due to all of the utilities under the alley and the subway vents nearby. I asked her whether URS tested the old fill port and fill pipe. She said that the fill port was cemented years ago and the fill pipe is no longer in use. She said that a direct fill was installed for the tanks and that the oil delivery truck is going back there successfully. I asked her what type of oil was leaking into the elevator shaft. She said #2. I told her that, at least, if no more than one well can be installed, then it can be used to pump treatment solutions into the subsurface.

I asked her how bad the vapors are. She said she spoke to Mr. Cordes from the NYPD and he told her there have been no complaints. I told her that URS had to set up some type of vapor monitoring system in the building until the oil release is resolved. She asked whether 8 hour suma canisters would be acceptable. I told her some type of system has to be set up and quickly. She said that URS will get on it. I told her DEC needed regular vapor concentration reports in writing. She said she understood. Lastly, she said the work wont start until sometime in September.

8/27/07 - Raphael Ketani. Today I received the Proposed Remedial Strategy from URS dated 8/21/07. I reviewed the plan for sealing the elevator walls and collecting the oil that seeps through the walls to the sump. I found the plan to be acceptable. I called her and left a message to that effect. She mentioned in the plan that investigative borings will resume when they get the DDC permits for evening and weekend drilling.

10/2/07 - Raphael Ketani. I spoke to Ms. Staten regarding progress at the site. She said that the change order to drill at night and on weekends went through and is on Afar Samani’s desk. She is the project manager from the DDC. Ms. Staten said that none of the work going on is funded. She said the contractors are continuing to work on small items, but no big ticket items are being repaired or taking place. She said that they were supposed to get funded by the new fiscal year, but the money hasn’t come through. I asked her to do a PID check of the vapors in the basement and the other floors in the precinct building. She said this will take place and she will e-mail me the results.

10/3/07 - Raphael Ketani. I called up Afsar Samani of DDC (718) 391-1064 and told her that the Midtown North Precinct project needs money so that they can do the work. She said that the money is not in the budget yet. I asked her how long it will take. She said probably 4 weeks. She said that URS and its contractors should keep doing the work they're supposed to. I told her that they had to stop because the judge in the court house next door told them tha the drilling noise was too loud. She said she wasn't aware of this. I told her that DEC was concerned that the investigation and remediation work would stop because oil is seeping into the bottom of the elevator shaft and making vapors. She said she wasn't aware of this either. I told her that URS needs the funding to do the necessary work and Ms. Staten had told me that the money isn't there for expensive or large money parts of the project. Ms. Samani said that URS is supposed to do all the work that is necessary.

I called Ms. Staten and explained to her that the funding was about 4 weeks away. I told her that Ms. Samani wasn't aware of the change in drilling. She said that Ms. Samani is not the project manager, but she is the boss of the project manager at DDC. She added that the change order is probably sitting on her desk, but she isn't aware of what it is for. I told her that URS needs to communicate better with DDC. I added that she should call Ms. Samani.

11/28/07 - Raphael Ketani. I spoke to Ms. Staten (716) 923-1152. She said that they attempted to install the wells as requested on 11/17/07. However, they ran into many difficulties and a dangerous situation. First, they tried to do a utility survey, but the survey instrument encountered too much interference. They tried drilling in the driveway between the precinct building and the courthouse, but they were too close to the wall of the precinct building and were vibrating it badly. On top of this, they hit a gas line and another pipe. Though they didn't go through them. They then considered drilling between 2 water pipes, but Ms. Staten told the drillers not to do it as she felt the vibration from the drill would be too much and break the pipes. She added that they couldn't drill in the sidewalk as the fiberoptics for the Transit Authority subways runs under West 54 Street. Also, there is a general moratorium on drilling in Manhattan until January 2008.

Ms. Staten continued and stated that work was put out to bid to establish a passive oil collection system and improve the sump in the floor of the elevator shaft. They will clean out the elevator pit, and seal the walls so that no water or oil can get through, except via the holes that were drilled before. The sump pump will be replaced with a new pump.

I asked Ms. Staten to submit a report detailing the difficulties that they had in trying to install the wells and explaining what their new passive collection system is all about. I also asked her to submit the air sampling data for within the precinct building, the soil analytical data and any other information that she had for the investigation. She said she will do this.

I brought the case to the attention of Randall Austin, Chief of the Spills Unit. We came up with the idea of having URS and its contractors break up the sidewalk at the fill port, along the bend in the fill pipe, and maybe a little beyond the bend. Then they should dig down by hand - maybe a foot or so - and try to remove as much contaminated soil as they can find. Then they should inject or pour in oil treatment solution and breakdown the oil.

I left a message for Ms. Staten describing this new plan of investigation.

Ms. Staten called me back and stated that she would like to submit the investigation progress report before considering other alternatives to the passive collection system. She said that the subway duct bank is 3 feet below the sidewalk and 3 feet in from the curb, and does not daylight at the surface. She said that the old fill port was taken out when the duct bank was installed back about the year 2000. She said that the concrete under the driveway is reinforced with rebar and it would be very difficult to cut through. She said that she is open to other ideas, but she thought that there was no point in breaking up the sidewalk,

even if her crew were to expose the bend in the old fill pipe where the release may have originated from. She insisted that the best way to handle the situation is to plug up the holes in the elevator shaft wall and let any oil that is behind the wall seep into the sump. Ms. Staten (716) 923-1152 said the idea is to seal the walls and keep the water out so that it doesn't rust the elevator.

1/9/08 - Raphael Ketani. I spoke to Ms. Staten. She said that the report on their investigation of the site is in the mail and DEC should get it by friday. She said there really wasn't much anyone could do about the oil behind the wall of the elevator shaft. She said that they will seal the wall and let the sump collect the oil. She said that they ran air vapor samplers for 8 hours each in the precinct building and didn't detect any odors.

1/10/08 - Raphael Ketani. I received the Field Investigation Results report dated 1/3/08 from URS.

1/17/08 - Raphael Ketani. I finished my review of the FIR report. I called up Ms. Staten and told her the DEC was concerned that the investigation was hampered by the utilties and re-bar reinforced driveway and couldn't really do much work. I stated that at least some of the oil should be collected that is still behind the wall of the elevator shaft as it is #2 oil and can generate vapors and seep through at other locations. She said that the police were upset that the elevator wasn't running, but they weren't going to fix it if groundwater seeps in again. Therefore, they want the elevator shaft sealed. She added that this meant that the oil behind the wall would be sealed, also. I told her that the DEC wanted at least some of this oil collected. I suggested doing a one shot collection scheme whereby they take out the plugs in the wall and allow as much oil as possible to seep out in a finite period of time. She said she will talk to the NYPD and her people at URS and see what she can come up.

2/8/08 - Raphael Ketani. I received a call from Ms. Staten (716) 923-1152. She told me that her client and URS have agreed to the remediation approach discussed earlier. This would be to remove the plugs in the walls of the elevator shaft and to let as much of the oil drain out as is possible. Once they have determined that they are getting just water, then the plugs will be installed permanently and the elevator shaft floor will be cleaned. I told Ms. Staten this would be fine.

3/31/08 - Raphael Ketani. I spoke to Ms. Staten today. She said that they will replace pump, replace the in-line filters and pull the plugs in walls to let all of the liquids flow out. She added that they may drill additional holes to let more oil out. I asked her to keep me posted. She said she will.

8/20/08 - Raphael Ketani. I spoke to Ms. Staten. She said that the new sump pump was installed. When they first removed the plugs in the walls, a lot of liquid came out, but it was mostly water. The liquid was sucked up with a vac truck. The remediation contractor goes out every week to check on the situation and collect liquid. Air samples were taken weekly, at first, and now they are monthly. There have been no vapors in the building, itself. The elevator shaft has a passive venting system at the top and so they believe that's where the vapors are going. In September, the contractor will clean the pit and then they will see how much oil they are recovering from the wall holes. If it is water, then they will seal the holes and the pit, and end the job.

9/15/08 - Raphael Ketani. I spoke to Ms. Staten today (716) 923-1152. Next teusday they are going to bring a vac. truck and clean the elevator pit. Then they will monitor the site for oil seepage. If they don't see anything, then they will use Zypex and seal the weep holes. She said that if there is no oil and everything is sealed, then they will send DEC a closure report. She said she will know in several weeks what the full situation is and she will keep DEC informed.

10/27/08 - Raphael Ketani. I contacted Ms. Staten today. She said that they filled in the weep holes several weeks ago. Nothing is coming through the filled holes. They have been changing filters in the sump for a while now, but there is nothing to speak

of. They will power wash the elevator shaft floor this wednesday (10/29/08) and then apply the Zypex. Sometime after this, DEC will get a closure report.

11/21/08 - Raphael Ketani. I spoke to Ms. Staten (stay-ten). She said that the Zypex was applied two weeks ago. She said that people are going out once a week to make sure that it is holding up and keeping the water from draining into the elevator shaft. She said she hasn't forgotten about the closure report for the DEC, but she just wants to give the report a little more time.

12/23/08 - Raphael Ketani. I tried to contact Ms. Staten (716) 923-1152, but could only leave a message requesting the closure report.

12/30/08 - Raphael Ketani. I spoke to Ms. Staten. She said that they applied the Zypex to the walls at the bottom of the elevator shaft several weeks ago. It worked 90%. Now they have to get a change order to the work approved to do a second application of the material. She said that it's essentially cement and crystallizes on the surface it's applied to. The change order wont be approved until after 1/5/2009. This is when the contractor will be back in the office and the change order price can be discussed. She hopes that the work will be completed no later than late February 2009. I told her to keep me informed regarding progress on the project.

1/27/09 - Raphael Ketani. I received the following e-mail today from Ms. Staten:

I thought I would save you the trouble of phoning me and update you on the status of the Midtown North Precinct (spill no. 0700820).

As you may remember, our contractor applied Xypex, the waterproofing material, to the inside of the elevator pit. A couple of weeks following application, there were a few spots that showed breakthrough. So the Xypex representative. URS, and our contractor met at the site to discuss the problem and to develop a solution. Since the "solution" that was developed is outside the original scope of work, a change order is required. URS will submit the change order request to the NYCDDC by the end of this week.

We anticipate that the change order will be approved and that the contractor will complete the additional work by the end of March 2009. I will keep you posted.

Thanks.
Jane Staten

4/22/09 - Raphael Ketani. I tried to contact Ms. Staten (stay-ton) (716) 923-1152, but could only leave a message. I also sent her an e-mail requesting information about progress at the site.

Ms. Staten e-mailed me that the contractor recently completed the extra sealant application work. They are now in the monitoring phase of the project to see whether the seals hold. If they do, then URS will send a closure report.

6/17/09 - Raphael Ketani. Ms. Staten sent me an e-mail. She wrote that the elevator repair work has been completed. DEC will

receive the report describing the investigation and remediation work in the next several weeks.

7/9/09 - Raphael Ketani. Today I received the Summary of Remediation Activities and Request for Spill Closure report dated 6/30/09. I reviewed the report and had several comments for Ms. Staten.

7/10/09 - Raphael Ketani. I tried calling Ms. Staten, but could only leave a message wherein I asked the following:

1) how come oleophilic filters were being kept in the sump even though the site was cleaned up?
2) the picture dated 9/22/08 has a caption stating that petroleum product was allowed to drain into the sump for discharge - was oil actually allowed to flow into the sewer system, or was the oil first caught on the oleophilic filters and removed before discharge of the total liquids entering the sump?
3) the pictures dated 11/5/08 and 11/20/08 shows oil stains - were the walls waterproofed too soon, thereby not allowing all of the oil to drain out that could have?

Ms. Staten called me back. She said the following in response to the above 3 questions:

1) there is no more oil, the filters were just left in the sump as a precaution should there ever be renewed seepage
2) the oil was draining into the sump, but it was then pumped to oleophilic filters, and then the separated water was discharged into the sewer through a pipe
3) there was no oil coming out from behind the wall - there was not enough oil to seep into the elevator pit - but what little oil that was trapped in the sediment behind the wall did manage to stain the new concrete. The stained concrete was later replaced.

I told Ms. Staten that her answers gave me the information that I needed to close the spill case.

Based upon the information in the Spill Closure report, there appear to be no more impacts to people using the building and the residual oil that is left appears to be contained and will not affect the environment. Therefore, I am closing the spill case.

Map Identification Number 384 **321 WEST 55TH ST** **Spill Number: 9900823** **Close Date: 05/05/1999**
321 WEST 55TH ST NEW YORK, NY TT-Id: 520A-0094-528

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2190 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PASSENGER VEHICLE
Notifier Type: Responsible Party
Caller Name: WILLIAM MURPHY
DEC Investigator: JHOCONNE

Spiller:
Notifier Name: MR TIMMONS
Caller Agency: CON ED
Contact for more spill info: WILLIAM MURPHY

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/22/1999		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CON EDISON STATES THERE WAS A FIRE IN A MANHOLE A VEHICLE WAS PARKED OVER THE MANHOLE AND THE OIL PAN ON THE CAR GOT HOT AND FELL OFF SPILLING HALF A QUART OF MOTOR OIL THEY HAVE IT CONTAINED AND THEY WILL PICK UP THE SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con ed e2mis notes:

Spill motor oil, approx 16 oz motor oil on manhole cover...spill is contained, no impact to waterway or sewer. Spill incident due to damaged oil pan on private vehicle...pads were placed on spill until car was moved...when vehicle was removed from (321 W.55st) partial clean up was performed...red wagon crew on location responding to manhole fire and bldg outage. Cleanup pending completion of trouble work at site. Reports clean up completed as of 05:00 hrs.

Map Identification Number 385 **VACANT LOT** **Spill Number: 0514822** **Close Date: 08/09/2007**
228 WEST 61ST STREET NEW YORK, NY TT-Id: 520A-0095-749

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2195 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Other
Caller Name: RICHARD GARDNEER
DEC Investigator: dcwalsh

Spiller: RICHARD GARDNEER - VACANT LOT
Notifier Name: RICHARD GARDNEER
Caller Agency: AKRF INC
Contact for more spill info: RICHARD GARDNEER

Spiller Phone: (914) 922-2369
Notifier Phone: (914) 922-2369
Caller Phone: (914) 922-2369
Contact Person Phone: (914) 922-2369

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/24/2006		OTHER	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

dec project manager is shindler chawla: found contamination at site

DEC Investigator Remarks:

Site is part of a Brownfield project

08/09/07-Vought-Spill closed as per request from DEC Chawla.

01/15/08-Vought-After discussion with DEC Chawla, site met Track I Cleanup Standards under BCP Program and therefore standard are met. FER was approved and COC was issued on 12/21/07.

Map Identification Number 386 **POTAMKIN VOLKSWAGEN, INC.** **Spill Number: 9911548** **Close Date: 09/12/2005**
30 WEST END AVE MANHATTAN, NY TT-Id: 520A-0098-557

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2205 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	DAVID PULVERMILLER		Spiller Phone: (516) 289-0660
Notifier Type:	Other	Notifier Name:	DAVID PULVERMILLER		Notifier Phone: (516) 289-0660
Caller Name:	DAVID PULVERMILLER	Caller Agency:	ENVIR. AUDIT GROUP		Caller Phone: (516) 289-0660
DEC Investigator:	TLGIBBON	Contact for more spill info:	DAVID PULVERMILLER		Contact Person Phone: (516) 289-0660

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/04/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER JUST RECIEVED THE RESULTS BACK OF SOIL SAMPLES

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
re-assigned from Tomasello.

3/23/2004 ACCORDING TO PBS RECORD, TANKS WERE CLOSED IN PLACE IN JANUARY 2001. SIX 550 GALLON GASOLINE TANKS IN A SUB-BASEMENT OF A GARAGE.

0/29/04 Transferred from Martinkat to Rommel

6/8/05 - Transferred to TLGibbons in the Central Office, Albany

6/29/05 - Spoke to Richard Wisniewski, Facilities Manager for Heshel Schools, (212) 595-7087. He said the spill was related to an oil tank in the Potamkin car dealership at 28-30 West End Ave., not below the high school at 20 West End Ave. Will find paperwork.

8/10/05 - Spoke with George Spallina, CEO of Potamkin. He will find paperwork.

8/17/05 - Spoke with Ted Yen from Don Carlo Environmental Services, (718) 641-4000, who did cleanup. He will send tank closure report (dated 10/22/01) which was received on 9/9/05.

9/12/05 - Tank closure report indicates that the 6 550 gallon gasoline USTs were cleaned and closed in place and the lines were discontinued and closed or removed. Soil screening and end point samples were clean. A notarized affidavit dated 10/23/01 stating the above was included with the report. Close spill.

Map Identification Number 387 **IN THE ROADWAY** **Spill Number: 9909993** **Close Date: 03/04/2003**
W 45TH BET 9TH & 10TH MANHATTAN, NY TT-Id: 520A-0101-558

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2223 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: W 45TH ST
Revised zip code: 10036

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: CHERELLE MAYFIELD
DEC Investigator: TOMASELLO
Spiller: UNKNOWN - PRIVATE CO UNK
Notifier Name: CHERELLE MAYFIELD
Caller Agency: DEP
Contact for more spill info: UNK
Spiller Phone:
Notifier Phone: (718) 595-6777
Caller Phone: (718) 595-6777
Contact Person Phone: (000) 000-0000

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/17/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

100 gal spilled from a 6000 gal truck - unk further clean up crew on scene

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 388 **415 W 45TH ST** **Spill Number: 9515866** **Close Date: 03/12/1996**
415 W 45TH ST MANHATTAN, NY TT-Id: 520A-0092-304

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2234 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN | Spiller: UNKNOWN - UNKNOWN | Spiller Phone:
Notifier Type: Local Agency | Notifier Name: | Notifier Phone: (516) 968-5491
Caller Name: LORRAINE JAMES | Caller Agency: NYC DEP | Caller Phone: (718) 595-6777
DEC Investigator: O'DOWD | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/12/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller stated there was tanks leaking underground - she had no other information

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 389 **46TH ST & 9TH AVE** **Spill Number: 9107170** **Close Date: 01/12/2004**
46TH ST / 9TH AVE NYC, NY TT-Id: 520A-0093-917

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2260 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: WEST 46TH ST / 9TH AVE
Revised zip code: 10036

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: REGAL CLEANERS | Spiller Phone:
Notifier Type: Federal Government | Notifier Name: | Notifier Phone:
Caller Name: M CHONG | Caller Agency: USEPA | Caller Phone: (908) 548-8730
DEC Investigator: RWAUSTIN | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/03/1991		UNKNOWN	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

SPILL IN BLDG, STREET & SEWER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
/ / : UNFOUNDED.

10/10/95: This is additional information about material spilled from the translation of the old spill file: PERCHLOROETHYLENE

1/12/04 - AUSTIN - SURF. SPILL REPORTED BY EPA - "UNFOUNDED?" - CLOSED DUE TO AGE - ORIG. ASSIGNED TO TANG - END

-

Map Identification Number 390 **ONE GAL OIL MH 39908** **Spill Number: 0702387** **Close Date: 09/16/2008**
9 AVENUE & W 46 STREET MANHATTAN, NY TT-Id: 520A-0099-544

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2260 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9TH AVE / W 46TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERTSDESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/26/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
COOKING GREASE	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

72 HOUR CLOCK 1 GALLON ONTOP OF 200 WATER SAMPLE FEEDER OUT COOKING OIL STRUCTURE WAS NOT CONTAINED NOT SURE IF SEWER RELEASE HAPPENED. 206108

DEC Investigator Remarks:

206108. see eDocs

9/16/08 - Austin - oil is sewer from DEP sewer (cooking oil) - closed

Map Identification Number 391 **VAULT 9021** **Spill Number: 0206450** **Close Date: 01/20/2004**
W 46TH ST/9TH AV MANHATTAN, NY TT-Id: 520A-0093-915

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2260 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: WEST 46TH ST / 9TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	CURTIS	Notifier Phone:	(212) 580-6763
Caller Name:	PETE MAGUIRE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/21/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

UNK RIGHT NOW AS TO CAUSE AND/OR RESPONSIBLE PARTY - CONTAINED IN VAULT - CASE #145179 - SEWER CONNECTION NOT VERIFIED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 145-179:

Robert J Griffing #14428, Senior Field Operator was in V-9021, found approx 100 gallons of transformer oil, and no water. At this time sewer connection is not verified. No fire or smoke.

Tag #18317 placed. Two samples taken PCB & ID. Clean up pending repair and or removal of transformer.

1/20/04

Transformer replaced and cleanup completed on 10/11/02.

Map Identification Number 392 **CLEANERS** **Spill Number: 9808712** **Close Date: 02/13/2003**
659 9TH AVE MANHATTAN, NY TT-Id: 520A-0092-535

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2261 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	PAUL CIMINELLO - CLEANERS	Spiller Phone: (914) 452-1658
Notifier Type:	Other	Notifier Name:	PAUL CIMINELLO	Notifier Phone: (914) 452-1658
Caller Name:	PAUL CIMINELLO	Caller Agency:	ECO-SYSTEMS STRATEGIES	Caller Phone: (914) 452-1658
DEC Investigator:	MMMULQUE	Contact for more spill info:	PAUL CIMINELLO	Contact Person Phone: (914) 452-1658

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/13/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DRY CLEANING FLUIDS	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SOIL CONTAMINATED WAS DOCUMENTED - ADDITIONAL TESTING TO BE DONE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
02/13/2003-Closed Due To The Nature / Extent Of The Spill Report.

Map Identification Number 393 **BUSINESS** **Spill Number: 0602285** **Close Date: 09/06/2006**
301 WEST 53RD STREET MANHATTAN, NY TT-Id: 520A-0097-607

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2265 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 301 W 53RD ST
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	DANIEL COBAL - BUSINESS	Spiller Phone:	(212) 712-0614
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	HRPATEL	Contact for more spill info:	DANIEL COBAL	Contact Person Phone:	(212) 712-6014

Category:	Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class:	Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/31/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

25000 GALLON TANK FAILED TIGHTNESS TEST

DEC Investigator Remarks:

05/31/06-Hiralkumar Patel. Spoke to Amy. they found dry leak in 25000 gal AST system. haven't found any oil stains under the tank. tank contains oil/water mix. Spoke to Mr. Cobal. he gave me following address to send out letter:

Extell 53 LLC
800 3RD Ave Fl 4
New York NY 10022-7772
Ph. (212) 712-6014
FAX (212) 712-6100

PBS #: 2-310107

TTF letter sent out to Mr. Cobal. faxed to Mr. Cobal.

06/01/06-Hiralkumar Patel. Received call from Mr. Cobal. he is in process of hiring contractor for work. he will call back by Jun 8, 2006 with contractor's name and number. as per him, to do testing work, he needs to block some public area and to get permit from Dept. of building, it will takes about 3 weeks. told him that if the department gets updates on regular basis, the department can approve deadline extension.

06/07/06-Hiralkumar Patel. REceived message from Daniel (Ph.: 212-712-6014, FAX: 212-712-6100). Left messsage for Daniel.

06/09/06-Hiralkumar Patel. REceived message from Daniel (212-712-6014). Left messsage for Daniel. Received call from DAniel. he is in process of hiring contractor. he thinks that first company haven't done test correctly and haven't cover vent pipe and Daniel thinks that is the reason behind tank failure. and Daniel told that property has UST and testing company reported it as AST.

06/16/06-Hiralkumar Patel. Received call from Daniel and he is still in process of hiring someone.

06/22/06-Hiralkumar Patel. REceived call from Daniel. he has hired Island Tank (718-708-3425). spoke to Vinny and he is going onsite tomorrow to do test again.
07/10/06-Hiralkumar Patel. spoke to Vinny and he found dry leak in pipes and at manhole. he has submitted proposal for further work. haven't heard back. Left message for Daniel. received call from Daniel. Eastmond will start further work on July 13, 2006. Eastmond will cut open and clean tank and will do isolation test. asked Daniel to call once he gets test result.
08/14/06-Hiralkumar Patel. spoke with Rene. he will check records and will call back.
08/23/06-Hiralkumar Patel. left message for Daniel.
08/24/06-Hiralkumar Patel. REceived message from Daniel. he has final report from testing company and can send through email. left email address to Daniel. received passing tank test result through email from Daniel.
08/25/06-Hiralkumar Patel. left message for Rene and Daniel as email that i got from Daniel doesn't have information about repair

work that done to make test pass.

09/06/06-Hiralkumar Patel. received fax from Isaac from Eastmond. they did isolation test on system and found system tight.
problem was old line connected to tank top. they have plugged this line and reseal manhole cover.
based on available information, case closed.

Map Identification Number 394 **VAULT #6078** **Spill Number: 0400461** **Close Date: 07/16/2004**
302 W 54 ST MANHATTAN, NY TT-Id: 520A-0094-549

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2265 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 302 W 54TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	MR. PAGANO	Notifier Phone:	(212) 580-6763
Caller Name:	PAUL DINONATO	Caller Agency:	CONED	Caller Phone:	(212) 580-6764
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/15/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CON ED WAS INSTALLING A NEW TRANSFORMER IN A VAULT WHEN A STRAP BROKE DAMAGING THE TRANSFORMER, RELEASING THE FLUID. SPILL IS CONTAINED IN THE VAULT. CLEAN UP PENDING TRANSFORMER REMOVAL. NO SMOKE, FIRE, INJURIES, ETC.

DEC Investigator Remarks:

e2mis 152917

E Hulser # 3972 of Cable reported that while installing a new Transformer Unit at 302 W.54 St., one of the supporting straps caught on a "porcelin stab" and broke it and approx 10 gallons of dielectric fluid leaked out of the Unit into the Vault. The

Unit has a capacity of 390 gallons and the serial # P 819646. No sewer/waterway affected. The spill was in the concrete structure. No substantial cracks observed. There was no standing water in the structure. Environmental tag # 18708 was hung. Two samples will be taken for PCB and ID. Partial cleanup will need to be scheduled for a drain of the Unit. Pending removal.

4/15 @ 05:23

EPA ID # NYP004119475 issued. Cleanup scheduled for 4/15 @ 07:00 HRS.

UPDATE: Lab Results 04/15/04 08:33 hrs

Lab Sequence Number: 04-02847-001

PCBs < 1 ppm

Update as of 15:00 hrs partial clean up has been complteted as reporteted by G.Anelli. He and his crew removed 1 barrell of PPE and spill kits. Also approx. 30 gallons of oil from floor and approx. 220 gallons from unit to tanker. Power washed twice with flush trk, and slix.

Update: Clean up complete as per O.S Cable Dept. G Byrne #81264

He reports that the only solids removed was oil absorbent, and water to flush truck. It was washed twice with slix, and power washed with flush truck. Old transformer was removed and new one installed.

Map Identification Number 395 **212299; 61 ST AND WEST END AVE** **Spill Number: 0814257** **Close Date: 07/05/2008**
61 ST AND WEST END AVE NEW YORK, NY TT-Id: 520A-0249-439

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2273 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: W 61ST ST / W END AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	DMPOKRZY	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/04/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 396 **WEST END AV W 61ST ST** **Spill Number: 0105717** **Close Date: 04/29/2005**
LEE MILES PARKING GARAGE MANHATTAN, NY TT-Id: 520A-0095-278

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2273 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: WEST END AVE / W 61ST ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	WEST END AV W 61ST ST	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	MXTIPPLE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/27/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER WAS METER READER WHO WENT INTO BASEMENT AND DISCOVERED AN OIL SPILL IN BASEMENT WHICH IS MIXED WITH WATER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
TIPPLE CONDUCTED A SITE VISIT AND THE FLOOR WAS UNDER WATER. tHERE WAS A SLIGHT SHEEN OF PETROLEUM WHICH APPEARED TO BE CAUSED BY THE CARS IN THE PARKING GARAGE// //////

Map Identification Number 397 **Spill Number: 0104659** **Close Date: 07/29/2003**

W.61ST ST/WEST END AVE MANHATTAN, NY TT-Id: 520A-0090-092

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2273 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR PAGANO	Notifier Phone:	
Caller Name:	CHARLIE MCCARTHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:	CHARLIE MCCARTHY	Contact Person Phone:	(212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/31/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION DURING EXCAVATION.

SAMPLE TO TAKEN AND CLEANUP TO FOLLOW. CON ED # 138605.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
Con Ed e2mis #138605:

At 14:30 on 7/31/2001 J. Washington # 20481 of Construction Management reported to me that while working with "Counties" Contractors excavating a trench 17' long by 2 ' deep to unobstruct "ducts" a "wetness" appeared in the soil and approx 15 gals of the substance was seen. There was a smell similiar to gasoline from the trench. At this point work was stopped. The location is W. 61 st & West End Ave. There was no initial cleanup action taken and the Chem Lab was called and Washington will wait for them to arrive.

UPDATE: 8/01/01

Lab Sequence #01-07830-001, Total PCB = < 1.0 ppm

analysis indicates the presence of a substance similar to a mixture of gasoline and a lubricating oil.

05/06/03 @ 7:30hrs - As per Mr. Washington the clean up was complete and one roll off of non haz contaminated soil was removed by Clean Harbors and disposed of at Clean Rocks.

Map Identification Number 398 **HOTEL** **Spill Number: 0505194** **Close Date: 03/09/2006**
851 8TH AVE NEW YORK, NY TT-Id: 520A-0091-627

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2281 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	VINNY LOVRI - HOTEL	Spiller Phone:	(718) 509-7600 ext. C
Notifier Type:	Other	Notifier Name:	VINNY LOVARI	Notifier Phone:	(718) 967-9424
Caller Name:	VINNY LOVARI	Caller Agency:	ISLAND TANK	Caller Phone:	(718) 967-9424
DEC Investigator:	JXZHAO	Contact for more spill info:	VINNY LOVRI	Contact Person Phone:	(718) 509-7600 ext. C

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/29/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

FOUND OIL WENT THROUGH SOME CONCRETE WHILE REMOVING TANK: WILL BE REMOVING CONTAMINATED SOIL;

DEC Investigator Remarks:

Contaminated Soil letter sent to PBS Contact:

Cornwall Hotell LLC
851 Eighth Ave
New York, NY 10019

Attn: Vincent Balbuena

8/22/2005 Sangesland received a letter from Vincent Lovari of Island Tank (718-967-9424) stating that his company will be doing the work on the site.
The tank was pumped out, Geoprobe work was done and the tank wii be tested with UltraSound.

A report will be submitted when the work is complete

2/1/2006 - jz: Investigation was conducted by ATC. Zhao spoke with Mike Marose? 212-353-8280 ext. 345. today. Report will be prepared and forwarded within next few weeks.

Map Identification Number 399 **MANHOLE #30458** **Spill Number: 9808181** **Close Date: 11/05/2003**
59TH ST AND COLUMBUS AVE MANHATTAN, NY TT-Id: 520A-0101-701

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2285 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / COLUMBUS AVE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	WILLIAM MURPHY - CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Other	Notifier Name:	MR MCHUGH	Notifier Phone:	(212) 338-3352
Caller Name:	WILLIAM MURPHY	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/03/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	40.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CON ED #120263. HANDLING SPILL AS IF 50-499 PARTS PER MILLION PCB. TAKING A SAMPLE TO CHECK CONTENT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
No answer at CIG Called ERT

General Info: 700 Gals of water

How spill was discovered: doing work in manhole

Containment: yes, no sewer connections

Oil containing equipment in manhole: unsure but containing primary and secondary cables

Cleanup Plan: Treat as 50-499; sample and to be cleaned in >48hrs

-sps

E2MIS 120263

10/03/98 09:40 BILL POWERS(CONST MGMT) REPORTS HE FOUND SPILL OF APPROX 40 GALLONS OF UNKNOWN OIL MIXED WITH 700 GALLONS OF

WATER IN MH30458 LOCATED N/W/C W 59 ST & COLUMBUS AVE. SPILL WAS FOUND AT 08:55 HRS AND REPORTED TO MCHUGH IN THE

CONTROL CENTER AT 09:00. SPILL IS CONTAINED. THERE WAS NO ENTRY TO ANY SEWERS OR WATERWAYS. POWERS RE10-7-98 by

P.RubinoPORTS DOES NOT HAVE SAMPLE JAR OR SPILL TAG... HE REQUESTS CREW TO LOCATION TO ASSIST. HE WILL HAVE CONTRACTOR

STANDING BY ON LOCATION UNTIL MATERIAL ARRIVES.THERE WERE NO AGENCIES ON LOCATION...LOGGER PGM

If this is a Con Edison manhole it contains electrical cable and splices. Many manholes have a sealed sump in the floor which is

used to allow runoff when pumping the structure. A hose is place in this sump and water on the floor will flow into the sump allowing the floor to be cleaned. If cleaned prior to analysis of the fluid, the structure will be cleaned as >50 PPM and all liquid and waste will be manifested accordingly. The structure will be double washed with a degreaser, i.e. Slix. All cleaning material and PPE will also be treated as >50. If any sludge is found within a manhole it is treated as lead contaminated and manifested accordingly. The spill identification tag will remain secured to the structure until the analysis is completed and if <500 PPM the signage will be removed. If the analysis is >499 PPM, a grid will be prepared for wipe testing the area. Until the analysis of the wipes are proven to be <10ugs/100cme2 all additional waste produced from the structure will be treated as the original analysis.

If this spill occurred in a transformer vault containing a sump pump and there was a possible release, the drainpipe trap will be dismantled to determine if oil was released. Sludge found in a vault, through historical analysis, has been determined not to contain lead.

10/03/98 10:23 MCHUGH NOTIFIED BILL MURPHY(CIG) OF THE SPILL. LOGGER PGM

10/03/98 13:35 O.S. UG JOE BURNS REPORTS IN MH30458 LOCATED N/W/C W 59 ST & COLUMBUS AVE INSTALLED SPILL TAG #01097 AND TOOK

SAMPLE. ALSO HAVE DEP ON LOCATION, A MR WAI MAN WONG. HE REQUESTS COPY OF RESULTS OF LAB ANALYSIS WHEN COMPLETE. HIS

PHONE NUMBER IS 718-595-4783. HIS FAX IS 718-595-4686. LOGGER PGM

10-5-98 10:00

Cleanup completed on 10-4-98 at 0700 hours, supervised by K.McDowell 77565. 450 gallons oily water removed via tanker, MH was then double washed. 3-55

gallon drums hazardous waste generated, tag left in place pending analysis. Crew:V.Martin 05779, J.Pelzer 06470 and A.Pizarro 14791.000

Analysis received SA98-10631 = 0 PPM 10/6/98 .... roz

10-7-98 12:55

Tag 01097 removed 10-7-98 at 0930 by P.Rubino 69511.-

Map Identification Number 400 **E. 59TH ST - COLUMBUS AVE** **Spill Number: 9305207** **Close Date: 07/27/1993**
E. 59TH ST - COLUMBUS AVE MANHATTAN, NY TT-Id: 520A-0101-703

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2285 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: W 59TH ST / COLUMBUS AVE
Revised zip code: 10019

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	NY TELE TRUCK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	VIRGINIA	Caller Agency:	NYC DEP	Caller Phone:	(718) 595-6700
DEC Investigator:	CAMMISA	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/27/1993	07/27/1993	UNKNOWN	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

HAZMAT WILL BE CONTACTED - CALL TO NY TEL CONFIRM CLEAN UP SPILL WAS SMALLER THAN 50 GAL.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: HYDRAULIC FUEL

Map Identification Number 401 **MH 60171** **Spill Number: 0107356** **Close Date: 03/17/2004**
10TH AVE/44TH ST MANHATTAN, NY TT-Id: 520A-0101-559

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2298 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: TENTH AVE / W 44TH ST
Revised zip code: 10036

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MCQUEEN	Notifier Phone:	
Caller Name:	BILL MURPHY	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/16/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

samples taken clean up pending. ref # 139796. spill was origionalyy a 24 diminims spill at 1308 today it was reported that spill would not be cleaned up w/in 24 hrs. mh containes oil filled feeders 38m 41 and 38m42.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
e2mis 139796

10/16/01 While inspecting feeder, 1 gal oil found on 4300gal water in manhole. S&D to pump out manhole.

Changed status from deminimus to "Spill-Oil(unknown type)". This is due to the fact that S&D had an equipment breakdown.

If unknown PCB concentration, was sample collected? (Yes/no) YES

PCB Concentration (ppm). . . .<1.0 PPM LSN No._01-10065-001

Source/cause of spill: - NO LEAK FOUND

Name of contractor . . . . S & D ENVIRONMENTAL.

Cleanup completed on 10/17/01 Time 1500 Hrs

Map Identification Number 402 **322 W 57TH ST** **Spill Number: 9110879** **Close Date: 01/21/1992**
322 W 57TH ST NYC, NY TT-Id: 520A-0091-862

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2298 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	W HERNANDEZ	Caller Agency:	NYCDEP	Caller Phone:	
DEC Investigator:	SJMILLER	Contact for more spill info:		Contact Person Phone:	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/21/1992	01/21/1992	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

FILL LINE UNCOUPLED DURING DELIVERY. MYSTIC PETRO APPLIED SAND.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"

Map Identification Number 403 **I/R/O 651 9TH AVE** **Spill Number: 0903348** **Close Date: 06/24/2009**
651 9TH AVE MANHATTAN, NY TT-Id: 520A-0229-428

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2308 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	smsanges	Contact for more spill info:	ANONYMOUS	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/22/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
COOKING GREASE	OTHER	0	GALLONS	0	GALLONS	

Caller Remarks:

ANONYMOUS CALL ON 311 STATING THAT THERE IS COOKING GREASE IN THE REAR OF THE ABOVE ADDRESS.

DEC Investigator Remarks:

Sangesland spoke to Ceasar Garcia at DEP. DEC does not deal with Cooking Grease (edible)

Map Identification Number 404 **EMPTY LOT** **Spill Number: 0514548** **Close Date: 03/21/2006**
227 WEST 61ST ST MANHATTAN, NY TT-Id: 520A-0095-765

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2332 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	JOHN WILSON - EMPTY LOT	Spiller Phone:	(646) 879-7329
Notifier Type:	Local Agency	Notifier Name:	JOHN WILSON	Notifier Phone:	(646) 879-7329
Caller Name:	JOHN WILSON	Caller Agency:	NYCDEP HAZMAT	Caller Phone:	(646) 879-7329
DEC Investigator:	JBVOUGHT	Contact for more spill info:	JOHN WILSON	Contact Person Phone:	(646) 879-7329

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/20/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ONGOING PROJECT THAT DEC IS WORKING ON. THE SCHOOL IS GETTING BAD ODORS THERE EVERYDAY. SITE C231043. THEY ARE WONDERING IF THE DEC CAN DO SOME MONITORING BEFORE THEY OPEN THE SCHOOL BACK UP.

DEC Investigator Remarks:

3/21/06-Vought-Off hours duty responder. Vought responded to site and 227 W61 Street is address of imapcted school. Spill site C231043 was visited however no open excavation or odors as lot is filled with concrete gravel to grade with approximately 4 visible aboveground closed monitoring wells. Source of odors was excavation at 555 W 59th Street(open spill #0512733). This spill closed and referred to open spill 0512733 (source of odors for above spill). Spill closed by Vought.

Map Identification Number 405 **SIDEWALK FILL PORT** **Spill Number: 1004277** **Close Date: 08/30/2010**
211 W 61 STREET NEW YORK, NY TT-Id: 520A-0253-058

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2340 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 211 W 61ST ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	BUILDING OWNER	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	DIMI - NEIGHBOR	Contact Person Phone:	(347) 865-0760

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/02/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

neighbor complains of oil smell on the sidewalk coming from the metal plate on the ground over the fill port.
Impacted neighbor "Dimi" lives at 227 West 61st Street.

DEC Investigator Remarks:

Ryan Piper responded to the site to inspect.

DEC Piper received documentation of cleanup and repairs. Spill case closed. See e-docs if warranted.

Map Identification Number 406 **MANHOLE # 62499** **Spill Number: 0210598** **Close Date: 09/29/2003**
551 WEST 43RD ST MANHATTAN, NY TT-Id: 520A-0096-907

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2357 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:
Notifier Type:	Responsible Party	Notifier Name:	MR BRUMS	Notifier Phone: (212) 580-6763
Caller Name:	ANDREW MORRIS	Caller Agency:	CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:	ANDREW MORRIS	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/21/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	3.00	GALLONS	SOIL

Caller Remarks:

SPILL IN MANHOLE ON TOP OF 100 GALLONS OF WATER IN THE PROCESS OF BEING CLEANED UP ALMOST COMPLETE CON EDISON REF # 146832 DUE TO EQUIPT FREEZING UP JOB WILL NOT BE COMPLETED UNTIL WEDNESDAY JAN 22ND APPROX IN THE AFTERNOON

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #146832:

1/21 @ 09:40

Comerford # 08212 I & A OS, reported to me at 09:25 that while doing primary connections in M-62499, he discovered approx 5 gallons unknown oil and 100 gallons water in the structure. No sewer/waterway affected, no fire/smoke involved, no injuries, no private property affected and weather did not contribute to spill. The source and cause of the spill are unknown at this time. No visual movement on the standing water, no substantail cracks observed in the structure. Environmental tag # 16916 was hung. Two samples will be taken of PCB and ID and Courier will be called by Finder for Chem Lab analysis. The Chain of Custody # AA 21264 will be used. No Parking Amtime in Loading zone. No initial cleanup action is being taken at this time. Cleanup will be scheduled ASAP as availability of crews dictate.

1/21 @ 11:00 HRS

Cleanup set up for toady @ 15:00. Clean Harbors was notified and faxed documentation. UG forces notified that they are required to be on site for cleanup. Notified F Romano of Clean Harbors cleanup and Emailed info EPA # NYP 004 104 464

1/21/03 17:07 Received lab results

Lab Sequence Number: 03-00549-001

Chain of Custody ID: AA21264

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082

1/21/03 Received lab results

Lab Sequence Number: 03-00550-001 Date Approved: 1/21/2003

E2 Incident Number: 146832 Date Received: 1/21/2003

Chain of Custody ID: AA21264 Date Sampled: 1/21/2003

Analysis indicates the presence of a substance similar to a dielectric fluid, and lubricating oil.

1/21/03 23:15 Al Guerrero of Clean Harbors called to report that the cleanup will not be completed at this time because his equiptment is freezing up. He will have have a crew come on 1/22/03 in the afternoon to complete it. He states that it is 75% complete as of now. He removed 6 drums of sludge & other debris. He removed 55 gallons of water/oil mixture. The structure was only washed 1x at this point. The crew was: R. Sanchez, b. Jamison, K. Moreno, all of clean harbors. Due to this it will be changed to a dielectric spill & not a 24 hr.

m

1/22/03 21:08 Al Guerero of Clean harbors called to report that the cleanup was completed at 21:00.

He states that there was 4 more drums of waste generated from this cleanup. The structure was double washed wth citrus cleaner & the spill tag # 16916 was removed.

The cleanup crew was: R. Sanchez, b. Jamison, K. Moreno all from clean Harbors.

Map Identification Number 407 **AMTRAK TRACKS..** **Spill Number: 0912389** **Close Date: 09/28/2010**
506-512 WEST 44TH ST MANHATTAN, NY TT-Id: 520A-0248-543

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2359 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	SEAN DUNN - AMTRAK TRACKS..	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	vszhune	Contact for more spill info:	SEAN DUNN	Contact Person Phone:	(781) 552-9953

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/26/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

PHASE 2 RESULTS SHOWING CONTAMINATED SOIL AND GROUND WATER CLEAN UP PENDING.

DEC Investigator Remarks:

Spill Closed. Referred to spill # 0912388.

Map Identification Number 408 **FUTURE HOLIDAY INN OVER AMTRAK** **Spill Number: 0912388** **Close Date: 10/04/2010**
505-513 WEST 43RD ST MANHATTAN, NY TT-Id: 520A-0248-542

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2359 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	SEAN DUNN - AMTRAK TRACKS	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	vszhune	Contact for more spill info:	SEAN DUNN	Contact Person Phone:	(781) 552-9953

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/26/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

PHASE 2 RESULTS SHOWING CONTAMINATED SOIL AND GROUND WATER CLEAN UP PENDING.

DEC Investigator Remarks:

09/28/10-Zhune. The phase I dated November 2,2007 and Limited Subsurface Investigation Report dated October 2009 were reviewed. A total of eight soil borings were located base and upland areas of the Amtrack right of way. Nine soil samples were collected from the borings.

The analytical soil samples results indicated that four VOCs(Ethylbenzene, Methylene Chloride, Toluene, Total Xylenes) were detected above the NYSDEC (RSCOs). The following SVOCs(Benzo(a)anthracene, Benzo(a) pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perelyne, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, Indeno were detected above the NYSDEC (RSCOs) Five pecticides(4,4'-DDT, beta-BHC, Endosulfan sulfate, Heptachlor, Heptachlor epoxice)were detected above the NYSDEC(RSCOs). The following metals (Arsenic, Berylium, Cadmium, Chromium, Cooper, Iron, Nickel, Zinc, Mercury were detected above the NYSDEC (RSCOs)

The groundwater analytical report indicated two VOCS (I,I-Dichloroethane, Trichloroehtene) slightly exceeding the NYSDEC(RSCOs). The folloowing SVOC(Benzo(a)anthracene, Benzo(a) pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perelyne, Benzo(k)fluoranthene,Indeno).Eleven Pecticides(4,4'-DDD,4,4'-DDTE,4'-DDT, Aldrin, Alpha BHC, Beta-BHC,Delta-BHC, Diedrin, Endrin, Gama BHC(Lindane), Heptachlor epoxice. The following Metals(Aluminum, Cobalt, Iron, Manganese, Sodium, Nickel, Lead, Vanium, Zinc and Mercury were detected above the NYSDEC regulatory limits. PBCs were not detected in any of the groundwater samples collected.

9/30/10-Vought-Reviewed analytical reports with DEC Zhune at her request. Soil analyticals show PAH compounds as well as metals contamination including maximum concentrations of: 6750ppm Pb, 2.8ppm Hg, 19.60ppm As, 4.10ppm Cd. Groundwater shows maxium contaminant concentrations of: 10ppb DCE, 7ppb PCE, 6ppb TCE, 3210ppb Pb and 1.5ppb Hg. Vought reviewed analyticals with DEC O'Connell who noted that further report review to be performed and meeting set up with DEC Cozzy to discuss potential P-Site listing due to metal contamination in soil and groundwater. Note also that as per email dated 9/29/10 from environmental consultant (Sean Dunn - EBI Consulting - (Ph:617-715-1868 cell:781-552-9953) that he is seeking spill closure due to "relatively low levels of contamination detected, the absence of sensitive or environmental human receptors to the contamination, the nature of the proposed development and the likely source of contamination being railroad operations at the property and migration from off-Site properties". Vought reviewed file for metals and chlorinated solvent contamination sources and results:

Phase I ESA (EBI Consulting - Joanna Miller)-11/2/07. Phase I performed due to property transaction. Site is .46 acres in size. Lot was located below grade and had "abandoned portion of the Penn Central Railroad Tracks" with no structures onsite. Proposed development is for two hotel buildings including a "13-story, 198 room Holiday Inn Express" and the second hotel (unnamed as of time of report) will include a "12-story, 144 room hotel located at 506-512 West 44th Street". No current manufacturing or industrial operations on site at time of Phase I. Owner at time of Phase I is SCW West, LLC. "Natural vegetation and subsurface bedrock formations lie along the eastern and western perimeters from ground surface to street level. The eastern and western boundaries are further defined by the adjacent properties facades, consistiing of multi-story brick buildings". Northeast of site across 44th Street is a school playground, northwest across 44th Street is a Hess Station, a hotel to the south across 43rd St, an apartment building to the southeast and to the southwest, an Avis Car Rental to the west. From around 1890-1930 the property was occupied by mutli-level dwellings and small stores and after 1940 was occupied by the railroad tracks. Historical surrounding property use included a printer, piano factory, "chinese laundry" and paint store. Report recommends limited subsurface investigation due to industrial use of property.

Limited Subsurface Investigation Report (EBI Consulting)-10/23/09. Groundwater flow to the east-southeast. Eight soil borings installed via hand auger "at the base and upland areas of the Amtrak right of way" including collection of soil samples and the installation of four monitoring wells via HSA/Air Rotary and boring locations "were selected based on proposed foundation pillar

locations and Amtrak instructions". Bedrock encountered at 2-6'bg. Groundwater at 1-3'bg in four monitoring wells. Groundwater samples collected and stabilization of TDS parameters shows approximately 1230 umhos/cm for specific conductivity suggesting turbid samples. Soil analyticals show show no TAGM 4046 RSCO exceedenence for petroleum VOCs, show PAH exceedences in samples from B1 thru B4, maximum metal concentrations of: 6750ppm Pb(HA-3), 2.8ppm Hg(HA-2), 19.6pp As(HA-3), 4.1ppb Cd(HA-3). Report recommends management of contaminated soil removed during piling installation. No additional spills or adjacent spills in UIS, no potential metals source in EPA Envirofacts website or in RCRA E-Smart.

10/1/10-Vought-E-doc'd file and sent email with appointment to DEC O'Connell and DEC Cozzy with summary site plans. Vought received email from DEC Cozzy that Site does not classify as P-Site. Vought spoke with O'Connell and Section A has no further requirements with respect to metals contamination. Vought informed Zhune of same.

10/04/10 Zhune. Discussed with Vought and Based on the no known release of oil or hazardous material at the subject property. Spill Closed.

Map Identification Number 409 **304 WEST 49TH STREET** **Spill Number: 9806979** **Close Date: 09/09/1999**
304 WEST 49TH ST NEW YORK, NY TT-Id: 520A-0092-527

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2407 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	HARVEY RAVNER - HARVEY RAVNER	Spiller Phone:	(212) 244-5064
Notifier Type:	Other	Notifier Name:	AARON LAPINE	Notifier Phone:	(914) 273-2626
Caller Name:	AARON LAPINE	Caller Agency:	BALTEK ASSOCIATES	Caller Phone:	(914) 273-2626
DEC Investigator:	SIGONA	Contact for more spill info:	AARON LAPINE	Contact Person Phone:	(914) 273-2626

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/31/1998		OTHER	2-603658	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SITE IS A PARKING GARAGE - CALLER TOOK SOIL SAMPLES FROM AREA AND RECEIVED RESULTS TODAY INDICATING CONTAMINATION

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

5-550 gallon gasoline USTs were abandoned in-place in early 1990's. DEC Received soil sampling report from Baltec Associates dated September 15, 1998. DEC Sigona conducted site inspection on 2/2/99. DEC Sigona received Environemnatl Data Search for site on 2/25, 1999. DEC Sigona received proposed gas survey on March 16, 1999. DEC Sigona sent letter accepting proposed survey on March 17, 1999. DEC received results of gas survey and qualitative exposure assessment on August 9, 1999.

DEC sent letter of no further action on September 9, 1999.

Map Identification Number 410 **MANHOLE 32482** **Spill Number: 9808961** **Close Date: 03/18/2002**
8TH AVE / W 54TH ST MANHATTAN, NY TT-Id: 520A-0094-540

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2423 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	BOSE	Notifier Phone:	(212) 580-6763
Caller Name:	JOE DEVOTI	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/19/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

3 OUNCES IN MANHOLE - CASE 120611

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 411 **5 STORY BUILDING** **Spill Number: 0412011** **Close Date: 10/26/2006**
406 WEST 45TH ST. MANHATTAN, NY TT-Id: 520A-0091-584

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2425 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	RACHEAL ATMAN - 5 STORY BUILD.	Spiller Phone:	(631) 462-5866
Notifier Type:	Other	Notifier Name:	RACHEAL ATMAN	Notifier Phone:	(631) 462-5866
Caller Name:	RACHEAL ATMAN	Caller Agency:	HYDRO TECH ENVIR	Caller Phone:	(631) 462-5866
DEC Investigator:	JAKOLLEE	Contact for more spill info:	RACHEAL ATMAN	Contact Person Phone:	(631) 462-5866

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/10/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

INVESTIGATING, MAY BE FROM LEAKING TANK: BUT FOUND CONTAMINATION:

DEC Investigator Remarks:

2/10/05 MT//Contaminated soil/water letter sent.

3/21/05 - Assigned to Imdadul Islam for followup. - KST
4/6/05- After reviewing the investigation plan (3/17/05), spoke to Hardik Parekh of Hydro Tech (Consultant) and advised him to do 2 additional probes for soil and groundwater in the western vicinity of SP-1 and SP-3 soil probe locations besides proposed 6 probe locations and submit the investigation results along with recommended remedial measures. - II

5/11/05- Received and reviewed the Phase II investigation report from Hydro Tech dated April 25/05. They conducted GPR survey,

installed 5 soil probes and 3 GW probes. The sampling results indicate that both soil and GW are impacted. Spoke to Mark of Hydro Tech and was told that they are going to send the ISRP asap for Dept. review. Mr. Joe Fabian of Certified Environments Inc. being engaged by the Bank who is financing for the dev. of this site also telephoned inquiring about the status of the phase I & II investigation report. He also mentioned that Hydro Tech is preparing ISRP for the site and will send to the Dept. soon. - II.

7/21/05- Detailed ISRP as mentioned above has not been received to date. Mailed a letter to the owner (Bristol Three, Inc., Attn: David Sokol, 4400 N Federal Highway, Suite 31, Boca Raton, FL -33431), cc'd to Howard Sommers - Attorney of the RP asking for submission of the required ISRP by September 10, 2005.- II

8/8/05- Received a letter from Attorney Howard Sommers, dt. August 2/05 saying that the property has been sold to John Goldberg & Tom Iovane,406-408 W. 45th St. Holdings LLC, c/o. Artery Capital, 55 Fifth Avenue, NY, NY 10003 (Ph: 212-647-8600, Fax: 212-675-7236). The Attorney for the new owner is Scott Newmark, Meister Seelig & Fein LLP, 2 Grand Central Tower, 140 E. 45th St., NY, NY 10017 (Ph:212-655-3509). He also mentioned in the letter that the new owner has assumed responsibility for the pending spill case.- II

8/11/05- Visited the site and met Mostafa and Rachel from Hydro Tech (consultants) and Ronen, a rep. from new property owner. Advised consultant to advance three more borings- one adjacent to SP-5, one about 15' west of SP-5 and the third close to SP-7, sample them both for soil and GW, analyze for STARS VOCs and SVOCs and delineate the contamination plume. All phase II investigations done including the above should be summarized into one report and submitted to the Dept. including a proposed remediation plan (i.e. ISRP) by October 10, 2005. - II

10/7/05- As per telephone request by Ronen Abergel of Gramercy Property Group, the deadline for submitting the detailed ISRP is extended to October 28, 2005.-II

10/27/05- Mr. Ronen Abergel again requested over telephone for another six weeks of extension of the required ISRP submission on the grounds that they are facing problem in selecting the consultant for doing the job. It was approved.- II

11/29/05- Received and reviewed the ISRP dt. Nov. 28/05 by consultant Leggette, Brashears & Graham (LBG), Inc. No Chain of custody, boring procedures/logs and sampling procedures are not included in the report. No exceedances of NYSDEC soil and GW quality criteria are observed in the report which are in the contrary to the previous findings by consultant Hydro-Tech. Spoke to Dan Buzea of LBG and Ronen Abergel of Gramercy Property Group about these shortcomings and to submit them asap including the excavation plan to remove contaminated soil. Also, told to submit always electronic version of all reports in addition to hard copy.- II

03/29/06: This spill case transferred from I. Islam to J. Kolleeny.

Excavation of contaminated soil was performed at the site in late January - early February 2006; received soil excavation summary report (prepared by RND Services, Sharima Ryan) on March 20, 2006 (electronic copy received by email on 3/29/06). Report indicates that 135.66 tons of petroleum-contaminated soil were removed and concludes that soil contamination has been effectively addressed, since end-point samples had no exceedances. Two 550-gallon USTs were found to be partially filled with sand and water; sand and water were pumped out and tanks will be abandoned in place with concrete (they cannot be removed due to proximity to building structural support columns). Report notes that DEC has requested a groundwater sample to investigate potential groundwater impact (July 21, 2005 correspondence), and recommends installing "perforated risers" when backfilling the excavation, as well as applying ORC to excavation, providing bottom is moist.

Sharima Ryan of RND Services stated in 3/29/06 email that he will send a work plan for well installation soon. I sent an email to Sharima on 3/29/06 commenting that wells installed in the manner described would have no sand pack, which could compromise the quality of groundwater data from them, asked him to clarify this. - J. Kolleeny

04/03/06: Received email from Sharima Ryan of RND Services explaining that because excavation was in building basement, they recommend installing a 6-8 inch riser in which they would place a 2-inch screen plus riser, with sandpack around it, to avoid having to install wells later using a portable rig, the only kind which they would be able to bring down to the basement in the elevator. - J. Kolleeny

06/06/06: Sent email on 6/5/06 to Sharima Ryan of RND saying I never received a work plan for monitoring well installation and asking for an update on this project. Received reply from Sharima on 6/6/06 saying he was preparing a proposal for the client and expected to send DEC a work plan within 2 weeks. - J. Kolleeny

07/05/06: Received Proposed Work Plan for well installation from Sharima Ryan of RND on June 30, 2006. Plan involves installing 3 wells on bedrock surface 4 feet below grade, within building basement. I wrote email to Sharima on 6/30/06 asking if there would be sufficient water in the wells to sample. Sharima responded on 7/5/06 that based on presence of water in excavation and the fact that previous consultants were able to sample groundwater without penetrating bedrock, it seems likely that there will be adequate water to sample. I sent an email on 7/5/06 approving the Proposed Work Plan, copying the responsible party:

Gramercy Property Group LLC
55 5th Avenue - 14th Floor
New York, NY 10003
Attention: Mr. Eli Liedman
eli@gramercypg.com

and asking for advance notification of scheduled date for fieldwork. - J. Kolleeny

9/27/06: Monitoring wells were installed in basement according to work plan in mid-August ’06. According to email from Sharima Ryan of RND received 8/22/06, groundwater sampling would be performed on 8/23/06, and Sharima expected that a report would submitted by 9/18/06. On 9/27/06, I sent email to Sharima inquiring about current status of site and investigation report. Received reply from Sharima same day saying report has been completed and will be sent on either Sept. 29th or Oct. 2nd. - J. Kolleeny

10/26/06: Reviewed Groundwater Monitoring Well Installation and Sampling report dated Oct. 3, 2006 (received Oct. 16th), prepared by RND Services, Inc. (see eDocs). Report summarizes installation and sampling of three wells in the basement of the on-site building, where 135 tons of petroleum-contaminated soil had been removed from around two closed-in-place 550-gallon motor fuel USTs. Of the three wells, MW-1 was dry and could not be sampled, MW-2 had a number of petroleum-related compounds detected above groundwater standards, with total VOCs of 165 ppb, and MW-3 had only toluene above its GW standard, at 7 ppb. Upon consultation with supervisor Koon Tang, determined that groundwater contamination is very minor and likely to attenuate on its own since source removal was performed, and poses no significant threat to environment and public health. Closed spill and issued NFA letter (see eDocs). - J. Kolleeny

Map Identification Number 412 **945 8TH AVENUE** **Spill Number: 9308581** **Close Date: 10/15/1993**
945 8TH AVENUE MANHATTAN, NY TT-Id: 520A-0094-531

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2439 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
Notifier Type: Local Agency
Caller Name: MARIA HORN
DEC Investigator: CAMMISA

Spiller: NJ 745 PF - FUEL TRUCK?
Notifier Name:
Caller Agency: NYC DEP
Contact for more spill info:

Spiller Phone: (718) 842-9696
Notifier Phone:
Caller Phone: (718) 699-9811
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/15/1993	10/15/1993	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL ON SIDEWALK - INTO STREET WILL NOTIFY HAZ BACK.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 413 **MH#56574** **Spill Number: 9900213** **Close Date: 04/15/1999**
W 44TH ST & W SIDE HGHWY MANHATTAN, NY TT-Id: 520A-0101-549

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2447 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: W 44TH ST / W SIDE HWY
Revised zip code: 10036

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	MR ROMANO	Notifier Phone:	(212) 580-6763
Caller Name:	FRANK MASSARIA	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/06/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER REPORTING THAT UNKNOWN OIL FOUND IN MANHOLE. SAMPLES TAKEN & CLEAN UP PENDING RESULTS.

CON ED #124079.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con ed e2mis notes:

Approx 3 oz of unknown oil on approx 40 gals of water. Oil is contained to the manhole didn't enter any waterways or sewer systems. No cracks, sump or sewer connection. PCB<1.00ppm

4/9/99: O.S. R.Valenzuela reports cleanup complete in mh.

Removed 250 gals oil/water to tanker.

Generated 1 bag PPE.

Used flush truck to clean and rinse structure.

Map Identification Number 414 **PIER 84** **Spill Number: 0506301** **Close Date: 10/21/2010**
WEST 43RD ST AND 12TH AVE NEW YORK, NY TT-Id: 520A-0090-131

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2447 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: WEST 43RD ST / 12TH AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: TONY KLOSS
DEC Investigator: hrpatel
Spiller: TONY KLOSS - PIER 84
Notifier Name: TONY KLOSS
Caller Agency: ENVIROMENTAL CONSULTANT
Contact for more spill info: TONY KLOSS
Spiller Phone: (908) 534-8820
Notifier Phone: (908) 534-8820
Caller Phone: (908) 534-8820
Contact Person Phone: (908) 534-8820

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/22/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FROM TWO UNDERGROUND STORAGE TANKS, FOUND DURING CONSTRUCTION ALONG PIER. NO CONCERN TO HEALTH, EEVRYTHING IS CONTAINED AND IS EBING CLEANED UP

DEC Investigator Remarks:

9/29/09 - Austin - Transferred from albany assignment to Patel, for further investigation. - end

12/17/09-Hiralkumar Patel.
10:30 AM:- left message for Tony Kloss at Impact Environmental Remediation.

12/21/09-Hiralkumar Patel.
11:11 AM: - left message in maintenance dept. in Hudson River Park Trust.

Hudson River Park Trust
Ph. (212) 627-2020
hudsonriverpark.org.

11:16 AM:- left message for Mr. Kloss.
11:48 AM:- received call from Mr. Kloss. he will look for documents and will send it.

Tony Kloss
Impact Environmental Remediation
Ph. (908) 782-9167
email: tkloss@ier-services.com

11:59 AM:- sent email to Mr. Kloss requesting documents about cleanup.

04/02/10-Hiralkumar Patel.
11:49 AM:- left message for David Katz (212-627-2020 Ext. 6823) at Hudson River Park Trust.

04/06/10-Hiralkumar Patel.
2:55 PM:- received call from Axel from AKRF. they have been hired to resolve this matter and will submit available documents.

Axel Schwendt
AKRF
PH. (646) 388-9529
email: aschwendt@akrf.com

Marc Boddewyn
Hudson River Park Trust
Pier 40 - 2nd Floor
New York, NY 10014
Ph. (917) 661-8740

09/10/10-Hiralkumar Patel.
3:14 PM:- spoke wit Axel. he mentioned that two 550 gal tanks were removed in 2005. Axel will submit available document.

10/18/10-Hiralkumar Patel.
10:42 AM:- received call from Axel. he has some documents and will send by tomorrow.

10/21/10-Hiralkumar Patel.
12:17 PM:- received email from Axel with copy of tank closure report. two 550 single walled steel USTs found encased in concrete. five endpoint soil samples collected after tanks removal. VOC contamination was not found in any sample, but found SVOC contamination in all soil samples. during tank removal, found fill material at the site.

based on submitted report, case closed.

Map Identification Number 415 **UPS STORE TTF** **Spill Number: 0908773** **Close Date: 12/28/2009**
643 WEST 43RD STREET NEW YORK, NY 10036 TT-Id: 520A-0233-954

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2458 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UPS	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMKRIMGO	Contact for more spill info:	CJ SCHULTZ	Contact Person Phone:	(800) 666-1215

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/04/2009		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

tank test failure at above address, tank was 15000 gallon #4 oil, no product lost

DEC Investigator Remarks:

11/25/2009 - TTF letter sent to:
UPS Plant Engineering
Facilities Manager
643 West 43rd Street
New York, NY 10036

12/2/09 Received call from Leo of UPS (917)280-6492. He told me Tanknology tested the tank and did not cap the vent pipe correctly. He said they failed to remove a sleeve when capping the vent pipe. He was unable to explain and said that he may need to take photos to show the pipe. Crompco re-tested the tank the following week and it passed. I told him to submit a letter to J. Krimgold explaining what happened (and that photos may be helpful) and provide a copy of the passing test results.
bf

12/28/09. No release from the tank system. Case closed. JK.

Map Identification Number 416 **Spill Number: 9910001** **Close Date: 03/04/2003**

W 45TH ST & 9TH AVE MANHATTAN, NY TT-Id: 520A-0091-076

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2464 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: W 45TH ST / 9TH AVE
Revised zip code: NO CHANGE

Source of Spill:	TANK TRUCK	Spiller:	JIM CAREY - CASTLE OIL CO	Spiller Phone:	(718) 579-3413
Notifier Type:	Local Agency	Notifier Name:	TRAFFIC MGMT	Notifier Phone:	
Caller Name:	GRAHAM MANIGAT	Caller Agency:	DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	TOMASELLO	Contact for more spill info:	WANDA JOHNSON	Contact Person Phone:	(718) 706-6062

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/17/1999		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	230.00	GALLONS	230.00	GALLONS	SOIL

Caller Remarks:

TANKER TRUCK SPILLED MATERIAL - NO FURTHER INFO FROM DEP

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 417 **MANHOLE 56671** **Spill Number: 0300384** **Close Date: 07/18/2003**

WEST 45TH ST MANHATTAN, NY TT-Id: 520A-0209-719

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2464 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: W 45TH ST
Revised zip code: 10036

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	PAUL DIDONATO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/11/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

5 gallons on concrete. cleanup started.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS 147856

4-11-03 @ 03:05

S Hart #17223 reorts that while doing an inspection in m56671 located at s/s w 45 st 40’ e/o 9 ave, he discovered 10 gallons of an unknown oil mixed with dirt on the concrete floor of the structure. There was or is no smoke or fire involved. No sewer or waterway affected. No injuries and weather had no affect. No private property affected. Acoount #13712 is being used for this incident . No measuring device was used to determine the amount of the spill. Source and cause of spill are unknown. No oil filled equiptment in the structure . Environmental yellow tag # 29105 was installed. No sewer connection as per conduit plate # 27-e-4.

Sump is concrete. No sump pump. No substantial crackes. Parking information is, no standing except commercial vehicles, metred parking 3 hour limit. No dielectric filled feeders in the structure. 2 soil samples were taken by S Hart # 17223 from the spill, 1 for id and 1 for pcb. Sample priority "E" . Chain of custody # aa23107. Oil absorbent pads were applied to the spill.

As per ERT Sean Mahoney # 86887 the amount of the spill is being changed from 10 gallons to 5 gallons which now would allow this incident to be classified as a 24 hour deminimis. Cleanup is pending the availability of resources. CIG T Marcinek

From: Mahoney, Sean

Sent: Friday, April 11, 2003 6:20 AM

To: Zoeller, Richard

Cc: Capune, William

Subject: RE: 147856/0-M56671 - W 45 ST S40E 9 AV - SPILL UNKNOWN OIL

Per the discoverer, Steve Hart, made a conservative overestimate. I responded to the scene and downgraded based on visual determination. There appeared to be <5 gallons of oil visible in the structure. I called John Moran and informed him of our decision.

Manhattan Environmental Desk made arrangements for Underground North to clean this manhole starting at 07:00 hrs. on 4/11/03. An Over 50 Tanker from

Astoria was ordered.

EPA # = NYP 004 109 658 issued by the ERT.

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<End Insert - R. Pellegrino #38620

04/11/03 09 :00 HRS

As of 08:15 hrs the #9 Shift Mgr. Martin Barry #09170 spoke with CIG Paul Didonato #01669 and It was determined that the job would be canceled by the planner Steve Cioffi #52868 due to lack of manpower. also spoke with Bill Murphy #76378 who advised the #9 shift Mgr. to update the e2mis Report to show that this incident was being down graded from a deminimus 24hr spill to a regular

Spill therefore this incident is no longer classified as a 24hr deminimus spill. after updating this Incident re-notified CIG @ 09:48 hrs. Spoke with Sean McKeever #15523 W. Boomer #07525

4/13/03 07:58 Received lab results,

Lab Sequence Number: 03-02994-001 Date Approved: 4/13/2003

E2 Incident Number: 147856 Date Received: 4/11/2003

Chain of Custody ID: AA23107 Date Sampled: 4/11/2003

MATRIX: SLUDGE GRAB

DESCRIPTION: SLUDGE ON FLOOR

LOCATION: 40’E S/E/C 9TH AVE & W.45TH ST.

STRUCTURE: MANHOLE 56671 FEEDER ID:

Analysis indicates the presence of a substance similar to a lubricating oil.

4/24/03 12:37 Received lab results,

Lab Sequence Number: 03-02995-001 Date Approved: 4/11/2003

E2 Incident Number: 147856 Date Received: 4/11/2003

Chain of Custody ID: AA23107 Date Sampled: 4/11/2003

MATRIX: SLUDGE GRAB

DESCRIPTION: SLUDGE ON FLOOR

LOCATION: 40'E S/E/C 9TH AVE & W.45TH ST.

STRUCTURE: MANHOLE 56671 FEEDER ID:

QC ID: 05-200304080841

TEST DESCRIPTION RESULT UNIT METHOD

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082

>>>INSERT >>>

Manhattan Environmental Desk made arrangements for the cleanup of this manhole to start at 07:00 hrs. on 4/28/03. Underground North crews will handle the cleanup.

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< End Insert - R. Pellegrino #38620

4/28/03 13:02 A. Munro # 13615 I&A/cleanup supervisor called to report that the cleanup was completed at 13:00.

There was 1 bag of ppe generated from the cleanup & the flush truck took all remaining debris & liquid.

The structure was triple washed with slix & rinsed with the flush truck. The spill tag # 29105 was removed.

The cleanup peoplewere: R. Calderon # 19847, P. Smith # 00226 L. Gray # 87320.

Map Identification Number 418 **FORDHAM U. LINCOLN CTR** **Spill Number: 0103813** **Close Date: 05/06/2002**
W.62ND ST & AMSTERDAM AVE NEW YORK, NY TT-Id: 520A-0098-315

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2476 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: LINCOLN CENTER
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	DOUG MITCHELL - FORDHAM UNIVERSITY	Spiller Phone:	(212) 636-6093
Notifier Type:	Other	Notifier Name:	DOUG MITCHELL	Notifier Phone:	(212) 636-6093
Caller Name:	WAYNE MCFARLAND	Caller Agency:	STEARNS & WHELER	Caller Phone:	(315) 655-8161
DEC Investigator:	SMSANGES	Contact for more spill info:	DOUG MITCHELL	Contact Person Phone:	(212) 636-6093

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/05/2001		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SPILLER WAS HAVING SOME ELEVATOR MAINTENANCE DONE. SOIL SAMPLES WERE TAKEN AT THE TIME JUST AS A PRECAUTION. SAMPLES WERE TAKEN ON 7/5/01. RESULTS WERE RECEIVED TODAY. THEY BELIEVE THAT THE CONTAMINATION IS DUE TO PREVIOUS MAINTENANCE ON THE ELEVATOR. APPROXIMATELY 3 YARDS OF SOIL HAVE BEEN STOCKPILED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
10/4/2001 Sangesland received a summary from Wayne McFarland of Stearns & Wheler (315-655-8161).

Basically it says the area under the elevator pit was contaminated with hydraulic oil. The first round of excavation was done and endpoint sampling was done. Some minor hits of PAH. Additional excavation was done and two additions end point samples were

taken. These samples were clean.

Spill Closed

Map Identification Number 419 **959 EIGHTH AVE** **Spill Number: 0302167** **Close Date: 06/02/2003**
959 8TH AVE MANHATTAN, NY TT-Id: 520A-0094-535
959 EIGHTH AVE

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2478 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	RICK FAUSTINI - SUPER	Spiller Phone:	
Notifier Type:	Police Department	Notifier Name:	ROBERT THOMAS	Notifier Phone:	(212) 767-8405
Caller Name:	ROBERT THOMAS	Caller Agency:	NYC PD	Caller Phone:	(212) 767-8405
DEC Investigator:	TJDEMEO	Contact for more spill info:	ROBERT THOMAS	Contact Person Phone:	(212) 767-8405

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/30/2003		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
FREON	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

caller states that construction workers on site and they struck a line in the ground and caused the release - one release only - nothing further - 4 injuries involved - all rma’s

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
NON REGULATED MATERIAL

CLOSED

Map Identification Number 420 **NYC SUBWAY PLATFORM** **Spill Number: 9515105** **Close Date: 12/19/1996**
WEST 50 ST AND 8TH AVE NYC, NY TT-Id: 520A-0092-911

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2481 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: WEST 50TH ST / 8TH AVE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	POLICE DEPT	Notifier Phone:	(212) 374-5580
Caller Name:	MS ZOLA BAILEY	Caller Agency:	DEP	Caller Phone:	(718) 595-6700
DEC Investigator:	CAENGELH	Contact for more spill info:	MR DEWITS	Contact Person Phone:	(212) 374-5580

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/24/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UNKNOWN HOW PRODUCT GOT THERE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
12/19/96 - Spoke to Enzo Catanzaro of NYC DEP HazMat: Product was heating oil from tank overfill at surface level. Oil spilled into subway vent grating and collected on a small platfrom in the vent duct. Rain caused the oil to spill into the subway platform. DEP had oil cleaned.

Map Identification Number 421 **VAULT 9021** **Spill Number: 0207268** **Close Date: 04/29/2003**
341 W 46TH ST & 8TH AV MANHATTAN, NY TT-Id: 520A-0093-922

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2489 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 341 W 46TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR LEE	Notifier Phone:	(212) 580-6763
Caller Name:	LARRY COSTA	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/14/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

on 50 gallons of water - smaples taken - clean up pending a tanker truck - ref #145558

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
DEC Sigona referred to Rodriguez on 10/15/2002.

E2MIS NOTES 0207268

@09:30 hrs J.Jones #48534 i&a splice reported to W.Lee #33243 mcc founded 1 gal of unknown oil and 50 gal of water in vault 9021 at 09:20 hrs. This is a new unit. Took two sample one for pcb & one for oil id.Hung sign #38582

No smoke/fire was involved, No waterway/sewer affected, No private property affected, No injuries related to spill, No weather conditions contribute to hazard of spill.

Reason for entering structure: Maintenance

Source of spill: Unknown, Cause of spill: Unknown, Spill on: water, Spill water, Standing water, No sump pump running, No visual water movement, No substantial cracks,

Aroclor 1242 < 1.0 ppm epa 608/8082

"""""""" 1254 < 1.0 ppm """""""""""""""""""

"""""""" 1248 < 1.0 ppm """""""""""""""""""

"""""""" 1260 18.6 ppm """""""""""""""""

Total pcb 19 ppm

10-24-02 @ 02:10

R Valenzuela reports that while performing an inspection in v9021 @ n/s w 46 st 375' w/o 9 ave , he discovered 1 pt of an unknown oil and 5 gallons of water in

the sump of the structure. There was or is no smoke or fire involved. No injuries and weather had no affect. No sewer or waterway affected. Account #12017 is

being used for this incident. No measuring device used to determint the amount of the spill. Source and cause are unknown. Sump is concrete. No private

property affected. There is oil filled equiptment in the structure (a transformer) . Environmental yellow tag #33382 was applied. Water is standing. Sewer

connection not verified. No sump pump running. No substantial cracks. No dielectric filled feeder in the structure. R valenzuela took 2 liquid samples from the

spill, 1 for id and 1 for pcb. Sample priority "E" > Chain of custody # cc06575. Oil absorbent pads were applied. Cleanup pending availability of resources. As

per J Liguoir #14084 there is no oil in the trap.....J Moran #01182

CIG L Costa #13880 notified @ 03:00.....J Moran #01182

====== End of initial report from incident 145705 ================================ Zoeller

10/24/02 09:52 The spill tag # 38582 was removed & the spill tag tat is in place now is 33382.

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 215.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 21.0 ppm EPA 608/8082

TOTAL PCB 21 ppm

********** R. Bruns # 21106 **********

10/24/02 13:25 G. Gnall # 19045 I&A (cleanup) supervisor reports that at 11:30 the cleanup was completed 100%. The was 1 bag of ppe generated.

All liquid was removed with the flush truck.

The structure was triple washed with oil-free degreaser.

The spill tag # 33382 was removed.

Update 10-14-02 @ 17:43

Lab Sequence Number: 02-09627-001 Date Approved: 10/14/2002

E2 Incident Number: 145558 Date Received: 10/14/2002

Chain of Custody ID: BB07234 Date Sampled: 10/14/2002

Analysis indicates the presence of a substance similar to a dielectric fluid.

Map Identification Number 422 **CAPITAL ASSOCIATES** **Spill Number: 0609052** **Close Date: 11/09/2006**
840 8TH AVE MANHATTAN, NY TT-Id: 520A-0090-355
840 EIGHTH AVE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2556 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CAPITAL ASSOCIATES	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	SMSANGES	Contact for more spill info:	ROB HILL	Contact Person Phone:	(718) 579-3410

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/07/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	6.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	12000	Unknown	0.00	UNKNOWN

Caller Remarks:

ROB HILL IS A CASTLE REP. AND IS CURRENTLY AT SCENE; HAS BEEN CLEANED; ROB HILL HAS CONTACT INFO FOE CAPITAL ASSOCIATES; 2000 GALLONS IN INVENTORY, CUSTOMER ORDERED 8000 GALLONS; DUE TO FAULTY GAUDGE THERE WAS REALLY ABOUT 7000 GALLONS IN TANK SO GAUDGE WILL BE REPLACED;

DEC Investigator Remarks:

Rob Hill says it's all cleaned up

Map Identification Number 423 **CON-ED ASBESTOS** **Spill Number: 8600296** **Close Date: 04/11/1986**
8TH AVE.&W. 56TH ST. NEW YORK CITY, NY TT-Id: 520A-0090-877

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2559 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 8TH AVE./W. 56TH ST.
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Police Department
Caller Name:
DEC Investigator: UNASSIGNED
Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/11/1986	04/11/1986	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	SEWER
NONENE	OTHER	0	UNKNOWN	0	UNKNOWN	SEWER

Caller Remarks:

UNK. MATL. COMING OUT OF MANHOLE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 424 **GOTHAM CONSTRUCTION SITE** **Spill Number: 9611467** **Close Date: 09/23/1997**
520 WEST 43RD ST MANHATTAN, NY TT-Id: 520A-0096-844

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2561 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: BRUCE WEILL - FORMER OIL TANK AT | Spiller Phone:
Notifier Type: Other | Notifier Name: JEFF GOLDBERG | Notifier Phone: (914) 762-9000
Caller Name: JEFF GOLDBERG | Caller Agency: TESTWELL GREG LAB | Caller Phone: (914) 762-9000
DEC Investigator: MMMULQUE | Contact for more spill info: BRUCE WEILS | Contact Person Phone: (212) 599-0520

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/17/1996		OTHER	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

BORING DONE AND FOUND CONTAMINATION IN 1 BORING ONLY 1 OF 7 BORINGS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
7/16/98 mmm:FILE TRANSFERED TO NYS RECORDS CENTER BOX # 306858.

Map Identification Number 425 **RESCUE CO.1 FDNY -DDC** **Spill Number: 9613779** **Close Date: 03/23/2006**
530 WEST 43RD STREET MANHATTAN, NY TT-Id: 520A-0099-561

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2561 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: TONY MARINO - NEW YORK CITY FD | Spiller Phone:
Notifier Type: Other | Notifier Name: ANDRE LAPRES | Notifier Phone: (716) 856-5636
Caller Name: ANDRE LAPRES | Caller Agency: URS GREINER | Caller Phone: (716) 856-5636
DEC Investigator: ADZHITOM | Contact for more spill info: TONY MARINO | Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/24/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER COMPANY TESTED SOIL FOR AN UNDERGROUND FUEL TANK CLOSURE AND THEY JUST RECEIVED THE RESULTS TODAY THAT THE SOIL IS CONTAMINATED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"
URS PERFORMED INVESTIGATION. NO FURTHER ACTION REQUIRED.

10/11/2005 According to Jane Staten (URS)URS submitted ISRP on 10/18/1999. Contamination was a result of fire in 1987 and not from the former UST.ISRP recommended NFA for the site. On August 17, 1999 AZ approved this recommendation. On October 18, 1999, NFA letter was issued. AZ

Map Identification Number 426 **8TH AVE & W 49TH ST** **Spill Number: 9608407** **Close Date: 03/04/2003**
8TH AVE & W 49TH ST NY, NY TT-Id: 520A-0090-944

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2563 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 8TH AVE / W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	TANK TRUCK	Spiller:	MYSTIC	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:	DISPATCHER 36	Notifier Phone:	(718) 628-2900
Caller Name:	SANDRA MARTINKAT	Caller Agency:	NYSDEC	Caller Phone:	(718) 482-4933
DEC Investigator:	GUTIERREZ	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/07/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

spill in street fd on scene nycdep to respond

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 427 **8TH AVE & W 49TH ST** **Spill Number: 9608402** **Close Date: 10/16/1996**
8TH AVE & W 49TH ST MANHATTAN, NY TT-Id: 520A-0090-943

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2563 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 8TH AVE / W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	O.E.M.	Notifier Phone:	(212) 374-5500
Caller Name:	NANCY HUGHES	Caller Agency:	DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	O'DOWD	Contact for more spill info:	NANCY HUGHES	Contact Person Phone:	(718) 595-6777

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/07/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

NYC O.E.M. RECIEVED A CALL AND TURNED IT OVER TO THE F.D.N.Y. OF SOME TYPE OF DIESEL SPILL IN THE ABOVE LOCATION - SPILLWAS ON PAVEMENT AND SOME DID GO INTO THE SEWERS IN THE AREA - SPILL HAS NOT BEEN CLEANED UP YET

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/07/96 - 595-4718, SAGAR, MYSTIC, RESPONDED - 10 GALLON SPILL
SPOKE TO TOMMY/DEP, HE SAID SAGAR RESPONDED AND SHOULD BE THERE. HE SAID MYSTIC HAD CALLED IT A 10 GALLON SPILL AND THEN FDNY CALLED IT MUCH GREATER - WILL HAVE SAGAR CALL ME.

Map Identification Number 428 **MANHOLE 58594** **Spill Number: 0405757** **Close Date: 12/21/2005**
AMSTERDAM AVE/WEST 62ND S NEW YORK, NY TT-Id: 520A-0095-242

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2584 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: AMSTERDAM AVE / W 62ND ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN SPILLER	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	MR. MORAN	Notifier Phone:	(212) 580-6763
Caller Name:	KEVIN MCARDLE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/26/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	7.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

7 gallons of unknown oil in manhole.

Ref. #155068

Cleanup is pending crews.

DEC Investigator Remarks:

e2mis no. 155068:

R Oravec # 15482 reports that while responding to a manhole fire he discovered 7 gallons of unknown oil on the concrete floor of the structure (possibly from a blown joint in the manhole). Conduit plate 32-d-4 shows no sewer connection. 2 sludge samples were taken from the spill.

Lab Sequence Number: 04-06809-001: TOTAL PCB 416 ppm

Lab Sequence Number: 04-06811-001: Analysis indicates the presence of a feeder cable oil

8/26/04 14:23 M. Melendez # 11285 Underground/c;eanup supervisor called to report that athe cleanup was completed at 14:15. There was 2 barrels of waste generated as a result of this cleanup. The tanker removed 150 gsllons of water/oil miture from the structure. The structure was triple washed with slix. The spill tag # 44065 was removed. The cleanup crew was: C. padua # 82284, J. Oconnell # 00993, T. Nunez # 88450. The blwn joint will be replaced.

-----Original Message-----
From: Drummings, Anthony
Sent: Monday, August 29, 2005 10:05 AM
To: Melendez, Michael
Subject: Incident # 155068
Mike, you were the cleanup supervisor listed for the subject incident on 8/26/04. The incident involved a blown joint on feeder 11m55. The manhole number is M58594 and there was approximately 7 gallons of feeder cable oil spilled. You indicated to the environmental desk when you called in the cleanup completion on 8/26/04 that the blown joint will be replaced. The NYSDEC has returned the incident for information on whether the blown joint has been repaired? Do you have confirmation that the joint has been repaired?

Update: 8/29/05 @ 14:15 hrs
-----Original Message-----
From: Melendez, Michael
Sent: Monday, August 29, 2005 12:55 PM
To: Drummings, Anthony
Subject: RE: Incident # 155068
Yes, I just checked rapid restore and a 3c, 11M55 was spliced in that hole, so the repairs were made.
Michael Melendez
U.G. Supervisor
110th St.
917-567-3592

Map Identification Number 429 **APARTMENT BLDG** **Spill Number: 0106458** **Close Date: 09/28/2001**
435 W 43RD DT MANHATTAN, NY TT-Id: 520A-0093-918

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2618 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 435 W 43RD ST
Revised zip code: NO CHANGE

Source of Spill:	TANK TRUCK	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:	REFUSED	Notifier Phone:	
Caller Name:	REFUSED	Caller Agency:	REFUSED	Caller Phone:	(000) 000-0000
DEC Investigator:	TDGHIOSA	Contact for more spill info:	BEACH LANE MGMT	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/20/2001		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reports when tank is filled - each time oil is spilled - they don’t clean it up - it happens all the time - apparently there is a problem there because this is the only bldg that spills the oil

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "GHIOSAY"
SEPT. 28, 2001 LOCATION WAS INSPECTED AND FOUND TO BE CLEAN. NFA.

T. GHIOSAY

Map Identification Number 430 **IN ROADWAY** **Spill Number: 0107767** **Close Date: 10/31/2001**
507 W 42ND ST MANHATTAN, NY TT-Id: 520A-0096-839

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2622 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	LISA SCHICHLEIN - GE ENERGY RENTALS	Spiller Phone:	(770) 859-6572
Notifier Type:	Local Agency	Notifier Name:	LISA SCHICHLEIN	Notifier Phone:	(770) 859-6572
Caller Name:	LISA SCHICHLEIN	Caller Agency:	GE ENERGY RENTALS	Caller Phone:	(770) 859-6572
DEC Investigator:	TGHALL	Contact for more spill info:	LISA SCHICHLEIN	Contact Person Phone:	(770) 859-6572

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/29/2001		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	5.00	GALLONS	5.00	GALLONS	SOIL

Caller Remarks:

unk cause - poss fron generator

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HALL"
10/31/2001: TOM HALL TELCON WITH LISA SCHICHLEIN AT 1500 HRS. AS PER SCHICHLEIN, THE SPILL OCCURRED TO ROADWAY AND WAS CLEANED UP BY CLEAN HARBORS, INC. SOURCE WAS FROM FUEL TANK ON GENERATOR BEING TRANSPORTED BY HIGHPOINT GARAGE (MANHATTAN ?). NO SEWERS OR OTHER RECEPTORS IMPACTED-CLEANUP COMPLETE. NO FURTHER ACTION BY SPILLS UNIT AT THIS TIME-CLOSED.

CLOSED STATUS HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 431 **549 WEST 52ND STREET** **Spill Number: 9909771** **Close Date: 06/17/2010**
549 WEST 52ND STREET MANHATTAN, NY TT-Id: 520A-0101-174

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 101 feet to the WSW*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	A J PATEL	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	NYC HPD	Notifier Phone:	
Caller Name:	ISAAC MUNGRA	Caller Agency:	PETROLEUM TANK CLEANERS	Caller Phone:	(718) 624-4842
DEC Investigator:	HRPATEL	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/10/1999		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER REPORTING A SPILL ON THE CONCRETE OF MATERIAL FROM A FAULTY TANK TANK WAS PUMPED OUT AND SPEEDY DRY WAS PLACED ON MATERIAL ON CONCRETE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

Vivek Nattanmai. December 29, 2005

Reviewed the spill report, identified the property owner and sent a letter dated 12/30/05 to the property owner requesting for information.

Albany review (above) - vrnattan

1/29/07 - Austin - Transferred from Albany assignment to Patel in R-2 office for further work - end

06/06/07-Hiralkumar Patel.

PBS #: 2-469874. as per PBS record, site has 5000 gal gasoline AST sitting on floor. tank was installed on 01/01/1910.
spill was reported as found #2 oil spill from tank, but PBS shows gasoline tank on-site.

spoke with Mr. Brown at NYC HPD. he mentioned that NYC HPD ownes this site but building managed by Clinton Housing Development Co.

spoke with Diana Poblador at Clinton housing. she is property manager. she doesn't know anything about oil spill as they managing this building since last month. she will check for any records.

Roseland Griffin **property manager**
Clinton Housing Development Company
403 West 40th Street
New York, NY 10018
Ph. (212) 967-1644
Fax (212) 967-1649

Diana Poblador
Clinton Housing Development Company

received call from Diana. she said as they are managing this property for a month only, they are not responsible for any work required for oil spill reported in 1999.

left message for Mr. Williams.

received call from Mr. Brown. NYC HPD was managing property in 1999 and Mr. Brown will be contact person at NYC HPD.

Lloyd Brown
NYC HPD
100 Gold Street, # 6X
New York, NY 10038

Ph. (212) 863-7433
Fax (212) 863-7061
email: brownll@hpd.nyc.gov

06/07/07-Hiralkumar Patel. sent letter to Mr. Brown requiring report submission on oil spill cleanup. letter emailed to Mr. Brown.

06/13/07-Hiralkumar Patel. received call from Mr. Brown. site has one gasoline tank. sent email to Mr. Brown with specific information requirement, as Mr. Brown requested. Mr. Brown mentioned that contractor had excavated area to clean spill.

07/25/07-Hiralkumar Patel. left message for Mr. Brown.
09/19/08-Hiralkumar Patel. left message for Mr. Brown.
05/17/10-Hiralkumar Patel.
10:57 AM:- spoke with Mr. Brown. he mentioned that their legal department is working on this matter and he asked me to contact Mr. Weinberg.
11:00 AM:- left message for Mr. Weinberg.

Herold Weinberg **HPD legal**
Ph. (212) 863-8409

05/21/10-Hiralkumar Patel.
8:52 AM:- received message from Derek Parsons from NYC HPD.

Derek Parsons
Director: Emergency, Essential Services & Lead
NYC HPD
100 Gold Street 6-Y2
New York, NY 10038
Ph. (212) 863-7172 (O)
(917) 559-4337 (C)
Fax (212) 863-5064
email: parsonsd@hpd.nyc.gov

1:44 PM:- spoke with Mr. Parsons. he contacted PTC who doesn't have any documents available on this case. Mr. Parsons will look for documents. during conversation, he mentioned that site has #2 oil tank, instead of gasoline tank as mentioned in PBS record. asked Mr. Parsons to correct PBS record.
2:28 PM:- sent email to Mr. Parsons with copy of PBS correction form. asked him to either submit spill cleanup documents from 1999/2000 or contractor's info, who will do soil investigation, by the end of 06/18/10.

06/03/10-Hiralkumar Patel. received email from Mr. Parsons (at 9:25 AM on 05/25/10) including copy of field survey data sheets. according to the survey data sheet dated 11/03/99, 6 inches of product found in tank room. HPD inspector suspected leak from tank itself due to corrosion. according to field survey data sheet dated 11/12/1999, 6 inches of product was still there in tank room. according to field survey data sheet dated 01/31/2000, vendor pumped out oil, removed old tank and was in process of installing new tank. also inspector found that tank room was flooded with water, but no oil sheen found on top of water on 01/31/2000.

as per field survey notes, contractor installed new tank on-site. but PBS record shows only one tank on site which was installed on 01/01/1910. no information about closure of old tank and installation of new tank.

1:48 PM:- left message for Mr. Parsons. informed him that as per field survey sheet, about 6 inches of oil found on tank room floor, but no indication of tank room floor condition or subsurface investigation. asked Mr. Parsons to either submit detailed cleanup report or do soil investigation.

during search at ACRIS, found that the subject site owned by Clinton Parkview Apartments Housing Development Fund Corporation.

2:35 PM:- spoke with Mr. Parsons. he mentioned that NYC HPD owns the subject site. he mentioned that the lot has mutiple buildings and some of those buildings were sold to Clinton Parkview Apartments Housing Development Corp. and due to some confusion, ACRIS showing the subject site owned by Clinton Parkview. but the subject site is owned by NYC HPD and leased to Clinton Housing Development Company. Mr. Parsons also mentioned that existing tank system at the site is owned by HPD but operated by Clinton Housing.

06/04/10-Hiralkumar Patel.
10:30 AM:- visited site. site has 10 story building with basement. met Lenny Costillo, building super. inspected tank room. site has AST on saddles in tank vault, which is located under a sidewalk. found tank in bad condition (corrosion and wall chips falling off). found water in tank vault. no label/tank info/fill port color code found. found old abandoned fill port.

11:30 AM:- left message for Ms. Poblador.
11:42 AM:- received call from Ms. Poblador. she mentioned that Ms. Griffin manages this building. Ms. Poblador mentioned that Clinton Housing has long term lease for the building and they are managing it for City.

06/17/10-Hiralkumar Patel. after discussing with DEC Austin, case closed based on following:

- 6 inches of #2 product found in tank room on 11/03/99
- product thickness (of 6 inches) was the same on 11/12/99
- new tank installed at same location
- on 01/31/2000, tank room was flooded with water, but no oil/sheen observed on water
- no odor/sheen/oil observed inside tank room or sump in basement during a recent site visit

4:48 PM:- sent email to DEC Leszek and informed him about PBS violations at the site.

case closed.

Map Identification Number 432 **52ND ST** **Spill Number: 9901463** **Close Date: 06/22/1999**
52ND ST, 10TH & 11TH AV MANHATTAN, NY TT-Id: 520A-0102-006

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 149 feet to the S*

ADDRESS CHANGE INFORMATION
Revised street: W 52ND ST
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	SANITATION	Notifier Phone:	
Caller Name:	STANLEY BALDWIN	Caller Agency:	NYC DEP	Caller Phone:	(718) 595-4658
DEC Investigator:	MCTIBBE	Contact for more spill info:	STANLEY BALDWIN	Contact Person Phone:	(718) 595-4658

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/07/1999		ABANDONED DRUM	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

55 GAL DRUM ABANDONED AT ABOVE LOCATION APPROX 1/2 FULL OF PETROLEUM PRODUCT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
NYC-DEP REMOVED THIS DRUM - NO DEC ACTION

Map Identification Number 433 **FORMER VERIZON FACILITY** **Spill Number: 0703518** **Close Date: 06/20/2008**
770 11TH AVE NEW YORK, NY TT-Id: 520A-0101-177

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 287 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	JEFF BOHLEN - FORMER VERIZON FACILITY	Spiller Phone:	(631) 924-3001
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	hrpatel	Contact for more spill info:	JEFF BOHLEN	Contact Person Phone:	(631) 924-3001

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/26/2007		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FOUND CONTAMINATED SOIL UNDER DISPENSERS

DEC Investigator Remarks:

Sangesland played "phone tag" with Jeff Bohlen of Envirotrac. He said they removed a buried tank from the basement of the building and found contaminated soil. He said the contamination was confined by a historical subfloor/foundation structure from an old previous building on the site. Unknown if end point samples were taken (Sangesland did tell Mr. Bohlen that end points would be required). Sangesland asked Jeff Bohlen to contact Jeff Vought at the DEC directly for specific instructions to close out the case.
A CSL Letter was NOT sent.

06/20/08-Hiralkumar Patel. duplicate spill. case closed. refer to spill #: 0706546.

Map Identification Number 434 **IN PARKING LOT** **Spill Number: 0512738** **Close Date: 07/13/2009**
766 11TH AVE MANHATTAN, NY TT-Id: 520A-0101-181
766 ELEVENTH AVE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 287 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	DISPATCHERS - IN PARKING LOT	Spiller Phone:	(212) 628-2900
Notifier Type:	Fire Department	Notifier Name:	DISPATCHER 210	Notifier Phone:	(212) 628-2900
Caller Name:	DISPATCHER 210	Caller Agency:	MANHATTEN FIRE	Caller Phone:	(212) 628-2900
DEC Investigator:	hrpatel	Contact for more spill info:	DISPATCHERS	Contact Person Phone:	(212) 628-2900

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/03/2006		ABANDONED DRUM	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FIRE DEPT ON SCENE , UNKNOWN AMOUNT IN PARKING LOT: WOULD LIKE DEC TO RESPOND

DEC Investigator Remarks:

2/3/06-Vought-Called FDNY dispatcher and spill caused by "leaking gallon containers in a Verizon parking lot" and FDNY was no longer at scene. Vought called Jerome Kung (646-483-6554) who will find out status of spill. Kung called DEC back and left message. Vought called back Jerome and left message to return call to DEC.

07/13/09-Hiralkumar Patel. case closed. refer to spill #: 0706546.

Map Identification Number 435 **APARTMENT BLDG** **Spill Number: 9709805** **Close Date: 02/25/2003**
535 W. 51ST ST MANHATTAN, NY TT-Id: 520A-0101-327

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 291 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	GAE RICCI - MB TRUCKING	Spiller Phone:	(718) 328-3275
Notifier Type:	Responsible Party	Notifier Name:	AUDLEY FOGO	Notifier Phone:	
Caller Name:	GABE RICCI	Caller Agency:	MB TRUCKING	Caller Phone:	(718) 328-3275
DEC Investigator:	KGHALE	Contact for more spill info:	ABOVE CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/22/1997		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	15.00	GALLONS	15.00	GALLONS	SOIL

Caller Remarks:

fitting malfunction spill to sidewalk no sewer involved spill contained and cleaned

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HALE"
2/25/2003 - Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 436 **562 W.52ND ST** **Spill Number: 9912977** **Close Date: 05/01/2003**
562 W.52ND ST MANHATTAN, NY TT-Id: 520A-0096-194

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 304 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNK - NYC HOUSING	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:	ANNONYMOUS	Notifier Phone:	
Caller Name:	ANNONYMOUS	Caller Agency:		Caller Phone:	
DEC Investigator:	SACCACIO	Contact for more spill info:	NYC HOUSING	Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/14/2000		HOUSEKEEPING	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN HAZARDOUS MATERIAL	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES THAT THE ABOVE ADDRESS IS A NYC HOUSING RENTOVATION AND THE CONTRACTOR IS DUMPING CONTAIMINATED SOIL INTO A DUMPSTER TO GET RID OF IT, CALLER BELIEVES THE SOIL IS CONTAMINATED WITH HEATING OIL, COAL DUST, AND MURIATIC ACID

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SACCACDEMEO"
5/1/2003 tipple updating/transferred from Saccacio to Demeo/ see spill #0330007 Demeo inspected site 5/1/03 and found no visual or olfactory evidance of a release .

Map Identification Number 437 **11TH AVE BETWEEN 53 AND** **Spill Number: 9813102** **Close Date: 02/13/2003**
11TH AVE BET 53RD,54TH ST MANHATTAN, NY TT-Id: 520A-0102-003

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 395 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: ELEVENTH AV BTWN 53RD/54TH
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:	SAME	Notifier Phone:	
Caller Name:	MR FATIMILEHIN	Caller Agency:	DEP	Caller Phone:	(718) 595-4799
DEC Investigator:	MCTIBBE	Contact for more spill info:	MR FATIMILEHIN	Contact Person Phone:	(718) 595-4799

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/25/1999		ABANDONED DRUM	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

55 GALLON DRUM WAS ABANDONED IN THE SIDEWALK IN THE AREA.ABOUT 10

GALLONS OF A SUBSTANCE REMAIN IN THE BARREL.ON THE SIDE OF THE BARREL THERE IS CORROSIVE MARKER.FIRE DEPT IS NOT ON THE SCENE .

DRUM IS NOT LEAKING**********

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
02/13/2003-Closed Due To The Nature / Extent Of The Spill Report.

Map Identification Number 438 **MOBIL SERVICE STATION HPD -DDC** **Spill Number: 9803781** **Close Date: 07/07/1999**
783 10TH AVENUE NEW YORK, NY TT-Id: 520A-0093-884

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 454 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	PAUL COOPER - MOBIL OIL	Spiller Phone:	(516) 239-7792
Notifier Type:	Local Agency	Notifier Name:	DRIVER	Notifier Phone:	
Caller Name:	PAUL COOPER	Caller Agency:	MOBIL OIL CORP	Caller Phone:	(516) 239-7792
DEC Investigator:	MCTIBBE	Contact for more spill info:	PAUL COOPER	Contact Person Phone:	(516) 239-7792

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/24/1998		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	6.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

driver delivered to wrong tank causing overfill. fire dept on scene - spill contained w/foam. cleanup crew enroute

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
CLEANED BY RP.

SEE ALSO 93-08101 & SP93326.

Map Identification Number 439 **MOBIL SERVICE STATION HPD -DDC** **Spill Number: 9712707** **Close Date: 02/13/1998**
783 10TH AVENUE NEW YORK, NY TT-Id: 520A-0093-883

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 454 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	WALTER TULOWITZKI - MOBIL OIL	Spiller Phone:	(516) 239-8200
Notifier Type:	Affected Persons	Notifier Name:	COAST GUARD	Notifier Phone:	(800) 424-8802
Caller Name:	WALTER TULOWITZKI	Caller Agency:	MOBIL OIL	Caller Phone:	(516) 239-8200
DEC Investigator:	SMMARTIN	Contact for more spill info:	WALTER TULOWITZKI	Contact Person Phone:	(516) 239-8200

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/13/1998		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	15.00	GALLONS	15.00	GALLONS	SOIL

Caller Remarks:

ERROR BY DRIVER IN READING STICK

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
(212)-664-9652 SPOKE TO MANGER ALFREDO FELISE. SUPERVISOR CAME FROM MOBIL. WATER IN CATCHBASIN BECAUSE OF RAIN. WAITING TO GET IT SUCKED OUT. NO GAS IN STREET. CLEANED PARKING LOT(3'X 3') WITH SPEDDY DRY. 5:30 AM WAS DELIVERY 4-550 REG UNL. 1689[2200]=

4K-2772=ORDERED 800 INV. MIXED UP THE

ORDER.

Map Identification Number 440 **783 10TH AVE/MANH/MOBIL** **Spill Number: 9010289** **Close Date: 12/21/1990**
783 TENTH AVENUE NEW YORK CITY, NY TT-Id: 520A-0093-885

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 454 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 783 10TH AVENUE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Affected Persons
Caller Name: DEBORAH BOOTHE
DEC Investigator: FINGER

Spiller: ISLAND TRANSPORTATION
Notifier Name:
Caller Agency: MOBIL OIL
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 383-7814
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/21/1990	12/21/1990	HUMAN ERROR	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DRIVER WAS DELIVERING, STATION CUSTOMER STRUCK DELIVERY HOSE,NYCFD RESPONDED & DID CLEAN UP,DEC CHECKED WITH NYCDEP & CONFIRMED CLEAN UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 441 **VAULT #6326** **Spill Number: 0514118** **Close Date: 04/17/2006**
500 W. 54 STREET MANHATTAN, NY TT-Id: 520A-0096-178

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 461 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 500 W. 54TH ST.
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: JOHN MORAN
DEC Investigator: GDBREEN

Spiller: ERT DESK - CON EDISON
Notifier Name: GENE ANELLI
Caller Agency: CON EDISON
Contact for more spill info: ERT DESK‘

Spiller Phone: (212) 580-8383
Notifier Phone: (212) 580-8383
Caller Phone: (212) 580-8383
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/09/2006		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

One pint of transformer oil spilled due to a leak in the transformer. Unknown if material is PCB or non PCB. Doing testing to find out. Clean up pending transformer removal. ConEd#163268

DEC Investigator Remarks:

04/17/06 - See e-docs for Con Ed report detailing cleanup and closure.

04/17/06 - See e-docs for Con Ed report detailing cleanup and closure.

163268. see eDocs

Map Identification Number 442 **811 TENTH AVE** **Spill Number: 0000276** **Close Date: 04/07/2000**
811 10TH AVE MANHATTAN, NY TT-Id: 520A-0096-177
811 TENTH AVE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 461 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 811 10TH AV
Revised zip code: 10019

Source of Spill: PASSENGER VEHICLE Spiller: Spiller Phone:
Notifier Type: Citizen Notifier Name: JIM MCPARTLIN Notifier Phone: (212) 541-7520
Caller Name: JIM MCPARTLIN Caller Agency: Caller Phone: (212) 541-7520
DEC Investigator: JMKRIMGO Contact for more spill info: JIM MCPARTLIN Contact Person Phone: (212) 541-7520

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/06/2000		TRAFFIC ACCIDENT	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
AUTO WASTE FLUIDS	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

waste fluids from vehicles are all over the sidewalk

caller states there is an ongoing spill investigation

for this area - the AT&T spill site

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 443 **54TH ST** **Spill Number: 9901462** **Close Date: 06/22/1999**
54TH ST & 11TH AV MANHATTAN, NY TT-Id: 520A-0096-180

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 492 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 54TH ST / 11TH AVE
Revised zip code: 10019

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	SANITATION DEPT	Notifier Phone:	
Caller Name:	STANLEY BALDWIN	Caller Agency:	NYC DEP	Caller Phone:	(718) 595-4658
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/07/1999		ABANDONED DRUM	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ABANDONED 55 GAL DRUM LEFT AT ABOVE LOCATION - APPRX 1/2 FULL OF UNKNOWN PETROLEUM PRODUCT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
NYC-DEP REMOVED THIS DRUM - NO DEC ACTION

Map Identification Number 444 **BUS** **Spill Number: 0608731** **Close Date: 11/01/2006**
54TH & 11TH AVE MANHATTAN, NY TT-Id: 520A-0101-330

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 492 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: W 54TH ST / 11TH AVE
Revised zip code: 10019

Source of Spill:	PASSENGER VEHICLE	Spiller:	SHERRY BULKLEY - BUS	Spiller Phone:	(646) 252-5777
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	SMSANGES	Contact for more spill info:	SHERRY BULKLEY	Contact Person Phone:	(646) 252-5777

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/30/2006		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

HOSE BROKE AND WENT INTO SEWER

DEC Investigator Remarks:

minor street spill

Map Identification Number 445 **MOBIL S/S** **Spill Number: 9505594** **Close Date: 11/22/1996**
718 11TH AVENUE NEW YORK, NY TT-Id: 520A-0096-215

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	MOBIL OIL CORP	Spiller Phone:	(516) 239-7792
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	LT. DABISON	Caller Agency:	USCG	Caller Phone:	(212) 668-7936
DEC Investigator:	DKHARRIN	Contact for more spill info:	MIKE MEOLA	Contact Person Phone:	(516) 371-1527

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/05/1995		TANK OVERFILL	2-157899	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OVERFILLED UNDER GROUND TANK - CLEANUP CREW RESPONDING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"
Reassigned from DEC Sigona on August 4, 2003, as per Letter from

P. David Smith, Bureau Director, Remedial Bureau B.

CLEANED BY RP (COPY TO KERRI). This spill was reassigned to DEC Sigona on Sept 2000. Also see spill nos. 0007323, 9009654, 9400944, and 8904939.

Map Identification Number 446 **S&R REPAIR SERVICE** **Spill Number: 1109808** **Close Date: 11/08/2011**
718 11TH AVE MANHATTAN, NY TT-Id: 520A-0269-257

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	TOM COLLIGAN - SAFETY CLEAN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	smsanges	Contact for more spill info:	TOM COLLIGAN	Contact Person Phone:	(908) 791-9600

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/04/2011		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Waste oil service spilled during while on loading into truck. Spilled onto blacktop. Enviornmental service company enroute for cleanup. No sewers involved/contained.

DEC Investigator Remarks:

Spill cleaned up by contractor. Spill closed.

Map Identification Number 447 **MOBIL #17-JWN** **Spill Number: 0403447** **Close Date: 12/22/2006**
718 11TH AVE NEW YORK, NY TT-Id: 520A-0096-205

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 513 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	JAY HOFFICKER - MOBIL		Spiller Phone: (908) 272-6579
Notifier Type:	Other	Notifier Name:	JERRY		Notifier Phone: (800) 646-3161
Caller Name:	JERRY	Caller Agency:	CROMPCO		Caller Phone: (800) 646-3161
DEC Investigator:	DKHARRIN	Contact for more spill info:	JAY HOFFICKER		Contact Person Phone: (908) 272-6579

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
06/30/2004		EQUIPMENT FAILURE	2-157899	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

LINE TEST FAILURE, A MINOR AMOUNT SPILLED OUT, LINE HAS BEEN TAKEN OUT OF SERVIE, REPAIRED AND RETESTED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HARRINGTON"

12/22/2006: Consolidated with spill no. 89-04939. (Harrington)

Map Identification Number 448 **APARTMENT BUILDING** **Spill Number: 0813463** **Close Date: 03/17/2009**
501 WEST 51ST ST MANHATTAN, NY 10019 TT-Id: 520A-0226-398

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 537 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	SAL - APARTMENT BUILDING	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	rvketani	Contact for more spill info:	UNKNOWN	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/01/2008		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

Caller states soil sample results showed impacted soils.

DEC Investigator Remarks:

3/13/09 - Raphael Ketani. The site is a 6 story apartment building that was turned into condominiums. The block and lot are 1080 and 25. The main address is listed in Property Shark as 753 10th Avenue. The alternate addresses are 755-765 10th Avenue, 507-515 West 51st Street, and 510-518 West 52nd Street. The owner, according to ACRIS, is Clinton Green South, LLC, c/o The Dermot Company, Inc., 320 West 57th Street, NY, 10019.

According to Donna Vieni of ABC Tank (718) 272-2800, they were contracted by Lemi Construction (Sal is the contact; (646) 721-0019) back on 8/1/08 to remove a 275 gal. tank and the associated contaminated soil. She said that the soil and tank were removed and end point samples were taken. She has the results and they were at or below TAGM. She said that she has the whole remediation report and she will send it to DEC. I asked her why the spill wasn't reported until now. She said that she had no answer.

3/17/09 - Raphael Ketani. Donna of ABC Tank sent me the FAXed soil analyticals for the site. I reviewed them and found the residual contamination to be non-detect for VOCs and generally well below the TAGM limits for SVOCs.

As the analytical results indicate that the residual contaminant concentrations are very low and Donna told me that the tank and the contaminated soil were removed, I am closing the spill case.

Map Identification Number 449 **BULL MCCABE** **Spill Number: 0007323** **Close Date: 07/11/2003**
714 11TH AVE NEW YORK, NY TT-Id: 520A-0096-199

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 543 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	MIKE MEOLA - EXXONMOBIL	Spiller Phone:	(516) 371-1527
Notifier Type:	DEC	Notifier Name:	FIONNUALA	Notifier Phone:	(212) 247-8474
Caller Name:	ANTHONY SIGONA	Caller Agency:	NYS DEC	Caller Phone:	(718) 482-4998
DEC Investigator:	SIGONA	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/21/2000		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

GAS VAPORS IN THE BULL MCCABE RESTRUANT AND BAR BECAME INTENSE NYC FIRE DEPT RESPONDED ATTEMPTING TO VENT BASEMENT FROM FROM VAPORS

THESE VAPORS HAVE BEEN ON GOING DURING HEAVY RAIN EVENTS.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

DEC Sigona sent letter to ExxonMobil on Sept 22, 2000 with an outline of required actions to address vapors from subsurface contamination at Mobil S/S, 718 11th Avenue. ExxonMobil sent letter to DEC on Sept 25, 2000, accepting responsibility to cary out required actions. DEC Sigona sent Stipulation Agreement for ExxonMobil Signature on Sept 25, 2000 with an attached corrective action plan.

Also see Spill Nos. 9009654, 9400944, 9505594, 8904939.

Sent executed stipulation agreement and approval of proposed monitoring wells on October 4, 2000.

Map Identification Number 450 **POTAMKIN MITSUBISHI** **Spill Number: 9306238** **Close Date: 11/09/2000**
706 11TH AVENUE NEW YORK, NY TT-Id: 520A-0096-213

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 562 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	NON-MAJOR FACILITY (>1100 GAL)	Spiller:	SAUL JERICHO - POTAMKIN CHRYSLER PLYMOUT	Spiller Phone:	(212) 433-1700
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	SID SIEGAL	Caller Agency:	PATAM KIN CHRYSLER	Caller Phone:	(212) 603-0818
DEC Investigator:	SIGONA	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/22/1993		HOUSEKEEPING	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

SPILLAGE POSSIBLE CAME FROM OLD LINE AREA - OIL WATER SEPARATOR AREA. PROPERTY FOR SALE. BORINGS DALE AND CONTAINED SOIL DISCOVERED.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: FLUID & WAST OIL.

DEC Sigona sent a letter to Potamikin Mitsubishi on 11/9/2000 to close this spill investigation. Any further groundwater monitoring will be performed by Mobil Corp in accordance with a Stipulation Agreement for 714 11th Avenue Spill Nos. 8904939 & 9009654.000

Map Identification Number 451 **POTAMKIN MITSUBISHI** **Spill Number: 9211268** **Close Date: 05/04/1993**
706 11TH AVE NEW YORK, NY TT-Id: 520A-0096-212

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 562 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	SAUL JERICHO - POTAMKIN CHRISTLER PLYMOU	Spiller Phone:	(212) 433-1700
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	S.O SEGAL	Caller Agency:	POTAMKIN CHRISTLER PLYMOU	Caller Phone:	(212) 603-0800
DEC Investigator:	SIGONA	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/30/1992	05/04/1993	EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DOING ENV TESTING-FOUND TANK HAD A LEAK . NOT SURE WHEN OCCURED-WILL EVACUATE

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

05/04/93: EXCAVATED SOIL TOOK SAMPLES FAXED THEM ND O.K. TO BACKFILL WITH EXCAVATED SOIL.
Also see spill No. 9306238. Reassigned from DEC O'Dowd to DEC Sigona in September 2000.

Map Identification Number 452 **APARTMENT** **Spill Number: 9300130** **Close Date: 04/02/1993**
759 10TH AVE MANHATTAN, NY TT-Id: 520A-0101-329

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 562 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	STEVE TAGER	Caller Agency:	PETRO TANK CLEANERS	Caller Phone:	(718) 624-4842
DEC Investigator:	KSTANG	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/02/1993	04/02/1993	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DRY SOL & SAND APPLIED PETRO TANK TO INVENT & POSSIBLE CLEANUP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

Map Identification Number 453 **APT. BUILDING** **Spill Number: 1107827** **Close Date: 10/20/2011**
747 10TH AVE MANHATTAN, NY TT-Id: 520A-0265-943

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 564 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	HRPATEL	Contact for more spill info:	PETE MIRABILE	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/20/2011		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

over fill at apt. complex/vac truck and crew en route/spill contained to tank room

DEC Investigator Remarks:

statewide oil customer. Unkown oil co pumped #2 oil into tank. Overfill out top of tank to tank room floor. A couple inches is present. Riteway responding with vac truck and 7 men to perform cleanup. Unsure if #2 oil in tank will be pumped or burned. DEC Patel to respond.

09/20/11-Hiralkumar Patel.
1:36 PM:- spoke with Pete at Riteway. he received call from Statewide oil as the subject site is Statewide Oil’s customer. Pete was informed that an unknown oil company delivered about 9,000 gal oil into a 20,000 gal tank. as per super, oil spilled from manway inside the tank room only. no spill at the vent pipe. Pete was informed that there is about 2 inches of product in tank room.

alternate addresses: 737-751 10th Ave, 501 W 50th Street, 517 W 50th Street, 525-545 W 50th Street, 500 W 51st Street, 518 W 51st Street, 534 W 51st Street

PBS #: 2-040541, 2-353612

as per PBS #: 2-040541, site has one 40,000 gal #6 oil UST. tank was installed in Jan. 1974. this tank system owned by Hudsonview Terrace Apartment.

as per PBS #: 2-353612, site (525 W 50th Street) has two 20,000 gal #6 oil ASTs on legs/saddles. these tank systems owned by NYC Dept. of Education.

other spills : 0914426, 1002582

spill #: 0914426 was reported on 12/31/2009 by ConEd as 5 gal unknown oil found. case closed.
spill #: 1002582 was reported on 06/07/2010 by ConEd as 10 gal unknown oil found in transformer vault. case closed.

2:20 PM:- spoke with Frank Arias, building super. he mentioned that two buildings: 547 10th Ave and 525 W 50th Street were built at the same time, but both buildings owned by separate owners. there are some plumbing lines on each building that run into other building, but no connection between tank systems on both properties. Frank mentioned that they have two (2) 20,000 gal #6 oil ASTs on legs/saddles (not one 40,000 gal #6 oil UST as mentioned in PBS). this morning, he found 11,000 gal oil in south tank and now the south tank is full which means 9,000 gal #2 oil was delivered to the south tank. Frank mentioned that the spilled oil is completely contained inside the tank room and no odors in building other than basement. he also confirmed that no odors in adjacent school building. Frank mentioned that they will do necessary adjustment on boiler and will use the #2 oil delivered to the tank. asked him to stop further oil deliveries until the manway is fixed.

2nd floor 10019
Flora Buckley **property manager**
Ph. (212) 265-5868 (O)
email: fbuckley@bushterminal.com

Frank Arias **building super**
Ph. (212) 265-5868 (O)
(917) 399-1286
email: allpr4u@aol.com

2:57 PM;- sent email to Ms. Buckley with copy of PBS form and asked her to correct PBS information. also informed her that PBS registration expires on 12/02/2011. email copied to Frank and DEC Brian.

3:30 PM:- visited site. met Frank. inspected tank and boiler rooms for both apartment building and school building.
two 20,000 #6 oil ASTs on saddles are located in enclosed tank room within the boiler room. its same design for both buildings. boiler rooms for both buildings have common wall with access into each others area. all four tanks are located along the northern foundation wall of the buildings, along W 51st street. fill ports and vent pipes for both buildings are located on southern sidewalk of W 51st Street. tanks and boilers for both buildings are located in sub-basement (lowest point in buildings).

on street level, there is a private parking garage (ICON Parking) between the apartment building and school building. the school's tank/boiler rooms are located right underneath the apartment building area, east of private parking garage. no odors noticed in apartment building or in parking garage. the main school building is more than 500 ft west of their tank/boiler room.

both tank sets are located next to each other with a block wall in between. Frank mentioned that they are only using south tank and the north tank is completely empty, but not abandoned. north tank is ready to be used at any time. mixture of #2 and #6 oil spilled from a manway on top of south tank. as there is block wall on west and south side of tank room, oil seeped through block wall into apartment building's boiler room and into school's tank room. there is a sump located in northwest corner of the apartment's boiler room and minor oil found into this sump. there is another sump right across the wall from apartment's boiler room sump, in the northeast corner of the school's boiler room. no oil found in shcool's boiler room sump.

90% of the shcool's tank room is within the apartment's boiler room footprint. and that could be the reason for not having any oil in school's boiler room sump. Frank mentioned that the floor underneath the both tank/boiler rooms is more than 1 ft thick (the main floor for 38 floor apartment building).

Riteway crew was on site pumping oil from tank rooms. inspected remote fill port/vent pipe for both apartment building and school. no sign of any release at any fill port or vent pipe. asked Frank either to fix manway immediately or seal the fill port for south tank. Frank mentioned that Riteway will replace manway cover before leaving the site today.

during inspection of the school's tanks, found leak from manway of the north tank.

all the lines to and from both tank sets runs aboveground except part of remote fill line runs under sidewalk.

Frank mentioned that due to sidewalk shed along W 51st Street, no one from aprtment building noticed truck delivering oil to the tank.

based on available ACRIS record, entire site (including apartment building, parking garage and school) owned by NYC Dept. of Education and then the apartment building portion was leased to Hudsonview Terrace Apartment.

09/21/11-Hiralkumar Patel.
9:13 AM:- spoke with Frank. he confirmed that oil in apartment's tank and boiler room was cleaned yesterday and Riteway tank is on-site now to cleanup oil in school's tank room.

09/23/11-Hiralkumar Patel.
3:58 PM:- spoke with Pete at Riteway. he mentioned that spill in school's tank room is cleaned. but they are still cleaning up contaminated material (mostly dirt) in the building's tank room.

09/26/11-Hiralkumar Patel.
3:00 PM:- visited site. met Frank. inspected both tank rooms and boiler rooms. found mostly water inside the school's tank room and some minor oil droplets. found some oil in apartment building's tank and boiler room. no odors noticed in any area. oil found in basement could be oil left in block walls. asked Frank to have all oil cleaned up. he will talk to Riteway.

09/27/11-Hiralkumar Patel.
1:35 PM:- spoke with Pete at Riteway. he mentioned that Riteway crew is on site cleaning up the remaining oil.

10/20/11-Hiralkumar Patel.
1:12 PM:- spoke with Pete at Riteway who confirmed that cleanup was completed.

based on available information and observations during site visits, case closed.

Map Identification Number 454 **TRANSFORMER VAULT** **Spill Number: 1002582** **Close Date: 06/17/2010**
747 10TH AVE MANHATTAN, NY TT-Id: 520A-0253-014

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 564 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/07/2010		EQUIPMENT FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

10 gallons of unk oil in transformer vault

DEC Investigator Remarks:

6/17/10 - Austin - Leaking vault transformer drained and removed - Spill contained and cleaned up by Con Edison - see eDocs for more information - Spill closed - end

Map Identification Number 455 **IN FRONT OF** **Spill Number: 0910510** **Close Date: 02/16/2010**
811 10TH AVE MANHATTAN, NY TT-Id: 520A-0233-990

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 613 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERT	Contact Person Phone:	

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/25/2009		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	20.00	GALLONS	0.00	GALLONS	

Caller Remarks:

20 gallons went into transformer vault; contained; clean up will be scheduled; leak is ongoing; leaking at 1 gallon per minute

DEC Investigator Remarks:

Austin - 2/16/10 - Con Ed responded to smoking transformer - 45 gals. of oil had leaked out of unit - Spill contained and cleaned up by Con Ed analysis came back as 3 ppm PCBs - see eDocs for more info - spill closed - end.

Map Identification Number 456 **604 WEST 54TH STREET** **Spill Number: 9605385** **Close Date: 07/29/1996**
604 WEST 54TH STREET MANHATTAN, NY TT-Id: 520A-0096-189

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 669 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	ANTHONY CASALINO	Notifier Phone:	(718) 821-9040
Caller Name:	STEVEN RICH	Caller Agency:	CASTLTON ENVIRONMENTAL	Caller Phone:	(201) 291-0101
DEC Investigator:	O'DOWD	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/25/1996		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	100.00	GALLONS	100.00	GALLONS	SOIL

Caller Remarks:

LOCATION IS A NEW FORD DEALERSHIP UNDER CONSTRUCTION. DEMOLITION WORKERS RUPTURED 275 GALLON ABOVE GROUND TANK. SPILL CONTAINED WITHIN VAULT. BEING CLEANED UP BY NOTIFIER.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 457 **MANHOLE #62572** **Spill Number: 0401386** **Close Date: 08/20/2004**
11TH AVE/N50TH STREET MANHATTAN, NY TT-Id: 520A-0101-541

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 725 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: ELEVENTH AV / W 50TH ST
Revised zip code: 10019

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERT DESK - CON ED	Spiller Phone: (212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	TOM MARCINEK	Notifier Phone: (212) 580-6763
Caller Name:	TOM MARCINEK	Caller Agency:	CON ED	Caller Phone: (212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT DESK	Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/10/2004		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	500.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

COMING FROM A TRANSFORMER FEEDER THAT IS LEAKING: SPILL I SCONTAINED NO FIRE, SMOKE OR WATERWAYS: CON ED ON SCENE TO CLEAN UP AND CONTAIN

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
5/11/04: Spoke with John Tranchina (S&TO) - leak was a small weep which leaked over a long period. Amount of oil is less than 500 gallons (mostly water). A repair barrel has been welded. All contained in manhole and cleaned up. (JHO)

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e2mis no. 153269:

Opened Manhole 62572 and found approximately 527 gallons of dielectric fluid (DF100) in the manhole. The DF100 is leaking from a pipe connected to either Feeder M51 or M52.

Cleanup Activities: PLACED DRIP PAN, REMOVED/RECOVERED LIQUID/SOILDS, REMOVED VISIBLE TRACES OF OIL, WASHED STAINED AREAS. PER ABOVE NOTES, REPAIR BARREL WELDED ON.

Map Identification Number 458 **SKYLINE HOTEL** **Spill Number: 1010636** **Close Date: 01/26/2011**
725 10TH AVE MANHATTAN, NY TT-Id: 520A-0258-187

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 860 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	THE BUILDING	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	TOMMY - SUPERINTENDENT	Contact Person Phone:	(212) 586-3400

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/14/2011		EQUIPMENT FAILURE	NO	NO
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Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	1000	GALLONS	0	GALLONS	SEWER

Caller Remarks:

Tommy reported to Castle Oil over 1000 gallons in basement down the drain - No cleanup noted as of yet - possibly from a boiler malfunction

DEC Investigator Remarks:

spill from boiler on floor. approx 500-1000 gallons down drain. Surface cleanup is relatively small. Drain is believed to go to Amtrak tracks below. I spoke with AMtrak rep who walked the tracks. they found no oil. DEP was informed and surface spill was taken care of. Followup for closure.

Release to city sanitary system. Surface cleanup complete and repairs have been made. Spill closed.

Map Identification Number 459 **WEST 49TH STREET STATION** **Spill Number: 9814823** **Close Date: 07/30/2003**
637 WEST 49TH STREET MANHATTAN, NY TT-Id: 520A-0099-891

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W.49TH STREET
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	BILL MURPHY - CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR CROWE	Notifier Phone:	(212) 580-6763
Caller Name:	BILL MURPHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/13/1999		EQUIPMENT FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

TRANSFORMER FAILURE AT ABOVE LOCATION. AMOUNT ESTIMATED AT 1 OUNCE.

CLEAN TO FOLLOW TESTING. REPAIRS HAVE BEEN MADE .

NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Con Ed e2mis #123609:

3/13/99 1620hrs

1oz transformer oil leak from TR#3 (345kVa) Found during routine inspection. Leaking from radiator valve. Leak on concrete.
In the process of repairing radiator valve. Placed pads.

Cleanup completed 3/13/99 1635hrs by transformer group mechanic. Mechanic also tightened the valve and stopped the leak.

DEC Notes:

1/7/03 Inspected and found no evidence of leak. (KMF)

Map Identification Number 460 **49TH ST S/S** **Spill Number: 9504329** **Close Date: 07/12/1995**
13TH ST & 49TH ST MANHATTAN, NY TT-Id: 520A-0099-906

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W 49TH ST
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	ENGELHARDT	Caller Phone:	(212) 580-6764
DEC Investigator:	CAENGELH	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/11/1995		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	450.00	GALLONS	0.00	GALLONS	SOIL
DIELECTRIC FLUID	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

UNKNOWN ABOUT WATERWAYS - HAVE NOT LOCATED SOURCE YET.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
7/12/95: Richard Roach, CIG - feeder M54. Leak in heat exchanger at 16th St. S/S. Heat exchanger is a closed system - no release to the environment.

Map Identification Number 461 **TRANSMISSION FEEDER** **Spill Number: 1005342** **Close Date: 07/27/2011**
637 WEST 49TH STREET SUBSTATION MANHATTAN, NY TT-Id: 520A-0255-640

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category:	Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class:	Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/11/2010		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	300.00	GALLONS	0.00	GALLONS	

Caller Remarks:

DETAILS UNKNOWN, SPILL POSSIBLY TO SOIL, POSSIBLY TO WATERWAY HARLEM RIVER-UNSURE AT THIS TIME. LEAK ESTIMATED TO BE ABOUT 150 GALLONS PER HOUR-300 TOTAL AT THIS TIME, CLEANUP PENDING FURTHER INFORMATION.

DEC Investigator Remarks:

as of 7am.
High levlels of tracer gas found. No product. Sedgewick and Saxxon, Moushoulo Pkwy.

reduced pressure. 178 gal/ hr. 2300 gal. total.

crews onscene.

5/19/11 - Austin - Con Ed submitted "final" EMIS - only provided narrative of contamination dig-out, with no lab data or scaled site map showing sample points - Con Ed told to submit info via e-mail - end

7/27/11 - Contacted Piper, after Con Ed re-submitted request for closure of this spill in 6/11. He indicated that spill could be closed, based upon what had been submitted. Spill closed - end

Map Identification Number 462 **FEEDER** **Spill Number: 0913693** **Close Date: 04/22/2010**
637 W/49TH ST MANHATTAN, NY TT-Id: 520A-0248-567

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/26/2010		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	300.00	GALLONS	0.00	GALLONS	

Caller Remarks:

leak in feeder that runs between manhattan and westchester county, showing a loss of 205 gallons in tank at 637 w 49th st in manhattan exact location of leak is unkown at this time.

1210 pm - Neal called - UPDATE - 300 gallons of Dielectric Fluid in a Manhole #62565 - Intersection of 101st and Western Ave in Manhattan

DEC Investigator Remarks:

03/26/10-HRAHMED-Spoke to ConEd ERT. Leak was discovered in feeder line M52 at 07:15 AM on 03/26/10. An off line analysis indicates a loss of approx. 205 gal at a leak rate of 2.8 gal. per minute. PFT vans are searching for the leak from W49th St. Substation to Sprainbrook Substation. Kaynes Marine is hired for searching any release in Harlem River between Hamilton bridge and Broadway brige. The location of the leak is still unknown.

As per conEd, a leak in the return line of feeder was discovered in Manhole #62565 at the Intersection of 101st and Western Ave in Manhattan. 300 gallons of Dielectric Fluid is contained in the Manhole. The leak has been clamped. ConEd took samples to characterize the fluid and will eventually pumped out the manhole.

04/16/10-HRAHMED-case transfer under Feroze, Mohammad for routine closure.

4/22/10 - Austin - Actual amonut lost to manhole was 230 gals. - spill contained and cleaned up by Con Ed - see eDocs for more details - Spill closed - end

Map Identification Number 463 **WEST 49 SUB STATION** **Spill Number: 0908206** **Close Date: 01/14/2010**
637 W 49TH ST MANHATTAN, NY TT-Id: 520A-0233-947

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/21/2009		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	300.00	GALLONS	0.00	GALLONS	

Caller Remarks:

equioment failure leaked onto concreate clean up will resume when feeder is turned off.

DEC Investigator Remarks:

01/15/10-HRAHMED-Responded to the site on 10/21/09. Met with coned Mahoney. Coned put absorbent pad on the spill. Spill was on crecrete and contained. Cleanup will be done by coned crew. Spoke to Mahoney next day. ConEd cleaned spill from the concrete floors.

1/14/10 - Austin - Spill cleaned up and contained by Con Ed - see EDocs files for further info - spill closed - end

Map Identification Number 464 **WEST 49 ST S/S. FILL LINE LEAK.** **Spill Number: 0710715** **Close Date: 03/13/2008**
637 WEST 49 STREET MANHATTAN, NY TT-Id: 520A-0211-258

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1013 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 637 W 49TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERTSDESK - CON EDISON S/S		Spiller Phone: (212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:			Notifier Phone:
Caller Name:		Caller Agency:			Caller Phone:
DEC Investigator:	gdbreen	Contact for more spill info:	ERTSDESK		Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/10/2008		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	2000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

unknown what is going on: gauges are being tested, not sure if it is a real spill: still investigating: feeder related:

209430

DEC Investigator Remarks:

There are currently two separate spills involving W49 Street S/S; 0710712 and 0710715.

Two separate feeders are involved: M54 and 38M72/44.

Based on modeling, ConEd has just started digging on 11 Avenue between W49 and W50 Streets. Leak rate estimated to be 13 gallons per hour for a release of 460 gallons from M54. This is spill report 0710712. It was called in at 2:49 AM. ConEd reported a visible release inside the W49 Street Substation and mentioned a possible feeder leak.

The second spill report, 0710715, was called in at 7:23 AM. ConEd considers this a pump house inventory discrepancy involving feeders 38M72 and 38M44.

1/11/08. Report from Mike Pillig by telephone. The breach was located in a three-inch fill line that serves the substation's five pump houses. The breach is below the substation floor, which is eight to ten inches thick. The initial estimate is that 2000 gallons has been released beneath the substation. Chad Pfeiffer and Chris Cotronei will direct the remediation effort as a substation project.

1/16/08. Chad reports by telephone that the fill line has been repaired. All three fill lines passed pressure testing. Chad excavated down to five feet and took samples. Chris has photographs.

Chad Pfeiffer: 646-235-0196.
Mike Pillig: 347-386-5506
Chris Cotronie: 347-203-4225

209430. see eDocs

1/16/08: e-mail from Con Ed (Cotronei):
"Here is a little update on the pump house 4, 5, 6 fill line spill. The engineers are still finalizing the numbers, but it looks like we lost 2,850 gallons of dielectric fluid. Once a discrepancy was observed, all the valves that fed the suspect pipe were closed to no longer contribute fluid to the leak.

"We declared a leak on the fill line at approximately 1710 on 1/10/08 (Th). This was after many test to ensure that our equipment was measuring properly. Once a leak was declared we devised a plan to break the concrete above the 4 way joint in tr 4 vault near the fill port to
split the fill line into 4 pieces for drop testing each segment to determine direction. Once the leaking section was determined, the next elbow / tee would be exposed on the leaking line to break the line to drop check.

"By chance the first place we broke the concrete we discovered oil at approximately 0330 on 1/11/08 (F). Despite their being no flow out of the pipe, it was exposed and clamped by approximately 0720 on 1/11/08 (F). Throughout Friday Safeway and ASPV worked to expose enough pipe for S&TO to make permanent repairs. Permanent repairs and a drop checked were completed at 2030 on 1/11/08 (F).

"Safeway and ASPV worked from 2030 on 1/11/08 (F) to 2100 on 1/12/08 (Sa) to enlarge the opening in the concrete to 9' by 15'. Approximately 4' of sand and soil were removed from the excavation.

"At approximately 2100 on 1/12/08 (Sa) I sampled 12 locations for TPH 8100 (modified) to determine the remaining level of contamination. We are supposed to have these results tonight. I will forward them when I have them. See the attached sampling grid for locations.
* All samples were from the top approximately 6" of material
* All samples were primarily soil
* Samples 1, 2, 3 and 11 collected approximately 4' below the top of the concrete
* Samples 4, 5, 6, 7, 8, 9 an 12 collected approximately 5' below the top of the concrete
* Sample 10 collected approximately 2' below the top of the concrete
* Sample 11 collected approximately 5' below the top of the concrete

"As of 1/12/08 (s) at 2200 we removed approximately:
* 5 yards of reinforced concrete (9' * 15' * 1')
* 20 yards of soil and sand (9' * 15' * 4')
* 6.5 yards of clean bluestone removed for access (18' * 20' * 0.5')
* 4 vac boxes were utilized"

Pictures:
Initial contamination and leak location in early AM on 1/11/08 (F)

<<found leak - looking south under concrete.JPG>>
<<initial contamination at joint 2.JPG>>
<<initial contamination at joint - looking under fill port.JPG>>

Excavation at 1900 hours on 1/12/08 (S)
<<looking east.JPG>>
<<looking east top.JPG>>
<<looking north.JPG>>
<<looking north close.JPG>>
<<looking south.JPG>>
<<looking south at drain pipe and 2 fill pipes.JPG>>
<<top looking north west.JPG>>
<<west wall north side close.JPG>>

See eDocs for attached pictures. (Breen)

1/24/08: e-mail from Con Ed (Cotronei):
"On Tuesday we had ASPV remobilize on the site to continue remediation of the impacted area based upon engineering's constraints. After three days of work this week we completed the following:
* All remaining areas of the open concrete were excavated to approximately 5' below the top of the concrete.
* An area of approximately 6 1/2' wide and 4' under the concrete was excavated to 5' below the top of the concrete. This concrete that was undermined was braced with 4" by 4" timbers.
* Within the open concrete area we excavated another 18" of material out of the center area coming approximately 2' away from all walls and support structures.
* Covered the excavation with plastic to prevent water from saturating it.

"Going forward we will be talking to engineering about installing sheeting and shoring to excavate deeper in the center area as it is still contaminated. By sloping the
material we are not removing nearly as much impacted material as is possible. We will let you know when we receive information back from engineering."

<<excavation looking north 012408.JPG>>
<<area under concrete 012408.JPG>>

See eDocs for attached photos. (Breen)

1/31/08: Site visit with Con Ed (Cotronei, Pfeiffer and Pillig) - excavation is at approx. 5 feet below grade. Con Ed engineering is designing a shoring plan to allow additional excavation. (JHO)

3/4/08: e-mail from Con Ed (Cotronei) transmitting results of post-excavation sampling. Requested site sketch, which was later e-mailed by Con Ed (Chad Pfeiffer). Results indicate there are still areas that exceed the cleanup criteria, however Con Ed Engineering states that no additional soil can be removed in those areas. See eDocs for results and sketch. (JHO)

3/4/08: E-mail from Cotronei:

"We completed additional work at W49th St. We had sheeting and shoring installed and were able to excavate deeper. In all we excavated approximately 4' of material below the 1' of concrete. This final depth was given to us by engineering with the primary concerns being the
building on the west side and the concrete buttress of the east side of the excavation. The buttress is part of the structural support for the weight of the transformer and switchgear.

"Once we hit the final depth we had Jacques Whitford sample the area. All except one of the floor results are below 10000 ppm. 7 of the 12 samples taken from the wall area were below 10000 ppm. The remaining five were all under 22000 ppm."

Later the same day, received clarification e-mail from Pfeiffer based on inquiry from DEC:
"Sample locations PE-1 through PE-6 were collected on the sidewalls of the excavation and then cored into the sidewall, usually around 1.5 feet laterally into the wall. They were all taken around 6-10" above the excavation floor.

"The east and west sidewalls of the excavation that were sampled are soil supporting concrete beams (for the vault wall on the west side and the transformer foundation/pothead stand on the east side). See the attached sketch of a sideview of the east wall with the vault floor on
top, the concrete supporting beam beneath that and the soil supporting the beam below that. There is a similar setup on the west wall.

"Engineernig has told us that we cannot remove soil beneath the beams without risk of undermining. We also cannot dig any deeper without providing structural support to the sidewalls, current timber sheeting/shoring will not be adequate to support the sidewalls any
deeper.

"We have not encountered groundwater in the excavation and we we get to final restoration of the area, the solid concrete floor will be poured and tied into the existing vault floor. All precipitation landing in the vault goes into the station drainage system which leads to the
oil/water separator. The area will essentially be capped with no water draining into the soil."

See eDocs for sampling map and lab results.

Based on engineering restrictions, no further excavation can be done. Area will be capped with concrete. Close. (JHO)

Map Identification Number 465 **855 TENTH AVENUE** **Spill Number: 9910605** **Close Date: 01/04/2000**
857 10TH AV MANHATTAN, NY TT-Id: 520A-0093-861

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1150 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 857 10TH AVE
Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL) Spiller: DON - CBS INC Spiller Phone: (212) 975-2811
Notifier Type: Other Notifier Name: Notifier Phone:
Caller Name: PETER LEPORE Caller Agency: PETRO OIL Caller Phone: (718) 628-3348
DEC Investigator: SIGONA Contact for more spill info: CBS INC Contact Person Phone: (212) 975-2811

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/06/1999		TANK OVERFILL	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ALARM ON TANK WAS BROKEN AND THE SPILL ENTERED A VAULT. CLEAN UP BEING DONE BY MILLER EVIROMENTAL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 466 **CBS** **Spill Number: 9910603** **Close Date: 12/29/1999**
855 10TH AVE MANHATTAN, NY TT-Id: 520A-0093-859

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1150 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL) Spiller: RICHARD SHERIDAN - CBS Spiller Phone: (212) 975-8143
Notifier Type: Citizen Notifier Name: Notifier Phone:
Caller Name: ANONYMOUS Caller Agency: CITIZEN Caller Phone: (000) 000-0000
DEC Investigator: SIGONA Contact for more spill info: RICHARD SHERIDAN Contact Person Phone: (212) 975-8143

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
12/06/1999		TANK OVERFILL	2-601742	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER IS A CONTRACTOR ON SITE - UNK HOW THE SPILL OCC'D - CALLER

STATES IT IS IN THE BASEMENT - PETRO OIL IS ON THE SCENE

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

DEC SIGONA RESPONDED ON 12/6/99 AND confirmed that new tank was overfilled by oil company. CBS accepted responsibility and hired Miller Environmental to cleanup spill. Spill contained in secondary containment vault. Area was vented by fans installed by Miller. Cleanup completed on 12/7/99.

Map Identification Number 467 **PASSENGER SHIP TERMINAL** **Spill Number: 0003597** **Close Date: 07/12/2000**
711 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0093-888

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1193 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 711 TWELFTH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	VESSEL	Spiller:	BIG RED BOAT II	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	BRIAN HUGHES	Notifier Phone:	(212) 246-5450
Caller Name:	ARTHUR BOYLE	Caller Agency:	ITO AT NYC PASSENGER TERM	Caller Phone:	(212) 246-5450
DEC Investigator:	SIGONA	Contact for more spill info:	ARTHUR BOYLE	Contact Person Phone:	(212) 246-5450

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/23/2000		EQUIPMENT FAILURE	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. MILLER/STATEN ISLAND

ON SCENE AND ATTEMPTING CONTAIN MATERIAL. COAST ON SCENE. NO CALL

BACK REQUESTED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 468 **PASSENGER SHIP TERMINAL** **Spill Number: 0003583** **Close Date: 07/12/2000**
711 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0093-889

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1193 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 711 TWELFTH AV
Revised zip code: 10019

Source of Spill: VESSEL
Notifier Type: Affected Persons
Caller Name: ARTHUR BOYLE
DEC Investigator: SIGONA

Spiller: INT'L SHIPPING PARTNERS - BIG RED BOAT II
Notifier Name:
Caller Agency: ITO AT NYC PASSENGER TERM
Contact for more spill info: ARTHUR BOYLE

Spiller Phone: (305) 573-0355
Notifier Phone:
Caller Phone: (212) 246-5450
Contact Person Phone: (212) 246-5450

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/23/2000		HUMAN ERROR	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

OIL SLICK FOUND IN WATER BETWEEN ABOVE PIERS.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

On June 23, 2000, DEC (Sigona) responded to a complaint of a 150 gallon spill of fuel oil into the Hudon River at the Passenger Ship Terminal between Piers 88 and 90, at 711 12th Avenue, Manhattan. Upon arrival it was determined that the Big Red Boat II had spilled oil into the river from one of the portals on the Starboard side of the vessel. USCG (Hudman) could not obtain a confession from the Captain over the cause of the release. The Captain of the Bid Red Boat authorized the cleanup and copperated with USCG requirements for boom deployment. Miller Environmental Group deployed 500 feet of hard boom along the warf, and 2,000 feet of sweep along the warf and adjoing Piers Nos. 88 and 90. The sides of the vessel were stained, and some pockets of free product collected along the south side of the warf, as the tide washed up from the Hudson.

USCG (Hudman) indicated that the vessel was required to post a $11,000 bond which would be held by the Federal Government until the violations for the allleged discharge were resolved. The USCG provided oversight for the cleanup which continued on Saturday June 24, 2000, when the vessel was scheduled for departure.

Map Identification Number 469 **PIER 92** **Spill Number: 0230010** **Close Date: 09/19/2003**
WEST SIDE HWY MANHATTAN, NY TT-Id: 520A-0093-904

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1379 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: W SIDE HWY
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	NYC OEM	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	NYC OEM	Notifier Phone:	(212) 374-5500
Caller Name:		Caller Agency:	NYC OFFICE OF EMERGENCY M	Caller Phone:	
DEC Investigator:	TJDEMEO	Contact for more spill info:		Contact Person Phone:	

Category: Investigation indicates there was no spill.
Class: Any Type of RP, Including No RP - DEC Field Response - Corrective Action Not Required or Not Possible

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/31/2001		ABANDONED DRUM	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Abandoned drums left at pier from vehicle maintenace activities, for WTC event. Possibly belonging to US Army.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
9/19/03 TJD

EPA contactor removed and disposed of drums with bulk disposal shipment. No further action required. Spill closed

Map Identification Number 470 **PIER 92** **Spill Number: 0202149** **Close Date: 06/10/2002**
50TH ST/HUDSON RIVER MANHATTAN, NY TT-Id: 520A-0093-903

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1379 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 50TH ST / HUDSON RIVER
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	NATIONAL GUARD	Spiller Phone:	
Notifier Type:	DEC	Notifier Name:		Notifier Phone:	
Caller Name:	JEFF VOUGHT	Caller Agency:	DEC	Caller Phone:	(917) 217-8241
DEC Investigator:	JBVOUGHT	Contact for more spill info:	ANTHONY CAPUTO	Contact Person Phone:	(212) 246-5450

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/30/2002		ABANDONED DRUM	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	110.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 ABANDONED 55 GAL DRUMS ABANDONED ON PIER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
Drum Emptied 5/30/2002

Ref #9930008

Pin #01036

Map Identification Number 471 **W. 47TH ST/W. SIDE HGWY** **Spill Number: 9504912** **Close Date: 10/08/2008**
W. 47TH ST/W.SIDE HGWY MANHATTAN, NY TT-Id: 520A-0093-848

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 12TH AVE/ WEST 47TH ST
Revised zip code: 10036

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	KINT OF AMERICA/MYRNA 47	Spiller Phone:	(212) 302-2234
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	ANDRE MERRICK	Caller Agency:	NYCDEP	Caller Phone:	(718) 595-6700
DEC Investigator:	SRPAIGE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/23/1995		EQUIPMENT FAILURE	NO	YES

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

STORM WATER REGULATOR ON WEST SIDE HWY & 47 ST HAS FLOATING WASTE OIL. SLIGHT SHEEN ON RIVER, TRACED BACK TO ARIO'S AAA TAXI GARAGE.USCG & IWCS ON SCENE. DEC CALLED CONTACTOR - NO RESPONSIBLE PARTY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
09/12/95: W.O. TNK IN BASEMENT OVERFILLED, INTO DRAIN, SEWER, RIVER. KINT DId NOT TAKE RESPONSIBILITY, OWNER MYRNA 47 REALTY, SENT LOR, and offered 30 day grace period for payment prior to starting a PIN. Spoke with Slavik Gossman (212) 768 - 7540 who said he represented the owner and would provide payment, sixty days later, never paid. Opened PIN (# 94352) to pay MILRO.

12-07-95 Got call from Sam at the Sunoco (adjoining property). Sam says that he is getting sued by owner, and has already paid owner over $ 3,000 dollars for the cleanup, but owner never paid MIlro.

5/12/04 - AUSTIN - TRANSFERRED FROM MULQUEEN TO TIPPLE - END

8/23/05 - Raphael Ketani. Case transferred to Jeff Vought.

07/25/08-Vought-Spill reassigned from DEC Vought to DEC Ketani as per DEC Austin.

10/8/08 - S. Paige conducted Technical Review of spill file.

Source of release was an automotive repair shop in operation at 602 West 47 Street, Manhattan. Waste oil was being discharged into a defective aboveground storage tank (AST) system in the basement of the repair shop. Oil overflowed from the AST and discharged into drain in the basement which then discharged into the storm sewer leading to the Hudson River.

M. Mulqueen (DEC) called out Milro Associates to contain the spill. Contractor vacuumed out storm drains and waste oil tank, placed booms in drains, and placed pads and speedy dry down in basement around tank area. Milro then transported and properly disposed of emulsified product at a disposal facility.

A review of the spills database showed that no other spills are open in close proximity to this site as of 10/8/08.

Given the age of the spill, readily available documentation and completed cleanup activities, no further action is required at this time.

Map Identification Number 472 **MANHOLE #61724** **Spill Number: 0202886** **Close Date: 10/13/2006**
12TH AVE-S OF W47TH ST MANHATTAN, NY TT-Id: 520A-0093-850

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 12TH AVE/ WEST 47TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	BILL MURPHY	Notifier Phone:	(212) 580-6763
Caller Name:	BILL MURPHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/19/2002		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1,000 GALLONS ON 2,000 GALLONS OF WATER. VENDOR HAS BEEN NOTIFIED FOR CLEANUP. SAMPLES TAKEN FOR PCB AND FOR FURTHER INVESTIGATION.

CLEANUP TO BE DONE 50 TO 499 PPM PCB. MANHOLE CONTAINS DIELECTRIC FLUID FILLED FEEDER CABLES M54 AND M55. FEEDERS ARE NOT LEAKING.

CON ED #143435.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

6/19/02, 1230 hrs: Met at site with Joe Browne (UT supervisor) and David Duke (ERT). Material visually appears to be cable oil - samples taken for PCB and oil ID. Manhole is in center lane of 12th Ave./West Side Hwy. Lane is closed by Con Ed truck with flashing arrow and cones. Con Ed tanker arrived soon after I did - 4,000 gallon capacity. Using graduated stick and water-finding paste, estimate approxiamtely 800 gallons oil and 4,000 gallons of water. Tanker began pumping at about 1:15 PM. Will take several hours and another tanker to remove liquids. Clean Harbors will then clean the manhole so that crew can assess equipment to see if there is a leak. According to Joe Browne, there is no pressure drop on either feeder. This is probably a long-term,

low-volume leak from a fitting. DEP IWCS (Andrew Kelly) and Haz Mat (Chris Haas) also stopped at location to get update. (JHO)

6/20/02, 1540 hrs: spoke with Joe Browne. They pumped out and cleaned manhole, but found no evidence of a leak. They have obtained an emergency DOT permit to begin excavating end walls to check for leaks. (JHO)

6/21/02: Met with John Tranchina and Joe Browne. North end of manhole has been dug out. Leak was found in manhole sleeve. Small leak, low volume (slow leak) over time. No visual contamination in excavated area, but Tranchina reported some odor in soils. Will collect soil samples from floor, walls for TCLP benzene and TPH modified 8100. (JHO)

7/9/02: lab results for soil samples submitted by John Tranchina. Two of 10 locations still had high TPH after 6/21/02 sampling event. Tranchina excavated more soil and re-sampled the two locations on 6/28/02 - still very high TPH. (JHO)

7/17/02: Spoke with Tranchina - Locations 5 and 6 will be excavated additional 6" to 1'. Will collect samples and backfill. 2nd set of samples had higher TPH results than first set.(JHO)

10/13/06: Con Ed submitted report (see eDocs) documenting additional cleanup and sampling. Close. (JHO)
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e2MIS no. 143-435:

On June 19, 2002, J. Browne, CCI, 78774 of Transmission Operations reported that while preparing for installation of a cathodic testing station at manhole 61724, feeder M54/M55 he discovered approx. 1000 gallons of unknown oil and approx. 2000 water. All substance contained in manhole. Chem Lab is at the site and will be taking samples. Source of spill and cause of spill is unknown at present. No sewer, waterway or private property affected. No smoke, fire, injuries or outside impact. Clean Harbors has been notified to report to the site. Tag no. 4259 will be hung in manhole. Treating as 50-499ppm.

UPDATE Per B. Byrne, Supervisor, 54151, 06/19/02 a crew was on site to check manhole. 06/20/02 - NYSSEC & NYSDOT was to meet with Construction Management to discuss permits and how to proceed with the remediation.

15:00 - 06/20/02 excavation began

06/21/02 - at present no leaks has been found on the North end, going to break out the wall to check the pipe in the wall.

Update: 06/21/02 15:40 hrs. Project Mgr. Mr. J.Farina # 75798, of transmission Operations
Reports that in M-61724, tanker pumped approx 2,000 gallons of water and approx 1,000 Of oil.
Clean Venture has removed approx. 30 yards of soil from the excavation.

PCB Concentration 6PPM
NO LEAK FOUND IN MANHOLE, LEAK FOUND ON THE SLEEVE OUTSIDE OF MANHOLE. -

Chem lab reported 02-05803-001 for PCB at 10 sample locations
Chem lab reported 02-05804-001 for TCLP Benzene and TPH at 10 locations.
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Map Identification Number 473 **59TH ST GEN STATION** **Spill Number: 0304668** **Close Date: 06/02/2005**
820 12TH AVE MANHATTAN, NY TT-Id: 520A-0098-943

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1761 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR WALLAR	Notifier Phone:	(212) 580-6763
Caller Name:	PAUL DIDONATO	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	PAUL DIDONATO	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/02/2003		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	2000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

OIL CONTAINED IN CONTAINMENT ROOM. NO SMOKE, FIRE OR WATERWAYS AFFECTED. CALL UPDATED AT 20:53 8/2/03 - AMT SPILLED ESTIMATED

FROM 1000 TO 2000 GALLONS. CON ED #149620

DEC Investigator Remarks:

E2MIS 149620

08-02-2003
At 1728 hours K. Paul while making his rounds noticed fuel oil in the basement. He immediately informed Shift Supervisor J. Waller. He together with the relieving Supervisor rushed to the basement and ordered the Operators to shut down the Sump Pit pumps and the Fuel Oil Pump. On further investigation, there was approxiametely a total of 1000 gals. of #6 fuel oil in the tank room and in the area approx. 20 feet north of fuel oil room. The oil had gone into the drain gutters but had not as yet gone into the Oily Water Seperator. There was no oil in the river or the street. The suction fusable link valve failed on tank #4 and the oil overflowed from that tank. Arrangements were made by ERT to have vendor come in to start clening up. The station Environmental Mgr. and the station Ops. Mgr. is in the station managing the spill. Vendor ALL STATE in station at 1924 hours to start cleanup.

Report entered by Mario de Corla-Souza for Jerry Waller. 20:35 REVISED SPILLAGE AMOUNT TO 2000 GALLONS AFTER MEASUREMENTS OF OIL ROOM WHERE TAKEN.

08/03/03 Update:
All State Power Vac in station cleaning up area by # 6 FO Tank Room and FO tank Room. Working 12 hours shifts round the clock until further notice. Miller Environmetal Group in station clean up area by #7 Surge Tank and Self Service area. Working 12 hours shifts round the clock until further notice. Slight amount of #6 oil found in #1 compartment of East OWS. All sump pums are shut down and the OWS are held off. Jei Zhao of NYSDEC in station from 0930 to 1100 to tour site with ERT Dave Kindberg and Steve Martis. She left with no major issues.

Station maintaining modified ICS. IC - Shift Supervisor; Operations/Logistics - from Maintenance Staff; Planning/Safety - from EHS Staff. Watches are 12 hour shifts around the clock until further notice.

19:00 03-AUG-2003 further inspection proved that no o&g/sheen entered river tunnels. trench/sump/ows system re-established with pumps in auto. some sump flooding requires
additional pump pm. plan made to reroute fo htexchngr stm condensate with hose to east trench. discharge piping from sump south of fo tank room must be replaced. cleaning and waste storage/removal continuing with meg and allstate. all waste nonhaz. final root cause of tank valve failure/spill with corrective action still being investigated. ows tank will be continuously monitored.

8/5/03 @17:00-area 1 south of tank room 95% clean except for trench replacement gratings and sump. tank #4 90% clean but residual oil from soaked insulation will make another spray wash cleaning necessary tomorrow. pads placed around bottom base of all tanks will be changed out regularly. area 2 by twall completed by meg and barrier tape removed. new trench gratings were placed and oil contaminated pallets will be plastic wrapped and placed in vendor lined dumpster tomorrow. vac trucks will be removed from 58th street this evening and no night shift cleaning planned.

Update: 01-MAR-2005 by J. Burke
Area #2 (by 7 Surge Tank) cleaning was completed on 8/5/03. Area #1 (south of Fuel Oil Room) and Area #3 (FO Room) cleaning was completed by 17:00 on 8/12/03. All debris was removed and disposed as non-hazardous waste of by All-State PowerVac and Miller Envr. Group.
ROOT CAUSE: Initial leakage was caused by the combined failure of fusible link on #4 FO tank suction valve and failure of #4 FO Tank level indication. With the FO system recirculating oil to the burner fronts, oil was entering the #4 FO tank but not being removed, which resulted in the tank overflow.
Oil escaped from the FO room because of an unknown leak in the FO Tank Room south wall.
CORRECTIVE ACTION: After consulting the OEM, the fusbile links on all the #6 FO tanks were replaced with a higher rated link, and the links are replaced on
an annual basis.
The #4 FO tank level indicator was repaired.
The hole in the south wall of the #6 FO Room was repaired with an expoxy patch and tested for leaks.
All repairs were completed.
This incident is being resubmitted to the NYSDEC for review and closure.
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DEC Inspector Notes:
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Arakhan 8/8/03 Based on site inspection and interview with Nelayne Rios, EHS Manager, it was determined that the spill was caused by operator error. The tank #4 fuseable link failure alarm was misinterpreted by the operator as instrument error; the operator failed to verify absence of spill condition. The resulting spill escaped the secondary containment through a separation between the shop floor and the secondary containment wall. At the time of inspection, only the east compartment of the oil/water separator was in service; wastewater was being pumped into the o/w separator by manual switching. Con Edison is investigating the circumstances of this spill and will submit a report to the Department. (SKA)

Arakhan 8/14/03 Site inspection at 1:45 PM today revealed an approximately 2-inch wide, 2-inch deep crack in the floor next to tank #4. The crack continues through the wall via a hole which is approximately 1 1/2 inch in diameter. The floor drains covers in the affected have been replaced and overhead piping from the nearest sump have been cut and capped; the piping will be replaced soon since it contains oil. The fusable link to tank #4 has been repaired and the tank has been returned to service; the insulation around the tank is oil-soaked and continues to drip onto pads on the floor. The facility's oil/water separator has been returned to service since approximately 8/5. (SKA)

Map Identification Number 474 **59TH GENERATION SUBSTATIO** **Spill Number: 9711409** **Close Date: 01/30/1998**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-746

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ABOVE CALLER - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	MR MISCIONE	Notifier Phone:	
Caller Name:	FRANK MASSERIA	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ABOVE CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/11/1998		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

gasket let go spill in substation only on ground spill contained and cleanup in progress

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 475 **59TH STREET GEN STATION** **Spill Number: 9314312** **Close Date: 03/29/1995**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-771

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	SAME	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	JOE DE VINNY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	CAENGELH	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/07/1994	03/29/1995	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	500.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

FUEL SPILLED DURING CARGE TO CARGE TRANSFER, CALLED CONTRACTOR BOOMED OF THE AREA - NO OTHER AGENCIES NOTIFIED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
3/7/94: made visit to site. USCG, MEG Con Ed and NYCDEP on scene. Miller Env was cleaning up the spill. About 150 gallons spilled in water and about 350 gallons on deck of barge. (AZ)

3/10/94, 2:56 PM: Spoke to Mr. Brennen of 59th St. GS by phone. 350 gal spilled on barge, 150 gal in water. Everything is cleaned up except the bottom of the pier which will be cleaned tomorrow at low tide. (CAE)

3/11/94, 11:11 AM: Spoke with USCG. They are going to inspect clean up today at 1:00 PM - will meet them at scene. NOTE: Coast Guard never showed (see below).

3/11/94, 1:15 PM: met at site with Gaylord Hansen of MEG - he estimated 2500 to 3000 gallons spilled. Taken out in bags (3 x 20 yard rolloffs). The high-high alarm probe was known to have been malfunctioning since October '93. Also, there is a block valve for the #2 starboard chamber that was known to be defective for about 2 years. This valve is what caused the spill.

Most of the oil has been cleaned up. Gaylord sent crew under dock to remove any oil they could from there. It was coming off in chunks. Gay;ord wants to clean in between the barge and the dock (north side) but they have not been able to get approval to put "camel" blocks between the dock and barge to keep the barge from cruching workers.

Spoke with Bill Burkett - plant manager. Told him we needed to get that area cleaned. He seemed cooperative. (CAE)

3/14/94: Retrievied message left on 3/13 - Gaylord Hansen says USCG has inspected area and given approval of cleaning but has not inspected north face of the dock. Gaylord will be demobilizing clean up team. (CAE)

3/24/94: visited site - saw small patches of #6 oil on north face of dock and on barge. When returning to office I made appointment with Petty Officer Lopez and Bill Burkett to inspection on April 4 @ 11 AM. Afterwards spoke with Gaylord Hansen - he told me that MEG did in fact clean the north face on Monday 3/14 aftre last minute change-of-heart by Con Ed. He said the Coast Guard came down that morning and re-opened the case. USCG inspected dock after MEG was done and approved clean up, saying it was as clean as they could expect. (CAE)

03/29/95: CON SUBMITTED REMEDIATION CERTIFICATION ON 2/2/95 AS PER CONSENT ORDER REQUIREMENTS. CLEANUP COMPLETED BY MEG ON 3/24/94. INSPECTED AND APPROVED BY USCG.

Map Identification Number 476 **59TH ST. GEN STATION** **Spill Number: 9109326** **Close Date: 06/16/1998**
12TH AVE / 59TH ST MANHATTAN, NY TT-Id: 520A-0099-752

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 460-4833
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:	CHRISTIANSEN	Caller Agency:	USCG	Caller Phone:	(212) 668-7920
DEC Investigator:	CAENGELH	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/02/1991		EQUIPMENT FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

LEAK FROM SUMP PUMP./REFFERED TO SPDES TIM BURNS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
11/18/94: REASSIGNED FROM SIGONA TO ENGELHARDT ON 11/18/94.

10/10/95: This is additional information about material spilled from the translation of the old spill file: LUBE OIL, PINT

Map Identification Number 477 **59TH ST & 12TH AV/CON ED** **Spill Number: 9002737** **Close Date: 08/04/1990**
59TH ST & 12TH AVENUE NEW YORK CITY, NY TT-Id: 520A-0099-751

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: Spiller Phone:
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: NAT HAWORTH Caller Agency: CON EDISON Caller Phone: (212) 580-6763
DEC Investigator: JAMES Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/10/1990	08/04/1990	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

HOSE RUPTURED, SPILL ONTO RIVER, NYCFD ON SCENE, USCG NOTIFIED, BOOMS PLACED & CONTRACTOR NOTIFIED, MPC ON SCENE DOING WORK, DEC INVESTIGATED, SPILL CLEANED UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 478 **850 12TH AVE/CON ED PIER** **Spill Number: 8807802** **Close Date: 12/26/1988**
850 12TH AVENUE NEW YORK CITY, NY TT-Id: 520A-0099-774

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SOUTH FILL Spiller Phone: (212) 315-6759
Notifier Type: Federal Government Notifier Name: Notifier Phone:
Caller Name: MR.HUGHES Caller Agency: USCG Caller Phone: (212) 668-7920
DEC Investigator: JCGRATHW Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/24/1988	12/26/1988	HUMAN ERROR	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
JET FUEL	PETROLEUM	160.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

80 GALLONS SPILLED ON PIER, 80 GALLONS IN WATER, USCG RESPONDED, (2) BOOMS WERE DEPLOYED, USCG WILL CLEAN UP SPILL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "GRATHWOL"

Map Identification Number 479 **59TH ST & 12TH AVE/CONED** **Spill Number: 8804215** **Close Date: 08/12/1988**
59TH ST & 12TH AVE NEW YORK CITY, NY TT-Id: 520A-0099-750

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CON ED Spiller Phone: (212) 315-6759
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: MR. SOLICH Caller Agency: CON ED Caller Phone: (212) 580-6763
DEC Investigator: RWAUSTIN Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/12/1988	08/12/1988	TANK OVERFILL	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	200.00	GALLONS	180.00	GALLONS	SURFACE WATER

Caller Remarks:

TANK WAS OVERFILLED DUE TO OPERATOR ERROR, SPILL TRAVELLED INTO FLOOR DRAIN WHICH HAD DIRECT CONNECTION TO STORM SEWER, LESS THAN 20 GALLONSGOT INTO RIVER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"

Map Identification Number 480 **59TH ST. GENERATIN STATIO** **Spill Number: 0409394** **Close Date: 10/23/2006**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-854

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	LARRY COSTA	Notifier Phone:	(212) 580-8383
Caller Name:	LARRY COSTA	Caller Agency:	CON ED	Caller Phone:	(212) 580-8383
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/19/2004		EQUIPMENT FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

LEAKED FROM THE UNION ON THE 115 ID FAN. CLEAN UP IS PENDING RESOURCES: NO TO 5 QUESTIONS. LEAK HAS BEEN SECURED. CON ED#156316

DEC Investigator Remarks:

10/23/06 - See e-docs for Con Ed report detailing cleanup and closure.

On 11/19/04 at 13:00 Results Supervr D. Macrae noticed oil floating on the standing water under 115 Boiler. The spill was reported to SS T. Benjamin at 13:02. Mr. Benjamin discovered that the oil came from a leaking union of the suction piping for 115 ID Fan Lube Oil system. The leak was stopped by tightening on the union. OMA M. Simon and PW R. Ramirez were assigned to clean up spill. Because the oil spilled to a pool of standing water under Boiler 115, the spill cannot be cleaned up within 2 hours. Envr. Engr. J. Burke was resquested to assist Mr. Benjamin. Fire/Smoke NO. Sewer/Waterway NO. Substance Lube Oil. Source 115 ID Fan Lube Oil System. Cause Leaking Union. Private Property NO. Clean up in progress.

Map Identification Number 481 **59TH ST GENERATING STA** **Spill Number: 0303767** **Close Date: 10/13/2004**
850 12TH AVENUE MANHATTAN, NY TT-Id: 520A-0099-843

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1807 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	PAUL DIDONATO - 59TH ST GENERATING STA	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	PAUL DIDONATO	Notifier Phone:	(212) 580-6763
Caller Name:	PAUL DIDONATO	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	PAUL DIDONATO	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/10/2003		TANK OVERFILL	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL IS CONTAINED BY CON ED AT THIS TIME-CLEANUP TO CONTINUE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

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Con Ed e2mis #149200:

At 00:53 it was observed by operator L. Tucker that oil was pouring out of #1 and #2 fuel oil tanks which is located inside of a moat in the fuel oil tank room. At this time fuel was being transferred from a barge on pier 98. The fuel transfer was stopped immedietly. The approx. amount of the spill is estimated to be about 200 gallons. The spill is contained in the moat in the fuel oil room. Operations personnel placed spill pillows around the spill on the floor, and also covered it with spill pads. Notification was made to CIG,EHS Manager, and Operations Manager. It was noticed by Shift Supervisor A. Rodney that 3 of the 4 tank level indicators in the control room were defective with a zero tank level indication, while the fourth tank (tank #4) was indicating 99.4%. Ops. Manager locating cleanup vendor to report to site to assist ops. personnel.

Clean Harbors on site at 0530 to start setup for cleanup. All gross oil removed from top of tank; sides and floor of fuel oil room. Cleanup operations suspended for weekend. Cleanup of cosmetic residual oil to continue Monday, July 14th.

Clean up completed 15-JUL-2003. Repairs to Magnetrol for High-High Alarm and Trip completed on 23-JUL-2003. Operation personnel conduct Trip testing of #6 fuel oil tanks and 500 valve. #1 tank was filled to 90%, the pump suction supply valve was closed ... the recirc valve to #1 tank open ... the recirc. valves to the other tank were closed. At 90% the Hi-level alarm went off. This practice was conducted on the remaining tanks, #2, #3 and #4. Below is the sequence:-
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#1 tank -- Trips 500 vlv. at 96.1%
#2 tank -- Trips 500 vlv. at 97.8%
#3 tank -- Trips 500 vlv. at 96.5%
#4 tank -- Trips 500 vlv. at 96.4%.
Note:- The actual Trip Value is 95%, but the tanks level indication is about 1.5% higher on average.

Map Identification Number 482 **12TH AVENUE / 58TH STREET** **Spill Number: 8701633** **Close Date: 05/28/1987**
12TH AVENUE / 59TH STREET NEW YORK, NY TT-Id: 520A-0102-008

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1991 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	NYCDEP	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	UNASSIGNED	Contact for more spill info:		Contact Person Phone:	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/27/1987	05/28/1987	EQUIPMENT FAILURE	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

LOST WATER PRESSURE TO REGULATOR N-30. BY-PASS ENDED 05/28/87 @ 0900.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
10/10/95: This is additional information about material spilled from the translation of the old spill file: 1.4 MILLION GALLONS

Map Identification Number 483 **VAULT #4824** **Spill Number: 0100506** **Close Date: 06/12/2003**
IFO 328 W 56TH ST MANHATTAN, NY TT-Id: 520A-0094-530

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2126 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CALLER - CON ED	Spiller Phone:	(212) 580-6763
Notifier Type:	Local Agency	Notifier Name:	MR BOOMER	Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:	RICHARD ROACH	Contact Person Phone:	(212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/13/2001		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

transformer failed - causing spill - clean up crew on scene now

con ed #136425

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Reference #0100505

DEC INVESTIGATOR NOTES:

Field Operation Planner Vito Vavallo determined that the amount of oil lost is approx 50gal. Capacity of the transformer is 360gal and 310gal were drained. The oil from this vault is connected by weep holes to V2212 which drains to the sewer. An unknown amount (with a max of 50gal) of oil was released to the sewer. (KMF 4/13/01)

e2MIS NOTES:

@03:00 HRS Quintana,W.#51302 fod found 5gal of transformer oil and 5 gal of water in v4824.loc.f/o 328-40 w.56 st.reason for enter structure place ground on

fdr #21m22. toke sample and hung sign #29659.reported to Lee,w.#33243 mcc no smoke/fire no waterway or sewer affected,no visual water movement,no visual

crack,no sump pump running,no private property affectated,standing water.

logger W.Lee #33243.

call cig @06:07----------

On 04/13/01 @ 10:10 hrs Field Operation Planner Vito Vavallo #57666 arrived on location & went in

V-4824, he determined that the amount of gallons that was lost in the transformer was 100 gallons.

transformer is below minimum. he also states that some of the transformer oil had drained into the next

vault, V-2212 which has a drain in its structure.he also states that he estimates that about 20 to 30 gal.

drained into V-2212 he will further investigate in this vault to determine if any of the oil has went down

the drain. As Per V.Vavallo #57666.@ 11:03 hrs CIG was notified, spoke with R.Roach #03494 &

@ 11:12 ERT was notified, spoke with M.Kessler. W.Boomer

04/13/01 10:50 hrs

UPDATE: @ 11:00 hrs tanker was on site to begin cleanup EPA #NYP004-079-729 was issued &

flush truck was ordered, cleanup is now in progress. W.Boomer #07525----------

UPDATE: Lab Seq. # 01-03652

04/13/01 12:58 hrs

Aroclor # 1260 PCB count 11PPM

on the subsequent findings of 100 gallons and a possible release to a sewer, this Deminimis 24 spill has been reclassified as Spill - Dielectric Transformer

04/13/01 @ 15:55 hrs. OGS. V. Vavallo # 57666 reports:

11:10 hrs. Tanker commences to drain structure.

12:10 hrs. DEC. Kerry Foley and ERT Sean Mahoney arrived on location.

12:30 hrs. Flush Truck on location.

12:40 hrs. DEC. left location, satisfied with progress of job.

12:50 hrs. DEP. Ellis St Jean arrives on location.

13:05 hrs. DEP left location, satisfied with progress of job.

13:20 hrs. Began draining transformer with Astoria tanker.

13.30 hrs. Coast Guard on Location, Doherty and Pedersen.

13:35 hrs. Coast Guard left location.

15:05 hrs. Building representitive imformed crew that oil had seeped into building, crew investigated and found 3' X1' puddle and cleaned up immediately.

Note: Removed 335 gallons of oil and water from vault 4824 and 310 gallons from the transformer. Transformer capacity is 360 gallons. Original spill states 100

gallons lost from transformer and should be changed to 50 gallons, in addition, release to waterway indicates 20 - 30 gallons and should be changed to 5 gallons.

Partial cleanup in progress.

04/13/01 @ 15:15hrs. OS. R. Browne # 21646 reports,Flushed vault 4824,. re-applied oil absorb, partial cleanup completed. Time of cleanup 13:00 - 15:00hrs, crew on location T. Korpas 07378, S. Sperrazza # 53318

5/14/01 07:30 E.Higgins # 18537 Cleanup supervisor reports that at 04:30 the cleanup was complete 100%. @ bags of debris were removed & the hole was

double washed. The cleanup crew was:

J. Fillisetti # 07376 & W. Holder # 85940. J. Moran Took the call & R. Bruns # 21106 was the logger

UPDATE : 5/17/01 17:31 HRS

Opererating Supv. R.Brown reports as of 17:31 under 50 cleanup comp. on v-2212

V-2212 was washed twice with slix cleaning agent and power washed & flushed

Tag was removed clean up crew in event involved person window.

Logger F.Curtis

I&A supervisor Joseph Cumberbatch field verified that there is a new transformer in vault 4824. The oil that got into the customer's basement in 2001 had seeped

through the wall do to the failure of the previous transformer. Mr. Cuimberbatch stated that a request for waterproofing had also been done in 2001. The installation of the new transformer and waterproofing would eliminate any oil source that could migrate into the basement.

Map Identification Number 484 **HESS GAS STATION** **Spill Number: 9604842** **Close Date: 07/15/1996**
502 WEST 45TH STREET MANHATTAN, NY TT-Id: 520A-0099-591

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2136 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	HESS GAS STATION	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:	DISP 393	Caller Agency:	NEW YORK CITY FIRE	Caller Phone:	(212) 570-4300
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/14/1996		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

caller reports there was some type of malfunction with gas pump

causing spill - fire dept is on scene trying to contain it - some

product has entered storm dran

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

MALFUNCTION WITH GAS PUMP - CAUSING SPILL - FIRE ON SCENE AND TRYING TO CONTAIN - NO CLEANUP YET - WANT CALL BACK - 4:25pm CALLED FIRE DISPATCHER - WANTS DEC ON SITE - NO CLEAN UP STARTED YET - TOMASELLO RESPONDED - 6:00pm ON SCENE - SPILL DOWN THE STREET AND AROUND THE CORNER - HAZMAT DRUMMED APPROX. 25 GALS. OF PRODUCT AND PUT SPEEDY DRY IN CURB - HE HAS IN HOUSE CLEAN-UP CREW ON THE WAY - CAB HIT PUMP CAUSING SPILL, THEN TOOK OFF.

Map Identification Number 485 **HUDSON RIVER** **Spill Number: 0109480** **Close Date: 07/28/2003**
OFF WEST 59TH STREET MANHATTAN, NY TT-Id: 520A-0102-012

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 2156 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

Source of Spill:	NON-MAJOR FACILITY (>1100 GAL)	Spiller:	MARK SCHLAGEL - CON ED	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR BENJAMIN	Notifier Phone:	
Caller Name:	MARK SCHLAGEL	Caller Agency:	CON ED	Caller Phone:	(212) 580-6765
DEC Investigator:	JHOCONNE	Contact for more spill info:	MARK SCHLAGEL	Contact Person Phone:	(212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/27/2001		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PROPYLENE GLYCOL	OTHER	300.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

WENT INTO WATER - NON HAZARDOUS NO FIRE - NO SMOKE - NO PRIVATE

PROPERTY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
E2MIS NO. 140-715:

VERIFIED ON 12/27/01 @ 13:30 THAT 300 GALLONS OF AER-O-LITE 3%COLD FOAM WAS MISSING FROM DOCK STORAGE TANK. DISCUSSION WITH

OPERATIONS LED TO ASSUMPTION THAT FOAM HAD LEAKED THROUGH ASSOCIATED PIPING AND CHECK VALVE INTO THE WATERWAY. SPILL HAD APPARENTLY OCCURRED DURING PAST TWO WEEKS. NO LOG RECORD OF ANY TESTING AND/OR USE OF FOAM DURING THAT PERIOD. INVESTIGATION UNDERWAY AS TO EXACT CAUSE OF LEAK. REFILL OF TANK BEING PLANNED ASAP. THIS FOAM CONTAINS 10% PROPYLENE GLYCOL WHICH LED TO ESTIMATE OF A 30 GALLON SPILL. NO EVIDENCE OF CONTINUED SPILLAGE

AND/OR DISCOLORATION OF WATERWAY.

The following chemical spill was determined by losses observed in the fire fighting foam storage tank on the dock. The tank has direct reading graduations to determine the quantity of foam in the tank. It normally is filled to 1,400 gallons. Today, it was at 1100 gallons. From discussion with several station personnel, it probably occurred over the last two weeks. Today, there were no visible signs of any leakage. There will be further investigations to determine the root cause and to interview station personnel who had early knowledge of this condition. A valve was apparently closed by the PIC on Friday, December 21st that stopped leakage from the tank, but no spill report was made. W. Fenner 12/27/2001.

1/22/02 Review of the MSDS for Aer-O-Lite 3% Cold Foam indicates NO glycol compounds present. The major components, Propanediol (CAS 57-55-6) and Propanol (CAS 34590-94-8), are not RQ chemicals, therefor this spill was not an RQ chemical spill, and the incident type and material history have been changed to

indicate this.

DEC Inspector Notes (JHO): Excerpt from REPORT TO THE UNITED STATES ATTORNEY AND CON EDISON, by Mitchell S. Bernard (MB 5823):

"On December 19, 2001, an employee noticed an unusual foam floating in the Hudson River, north of the plant's 59th Street dock. He discovered an abnormally low level of fire-fighting foam in a storage tank located on the dock. A tank valve that should have been closed was open. The employee noted in a log that he had observed foam in the River.

The spill was first reported to the station's environmental manager eight days later, on December 27. According to an investigation conducted by the environmental manager, six plant employees knew pertinent facts relating to the spill between December 19 and 27. None of them pursued or reported them. An additional five plant employees could have learned of the spill by reading the December 19 log entry. None of them did.

The environmental manager reported the spill to the Company's Central Information Group ("CIG") on December 27. A preliminary inquiry began on December 28. A more detailed investigation commenced on January 2. It turned out the foam tank had lost 300 gallons, all of which may have reached the River. Plant investigators suspect the foam tank valve was not opened accidentally. They were unable to determine who had opened the valve, or why.

The widespread failure to recognize the environmental relevance of the spill, including the requirement to report it within the

plant and to CIG, is difficult to fathom. This kind of inattention, or willful disregard, can land the Company back in the trouble from which it has worked hard to emerge."

Map Identification Number 486 **MIDTOWN AUTO CARE SERVICE** **Spill Number: 9515868** **Close Date: 10/02/1996**
415 WEST 45TH STRET NEW YORK, NY TT-Id: 520A-0093-192

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2234 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 415 WEST 45TH ST
Revised zip code: 10036

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	GLEN SIEGEL - MIDTOWN AUTO CARE SERVICE	Spiller Phone:	(212) 265-0774
Notifier Type:	Responsible Party	Notifier Name:	RICHARD SILVA	Notifier Phone:	(516) 968-5491
Caller Name:	RICHARD SILVA	Caller Agency:	COSTAL ENVIRO.	Caller Phone:	(516) 968-5491
DEC Investigator:	O'DOWD	Contact for more spill info:	GLEN SIEGEL	Contact Person Phone:	(212) 265-0774

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/09/1996		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	5000	GALLONS	0	GALLONS	SOIL
GASOLINE	PETROLEUM	5000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

unregistered tanks at parking garage,faulty plumbing.cleaning in progress.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 487 **Spill Number: 9909986** **Close Date: 02/19/2003**

449 WEST 44TH ST MANHATTAN, NY TT-Id: 520A-0092-670

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2235 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:		Spiller Phone:	(212) 956-8714
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	JIM CAREY	Caller Agency:	CASTLE OIL CORPORATION	Caller Phone:	(718) 579-3414
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	(212) 956-8714

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/17/1999		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

BROKEN DECK HOSE CAUSED THE SPILL OUTSIDE IN THE BACK OF APT BUILDING. CLEAN UP CREW ENROUTE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 488 **VAULT # 9021** **Spill Number: 0206548** **Close Date: 09/24/2002**

WEST 46TH ST & 9TH AVE MANHATTAN, NY TT-Id: 520A-0093-916

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2260 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: WEST 46TH ST / 9TH AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: CALLER - CON ED | Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: LARRY COSTA | Caller Agency: CON ED | Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE | Contact for more spill info: CALLER | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/24/2002		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	225.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

old spill from 9/21/02. cleanup crew found 225 gallons missing.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Same as spill # 0206450.

Map Identification Number 489 **Spill Number: 9814735** **Close Date: 06/24/1999**
459 W 44TH ST MANHATTAN, NY TT-Id: 520A-0092-593

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2269 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING | Spiller: | Spiller Phone:
Notifier Type: Citizen | Notifier Name: ALAN POTASHNICK | Notifier Phone: (212) 246-3119
Caller Name: ALAN POTASHNICK | Caller Agency: RESIDENT | Caller Phone: (212) 246-3119
DEC Investigator: MCTIBBE | Contact for more spill info: ALAN POTASHNICK | Contact Person Phone: (212) 246-3119

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/10/1999		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

COMP IS THE SUPER OF THE BUILDING - OIL CO (UNK WHICH ONE)

FILLED THE WRONG TANK AND PRODUCT CAME OUT A VENT PIPE IN THE REAR OF THE BUILDING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
SEE FILE. SEE ALSO 98-14731.

Map Identification Number 490 **BARBED RES.** **Spill Number: 9414445** **Close Date: 11/14/1997**
459 WEST 44TH STREET NYC, NY TT-Id: 520A-0092-141

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2269 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	GOTHAM OIL	Spiller Phone:	(718) 389-8100
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	MRS. HOLLIS	Caller Agency:	NYCDEP	Caller Phone:	(718) 595-6777
DEC Investigator:	MMMULQUE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/01/1995		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILLED OIL IN BACKYARD DUE TO WRONG ADDRESS. ROCKY OF GOTHAL, 322PM SAID A CLEAN UP CREW WAS HEADED TO SITE. # 2 FUEL OIL DIDN'T KNOW AMOUNT SAID IT WAS CONTAINED IN BACKYARD. I GAVE HIM SPILL #

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
10/10/95: This is additional information about material spilled from the translation of the old spill file: UNKNOWN TYPE OIL.

09/08/97: REC'D MESSAGE FROM ALLAN POTASHNICK (212) 246-3119 STATING THAT BOILER IS EMMITTING FUMES, AND PEOPLE ARE GETTING SICK, AND THAT PEOPLE ARE EATING FRUIT FROM THE BACKYARD AND GETTING SICK. WANTS TO KNOW IF SOILS CAN BE TESTED THROUGH THE DEPARTMENT.

11/97mmm:GOTHAM WENT BACK TO SITE IN OCTOBER, EXCAVATED ALL CONTAMINATED SOILS AROUND BACKYARD. MULQUEEN INSPECTED - NO FURTHER ACTION NECESSARY. MAY BE PROBLEM WITH TANK (?).

Map Identification Number 491 **COMMERCIAL BUILDING** **Spill Number: 0608372** **Close Date: 10/26/2006**
851 8TH AVE MANHATTAN, NY TT-Id: 520A-0090-347

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2281 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	rmpiper	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/21/2006		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	500.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

In process of cleaning up - almost done.
No further information available - caller disconnected after being placed on hold while 74 handled an emergency phone line.
Hess Oil Corp has contract to deliver fuel - they were contacted to do cleanup.
Eric from Hess 908-392-0136 he responded with a team to the building to do the cleanup.
Fuel tank is in the basement - the boiler is on the 11th floor which is the top floor.
There is a pump that sends the fuel to 11th floor from basement - a pipe attached to this pump broke causing fuel oil to spill all over the 11th floor.

DEC Investigator Remarks:

DEC Piper and Zhune responded to site. Spill occured on roof due to broken return line to day tank. Spill is approx 500 gal #4 oil. some oil approx 50 gal leaked through floor into hallway of 11th floor. Floor was evacuated and cleanup began. PTC on site.

10/23/06- DECP iper visited site for inspeciton. 99% oil had been cleaned. Piper stated additional minor requirements. CLosed.

Map Identification Number 492 **CON ED/W 54TH ST & 8TH AV** **Spill Number: 9105002** **Close Date: 08/09/1991**
CON ED/W 54TH ST & 8TH AV NYC, NY TT-Id: 520A-0094-544

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2423 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: W 54TH ST/8TH AV
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: JOSEPH PAULOST
DEC Investigator: GELLER
Spiller:
Notifier Name:
Caller Agency: NYCPD
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (212) 374-5380
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/08/1991	08/09/1991	EQUIPMENT FAILURE	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

STEAM LEAK OCCURRED-SUSPECT FAILED EXPANSION. CLEANING UP DEBRIS NOW--WILL EXCAVATE & REPAIR AS NECCESSARY. NRC # 83070, EPA, NYCFD, NYCEMS, NYCDEP, & NYSDOL ON SCENE.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

/ / : REFERRED TO ASBESTOS RELEASE UNIT.

10/10/95: This is additional information about material spilled from the translation of the old spill file: ASBESTOS STEAM.

Map Identification Number 493 **W 55TH ST & 8TH AVE/MANH** **Spill Number: 8905459** **Close Date: 09/04/1989**

W 55TH ST & 8TH AVE NEW YORK CITY, NY TT-Id: 520A-0090-891

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2479 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: W 55TH ST / 8TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 689-9898
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:	NYCPD	Caller Phone:	(212) 374-5580
DEC Investigator:	SIGONA	Contact for more spill info:		Contact Person Phone:	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/03/1989	09/04/1989	EQUIPMENT FAILURE	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

WATER MAIN BROKE & CARRIED ASBESTOS FROM STEAM PIPE TO STREETS, SUBWAYWAS ALSO AFFECTED.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

09/04/89: NYCPD, NYCFD & EMERGENCY MEDICAL WERE ON SCENE, NYCDEP & CON EDISON TESTING AREA FOR DEGREE OF CONTAMINATION.

10/10/95: This is additional information about material spilled from the translation of the old spill file: ASBESTOS & MUD.

Map Identification Number 494 **RESIDENCE** **Spill Number: 9614001** **Close Date: 02/02/2004**
351-357 W 45TH ST MANHATTAN, NY TT-Id: 520A-0099-610

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2530 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	NOTIFIER - HARRY BLUTTAL	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	GRACE (BUILD SUPER)	Notifier Phone:	(212) 581-4407
Caller Name:	JIM CAREY	Caller Agency:	CASTLE OIL CORPORATION	Caller Phone:	(718) 579-3414
DEC Investigator:	RWAUSTIN	Contact for more spill info:	CALLER	Contact Person Phone:	(718) 579-3414

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/28/1997		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

VALVE HUNG OPEN FLOODED CHAMBER/SPILL HAS BEEN STOPPED/SPILL

CONTAINED/ABC TANK CLEANING WILL RESPOND WITH CREW IN THE MORNING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
2/2/04 - AUSTIN - SURF. SPILL - CLOSED - ORIG. ASSIGNED TO ENGELHARDT - END

Map Identification Number 495 **APARTMENT** **Spill Number: 0710341** **Close Date: 03/14/2008**
355 WEST 45TH ST MANHATTAN, NY TT-Id: 520A-0211-176

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2530 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name:
DEC Investigator: hrpatel

Spiller: EMPIRE STATE FUEL-DAVE
Notifier Name:
Caller Agency:
Contact for more spill info: RAY LARA

Spiller Phone: (718) 627-5100
Notifier Phone:
Caller Phone:
Contact Person Phone: (646) 772-6884 ext. C

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/29/2007		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Tank overfill. Speedy Dri applied. Caller's crew enroute.

DEC Investigator Remarks:

12/31/07-Hiralkumar Patel. visited site. met crew from PTC. site has 5000 gal #4 oil tank enclosed in concrete. found two vent pipes connected to the tank, one in backyard and one in front of building close to fill pipe. pipe in front is open ended (tell tail). tell tail pipe is higher in elevation then old vent pipe. during oil delivery, as tank got full, oil start coming out from vent in backyard and had a oil pool, before oil start coming out from tell tail pipe in front. some oil spilled from front pipe on concrete surface. most of spill was in backyard from old vent pipe. found old unpluged fill port in front on sidewalk. PTC crew cemented old fill port. PTC cleaned oil spill in front and also removed oil from backyard using vacuum truck.

spoke with Raha Arnold, property manager. explained her that as olf vent is lower in elevation, oil came out from old vent pipe and caused a spill. asked her to stop any further oil delivery until fix tank system. asked her to properly remove old vent pipe, repair gauge (as found faulty) and remove/plug fill port in front. also asked her to hire environmental company to remeidate contaminated soil in backyard.

PBS #: 2-061484. as per PBS record, site uses #2 oil.

Thomas (212-581-4407), building super Apt. # 1FE

Raha Arnold
Keystone Management Inc.
15165 Ventura Blvd #140
Sherman Oaks, CA 91403
Ph. (212) 684-4141 Ext. 311
(818) 822-5132 (C)
email: raha@keystonemanage.com

spoke with Ray Lara at PTC. they been hired by management and they did cleanup on 12/29/07. found mostly concrete in backyard, except one 2 ft * 2 ft dirt area. Ray took sample from this dirt area and will send it to lab for analysis. found concrete in front where spill was.

sent CSL to Ms. Arnold requiring tank test, soil and/or groundwater delineation, endpoint samples and repair/replacement of faulty gauge. also required to close one vent and fill pipe. letter emailed to Ms. Arnold.

01/03/08-Hiralkumar Patel. received call from Beth Weinstein (917-744-4377, Apt. # 1RE). she was out on vacation and on return, she found her apartment filled with oil smell. she is not confortable and wants to check her apartment.

01/04/08-Hiralkumar Patel. visited site yesterday. went to Ms. Weinstein's apartment. no odors inside her apartment or in hallway. went to backyard. found concrete surface in area of oil spill except a small portion of dirt area. concrete in backyard found in good condition. no odors in backyard.

01/07/08-Hiralkumar Patel. received call from Ms. Arnold. she is working to correct the problem and will submit a report.

01/25/08-Hiralkumar Patel. received message from Ms. Arnold. left message for Ms. Arnold.

01/28/08-Hiralkumar Patel. spoke with Ms. Arnold. they did tightness test on tank system and it passed. as per PTC, no contamination found in sample from open dirt area in backyard. petrometer has been replaced. they haven't removed vent pipe in back. will finish work, but till then, they will not fill entire tank and order only half amount. super will be present during oil delivery. once they pay entire bill by end of March, PTC will release report.

01/29/08-Hiralkumar Patel. received call from Ray Lara from PTC. spoke with Ray. they will schedule vent pipe work soon.

02/19/08-Hiralkumar Patel. received message from Ms. Arnold. they corrected vent line problem. will send documents.

03/14/08-Hiralkumar Patel. received fax from Ms. Arnold. they removed both old vent pipes (in in back and one in front) and installed new 2 inch vent line with alarm in front of building. tank test showed tank tight. no contamination found in sample taken from hole in backyard, near vent pipe.

Ms. Arnold left company. Lidia Montoya (212-684-4141 Ext. 313) will be property manager.

based on submitted documents and observations during second site visit on 01/04/08, case closed.

Map Identification Number 496 **AMSTERDAM HOUSES** **Spill Number: 9412744** **Close Date: 01/05/1995**
60 AMSTERDAM AVE MANHATTAN, NY TT-Id: 520A-0098-562

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2581 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 60 AMSTERDAM AVE.
Revised zip code: 10023

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYC HOUSING AUTHORITY
Spiller Phone: (212) 306-3142
Notifier Type: Responsible Party
Notifier Name:
Notifier Phone:
Caller Name: MARIO MANDALONE
Caller Agency: NYC HOUSING AUTHORITY
Caller Phone: (212) 306-3142
DEC Investigator: HEALY
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
12/22/1994	01/05/1995	TANK OVERFILL	2-475432	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	375.00	GALLONS	210.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

TANK WAS OVERFILLED. 210 GALLONS PUMPED INTO SECOND TANK, 165 GALLONS IN VAULT. WINSTON ON SCENE. CALL BACK REQUESTED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY

9207447	788 10TH AVE.	788 10TH AVE.	MANHATTAN
0751290	MANHATTAN CHRYSLER JEEP DODGE	711 11TH AVENUE	MANHATTAN
1005149	VAULT 5279	WEST 54TH ST AND 10TH AVE	MANHATTAN
8909795	787 11TH AVE/MANHATTAN	787 11TH AVENUE	MANHATTAN
9900839	V 2577	600 W 55TH ST	NEW YORK
0711552	STREET	WEST 50TH STREET/ 11TH AV	MANHATTON
0012588	WEST 50TH ST SUBSTATION	601 W 50TH ST	MANHATTAN
0401253	WEST 50TH ST SUBSTATION	601 WEST 50TH STREET	MANHATTAN
0808990	MANHOLE # 10190	447 - 55 WEST 53RD ST	MANHATTAN
9111844	HARBORVIEW	525 WEST 55TH ST	MANHATTAN
9501850	520 W 56TH STREET	520 W 56TH STREET	MANHATTAN
0701812	TWO OZ HYDRAULIC FLUID FROM	700 11 AVENUE	MANHATTAN
0607790	ASTOR SUBSTATION	700 11TH AVE	MANHATTAN
0608770	ASTOR SUBSTATION BCP SITE	700 11TH AVE	MANHATTAN
0608881	LEAKING HOSE IN EXCAVATOR	700 11 AVENUE	MANHATTAN
0609005	EXCAVATION	700 11 AVENUE S/O W50 STREET	NEW YORK
0612508	ASTOR SUBSTATION SITE	700 11 AVENUE AT WEST 49 STREET	MANHATTAN
0604159	ASTOR SUBSTATION (RIVERSIDE)	700 11TH AVE	MANHATTAN
0603128	VEH 315 LEAKED HYDRAULIC FLUID	ASTOR SUBSTATION (RIVERSIDE)	MANHATTAN
0605941	TINY RELEASE FROM DRILL RIG	ASTOR SUBSTATION (RIVERSIDE)	MANHATTAN
0606192	1 GALLON RELEASE FROM FORK LIFT	ASTOR SUBSTATION (RIVERSIDE)	MANHATTAN
0607126	1 QT HYDRAULIC FLUID FROM TRUCK	ASTOR SUBSTATION	MANHATTAN
0609078	RELEASE FROM CONTRACTOR VEHICLE	ASTOR SUBSTATION	MANHATTAN
0802291	ASTOR S/S. BATTERY ACID - THREE GAL	700 11 AVENUE. SUBSTATION	MANHATTAN
0709649	TWO OZ FROM PORTABLE HEATER	700 11 AVENUE AT WEST 49 STREET	MANHATTAN
1102027	ON ROADWAY	IN FRONT OF 624-626 WEST 52ND ST	MANHATTAN
9811474		607 W. 50TH ST	MANHATTAN
9308145	725 10TH AVENUE	725 10TH AVENUE	MANHATTAN
9009559	725 KENT AVE/MANH	725 KENT AVENUE	NEW YORK CITY
8911321	AMSTERDAM	W 55TH STREET	NEW YORK CITY
9913880		WEST 55TH S T& 10TH AV	MANHATTAN
9310332	629 WEST 54TH STREET	629 WEST 54TH STREET	MANHATTAN
9501442	450 WEST 55TH STREET	450 WEST 55TH STREET	MANHATTAN
0002070	W 49TH ST SUBSTATION TR #5	637 WEST 49TH STREET	MANHATTAN
0004269	WEST 49TH SUBSTAION	637 W. 49TH ST	NEW CITY
0200426	WEST 50 STREET SUBSTATION TR #1	601 W 50 STREET	MANHATTAN
0203988	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	MANHATTAN
0209551	WEST 49TH ST SUB STA	637 WEST 49TH STREET	MANHATTAN
0212673	W 49TH ST SUB STATION	637 WEST 49TH STREET	MANHATTAN
0305357	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	MANHATTAN
0306463	49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
0306511	W. 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9502346	637 WEST 49TH ST	637 WEST 49TH STREET	MANHATTAN
9506757	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN

9707818	WEST 49TH SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9711427	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9801315	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	MANHATTAN
9801677	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	MANHATTAN
9804342	WEST 49TH SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9804358	CON EDISON W 49TH ST SUBS	637 WEST 49TH STREET	MANHATTAN
9805052	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9805711	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9807609	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9809128	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9812596	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	MANHATTAN
9813211	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9902927	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	MANHATTAN
9904497	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9907446	WEST 49TH STREET SUB-STAT	637 WEST 49TH STREET	MANHATTAN
9908229	WEST 49TH ST SUBSTATION	637 WEST 49TH STREET	MANHATTAN
9912576	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	MANHATTAN
0201645	W 49TH ST SUBSTATION PH #5	637 WEST 49TH STREET	MANHATTAN
0209963	W49TH STREET SUBSTATION	637 WEST 49TH STREET	MANHATTAN
0314014	SUBSTATION	637 WEST 49TH STREET	MANHATTAN
0500917	W 49TH SUBSTATION	637 WEST 49TH STREET	MANHATTAN
0508213	WEST 49 STREET SUBSTATION	637 WEST 49 STREET	MANHATTAN
9604190	W49TH ST S/S TRANS #5	WEST 49TH ST S/S	MANHATTAN
9713232	WEST 49TH ST SUB STATION	637 WEST 49TH STREET	MANHATTAN
9805140	CON ED	WEST 49TH STREET SUBSTATI	NEW YORK
9903897	PUMP HOUSE 1	W. 49TH ST SUBSTATION	MANHATTAN
9805552	WEST 50 TH ST SUBSTATION	601 WEST 49TH ST	MANHATTAN
9805550	WEST 50 STREET SUB STATION	601 WEST 50 STREET	MANHATTAN
9602288	WEST 50TH ST SUBSTATION	601 W 49TH ST	MANHATTAN
0311544	SUB STATION	601 WEST 49TH STREET	MANHATTAN
0311542	WEST 50 ST SUBSTATION	601 WEST 50 STREET	MANHATTAN
0210058	WEST 50TH ST SUB STATION	601 W. 49TH ST	MANHATTAN
0100532	TRANSFORMER #3	601 W.49TH ST	MANHATTAN
0209931	WEST 49TH ST SUBSTATION	WEST 49TH ST	NEW YORK
0209932	WEST 49TH ST SUBSTATION	WEST 49TH ST	NEW YORK
0513014	MOTOR OIL FROM VENDOR TRUCK	637 WEST 49 STREET	MANHATTAN
9604051	WEST 49TH ST SUB-STATION	637 WEST 49TH STREET	MANHATTAN
9604065	WEST 49TH ST SUB-STATION	637 WEST 49TH STREET	MANHATTAN
0509931	WEST 49 STREET S/S. STBY GENERATOR	637 WEST 49 STREET. SUBSTATION	MANHATTAN
9604064	WEST 49TH ST SUB-STATION	637 WEST 49TH ST	MANHATTAN
0704039	WEST 49 ST S/S - XFMR # 4 CONS. TANK	637 WEST 49 STREET - WEST 49 ST S/S	MANHATTAN
0701030	WEST 49 ST SUBSTATION XFMR # 5	637 WEST 49 STREET	MANHATTAN
0711296	W 49 STREET S/S. XFMR # 3 RELIEF VALVE	637 WEST 49 STREET. SUBSTATION	MANHATTAN
0710712	WEST 49 ST S/S - FEEDER M54	637 W 49 STREET	MANHATTAN

0801886	WEST 49 ST S/S. SKIMMER TANK, 30 GAL	637 WEST 49 STREET. SUBSTATION	MANHATTAN
0712419	W 49 ST S/S. 20 GAL FILLING XFMR # 3	637 WEST 49 ST. SUBSTATION	MANHATTAN
0812900	CON ED SUB STATION WEST 50TH	601 WEST 49TH ST	MANHATTAN
0904822	SIDEWALK-CON ED PROPERTY EMIS 217708	637 W 49TH	MANHATTAN
0901543	CON ED SUB STATION WEST 49TH	637 WEST 49TH ST	MANHATTAN
0812136	WEST 50TH STREET SUB STATION	671 WEST 49TH ST	MANHATTEN
0200036	WEST 49TH ST SUB STATION	W 50TH ST & 12TH AV	MANHATTAN
1100731	CON EDISON POSSIBLE FEEDER LINE LEAK	637 WEST 49TH ST	MANHATTAN
9401081	632 W. 55TH STREET	623 W. 55TH STREET	MANHATTAN
0208135		429 WEST 53RD ST	MANHATTAN
1004774	VAULT 1160	530 WEST 57TH STREET	MANHATTAN
0608427	VS #1243	540 WEST 57 STREET	MANHATTAN
0403062		524 WEST 57TH ST	NEW YORK
9811161	MANHOLE #09766	SOUTH OF W 51ST ST	MANHATTAN
0808057	CONED	10TH AVE & WEST 56TH ST	MANHATTAN
9511443	433 WEST 54TH STREET	433 WEST 54TH STREET	MANHATTAN
0702610	1 GAL XFMR OIL FOUND IN VAULT # 6339	WEST 54 STREET BET 9 & 10 AVENUES	MANHATTAN
9612403	527 W 48TH ST	527 W 48TH ST	MANHATTAN
0306468	BETWEEN 11TH & 12TH	49TH	MANHATTAN
0311652	MANHOLE 6227	450 WEST 56TH ST	MANHATTAN
9001598	56TH ST & 12TH AVE/MANH	56TH ST & 12TH AVE	NEW YORK CITY
9400476	773-787 55TH STREET	773-787 55TH STREET	MANHATTAN
9711517	442 WEST 50TH ST	442 WEST 50TH ST	MANHATTAN
9809328	VAULT 3040	435 WEST 50TH ST	NYC
1105639	SOIL	12TH AVE AND 50TH ST	MANHATTAN
9405806	57TH ST BET 10 & 11TH AVE	57TH ST BET 10 & 11TH AVE	MANHATTAN
9206383	410 WEST 53RD STREET	410 WEST 53RD STREET	MANHATTAN
9801556		696 10TH AVE	MANHATTAN
0111006	VAULT 1384	620 W 57TH ST	MANHATTAN
0002503	VAULT 5837	W 48TH ST/10TH AVE	MANHATTAN
0610278	SHAFT 25B	10TH AVE / 48 ST	MANHATTAN
0008757	653 ELEVENTH AVE	653 11TH AVE	MANHATTAN
0110034		406 WEST 50TH STREET	MANHATTAN
8709985	PT AUTHORITY TERM/MANHAT	PT AUTH PASS TERM/BERTH90	NEW YORK CITY
9912304		877 TENTH AVE	NEW YORK CITY
9708428	PIER 92	UNK PIER 92	MANHATTAN
8906378	MANHATTAN FORD	555 WEST 57TH ST	MANHATTAN
9105201	EXXONMOBIL	842 11TH AVE	NEW YORK
9108084	EXXONMOBIL	842 11TH AVE	NEW YORK
9108497	EXXONMOBIL	842 11TH AVENUE	
0702066	ROADWAY BETWEEN 9TH & 10	409 W 50 TH STREET	MANHATTAN
9702500	795 9TH AVE	795 9TH AVE	MANHATTAN
9709660	MANHATTAN WEST 04, 04A, 07 DOS -DDC	650 WEST 57TH STREET	MANHATTAN
0709721	BUSINESS SITE	56TH STREET & 12TH AVE	MANHATTEN

0710428	TOYOTA MANHATTON	645 11TH AVE	NEW YORK
9211457	610 W 48TH ST	610 W 48TH ST	MANHATTAN
9405547	624 W. 48TH STREET	624 WEST 48TH STREET	MANHATTAN
9405647	624 W. 48TH STREET	624 WEST 48TH STREET	MANHATTAN
0103420	ANNA'S	763 NINTH AVE	MANHATTAN
9811598	MAN HOLE 33816	W 47TH ST & 11TH AV	MANHATTAN
1103617	PRIVATE RESD	469 WEST 57TH ST	MANHATTAN
0000320	MANHOLE 10222	53RD STREET+9TH AVE	MANHATTAN
0004825	W. 52ND ST / 9TH AV	W. 52ND ST/ 9TH AV	MANHATTAN
0502977	MANHOLE 2935	W 52ND ST & 9TH AV	MANHATTAN
0509939	11TH AVE & 58TH ST	11TH AVE 58TH ST	MANHATTAN
9815422	MANHOLE 60988	W 58TH AND WEST END AVE	MANHATTAN
9812816	MANHOLE 11200	58TH ST/11TH AV	MANHATTAN
0704671	ONE GAL RELEASE FROM BOTTOM	WEST 58 STREET & 11 AVENUE	MANHATTAN
0506800	VERIZON	617-623 WEST 47TH STREET	MANHATTAN
0313319	VAULT #3886	581 WEST 58TH STREET	MANHATTAN
9713698	CONSTRUCTION SITE	9TH AVE / 54TH ST	MANHATTAN
0607496	PIER	48TH ST/12TH AVE	MANHATTAN
9815535	9TH AVE	9TH AVE & W. 51ST ST	NEW YORK
9900532	MANHOLE #39958	WEST 51ST ST & 9TH AVE	MANHATTAN
0504134	MANHOLE #39958	WEST 51ST & 9 AVE - NWC	MANHATTAN
0203902	SUNOCO	639 11TH AVE	MANHATTAN
0500788	WEST 132ND PURS	630 12TH AVE	MANHATTAN
8907585	AMERICAN SAVINGS BANK	735 9TH AVENUE	NEW YORK CITY
0800662	HUDSON RIVER	ACROSS FROM PIERS 95&96	NEW YORK
9507334	TRINITY PRESBYTERIAN	422 57TH STREET	NEW YORK
9504915	616 W. 47TH STREET	616 W. 47TH STREET	MANHATTAN
1011477	APT BUILDING/SALIAN CORP	400 WEST 56TH ST	NEW YORK
9607862	631-41 WEST 57TH ST	631-41 WEST 57TH ST	MANHATTAN
0606463	OILY SUBSTANCE IN EXCAVATION	828 9 AVENUE	MANHATTAN
8911115	CON EDISON	PIER 96 59TH STREET	MANHATTAN
0511442	JOHN JAY COLLEGE	899 10TH AVE	NEW YORK
8600232	SHORT LINE BUS/MANHATTAN	46TH ST.BET.10TH&11TH AVE	NEW YORK CITY
9305305	JEAN CHARCOT PIER 88	JEAN CHARCOT PIER 88	MANHATTAN
0207823	NYC PASSENGER SHIP TERM	PIER 88	MANHATTAN
9506539	435 W. 47TH STREET	435 W. 47TH STREET	MANHATTAN
0709165	APT. HOUSE	357 WEST 54TH ST	NEW YORK CITY
9314514	707 9TH AVENUE	707 9TH AVENUE	MANHATTAN
0406554	MANHOLE#40004	WEST 56TH ST/9TH AVE	NEW YORK
0403107	MANHOLE# 40004	WEST 56TH & 9 TH AV	MANHATTAN
0910371	CORNER	47ND ST AND 12TH AVE	MANHATTAN
0914138	216327; W 49 ST AND 9 AVE	W 49 ST AND 9 AVE	NEW YORK
0914159	216424; W 59 ST AND 11 AVE	W 59 ST AND 11 AVE	NEW YORK
9106482	W 59TH ST & 11TH AVE/GASE	W 59TH ST / 11TH AVE	NYC

0708629	ONE GAL HYDRAULIC OIL ON SIDEWALK	11 AVENUE & 59 STREET	MANHATTAN
9911885	360 WEST 51ST STREET	360 WEST 51ST STREET	MANHATTAN
0514089	ON STREET	400 WEST 57TH STREET	NEW YORK
9414768	NYK DEVELOPMENT CORP.	400 ROUTE 406-W 57TH ST.	NEW YORK
8603310	432 W58 ST	432 W,58TH ST	NEW YORK CITY
0330069	COACH USA	520 WEST 46TH STREET	MANHATTAN
9413227	357 WEST 55TH STREET	357 WEST 55TH STREET	MANHATTAN
9413238	357 WEST 55TH STREET	357 WEST 55TH STREET	MANHATTAN
9709955	59TH STREET STATION	850 12TH AVENUE	MANHATTAN
9412327	WEST 59TH ST STATION	CON ED	MANHATTAN
9411485	CON EDISON-59TH ST G/S	59TH ST GENERATING STA.	MANHATTAN
9209495	850 12TH AVE	850 12TH AVENUE	MANHATTAN
9501861	59TH ST GENERATING STA.	59TH ST GENERATING STA.	MANHATTAN
9502674	W. 59TH ST GENERATING STA	W. 59TH ST & WEST END AVE	MANHATTAN
9601005	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
9513653	59TH ST GENERATING STAT.	850 12TH AVENUE	MANHATTAN
9514546	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
9602101	59TH ST GENERATING STA	850 12TH AVENUE	MANHATTAN
9602553	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
9503302	59TH ST GENERATING STA.	850 12TH AVENUE	MANHATTAN
9604889	WEST 59TH ST GENERATING S	850 12TH AVENUE	MANHATTAN
9501243	59TH ST. GENERATING STA.	850 12TH AVENUE	MANHATTAN
9312625	850 12TH AVENUE	850 12TH AVENUE	MANHATTAN
9516400	CON EDISON	59TH ST GENERATING STA.	MANHATTAN
9610587	59TH ST STATION	59 TH ST & 12TH AV	MANHATTAN
9701320	850 12TH AVE	850 12TH AVENUE	MANHATTAN
9512437	EAST 60 TH STEAM STATION	59TH ST	MANHATTAN
0100356	59TH ST GENERATING STA.	850 12TH AVENUE	MANHATTAN
0103070	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
0106057	59 TH STREET STATION	850 12TH AVENUE	MANHATTAN
0106307	59TH STREET STATION	850 12TH AVENUE	MANHATTAN
0202399	59TH ST GENERATOR STA.	850 12TH AVENUE	MANHATTAN
0203144	59TH ST GENERATION STATIO	850 12TH AVENUE	MANHATTAN
0203297	59TH ST STATION	850 12TH AVENUE	MANHATTAN
0204434	59TH STREET GENERATING STATION	850 12TH AVENUE	MANHATTAN
0206033	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
0206371	59TH STREET STATION	850 12TH AVENUE	MANHATTAN
0203400	59TH ST GENERATING STATIO	850 59TH ST	MANHATTAN
0200994	59TH ST GENERATOR STATION	850 12TH AVENUE	MANHATTAN
0010625	59TH STREET GENERATING ST	850 12TH AVENUE	MANHATTAN
0002645	59TH ST STATION	850 12TH AVENUE	MANHATTAN
0000735	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
9913340	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
9910676	WEST 59TH STREET GENERATI	850 12TH AVENUE	MANHATTAN

9900397	59TH ST GEN STATION	850 12TH AVENUE	MANHATTAN
9903007	WEST 59 STREET STATION	850 12TH AVENUE	NEW YORK
9813897	50TH ST GENERATOR STATION	850 12TH AVENUE	MANHATTAN
9809089	59TH ST GENERATING STA	850 12TH AVENUE	MANHATTAN
9811634	WEST 59TH STREET GENERATI	850 12TH AVENUE	MANHATTAN
9801247	CON ED	850 12TH AVENUE	MANHATTAN
9808158	TRANSFORMER #1	WEST 59TH STREET STATION	MANHATTAN
0300834	59TH ST STEAM STATION	850 12TH AVENUE	MANHATTAN
0300326	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
0211791	GENERATION STATION	850 12TH AVENUE	MANHATTAN
0303106	59TH ST GENERATOR STATION	850 12TH AVENUE	MANHATTAN
0308962	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
0313567	GENERATOR STATION	850 12TH AVENUE	MANHATTAN
0313390	59TH ST GENERATING STATIO	850 12TH AVENUE	MANHATTAN
0210959	BARGE DBL-2202	59TH ST GENERATING STATION	MANHATTAN
0300333	59TH ST GENERATING STATIO	59TH STREET & 12TH AVE	MANHATTAN
9511547	MANHOLE COVER W. 59TH ST	850 12TH AVENUE	MANHATTAN
0501423	59 TH GENERATING STATION	850 12TH AVENUE	MANHATTAN
0501381	WEST 59TH GENERATING STAT	850 12TH AVE.	NEW YORK
0511354	WEST 59 STREET GEN STATION	850 12TH AVENUE	MANHATTAN
0510676	59 STREET GENERATING STATION	850 12TH AVENUE	MANHATTAN
0613247	ONE QT RELEASE OF #6 FUEL OIL	850 12 AVENUE	MANHATTAN
0610146	OIL LEAKING FROM FAN BEARING	850 12 AVENUE	MANHATTAN
9602561	EAST RIVER	59TH STREET	MANHATTAN
0704724	SHEEN INSIDE BOOM IN HUDSON RIVER	850 12 AVENUE - 59 ST GEN STATION	MANHATTAN
0708291	DRUM OVERFILL AT PIER 98	850 12 AVENUE. 59 ST STEAM GEN STATION	MANHATTAN
0713824	SHEEN IN HUDSON RIVER - TIMBER REMOVAL	850 12 AVENUE. 59 ST STEAM STATION	MANHATTAN
0803657	59 STREET GENERATING STATION	850 12 AVENUE	MANHATTAN
0800905	WATER SAMPLE HIGH IN OIL & GREASE	850 12 AVENUE. STEAM GEN STATION	MANHATTAN
0806577	59TH ST GENERATING STATION	850 12TH AVE	NEW YORK
0512780	59 ST. GEN STATION	59TH STREET	MANHATTAN
0810645	CON ED 59TH ST GEN STATION	850 12TH AVE	MANHATTAN
0810269	59TH ST GENERATING STATION	850 12TH AVE	NEW YORK
0901550	59TH ST GEN STATION	850-12TH AVE	NYC
0905891	WEST 59TH ST GEN STATION	WEST 59TH ST & 12TH AVE	MANHATTAN
0902326	WEST 59TH GEN STATION	58TH ST & 12TH AVE	MANHATTAN
0911075	WEST 59ST SUB STATION	850 AND 12TH AVE	MANHATTAN
0913616	CON EDISON WEST 59TH ST STATION	850 12TH AVE	MANHATTAN
1104528	GENERATING STATION	59TH STREET	MANHATTAN
1012912	SUB STATION BOILER 114	850 12TH AVE	MANHATTAN
1108923	GENERATING STATION	850 12TH AVE	NEW YORK
8901180	806 9TH AVE/54TH ST DEPOT	806 9TH AVENUE	NEW YORK CITY
9010299	695 9TH AVE/MANH	695 9TH AVENUE	MANHATTAN
1010363	EXCAVATION SITE	763 9TH AVE	MANHATTAN

0430009	517-525 WEST 45TH STREET	517-525 WEST 45TH STREET	NEW YORK
0330010	TOKAY REALTY	517-525 WEST 45TH ST	MANHATTAN
0600948	HYDRAULIC LEAK FROM VENDOR TRUCK	59 STREET BTWN 11 & 12 AVENUE	MANHATTAN
0201708		426 W 47TH ST	NEW YORK CITY
8603398	58 & 1H2 AVE	58 & 1H2 AVE	NEW YORK CITY
0908043	COMMERICAL BUILDING	333 WEST 52ND STREET	MANHATTAN
0607094	VAULT # 4970	429 WEST 58TH ST	MANHATTAN
0208027	ST BENEDICT MOORE CHURCH	340 W 53RD ST	MANHATTAN
9310147	340 WEST 53RD STREET	340 WEST 53RD STREET	NEW YORK CITY
0312167	APARTMENT BUILDING	345 WEST 50TH STREET	MANHATTAN
9904823	MH 58369	57TH ST/9TH AVE	MANHATTAN
9909084	CONSTRUCTION SITE	9TH AVE+57TH STREET	MANHATTAN
9613745	545 WEST 45TH ST	545 WEST 45TH ST	MANHATTAN
0001740		604 WEST 46TH STREET	MANHATTAN
9605017	IFO 354 W.54TH ST	354 W.54TH ST	MANHATTAN
0001719	W 45TH ST / 11TH AV	609-611 11TH AVE	MANHATTAN
0001837	609 11TH AVE	609-611 11TH AVE	NEW YORK
1010808	SOIL	350 W 51ST ST	MANHATTAN
0304743	WEST 45TH ST	NEAR 10TH AND 11TH AVE	NEW YORK
8606828	12TH AV & 46TH ST.	12TH AV & 46TH ST.	MANHATTAN
9510151	CON ED 45TH ST YARD	621 W45TH ST	MANHATTAN
0110412	CON ED	1641 WEST 45TH ST	MANHATTAN
0300540	200FT EAST OF	45TH ST & 11TH AVE	MANHATTAN
1112446	CON EDISON 59TH ST GENERATING STATION	850 12TH AVE	MANHATTAN
0405751	325 W. 52ND ST	325 WEST 52ND ST	MANHATTAN
9710086	HUDSON RIVER	PIER 98 59TH ST	MANHATTAN
9912307	PIER 98 - MANHATTAN	850 12TH AVENUE	MANHATTAN
0607116	WEST 61ST STREET SITE	WEST END/WEST 60/WEST61ST	MANHATTAN
0313999	APARTMENT/COMMER	400 WEST 47TH ST.	NEW YORK
9408091	U.S. POSTAL SERVICE	RADIO CITY STATION	MANHATTAN
9013151	415 W 46TH ST/MANHATTAN	415 WEST 46TH STREET	NEW YORK CITY
1005833	10TH AVE & W 45TH ST	10TH AVE & W 45TH ST	MANHATTAN
9708417	WEST 45TH AT	TENTH AVE.	MANHATTAN
0513806	MANAHATTEN WATER TUNNEL	60TH STREET/AMSTERDAM	MANHATTAN
0512558	SHAFT 24-B	60TH ST/AMSTERDAM AVE	MANHATTAN
1010777	WASHINGTON HOTEL	318 WEST 51 ST	MANHATTAN
9207438	59TH STREET AND 12TH AVE.	59TH STREET & 12TH AVE	MANHATTAN
0800006	SLIGHT SHEEN FROM CREOSOTE -	59 STREET & 12 AVENUE. PIER 98	MANHATTAN
0806224	DRUM RUN	59TH ST & WESTSIDE HGWY	MANHATTAN
0411209	APARTMENT BLDG.	329 WEST 55TH ST	MANHATTAN
0604424	DEVELOPMENT SITE	WEST 61ST BETWEEN 10 & 11	MANHATTAN
0100505	TRANS. VAULT #2212	IFO 328-40 W 56TH ST	MANHATTAN
9300436	630 10TH AVE	630 10TH AVE	MANHATTAN
9311019	502 WEST 45TH STREET	502 WEST 45TH STREET	MANHATTAN

0711489	HESS GAS STATION	45 & 10TH	MANHATTEN
1004718	HESS STORE #32215	502 WEST 45TH STREET	MANHATTAN
1011492	HESS STORE# 32215	502 W 45TH ST	MANHATTAN
9104075	612 W 45TH ST/UPS	612 W 45TH ST	NYC
0800504	IN ROADWAY	312 WEST 53RD ST	MANHATTAN
0807790	SOUTH PARK TOWER	124 WEST 60TH STREET	MANHATTAN
9609793	124 W 60TH ST	124 W 60TH ST	MANHATTAN
0303109	HUDSON RIVER	59TH STREET	MANHATTAN
9314976	59TH ST & HUDSON RIVER	59TH ST / HUDSON RIVER	MANHATTAN
9314991	59TH STREET	59TH STREET	MANHATTAN
1000636	DEPT OF SANITATION SITE	WEST 59TH ST AT END	MANHATTAN
9903692	APARTMENT HOUSE	1 COLUMBUS PLACE	MANHATTAN
9210368	306 WEST 54TH STREET	306 WEST 54TH STREET	MANHATTAN
0907998	POLICE DEPT	306 WEST 54TH STREET	NEW YORK
8805694	CHURCH OF SCIENTOLOGY	346 W 48TH ST	MANHATTAN
9413070	346 WEST 48TH ST	346 WEST 48TH ST	MANHATTAN
9501019	250 WEST 61ST STREET	250 WEST 61ST STREET	MANHATTAN
9601705	LIST CAB CO	250 WEST 61ST ST	MANHATTAN
1002285	COLONADE CONDOMINIMUMS	347 WEST 57TH ST	NEW YORK CITY
9513427	30 WEST END AVE	30 WEST END AVE	NEW YORK
0603107	BOTTOM LEAKER IN VAULT 9258	358 W 58 STREET	MANHATTAN
0104650	WEST 44 TH ST	BET 10TH AND 11TH	MANHATTAN
9313467	356 WEST 58TH STREET	356 WEST 58TH STREET	MANHATTAN
9612092	356 WEST 58TH ST	356 WEST 58TH STREET	MANHATTAN
0610839	ON ROADWAY	44TH ST/ 11TH AVE	MANHATTAN
9814358		348-350 W 47TH ST	MANHATTAN
9814731		459 W 44TH ST	NEW YORK
9500225	409 W. 15TH ST	409 W. 45TH STREET	MANHATTAN
0907826	HAMILTON INN	851 8TH AVE	NEW YORK
8900473	HOWARD JOHNSON	869 8TH AVENUE	NEW YORK
9001060	869 8TH AVE/MANHATTAN	869 8TH AVENUE	NEW YORK CITY
0406919	MANHOLE# 30526	WEST 59 ST/COLUMBUS AVE	MANHATTAN
9907103		59TH ST AND 9TH AVE	MANHATTAN
0609885	V# 9188	317 WEST 56 STREET	MANHATTAN
9509421	350 WEST 58TH ST	350 WEST 58TH ST	NEW YORK CITY
8604108	447 WEST 44TH ST	447 WEST 44TH ST	NEW YORK CITY
9509487	363-375 WEST 46TH ST	363-375 WEST 46TH ST	MANHATTAN
9416478	310 W 56TH STREET	310 WEST 56TH STREET	NEW YORK
0904698	VAULT EMIS 217668	300 WEST 55TH ST	MANHATTEN
0602059	VAULT 8783	211 WEST 61ST ST	MANHATTAN
9807712	8TH AV & 56TH ST ASSOCIAT	839 8TH AVENUE	MANHATTAN
9815045		305 W. 50TH ST	MANHATTAN
9004303	325 WEST 57TH ST/MANH	325 WEST 57TH STREET	NEW YORK CITY
0201551	WEST 54TH ST	EIGHT AV	MANHATTAN

9808942	WEST 54TH ST	8TH AV (MANHOLE# 10437)	MANHATTAN
9913415	MANHOLE #58371	54THS ST AND 8TH AVE	MANHATTAN
0202000	MANHOLE M9828	WEST 51ST ST/8TH AVE	MANHATTAN
9511567	24 W. 60TH ST	24 W. 60TH ST	MANHATTAN
9510453	419 WEST 44TH STREET	419 WEST 44TH STREET	MANHATTAN
9308589	939 8TH AVENUE	939 8TH AVENUE	MANHATTAN
8604716	HELICOPTER CRASH AT PIER	PIER 84, 45TH STREET	NEW YORK CITY
9614655	315 W 57TH ST	ON BLACKTOP	MANHATTAN
9306182	643 WEST 43RD STREET	643 WEST 43RD STREET	MANHATTAN
0312362	COMM. BUILDING	602 10TH AVE	MANHATTAN
8911922	W 45TH ST & 9TH AVE/MANH	WEST 45TH ST & 9TH AVENUE	NEW YORK
9302864	165 60TH ST	165 60TH ST	WEST NEW YORK
1112969	CON ED VEHICLE 25071	WEST 50TH ST AND 8TH AVE	NEW YORK
0106315	W 60 ST C41E COLUMBUS AV - TM0821	W. 60TH ST & COLUMBUS AVE	MANHATTAN
0713605	TRUMP CITY PROJECT	WEST END AVE & 62ND STREE	NEW YORK
9512664	849 8TH AVE	840 8TH AVE	MANHATTAN
0710340	OUTSIDE SIDEWALK	840 8TH AVE	MANHATTAN
0100615	IN SUBWAY GRATING	840 8TH AVE	MANHATTAN
0008570	550 WEST 43RD STREET	550 WEST 43RD STREET	NEW YORK
0209252	AMSTERDAM HOUSES -NYCHA	60-70 AMSTERDAM AVE	MANHATTAN
0013535	AMSTERDAM HOUSES -NYCHA	60 AMSTERDAM AVE	MANHATTAN
9815161		437 WEST 43RD ST	MANHATTAN
0003922	THE COLISEUM CENTER	10 COLUMBUS CIRCLE	MANHATTAN
0007619	VAULT 678	10 COLUMBUS CIRCLE	MANHATTAN
0206678	RIVERBANK WEST APARTMENTS	560 WEST 43RD ST	MANHATTAN

NO OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 497 **549 WEST 52ND STREET** **Facility Id: 2-469874** **Source: NYS DEC**
549 WEST 52ND STREET NEW YORK, 10019 TT-Id: 640A-0040-085

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 95 feet to the WSW*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 03/28/2014
Operator Name: ASST. COMMISSIONER/DPM
Operator Phone #: (212) 863-7087
Owner Name: ANNE-MARIE HENDRICKSON - ASSOC
Owner Company: NYC/HPD/DPM
Owner Type: Local Government
Owner Address: 100 GOLD STREET #6Z1, NEW YORK, NY 10038

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Gasoline	5000	Aboveground - In Contact with Soil	01/01/1910		

TANK NUMBER: 001
TANK TYPE: Steel/Carbon Steel/Iron
TK INT. PROTECTION: None
TANK EXT. PROTECTION: Painted/Asphalt Coating
TANK LEAK DETECTN: None
TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None
PIPING LEAK DETECTN:
PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron
PIPING LOCATION: Aboveground/Underground Combination
OVERFILL PROTECTION: Vent Whistle
SPILL PREVENTION:
DISPENSER METHOD: Suction

Map Identification Number 498 **CLINTON PARKVIEW APARTMENTS** **Facility Id: 2-609227** **Source: NYS DEC**
555 WEST 52ND STREET NEW YORK, 10019 TT-Id: 640A-0040-084

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 145 feet to the W*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Trucking/Transportation/Fleet Operation
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: N/A
Operator Phone #:

Owner Name:
Owner Company: MS. MARY DELIA Owner Type: Private Resident
Owner Address: 747 TENTH AVENUE, APT. 14-K, NEW YORK, NY 10019

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	Gasoline	550	Underground			09/01/2003
002	Closed - Removed	Gasoline	550	Underground			09/01/2003
003	Closed - Removed	Gasoline	550	Underground			09/01/2003
004	Closed - Removed	Gasoline	550	Underground			09/01/2003
005	Closed - Removed	Gasoline	550	Underground			09/01/2003
006	Closed - Removed	Gasoline	550	Underground			09/01/2003
007	Closed - Removed	Gasoline	550	Underground			09/01/2003
008	Closed - Removed	Gasoline	550	Underground			09/01/2003
009	Closed - Removed	Gasoline	550	Underground			09/01/2003
010	Closed - Removed	Gasoline	550	Underground			09/01/2003
011	Closed - Removed	Waste Oil/Used Oil	275	Underground			09/09/2003
012	Closed - Removed	Lube Oil	30	Underground			09/01/2003

TANK NUMBER: 001 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 002 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 003 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 004 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 005 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
**** TANK INFO FOR THIS SITE CONTINUES ON NEXT PAGE ****

TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 006 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 007 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 008 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 009 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 010 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 011 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD:

TANK NUMBER: 012 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
**** TANK INFO FOR THIS SITE CONTINUES ON NEXT PAGE ****

OVERFILL PROTECTION: None SPILL PREVENTION: DISPENSER METHOD: Suction

Map Identification Number 499 **552 WEST 53RD STREET** **Facility Id: 2-470619** **Source: NYS DEC**
552 WEST 53RD STREET NEW YORK, 10019 TT-Id: 640A-0035-223

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 172 feet to the NW*

ADDRESS CHANGE INFORMATION
Revised street: 552 WEST 53RD ST
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: ASST. COMMISSIONER/DAMP Operator Phone #: (212) 863-7301
Owner Name: JOE RESTUCCIA - EXECUTIVE DIRECTOR
Owner Company: CLINTON HOUSING WEST 53RD PARTNERS LP @ CLINTON Owner Type: Local Government
Owner Address: HOUSING DEV. CO., 403 WEST 40TH ST., NEW YORK, NY 10018

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	#4 Fuel Oil	1500	Aboveground - In Contact with Soil			03/29/2004
002	Closed - Removed	#4 Fuel Oil	275	Aboveground - In Contact with Soil			03/29/2004

TANK NUMBER: 001 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: Painted/Asphalt Coating TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: Exempt Suction Piping PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Aboveground/Underground Combination
OVERFILL PROTECTION: Vent Whistle SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 002 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION:
TANK EXT. PROTECTION: TANK LEAK DETECTN: TK SEC. CONTAINMNT:
PIPING EXT. PROTECTN: PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: PIPING LOCATION:
OVERFILL PROTECTION: SPILL PREVENTION: DISPENSER METHOD:

Map Identification Number 500 **554 WEST 53 STREET** **Facility Id: 2-470937** **Source: NYS DEC**
554 WEST 53RD STREET NEW YORK, 10019 TT-Id: 640A-0035-224

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 172 feet to the NW*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: ASST. COMMISSIONER/DAMP Operator Phone #: (212) 863-7301
Owner Name: JOE RESTUCCIA - EXECUTIVE DIRECTOR
Owner Company: CLINTON HOUSING WEST 53RD PARTNERS LP @ CLINTON Owner Type: Local Government
Owner Address: HOUSING DEV. CO., 403 WEST 40TH ST., NEW YORK, NY 10018

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	#4 Fuel Oil	3500	Aboveground - In Contact with Soil			06/04/2004

TANK NUMBER: 001 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: Painted/Asphalt Coating TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Aboveground/Underground Combination
OVERFILL PROTECTION: Vent Whistle SPILL PREVENTION: DISPENSER METHOD: Suction

Map Identification Number 501 **NYC HDA DEPT RELOC** **Facility Id: NY07467** **Source: NYC FIRE DEPT**
552 W 52 ST NEW YORK, NY 10019 TT-Id: 660A-0007-440

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 205 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL #4 3000G NO FEE

Map Identification Number 502 **APPLE IND CONDO** **Facility Id: 2-337129** **Source: NYS DEC**
525 WEST 52ND STREET NEW YORK, 10019 TT-Id: 640A-0040-086

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 244 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Manufacturing (Other than Chemical)/Processing
Site Status: Active
Expiration Date of the facility's registration certificate: 02/25/2013
Operator Name: MR WILLIE HOLLINGSWORTH Operator Phone #: (212) 453-9300
Owner Name: GERRY M. RITTERMAN - MANAGER
Owner Company: APPLE IND CONDO Owner Type: Corporate or Commercial
Owner Address: 525 W 52 ST, NEW YORK, NY 10019

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	7000	Aboveground - In Contact with Soil	01/01/1960		

TANK NUMBER: 001
TANK EXT. PROTECTION: None
PIPING EXT. PROTECTN: None
PIPING TYPE: No Piping
OVERFILL PROTECTION: None
TANK TYPE: Steel/Carbon Steel/Iron
TANK LEAK DETECTN: In-Tank System (ATG)
PIPING LEAK DETECTN: Exempt Suction Piping
PIPING LOCATION: No Piping
SPILL PREVENTION: Catch Basin
TK INT. PROTECTION: None
TK SEC. CONTAINMNT: Vault (w/o access)
PIPE SEC. CONTAINMNT: Diking (Aboveground)
DISPENSER METHOD: Suction

Map Identification Number 503 **MERCEDES BENZ MANHATTAN, INC** **Facility Id: 2-344710** **Source: NYS DEC**
770 11TH AVE NEW YORK, 10019 TT-Id: 640A-0035-197

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 287 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Site Status: Active
Expiration Date of the facility's registration certificate: 04/01/2016

Facility Type: Utility (Other than Municipal)

Additional PBS information for this site has been publicly withheld by the NYSDEC. The following is historic data:

TANK INFORMATION
Aboveground tanks: Yes
Underground tanks: Yes

Operator Name: VERIZON NEW YORK INC.
Operator Phone #: (800) 339-6144
Owner Name: JEROME KUNG - MANAGER
Owner Company: VERIZON NEW YORK, INC.
Owner Type: Corporate or Commercial
Owner Address: 221 EAST 37TH STREET, NEW YORK, NY 10036

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed-Rmvd from Ground	UNLEADED GASOLINE	4000	Underground		08/01/1987	05/01/1993
002	Closed-Rmvd from Ground	DIESEL	4000	Underground		11/01/1987	05/01/1993
003	Closed-Rmvd from Ground	UNLEADED GASOLINE	4000	Underground		08/01/1987	05/01/1993
004	Closed-Rmvd from Ground	UNLEADED GASOLINE	280	Aboveground	06/01/1993		07/01/1993
005	In Service	UNLEADED GASOLINE	4000	Underground	07/01/1993		
006	In Service	UNLEADED GASOLINE	4000	Underground	08/01/1993		
007	In Service	DIESEL	4000	Aboveground on Legs Racks Etc	07/01/1993		
008	In Service	USED OIL	280	Aboveground on Legs Racks Etc	07/01/1993		

**** TANK INFO CONTINUES ON NEXT PAGE ****

Map Identification Number 504 **CLINTON MANOR** **Facility Id: 2-055190** **Source: NYS DEC**
535 WEST 51ST STREET NEW YORK, 10019 TT-Id: 640A-0040-229

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 288 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 535 WEST 51ST ST
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 12/30/2016
Operator Name: HAROLD OCHOA
Operator Phone #: (212) 586-1888
Owner Name: JAVIER AYALA - PROPERTY MANAGER
Owner Company: CLINTON MANOR ASSOCIATES
Owner Type: Corporate or Commercial
Owner Address: 535 WEST 51ST STREET, NEW YORK, NY 10019

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
004	In Service	#4 Fuel Oil	20000	Underground	07/01/1979	03/30/2007	

Map Identification Number 505 **CYBERT TIRE CO.** **Facility Id: 2-610990** **Source: NYS DEC**
726 ELEVENTH AVENUE NEW YORK, 10019 TT-Id: 640A-0081-889

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 310 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 726 11TH AVE
Revised zip code: NO CHANGE

Facility Type: Other
Site Status: Active
Expiration Date of the facility's registration certificate: 12/23/2013
Operator Name: JOHN EVERETT
Operator Phone #: (212) 265-1177
Owner Name:
Owner Company: CYBERT TIRE CORP.
Owner Type:
Owner Address: 726 11TH AVE, NEW YORK, NY 10019

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Waste Oil/Used Oil	250	Abovegrnd - In Contact w/Imperv. Barrier	01/01/2004		

Map Identification Number 506 **MOBIL S/S** **Facility Id: 2-400602** **Source: NYS DEC**
783 TENTH AVE NEW YORK, 10019 TT-Id: 640A-0035-228

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 454 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 783 10TH AV
Revised zip code: NO CHANGE

Facility Type: Retail Gasoline Sales
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: VACANT
Operator Phone #:
Owner Name:
Owner Company: NEW YORK CITY
Owner Type: Local Government
Owner Address: 75 MAIDEN LANE, NEW YORK, NY 10038

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
007	Closed - Removed	Empty	550	Underground		05/01/1994	03/26/2001
008	Closed - Removed	Empty	550	Underground		05/01/1994	03/26/2001
003	Closed - Removed	Gasoline	550	Underground		05/01/1994	03/26/2001
004	Closed - Removed	Gasoline	550	Underground		05/01/1994	03/26/2001
005	Closed - Removed	Gasoline	550	Underground		05/01/1994	03/26/2001
006	Closed - Removed	Gasoline	550	Underground		05/01/1994	03/26/2001
002	Closed - Removed	Gasoline	4000	Underground		05/01/1994	03/26/2001
001	Closed - Removed	Diesel	4000	Underground		10/01/1996	03/26/2001

Map Identification Number 507 **AT&T** **Facility Id: 2-341657** **Source: NYS DEC**
811 TENTH AVENUE NEW YORK, 10019 TT-Id: 640A-0035-199

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 461 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 811 10TH AV
Revised zip code: NO CHANGE

Facility Type: Other
Site Status: Active
Expiration Date of the facility's registration certificate: 11/16/2012
Operator Name: RICH DEGI
Operator Phone #: (212) 903-6804
Owner Name:
Owner Company: AT&T CORP.
Owner Type: Corporate or Commercial
Owner Address: 308 S. AKARD ST. RM 1700, DALLAS, TX 75202

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	20000	Aboveground on Crib Rack or Cradle	06/01/1963		
002	In Service	#2 Fuel Oil	20000	Aboveground - In Contact with Soil	06/01/1963		
003	Closed - In Place	#2 Fuel Oil	20000	Aboveground on Crib Rack or Cradle	06/01/1963		08/01/1999
004	In Service	#2 Fuel Oil	20000	Aboveground on Crib Rack or Cradle	06/01/1963		
005	In Service	#2 Fuel Oil	20000	Aboveground on Crib Rack or Cradle	06/01/1983		
006	In Service	#2 Fuel Oil	20000	Aboveground on Crib Rack or Cradle	06/01/1963		
007	Closed - In Place	#2 Fuel Oil	275	Aboveground - In Contact with Soil			07/01/1997
008	Closed - In Place	#2 Fuel Oil	275	Aboveground - In Contact with Soil			07/01/1997
009	Closed - In Place	Empty	20000	Aboveground - In Contact with Soil			07/01/1997
010	Closed - In Place	Empty	20000	Aboveground - In Contact with Soil			07/01/1997
011	Closed - In Place	Empty	20000	Aboveground - In Contact with Soil			07/01/1997
012	Closed - In Place	Empty	20000	Aboveground - In Contact with Soil			07/01/1997
013	Closed - In Place	Empty	20000	Aboveground - In Contact with Soil			07/01/1997
07	Closed - In Place	Empty	20000	Aboveground - In Contact with Soil			07/01/1997
008	In Service	#2 Fuel Oil	20000	Aboveground - In Contact with Soil			
014	In Service	#2 Fuel Oil	540	Aboveground on Crib Rack or Cradle	04/01/1997		
014-A	Closed - In Place	#2 Fuel Oil	540	Aboveground - In Contact with Soil	04/01/1997		07/01/1997
015	In Service	#2 Fuel Oil	540	Aboveground on Crib Rack or Cradle	04/01/1997		
015-A	Closed - In Place	#2 Fuel Oil	540	Aboveground - In Contact with Soil	04/01/1997		07/01/1997
016	In Service	Waste Oil/Used Oil	275	Aboveground on Crib Rack or Cradle			
The following tank(s) were either deleted from the reported data or the number was re-assigned.							
001	Closed-In Place	#1 2 OR 4 FUEL OIL	20000	Aboveground			07/01/1997
002	Closed-In Place	#1 2 OR 4 FUEL OIL	20000	Aboveground			07/01/1997
003	Closed-In Place	#1 2 OR 4 FUEL OIL	20000	Aboveground			07/01/1997
004	Closed-In Place	#1 2 OR 4 FUEL OIL	20000	Aboveground			07/01/1997
005	In Service	#1 2 OR 4 FUEL OIL	20000	Aboveground			
006	In Service	#1 2 OR 4 FUEL OIL	20000	Aboveground			
007	Closed-In Place	#1 2 OR 4 FUEL OIL	275	Aboveground			07/01/1997
008	Closed-In Place	#1 2 OR 4 FUEL OIL	275	Aboveground			07/01/1997
009	Closed-In Place	EMPTY	20000	Aboveground			07/01/1997
010	Closed-In Place	EMPTY	20000	Aboveground			07/01/1997
011	Closed-In Place	EMPTY	20000	Aboveground			07/01/1997
012	Closed-In Place	EMPTY	20000	Aboveground			07/01/1997
013	Closed-In Place	EMPTY	20000	Aboveground			07/01/1997
014	Closed-Conv Non-Reg Use	#1 2 OR 4 FUEL OIL	540	Aboveground	04/01/1997		08/01/1996
014	Closed-In Place	#1 2 OR 4 FUEL OIL	540	Aboveground	04/01/1997		07/01/1997
015	Closed-In Place	#1 2 OR 4 FUEL OIL	540	Aboveground	04/01/1997		07/01/1997
015	Closed-Conv Non-Reg Use	#1 2 OR 4 FUEL OIL	540	Aboveground	04/01/1997		08/01/1996

Map Identification Number 508 **CENTRO MARIA** **Facility Id: 2-109541** **Source: NYS DEC**
539 W 54 ST NEW YORK, 10019 TT-Id: 640A-0035-198

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 471 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 539 W 54TH ST
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 06/05/2012
Operator Name: RELIGIOUS OF MARY IMMACULATE
Operator Phone #: (212) 757-6989
Owner Name: HILDA RAMIREZ - SUPERIOR
Owner Company: CATHOLIC CHARITIES
Owner Type: Private Resident
Owner Address: 1011 FRIST AVE 11TH FLOOR, NEW YORK, NY 10022

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
003	In Service	#2 Fuel Oil	3000	Aboveground on Crib Rack or Cradle	01/01/1935		

Map Identification Number 509 **500 WEST 52 STREET** **Facility Id: 2-607669** **Source: NYS DEC**
500 WEST 52ND STREET NEW YORK, 10019 TT-Id: 640A-0040-230

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 498 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 500 W 52ND ST
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: ASST. COMMISSIONER/DAMP
Operator Phone #: (212) 863-7305
Owner Name:
Owner Company: NYC DEPT HPD
Owner Type: Local Government
Owner Address: 100 GOLD STREET, #7-L2, NEW YORK, NY 10038

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	Closed - Removed	#2 Fuel Oil	5000	Aboveground - In Contact with Soil	06/06/1942		05/04/2011

Map Identification Number 510 **NYC HDA DEPT OF RELOC** **Facility Id: NY07466** **Source: NYC FIRE DEPT**
500 W 52 ST NEW YORK, NY 10019 TT-Id: 660A-0007-432

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 498 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: F O #4 4500G

Map Identification Number 511 **MOBIL R/S #11375** **Facility Id: 2-157899** **Source: NYS DEC**
718 11TH AVENUE NEW YORK, 10019 TT-Id: 640A-0038-708

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 506 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 718 11TH AVE
Revised zip code: NO CHANGE

Facility Type: Retail Gasoline Sales
Site Status: Active
Expiration Date of the facility's registration certificate: 11/18/2015
Operator Name: STATION MANAGER
Operator Phone #: (212) 974-0243
Owner Name: TARONZA L. GRAVES - OWNER'S AUTHORIZED AGENT
Owner Company: LIBERTY PETROLEUM REALTY, LLC
Owner Type: Corporate or Commercial
Owner Address: 6820-B COMMERCIAL DRIVE, SPRINGFIELD, VA 22151

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed Prior to Micro Conversion 03/91	Gasoline	4000	Underground	12/01/1973		
002	Closed - Removed	#2 Fuel Oil	550	Underground	12/01/1944		11/01/1987
003	Closed - Removed	Other	550	Underground	12/01/1944		11/01/1987
004	Closed - Removed	Gasoline	550	Underground	12/01/1932		11/01/1987
005	Closed - Removed	Gasoline	550	Underground	12/01/1932		11/01/1987
006	Closed - Removed	Gasoline	550	Underground	12/01/1927		11/01/1987
007	Closed - Removed	Gasoline	550	Underground	12/01/1927		11/01/1987
008	Closed - In Place	Gasoline	550	Underground	12/01/1927		04/01/2005
009	Closed - In Place	Gasoline	550	Underground	12/01/1927		04/01/2005
010	Closed - In Place	Gasoline	550	Underground	12/01/1927		04/01/2005
011	Closed - In Place	Gasoline	550	Underground	12/01/1927		04/01/2005
012	Closed - In Place	Gasoline	550	Underground	12/01/1927		04/01/2005
013	Closed - In Place	Gasoline	550	Underground	12/01/1927		04/01/2005
101	Closed - Removed	Gasoline	4000	Underground	02/01/1988	08/01/1999	10/01/2002
102	Closed - Removed	Gasoline	4000	Underground	02/01/1988	06/30/2004	03/21/2005

**** TANK INFO CONTINUES ON NEXT PAGE ****

103	Closed - Removed	Gasoline	4000	Underground	02/01/1988	06/30/2004	03/21/2005
104	Closed - Removed	Gasoline	4000	Underground	02/01/1988	06/30/2004	03/21/2005
107	Tank Converted to Non-Regulated Use	Other	1000	Underground	12/01/1989		
108	Closed - Removed	Gasoline	4000	Underground	02/01/1988	06/30/2004	03/21/2005
109	Closed - Removed	#2 Fuel Oil	1000	Underground	12/01/1989		03/21/2005
110	Closed - Removed	Waste Oil/Used Oil	1000	Underground	12/01/1989		03/21/2005
014	In Service	Gasoline	12000	Underground	05/01/2005	08/25/2005	
015	In Service	Gasoline	8000	Underground	05/01/2005	08/25/2005	
016	In Service	Waste Oil/Used Oil	250	Aboveground on Crib Rack or Cradle	06/01/2005		

Map Identification Number 512 **725 11TH AVENUE** **Facility Id: 2-606097** **Source: NYS DEC**
725 11 TH AVENUE NEW YORK, 10019 TT-Id: 640A-0035-227

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 509 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 725 ELEVENTH AVE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 06/26/2016
Operator Name: SAL MOLINARO
Operator Phone #: (212) 496-0839
Owner Name: STEPHEN DENARDO - AGENT
Owner Company: VINCENT DOWNING C/O AJ CLARKE RE CORP
Owner Type: Corporate or Commercial
Owner Address: 1881 BROADWAY, NEW YORK, NY 10023

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	1500	Aboveground - In Contact with Soil	12/23/1953		

Map Identification Number 513 **LEN FRANK** **Facility Id: NY06012** **Source: NYC FIRE DEPT**
725 11 AVE NEW YORK, NY 10036 TT-Id: 660A-0008-036

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 510 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 725 11TH AVE
Revised zip code: 10019

NOTE: This is an archived database

Comments: FUEL OIL #4 1500G

Map Identification Number 514 **501 WEST 51ST STREET** **Facility Id: 2-470600** **Source: NYS DEC**
501 WEST 51ST STREET NEW YORK, 10019 TT-Id: 640A-0040-232

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 539 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 03/28/2009
Operator Name: ASST. COMMISSIONER/DAMP
Operator Phone #: (212) 863-7301
Owner Name:
Owner Company: NYC/HPD/DAMP
Owner Type: Local Government
Owner Address: 100 GOLD ST #7Z5, NEW YORK, NY 10038

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2000	Aboveground - In Contact with Soil			

Map Identification Number 515 **POTAMKIN MITSUBISHI** **Facility Id: 2-342297** **Source: NYS DEC**
706 ELEVENTH AVENUE NEW YORK, 10019 TT-Id: 640A-0035-226

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 551 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 706 11TH AVENUE
Revised zip code: NO CHANGE

Facility Type: Auto Service/Repair (No Gasoline Sales)
Site Status: Active
Expiration Date of the facility's registration certificate: 11/16/2012
Operator Name: POTAMKIN MITSUBISHI
Operator Phone #: (212) 603-7200
Owner Name: GEORGE SPALLINO - MANAGER
Owner Company: POTAMKIN MITSUBISHI
Owner Type: Corporate or Commercial
Owner Address: 706 11TH AVENUE, NEW YORK, NY 10019

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	Empty	1000	Underground	12/01/1962		11/01/2001
002	Closed - Removed	Empty	1000	Underground	12/01/1962		11/01/2001
003	Closed - Removed	Lube Oil	275	Aboveground on Crib Rack or Cradle	11/01/2001		09/01/2010
004	Closed - Removed	Lube Oil	275	Aboveground on Crib Rack or Cradle	11/01/2001		09/01/2010

**** TANK INFO CONTINUES ON NEXT PAGE ****

005	Closed - Removed	Waste Oil/Used Oil	275	Aboveground on Crib Rack or Cradle	11/01/2001	09/01/2010
006	Closed - Removed	Waste Oil/Used Oil	275	Aboveground on Crib Rack or Cradle	11/01/2001	09/01/2010
007	Closed - Removed	Waste Oil/Used Oil	275	Aboveground on Crib Rack or Cradle	11/01/2001	09/01/2010
008	In Service	Lube Oil	1000	Aboveground on Crib Rack or Cradle	08/01/2010	
009	In Service	Waste Oil/Used Oil	1000	Aboveground on Crib Rack or Cradle	08/01/2010	

Map Identification Number 516 **PARK WEST HS** **Facility Id: 2-353612** **Source: NYS DEC**
525 WEST 50TH STREET NEW YORK, 10019 TT-Id: 640A-0040-087

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 562 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 525 W 50 ST
Revised zip code: NO CHANGE

Facility Type: School
Site Status: Active
Expiration Date of the facility's registration certificate: 06/28/2013
Operator Name: PLANT OPERATIONS
Operator Phone #: (718) 349-5400
Owner Name: JAMES A. MERLO - MANAGER, FUEL DIVISION
Owner Company: NEW YORK CITY DEPARTMENT OF EDUCATION
Owner Type: Local Government
Owner Address: 44-36 VERNON BOULEVARD, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#6 Fuel Oil	20000	Aboveground on Crib Rack or Cradle	01/01/1977		
002	In Service	#6 Fuel Oil	20000	Aboveground on Crib Rack or Cradle	01/01/1977		

Map Identification Number 517 **HUDSONVIEW TERRACE APTS** **Facility Id: 2-040541** **Source: NYS DEC**
747 TENTH AVE NEW YORK, 10019 TT-Id: 640A-0040-088

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 562 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 12/02/2011
Operator Name: PHYLISS DEMASSI
Operator Phone #: (212) 265-5868
Owner Name: EMPIRE MGT - SUPERINTENDENT
Owner Company: EMPIRE STATE MGMT.
Owner Type: Corporate or Commercial
Owner Address: 107-129 E. 126TH ST., NEW YORK, NY 10035

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
102	In Service	#6 Fuel Oil	40000	Underground	01/01/1974		

Map Identification Number 518 **CLINTON TOWERS** **Facility Id: 2-611011** **Source: NYS DEC**
790 ELEVENTH AVENUE NEW YORK, 10019 TT-Id: 640A-0081-890

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 575 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 790 11TH AVE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 12/27/2011
Operator Name: JAMES MORAN
Operator Phone #: (212) 247-3033
Owner Name: MARY D'ELIA - PRESIDENT
Owner Company: CLINTON TOWERS HOUSING COMPANY
Owner Type:
Owner Address: 790 ELEVENTH AVE., NEW YORK, NY 10019

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	15000	Underground	01/01/1973	12/16/2008	

Map Identification Number 519 **PHIPPS HOUSES SERIVES** **Facility Id: NY07974** **Source: NYC FIRE DEPT**
790 11 AVE NEW YORK, NY 10019 TT-Id: 660A-0006-750

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 575 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: F O #2 15000G

Map Identification Number 520 **753 10 AVENUE** **Facility Id: 2-606798** **Source: NYS DEC**
753 TENTH AVENUE NEW YORK, 10019 TT-Id: 640A-0040-231

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 589 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 753 10TH AVE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 08/22/2006
Operator Name: ASST. COMMISSIONER/DAMP
Operator Phone #: (212) 863-7301
Owner Name:
Owner Company: NYC/HPD/DAMP
Owner Type: Local Government
Owner Address: 100 GOLD ST., #7Z5, NEW YORK, NY 10038

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Gasoline	2000	Underground			

Map Identification Number 521 **55TH ST TAXI GARAGE INCTHE FOUNDRY** **Facility Id: 2-153451** **Source: NYS DEC**
508 W 55 ST NEW YORK, 10019 TT-Id: 640A-0035-207

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 657 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 508 W 55TH ST
Revised zip code: NO CHANGE

Facility Type: Trucking/Transportation/Fleet Operation
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: CHRIS KRUZ
Operator Phone #: (212) 706-7276
Owner Name: KENNETH MILLER - VICE PRESIDENT FOR DEVELOPMENT
Owner Company: CLINTON 54 LLC
Owner Type: Corporate or Commercial
Owner Address: 1010 AVENUE OF THE AMERICAS 4TH FL., NEW YORK, NY 10018

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
005	Closed - Removed	Gasoline	1100	Underground	03/01/1970		12/01/1999
006	Closed - Removed	Gasoline	1100	Underground			12/01/1999

HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 522 **NYSDEC Name:** **WEST 52ND AFFORDABLE DEVELOPERS LLC** **Facility Id: NYR000189134**

NYSDEC Address: 533-541 W 52ND ST NEW YORK, NY 10019 TT-Id: 740A-0080-106
EPA (RCRA) Name: WEST 52ND AFFORDABLE DEVELOPERS LLC
EPA (RCRA) Address: 533-541 W 52ND ST NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code:

US EPA RCRA Type: LARGE QUANTITY GENERATOR
Notification date: 01/13/2012
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: JAY OSOFSKY Source Type: Notification Contact Phone: 718-875-8160 Contact Info Date: 01/13/2012

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

Map Identification Number 523 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004048070**

NYSDEC Address: #3484-W 52ND ST NEW YORK, NY TT-Id: 740A-0032-002

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 153 feet to the SSE*

ADDRESS CHANGE INFORMATION
Revised street: 525-537 W 52ND ST
Revised zip code: 10019

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	718	KILOGRAMS	GENERATED	2000		

Map Identification Number 524 **NYSDEC Name:** **CLINTON HOUSES PARTNERS LP** **Facility Id: NYR000125187**

NYSDEC Address: 554 W 53RD ST NEW YORK, NY 10019 TT-Id: 740A-0032-008
EPA (RCRA) Name: CLINTON HOUSES PARTNERS LP
EPA (RCRA) Address: 554 W 53RD ST NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 168 feet to the NW*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:

Notification date: 06/07/2004
Incinerator:
Transporter:

Contact Name: PETER NEOFYTIDES Source Type: Implementer Contact Phone: 917-841-3131 Contact Info Date: 01/01/2007
Contact Name: PETER NEOFYTIDES Source Type: Notification Contact Phone: 917-841-3131 Contact Info Date: 06/07/2004

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

Map Identification Number 525 **NYSDEC Name:** **NEW YORK TELEPHONE** **Facility Id: NYD987030806**

NYSDEC Address: 770 11TH AVE-E 54TH ST NEW YORK, NY 10019 TT-Id: 740A-0027-955
EPA (RCRA) Name: NEW YORK TELEPHONE CO
EPA (RCRA) Address: 770 11TH AVE NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 228 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 770 11TH AVE
Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: KENNY JAMES Source Type: Implementer Contact Phone: 212-767-8120 Contact Info Date: 01/01/2007
Contact Name: KENNY JAMES Source Type: Notification Contact Phone: 212-767-8120 Contact Info Date: 03/15/1993

Notification date: 03/15/1993

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	2180	POUNDS	GENERATED	2004		
D018	BENZENE	110	GALLONS	GENERATED	2001		
D001	Solid waste that exhibits the characteristic of ignitability	12	GALLONS	GENERATED	1998	12	1997

Map Identification Number 526 **NYSDEC Name:** **ASTRID OFFSET CORP** **Facility Id: NYR000018515**

NYSDEC Address: 525 WEST 52ND STREET NEW YORK, NY 10019 TT-Id: 740A-0032-000
EPA (RCRA) Name: ASTRID OFFSET CORP
EPA (RCRA) Address: 525 W 52ND ST NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 249 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 01/16/1996
Incinerator:
Transporter:
Contact Name: LARRY LANDON Source Type: Implementer Contact Phone: 212-333-2680 Contact Info Date: 01/01/2007
Contact Name: LARRY LANDON Source Type: Notification Contact Phone: 212-333-2680 Contact Info Date: 01/16/1996

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D011	Silver	315	POUNDS	GENERATED	2001		
D011	Silver	10	GALLONS	GENERATED	1999	120	1996
D002	Solid waste that exhibits the characteristic of corrosivity	55	GALLONS	GENERATED	1998		

Map Identification Number 527 **NYSDEC Name:** **TANA SEYBERT** **Facility Id: NYR000076323**
NYSDEC Address: 525 W. 52ND STREET NEW YORK, NY 10019 TT-Id: 740A-0032-001
EPA (RCRA) Name: TANA SEYBERT
EPA (RCRA) Address: 525 WEST 52ND STREET NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 249 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 525 W 52ND ST
Revised zip code: NO CHANGE

US EPA RCRA Type: LARGE QUANTITY GENERATOR
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 08/25/2005
Incinerator:
Transporter:
Contact Name: CHRISTOPHER SWANSON Source Type: Implementer Contact Phone: 212-453-9300 Contact Info Date: 01/01/2007
Contact Name: CHRISTOPHER SWANSON Source Type: Notification Contact Phone: 212-453-9300 Contact Info Date: 08/25/2005
Contact Name: CHRISTOPHER SWANSON Source Type: Annual/Biennial Report Contact Phone: 212-453-9300 Contact Info Date: 02/26/2008

Historically listed as the following USEPA RCRA Generator Size(s) as well:
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

US EPA RCRA Violations:
Violation Type: Generators - General
Violation Number: 0001 Location: NY
Former Citation: SR - 372.2(a)(2)
Responsible Agency: STATE
Violation Determination Date: 06/28/2004
Violation Return to Compliance: 08/03/2004

Violation Type: Generators - General
Violation Number: 0002 Location: NY
Former Citation: SR - 372.2(b)(3)
Responsible Agency: STATE
Violation Determination Date: 06/28/2004
Violation Return to Compliance: 08/03/2004

Violation Type: Generators - General
Violation Number: 0003 Location: NY
Former Citation: SR - 372.2(a)(8)(i)(a)(2)
Responsible Agency: STATE
Violation Determination Date: 06/28/2004
Violation Return to Compliance: 08/03/2004

Violation Type: Generators - General
Violation Number: 0004 Location: NY
Former Citation: SR - 373-3.9(d)(1)
Responsible Agency: STATE
Violation Determination Date: 06/28/2004
Violation Return to Compliance: 08/03/2004

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	4785	GALLONS	GENERATED	2009	9170	2006
D001	Solid waste that exhibits the characteristic of ignitability	12841	POUNDS	GENERATED	2009	58701	2007
D002	Solid waste that exhibits the characteristic of corrosivity	55	GALLONS	GENERATED	2009	1985	2001

Map Identification Number 528 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004095162**
NYSDEC Address: MH61725-11TH AVE & 52-53RD ST NEW YORK, NY TT-Id: 740A-0027-962

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 307 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: MH61725-11TH AVE / 52-53RD ST
Revised zip code: 10019

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	100	KILOGRAMS	GENERATED	2002		

Map Identification Number 529 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004172623**

NYSDEC Address: 535 W51TH ST. NEW YORK, NY 10022 TT-Id: 740A-0068-752
EPA (RCRA) Name: CON EDISON - SERVICE BOX 9774
EPA (RCRA) Address: 535 W51TH ST. NEW YORK, NY 10022

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 307 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code:

US EPA RCRA Type: LARGE QUANTITY GENERATOR
Land Disposal: Receives offsite waste:
Storer: Treatment facility:

Notification date: None Given
Incinerator:
Transporter:

Contact Name: FRANKLYN MURRAY Source Type: Annual/Biennial Report update with Notification Contact Phone: 212-460-2808 Contact Info Date: 03/23/2010
Contact Name: MICHAEL BETO Source Type: Emergency Contact Phone: 917-337-5519 Contact Info Date: 06/10/2009

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	2600	POUNDS	GENERATED	2009		

Map Identification Number 530 **NYSDEC Name:** **CLINTON GREEN** **Facility Id: NYR000133066**

NYSDEC Address: W 53 ST & 11 AVE NEW YORK, NY 10001 TT-Id: 740A-0029-112
EPA (RCRA) Name: CLINTON GREEN
EPA (RCRA) Address: 500 W 53RD ST NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 331 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: W 53RD ST / 11TH AVE
Revised zip code: 10019

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:

Notification date: 07/19/2005
Incinerator:
Transporter:

Contact Name: STEPHEN BENJAMIN Source Type: Implementer Contact Phone: 212-265-1220 Contact Info Date: 01/01/2007
Contact Name: STEPHEN BENJAMIN Source Type: Notification Contact Phone: 212-262-1220 Contact Info Date: 07/19/2005
Contact Name: STEPHEN BENJAMIN Source Type: Annual/Biennial Report Contact Phone: 212-265-1220 Contact Info Date: 02/03/2006

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	1322820	POUNDS	GENERATED	2005		

Map Identification Number 531 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004096640**
NYSDEC Address: H61725-W 53RD ST & 11TH AVE NEW YORK, NY TT-Id: 740A-0027-961

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 331 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: W 53RD ST / ELEVENTH AVE
Revised zip code: 10019

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	131	KILOGRAMS	GENERATED	2002		

Map Identification Number 532 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004112918**
NYSDEC Address: W 52 ST & 11 AVE MH60136 NEW YORK, NY 10027 TT-Id: 740A-0028-905

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 335 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 52ND ST
Revised zip code: 10019

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D007	Chromium	50	KILOGRAMS	GENERATED	2003		

Map Identification Number 533 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004205258**

NYSDEC Address: 11TH AVE & 52ND ST - MH 33217 NEW YORK, NY 10002 TT-Id: 740A-0073-143
EPA (RCRA) Name: CON EDISON
EPA (RCRA) Address: 11TH AVE & W 52ND ST NEW YORK, NY 10003

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 335 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 52ND ST
Revised zip code:

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: ANTHONY BUDA Source Type: Emergency Contact Phone: 917-440-1809 Contact Info Date: 04/06/2010

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		630	KILOGRAMS	GENERATED	2010		
D008	Lead						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						

Map Identification Number 534 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004150983**
NYSDEC Address: 11TH AVE & 52ND ST NEW YORK, NY TT-Id: 740A-0062-722

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 335 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 52ND ST
Revised zip code: 10019

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		50	KILOGRAMS	GENERATED	2007		
D006	Cadmium						
D007	Chromium						
D008	Lead						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						

Map Identification Number 535 **NYSDEC Name:** **AMERICAN TELEPHONE & TELEGRAPH** **Facility Id: NYD980645832**
NYSDEC Address: 811 10TH AVE NEW YORK, NY 10019 TT-Id: 740A-0027-956
EPA (RCRA) Name: A T & T CORP
EPA (RCRA) Address: 811 10TH AVE NEW YORK, NY 100195042

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 454 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Notification date: 01/15/1998
Land Disposal:
Receives offsite waste:
Incinerator:
Storer:
Treatment facility:
Transporter:

Contact Name: PROMILA E LAL	Source Type: Implementer	Contact Phone:	Contact Info Date: 01/01/2006
Contact Name: PROMILA LAL	Source Type: Notification	Contact Phone: 312-230-5239	Contact Info Date: 01/15/1998
Contact Name: PROMILA E LAL	Source Type: Annual/Biennial Report	Contact Phone: 312-230-5239	Contact Info Date: 02/02/1998

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR
SMALL QUANTITY GENERATOR

US EPA RCRA Violations:

Violation Type: Generators - General
Violation Number: 0001 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 02/03/1984
Violation Return to Compliance: 08/24/1984

Violation Type: Generators - Records/Reporting
Violation Number: 0002 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 04/30/1993
Violation Return to Compliance: 01/25/1996

Violation Type: Generators - General
Violation Number: 0001 Location: NY
Former Citation:
Responsible Agency: EPA
Violation Determination Date: 09/08/2000
Violation Return to Compliance: 10/10/2001

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	350	POUNDS	GENERATED	2005	1894	1998
D009	Mercury	400	POUNDS	GENERATED	1999	3151	1997
U075	Dichlorodifluoromethane	60	POUNDS	GENERATED	1998		
U226	Ethane, 1,1,1-trichloro-	10	POUNDS	GENERATED	1998	400	1992
D002	Solid waste that exhibits the characteristic of corrosivity	25	GALLONS	GENERATED	1997		
D002	Solid waste that exhibits the characteristic of corrosivity	15	POUNDS	GENERATED	1997	960	1992
D008	Lead	240	POUNDS	GENERATED	1997	600	1996
F003	Spent non-halogenated solvents	30	GALLONS	GENERATED	1997		
F005	Spent non-halogenated solvents	200	POUNDS	GENERATED	1997		

Map Identification Number 536

NYSDEC Name: **LUCENT TECHNOLOGIES**
NYSDEC Address: 611 10TH AVE NEW YORK, NY 10019
EPA (RCRA) Name: LUCENT TECHNOLOGIES INC
EPA (RCRA) Address: 811 10TH AVE - 19TH FLOOR NEW YORK, NY 100071866

Facility Id: NYR000070680
TT-Id: 740A-0032-084

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 454 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 811 10TH AVE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 04/28/1999
Incinerator:
Transporter:
Contact Name: ANNETTE RUSSO Source Type: Implementer Contact Phone: 973-606-2893 Contact Info Date: 01/01/2007
Contact Name: ANNETTE RUSSO Source Type: Notification Contact Phone: 973-606-2893 Contact Info Date: 04/28/1999

Historically listed as the following USEPA RCRA Generator Size(s) as well:
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
U075	Dichlorodifluoromethane	25	POUNDS	GENERATED	1999		

Map Identification Number 537 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004141214**
NYSDEC Address: 500 W 54TH STREET MH6326 NEW YORK, NY 10004 TT-Id: 740A-0032-083
EPA (RCRA) Name: CON EDISON
EPA (RCRA) Address: 500 W 54 ST NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 454 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 500 W 54TH ST
Revised zip code: 10019

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: None Given
Incinerator:
Transporter:
Contact Name: MICHAEL DAUGHTREY Source Type: Emergency Contact Phone: 212-580-8383 Contact Info Date: 07/03/2006
Contact Name: MICHAEL DAUGHTREY Source Type: Implementer Contact Phone: 212-580-8383 Contact Info Date: 07/05/2006

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	677	KILOGRAMS	GENERATED	2006		

Map Identification Number 538 **NYSDEC Name:** **BELL ATLANTIC** **Facility Id: NYR000088393**

NYSDEC Address: 811 10TH AVE - 1ST FLOOR NEW YORK, NY 10019 TT-Id: 740A-0027-958
EPA (RCRA) Name: BELL ATLANTIC
EPA (RCRA) Address: 811 10TH AVE - 1ST FLOOR NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 454 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 811 TENTH AVE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: 08/01/2000
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: LEO BUSINELLI Source Type: Implementer Contact Phone: 212-338-7675 Contact Info Date: 01/01/2007
Contact Name: LEO BUSINELLI Source Type: Notification Contact Phone: 212-338-7675 Contact Info Date: 08/01/2000

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

Map Identification Number 539 **EPA (RCRA) Name:** **MOBIL SERVICE STATION** **Facility Id: NY0001492313**

EPA (RCRA) Address: 783 10TH AVE & W 53RD ST NEW YORK, NY 10019 TT-Id: 740A-0074-952
NYSDEC Name: MOBIL OIL CORP
NYSDEC Address: 53RD ST NEW YORK, NY

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 469 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 03/05/1998
Incinerator:
Transporter:
Contact Name: STEVEN TRIFFELETTI Source Type: Implementer Contact Phone: 516-239-5232 Contact Info Date: 01/01/2007
Contact Name: STEVEN TRIFFELETTI Source Type: Notification Contact Phone: 516-239-5232 Contact Info Date: 03/05/1998

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	6300	POUNDS	GENERATED	2001		
D001	Solid waste that exhibits the characteristic of ignitability	110	GALLONS	GENERATED	1998		

Map Identification Number 540 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004208571**
NYSDEC Address: 11TH AVE & 54TH ST NEW YORK, NY TT-Id: 740A-0073-441
MH #33225
EPA (RCRA) Name: CON EDISON MANHOLE
EPA (RCRA) Address: W 54TH ST & 11TH AVE NEW YORK, NY 10019
SW CORNER OF 11TH AVE

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 492 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 54TH ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: None Given
Incinerator:
Transporter:
Contact Name: HERMAN BAKER Source Type: Emergency Contact Phone: 718-267-3853 Contact Info Date: 06/13/2010
Contact Name: HERMAN BAKER Source Type: Implementer Contact Phone: 718-267-3853 Contact Info Date: 07/13/2010

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		300	KILOGRAMS	GENERATED	2010		
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						
D008	Lead						

Map Identification Number 541 **NYSDEC Name:** **CONSOLIDATED EDISON - MH 33225** **Facility Id: NYP004240131**
NYSDEC Address: S/W 11TH AVE & WEST 54TH ST NEW YORK, NY 10019 TT-Id: 740A-0078-493

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 492 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 54TH ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	1500	POUNDS	GENERATED	2011		

NOTE: 2011 waste amounts are for 1/1/11 to 6/7/11 only

Map Identification Number 542 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004161667**
NYSDEC Address: 11 TH AVE & 51 ST NEW YORK, NY TT-Id: 740A-0065-112
EPA (RCRA) Name: CON EDISON
EPA (RCRA) Address: 11TH AVE N OF 51ST ST NEW YORK, NY 10003

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 500 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE / W 51ST ST
Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: DAVID DUKE Source Type: Emergency Contact Phone: 917-559-8971 Contact Info Date: 10/04/2008

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		50	KILOGRAMS	GENERATED	2008		
D006	Cadmium						
D007	Chromium						
D008	Lead						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						

Map Identification Number 543 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004157392**
NYSDEC Address: W. 51ST ST. & 11TH AVENUE NEW YORK, NY 10019 TT-Id: 740A-0061-237
EPA (RCRA) Name: CON EDISON
EPA (RCRA) Address: 51ST ST & 11TH AVE NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 500 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: W. 51ST ST. / 11TH AVENUE
Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: ANTHONY BUDA Source Type: Emergency Contact Phone: 718-267-3852 Contact Info Date: 03/19/2008

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		50	KILOGRAMS	GENERATED	2008		
D006	Cadmium						

NYS DEC Manifested Waste Transactions for NYP004157392 continued --- see previous page

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D007	Chromium						
D008	Lead						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						

Map Identification Number 544 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004046843**

NYSDEC Address: V2314-W 51ST ST NEW YORK, NY 10001 TT-Id: 740A-0025-370
EPA (RCRA) Name: V2314
EPA (RCRA) Address: C/O W.51 ST. AND 11TH AVENUE NEW YORK CITY, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 500 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: W 51ST ST / 11TH AVENUE
Revised zip code: 10019

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: ANTHONY DRUMMINGS Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 01/03/2001
Contact Name: ANTHONY DRUMMINGS Source Type: Annual/Biennial Report Contact Phone: 212-460-3770 Contact Info Date: 01/01/2001

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	1340	KILOGRAMS	GENERATED	1999		

Map Identification Number 545 **NYSDEC Name:** **MOBIL OIL CORP SS #JWN** **Facility Id: NYD986962447**

NYSDEC Address: 718 11TH AVE NEW YORK, NY 10019 TT-Id: 740A-0026-702
EPA (RCRA) Name: MOBIL OIL CORP SS #JWN
EPA (RCRA) Address: 718 11TH AVE NEW YORK, NY 100195047

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 523 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 04/10/1991
Incinerator:
Transporter:
Contact Name: DONNA HYMES Source Type: Implementer Contact Phone: 610-430-8151 Contact Info Date: 07/06/2011
Contact Name: ROSEANN FAVARO Source Type: Notification Contact Phone: 703-849-3330 Contact Info Date: 04/10/1991

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

Map Identification Number 546 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004206084**
NYSDEC Address: S/S W 54TH ST 236 W/O 10TH AVE NEW YORK, NY TT-Id: 740A-0073-451
EPA (RCRA) Name: CON EDISON
EPA (RCRA) Address: 54TH ST & 10TH AVE NEW YORK, NY 10019

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 526 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: W 54TH ST 236FT W OF 10TH AVE
Revised zip code: UNKNOWN

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: None Given
Incinerator:
Transporter:
Contact Name: MICHAEL BETO Source Type: Emergency Contact Phone: 917-337-5519 Contact Info Date: 05/02/2010

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	100	POUNDS	GENERATED	2010		

Map Identification Number 547 **EPA (RCRA) Name:** **CON EDISON** **Facility Id: NYP004205621**

EPA (RCRA) Address:	SS W 54TH ST 236 W OF 10TH AVE	NEW YORK, NY 10019	TT-Id: 740A-0074-636
NYSDEC Name:	CONSOLIDATED EDISON		
NYSDEC Address:	W 54TH ST & 10TH AVE - MH 10411	NEW YORK, NY 10003	

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 526 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: W 54TH ST 236FT W OF 10TH AVE
Revised zip code: NO CHANGE

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal:
Storer:
Receives offsite waste:
Treatment facility:
Notification date: None Given
Incinerator:
Transporter:
Contact Name: STEVEN MARTIS Source Type: Emergency Contact Phone: 917-416-5423 Contact Info Date: 04/17/2010

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		350	KILOGRAMS	GENERATED	2010		
D008	Lead						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						

Map Identification Number 548 **NYSDEC Name:** **CHRYSLER REALTY CORP** **Facility Id: NYR000006106**

NYSDEC Address:	706 11TH AVE	NEW YORK, NY 10019	TT-Id: 740A-0026-704
EPA (RCRA) Name:	CHRYSLER REALTY CORP		
EPA (RCRA) Address:	706 11TH AVE	NEW YORK, NY 100195047	

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 583 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 06/08/1995
Incinerator:
Transporter:
Contact Name: JOSEPH FRANCOMANO Source Type: Notification Contact Phone: 914-639-7387 Contact Info Date: 06/08/1995

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	275	KILOGRAMS	GENERATED	1995		

Map Identification Number 549 **NYSDEC Name:** **POTAMKIN CHRYSLER CORPORATION** **Facility Id: NYD981481765**
NYSDEC Address: 706-11TH AVENUE & WEST 50TH NEW YORK, NY 10019 TT-Id: 740A-0026-705
EPA (RCRA) Name: POTAMKIN CHRYSLER CORP
EPA (RCRA) Address: 705 11TH AVE NEW YORK, NY 100197077

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 583 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 706 11TH AVE
Revised zip code: NO CHANGE

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 04/29/1986
Incinerator:
Transporter:
Contact Name: RAYMOND MEMOLY Source Type: Notification Contact Phone: 212-555-1212 Contact Info Date: 04/29/1986

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR

US EPA RCRA Violations:
The following violation(s) were removed or have been significantly changed by the US EPA.
Violation Area: GENERATOR-MANIFEST REQUIREMENTS
Violation Number: 0001 Location: NY
Citation:
Responsible Agency:
Violation Determination Date: 11/10/1993
Violation Return to Compliance:

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	467	GALLONS	GENERATED	1995	1100	1994
D006	Cadmium	22	GALLONS	GENERATED	1995	43	1994
D001	Solid waste that exhibits the characteristic of ignitability	5666	POUNDS	GENERATED	1992	9280	1988
D006	Cadmium	108	POUNDS	GENERATED	1992		
F002	Spent halogenated solvents	36	GALLONS	GENERATED	1991		
F002	Spent halogenated solvents	145	POUNDS	GENERATED	1991	225	1990

Map Identification Number 550 **NYSDEC Name:** **CONSOLIDATED EDISON - MH 43368** **Facility Id: NYP004219794**

NYSDEC Address: ELY S/E/C W 53 ST & 10 AVE NEW YORK, NY 10013 TT-Id: 740A-0076-430
EPA (RCRA) Name: CON EDISON MANHOLE 43368
EPA (RCRA) Address: ELY & W 53RD ST & 10TH AVE SE COR NEW YORK, NY 10013

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 606 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 10TH AVE / W 53RD ST
Revised zip code: 10019

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Notification date: None Given
Contact Name: FRANK CURTIS Source Type: Emergency Contact Phone: 212-780-3756 Contact Info Date: 11/08/2010
Contact Name: FRANK CURTIS Source Type: Implementer Contact Phone: 212-780-3756 Contact Info Date: 12/08/2010

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		1050	KILOGRAMS	GENERATED	2010		
D008	Lead						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						

Map Identification Number 551 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004095303**
NYSDEC Address: W 53 ST & 10 AVE MH43367 NEW YORK, NY 10027 TT-Id: 740A-0028-906

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 606 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 10TH AVE / W 53RD ST
Revised zip code: 10019

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	773	KILOGRAMS	GENERATED	2002		
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	81	KILOGRAMS	GENERATED	2002		

Map Identification Number 552 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004197174**
NYSDEC Address: W 53 ST & 10 AVE NEW YORK, NY 10008 TT-Id: 740A-0068-389
EPA (RCRA) Name: CON EDISON - MANHOLE 10190
EPA (RCRA) Address: W 53 ST & 10 AVE NEW YORK, NY 10008

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 606 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 10TH AVE / W 53RD ST
Revised zip code: 10019

US EPA RCRA Type: LARGE QUANTITY GENERATOR
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: None Given
Incinerator:
Transporter:
Contact Name: FRANKLYN MURRAY Source Type: Annual/Biennial Report update with Notification Contact Phone: 212-460-2808 Contact Info Date: 03/23/2010
Contact Name: ANTHONY BUDA Source Type: Emergency Contact Phone: 917-440-1809 Contact Info Date: 09/28/2009

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	5000	POUNDS	GENERATED	2009		

Map Identification Number 553 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004110870**
NYSDEC Address: W 52 ST & 10 AVE NEW YORK, NY 10027 TT-Id: 740A-0028-904

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 610 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: W 52ND ST / TENTH AV
Revised zip code: 10019

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	50	KILOGRAMS	GENERATED	2003		
D006	Cadmium	50	KILOGRAMS	GENERATED	2003		

Map Identification Number 554 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004157863**
NYSDEC Address: 11 AVE BETWEEN 51 ST & 50 ST NEW YORK, NY TT-Id: 740A-0062-943

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 611 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 11TH AVE
Revised zip code: 10019

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	5	POUNDS	GENERATED	2008		

Map Identification Number 555 **NYSDEC Name:** **ITI USA CORP** **Facility Id: NYR000079186**

NYSDEC Address: 609 W 51ST ST NEW YORK, NY TT-Id: 740A-0032-007
EPA (RCRA) Name: I P I USA CORP
EPA (RCRA) Address: 609 W 51ST ST NEW YORK, NY 100195008

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 640 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10019

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste: Notification date: 12/10/1999
Storer: Treatment facility: Incinerator:
Transporter:
Contact Name: THOMAS MCGUIRE Source Type: Implementer Contact Phone: 718-994-2000 Contact Info Date: 01/01/2007
Contact Name: THOMAS MCGUIRE Source Type: Notification Contact Phone: 718-994-2000 Contact Info Date: 12/10/1999

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	7500	POUNDS	GENERATED	1999		

NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

NO HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

AIR DISCHARGE FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 556 **53RD ST SERVICE STAT** **Facility Id: 3606100339** **State-county CDS Id: 3606100339**
783 10TH AVE. NEW YORK, NY 10019 State-county NED id:
EPA (FINDS) Name: 53RD ST SERVICE STAT TT-ID: 900A-0004-295
EPA (FINDS) Address: 783 10TH AVE. NEW YORK 10019

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 477 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

CDS-ID: 00339 NED-ID: None Given EPA-ID: NY0001492313 FINDS-ID: NY0001492313
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: IN COMPLIANCE - INSPECTION

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: VOLATILE ORGANIC COMPOUNDS
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION

Map Identification Number 557 **MOBIL** **Facility Id: 3606100323** **State-county CDS Id: 3606100323**
718 11TH AVE MANHATTAN, NY 10019 State-county NED id:
EPA (FINDS) Name: MOBIL TT-ID: 900A-0004-005
EPA (FINDS) Address: 718 11TH AVE MANHATTAN 10019

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 503 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

CDS-ID: 00323 NED-ID: None Given EPA-ID: NYD986962447 FINDS-ID: NYD986962447
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: IN COMPLIANCE - INSPECTION

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: VOLATILE ORGANIC COMPOUNDS
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION

NO CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

NO NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS - "E" DESIGNATION SITES IDENTIFIED WITHIN 250 FT SEARCH RADIUS

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) SPILLS
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
530-548 West 53rd Street
New York, NY 10019

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

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Unmappable facilities for 'New York' County

NPL/CERCLIS/NYSDEC Inactive Haz. Waste or Reg. Qual. Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYD980531578	LEROY SHOT & LEAD WORKS	UNKNOWN	NEW YORK	UNKNOWN

Brownfields Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
C231028	NEW YORK TIMES BUILDING	820 EIGHTH AVENUE	NEW YORK	UNKNOWN

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
31D02	PENN CENTRAL DEMO			UNKNOWN
31T06	N.Y. CARTING T.S.			UNKNOWN
		WEST 79TH STREET	MANHATTAN	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1108592	TANK TEST FAILURE TTF	500 ACE AVE	MANHATTEN	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1109543	MANHOLE 24957	AMSTERDAM AVE	MANHANTAN	UNKNOWN
1105389	EAST 13TH ST & ASTORIA ANNEX SUBSTATIONS	BETWEEN 2 STATIONS	MANHATTAN/QUEENS	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9930008	VARIOUS LOCATIONS DRUMS	DRUMS VARIOUS LOCATIONS	NEW YORK CITY (5 BOROS)	UNKNOWN

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9603272	BERTH 86	BERTH 86	NYC	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9001811	PIER #192	PORT AUTHORITY PIER #192	NEW YORK	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0890316	208926; W 57 ST 440	W 57 ST 440		10019
9314159	IN HUDSON RIVER-HARLEM RI	IN HUDSON RIVER-HARLEM RI	BRONX	UNKNOWN
9200733	G W BRIDGE MID CHANNEL	G W BRIDGE MID CHANNEL	BRONX	UNKNOWN
0411062	UPPER DECK OF GEORGE WASH	S/B OF PALISADE	BRONX	UNKNOWN
0209904	VARIOUS DEP -BWSO SITES	MISC.	BRONX/QUEENS/MANHATTAN	UNKNOWN
9909356	MANHOLE 42241	CENTER ISLAND & PARK RD	MANHATTAN	UNKNOWN
9909292	UPPER NY BAY	NEAR BATTERY PARK	MANHATTAN	10004
9906142	HUDSON RIVER	NEAR HUDSON RIVER PARKWAY	MANHATTAN	10032
9903608	MANHOLE 107	55TH STREET	MANHATTAN	UNKNOWN
9900428	HARLEM RIVER AT THE	HUDSON RIVER	MANHATTAN	UNKNOWN
9804732	WESTSIDE HIGHWAY	WESTSIDE HIGHWAY	MANHATTAN	UNKNOWN
9702606	UPPER BAY	HUDSON RIVER	MANHATTAN	UNKNOWN
9609739	HUDSON RIVER	BTWN 155TH ST & 42ND ST	MANHATTAN	UNKNOWN
9503001	57TH ST & 72ND ST	57TH ST & 72ND ST	MANHATTAN	UNKNOWN
9413538	STERLING RD & UNION PK RD	STERLING RD & UNION PK RD	MANHATTAN	UNKNOWN
9314207	N.E. CORN OF 45TH STREET	N.E. CORN OF 45TH STREET	MANHATTAN	UNKNOWN
9313551	ADMINISTRATIVE CLOSURE	35 WEST END AVE.	MANHATTAN	10023
9307684	HUDSON RIVER	HUDSON RIVER	MANHATTAN	UNKNOWN

9307242	BRIDGE TO B‘WAY.EXPRESSWA	BRIDGE TO B‘WAY.EXPRESSWA	MANHATTAN	UNKNOWN
9306911	HUDSON RIVER	HUDSON RIVER	MANHATTAN	UNKNOWN
9304009	WIB0055 OUTFALL	WIB0055 OUTFALL	MANHATTAN	UNKNOWN
9304008	HUDSON RIVER E.WIB 053 OU	HUDSON RIVER E.WIB 053 OU	MANHATTAN	UNKNOWN
9303117	WEST MORRISON & MORRISON	WEST MORRISON & MORRISON	MANHATTAN	UNKNOWN
9006769	RESTAURANT/UNK ADDRESS	UNKNOWN	MANHATTAN	UNKNOWN
8911710	1402 8TH AVE	1402 8TH AVE	MANHATTAN	UNKNOWN
8504758	MANHATTAN	MANHATTAN	MANHATTAN	UNKNOWN
8503796	MANHATTAN	MANHATTAN	MANHATTAN	UNKNOWN
8503779	MANHATTAN	MANHATTAN	MANHATTAN	UNKNOWN
8503506	MANHATTAN	MANHATTAN	MANHATTAN	UNKNOWN
8503421	MANHATTAN	MANHATTAN, EAST RIVER	MANHATTAN	WHR10
8503366	MANHATTAN, NYC	MANHATTAN, HUDSON RIVER	MANHATTAN	WHR10
8503301	MANHATTAN	MANHATTAN	MANHATTAN	UNKNOWN
8503107	MANHATTAN	MANHATTAN	MANHATTAN	UNKNOWN
8202132	WEST END AVE	WEST END AVE.	MANHATTAN	UNKNOWN
1101432	ROADWAY	CANAL AND FRONT STREET	MANHATTAN	UNKNOWN
1012387	A LINE SUBWAY STATION	BROADWAY SUBWAY STATION	MANHATTAN	UNKNOWN
1009165	222015; ADAM	ADAM	MANHATTAN	UNKNOWN
1009163	222000; ADAM	ADAM	MANHATTAN	UNKNOWN
1009149	221851; W ST	W ST	MANHATTAN	UNKNOWN
1009064	221235; W 54 ST	W 54 ST	MANHATTAN	10019
1009060	221212; 10 AVE	10 AVE	MANHATTAN	UNKNOWN
1009056	221185; 56 ST	56 ST	MANHATTAN	UNKNOWN
1009052	221114; W 44 ST	W 44 ST	MANHATTAN	10036
1009050	221105; W 58 ST	W 58 ST	MANHATTAN	10019
1009030	220841; MARGINAL ST	MARGINAL ST	MANHATTAN	UNKNOWN
1009027	220805; 9 AVE AVE	9 AVE AVE	MANHATTAN	UNKNOWN
1008985	220219; MARGINAL ST	MARGINAL ST	MANHATTAN	UNKNOWN
1008933	219796; 61 ST	61 ST	MANHATTAN	UNKNOWN
1004493	NYCDEP SEWAGE SPILL	HARLEM RIVER DRIVE / AMSTERDAM AVE	MANHATTAN	UNKNOWN
0910600	MANHOLE # 5107	NORTH SIDE OF EAST NEW YORK AVE	MANHATTAN	UNKNOWN
0901339	CON EDISON VAULT 1275	4662 11TH AVE	MANHATTAN	UNKNOWN
0706706	STEAM LEAK	W 57TH ST	MANHATTAN	10019
0610343	SHAFT #33B	60TH STREET	MANHATTAN	UNKNOWN
0502596	MANHOLE # 40053	9TH AVE/DIAGNAL STREET	MANHATTAN	UNKNOWN
0502491	MANHOLE #31256	75 FT EAST OF 9TH AVE, DI	MANHATTAN	UNKNOWN
0500598	NEW YORK HARBOR	NEW HARBOR	MANHATTAN	UNKNOWN
0403144	NEW YORK HARBOR ANCHORAGE	NEW YORK HARBOR	MANHATTAN	UNKNOWN
0402835	UNKNOWN CON ED STRUCTURE	NORTHEAST CORNER AND EAST	MANHATTAN	UNKNOWN
0402022	HUDSON RIVER	W. 51ST ST./W. 53RD	MANHATTAN	UNKNOWN
0311532		UNKNOWN	MANHATTAN	UNKNOWN
0310896	NEW YORK HARBOR	NEW YORK HARBOR	MANHATTAN	UNKNOWN
0310117	MANHOLE #33170	WEST 45TH ST	MANHATTAN	10036
0304198	BULDING BETWEEN 25 AND	26TH ST HAYWOOD BUILDING	MANHATTAN	UNKNOWN
0206281	PARKING LOT	BULKHEAD/57TH ST	MANHATTAN	UNKNOWN
0109755	FEEDER 38 M72	W 49TH ST & E 65TH SUBSTA	MANHATTAN	UNKNOWN
0009680	EMPIRE LINE BETWEEN	42ND/72ND ST	MANHATTAN	UNKNOWN
0004099	HUDSON RIVER BY	48TH STREET	MANHATTAN	10036
1006338	RAW SEWAGE	UNKNOWN	MANHATTEN	UNKNOWN
9909792	MANHOLE 621845	WEST 49TH ST	NEW YORK	UNKNOWN
9905530	VARIOUS LOCAIONS	CITY AND WESTCHESTER	NEW YORK	UNKNOWN
9808577		1500 HARVARD BLVD	NEW YORK	UNKNOWN
9307145	G. WASHINGTON BRDG &	LINCOLN TUNNEL & WASH. BR	NEW YORK	UNKNOWN
9113202	77 ST. TO 53 ST. IN MAN.	77TH ST TO 53RD ST	NEW YORK	UNKNOWN
8907255	HERTZ RENT A CAR/MANH		NEW YORK	UNKNOWN
8604519	NEW YORK	NEW YORK	NEW YORK	UNKNOWN
8504836	WATER FRONT MANHATTAN	WATER FRONT MANHATTAN	NEW YORK	UNKNOWN
0912498	4549 VAULT	IN FRONT 0F 265 45TH ST	NEW YORK	UNKNOWN
0910547	FREEDMAN	825 WESTERN AVE	NEW YORK	UNKNOWN

0814250	212275; 410−416 54 ST	410−416 54 ST	NEW YORK	UNKNOWN
0801987	PORT OF ELIZABETH	APM TERMINAL −BERTH AV8	NEW YORK	UNKNOWN
0701280	DUMPSTER	57TH STREET & CENTRAL PAR	NEW YORK	UNKNOWN
0409177	BETWEEN 62ND & 63RD STREET	6TH AVE BET 62ND & 63RD ST	NEW YORK	UNKNOWN
0406845		BAYWAY TERMINAL−LINDEN NJ	NEW YORK	UNKNOWN
0210329	OSTANKINO	NEW YORK	NEW YORK	UNKNOWN
0210315	PEARLMAR	NEW YORK	NEW YORK	UNKNOWN
0110864	ON MARIA KNUTSEN VESSEL	KINDER MORGAN DOCK 4	NEW YORK	UNKNOWN
9403600	HUDSON RIVER	HUDSON RIVER	NEW YORK CITY	UNKNOWN
9003659	HUDSON RIVER/HARLEM RIVER	HUDSON RIVER/HARLEM RIVER	NEW YORK CITY	UNKNOWN
9002947	HUDSON & HARLEM RIVER/BX	HUDSON & HARLEM RIVER	NEW YORK CITY	UNKNOWN
8606984	UNKNOWN ADDRESS !	UNKNOWN	NEW YORK CITY	UNKNOWN
8600334	PENN YARDS SHEEN,MANHATTA	72ND ST−PENN YD−LINCOLN W	NEW YORK CITY	UNKNOWN
9207036	BUOYS 22 & 24	BUOYS 22 & 24	NY	UNKNOWN
9112696	BARGE	BARGE	NYC	UNKNOWN
9710928	HUDSON RIVER	UNK	QUEENS	UNKNOWN
8607173	UNK	UNKNOWN	UNKNOWN	UNKNOWN
9302505	WESTSIDE HOBOKEN N.J.	HUDSON RIVER −HOBOKEN N.J	WESTSIDE HWY	UNKNOWN

Hazardous Spills − MISC. SPILL CAUSES − Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0500536	VAULT 1236	218 FLOORWAY AND 8TH AVE		UNKNOWN
1010037	DRILL	DRILL	DRILL	UNKNOWN
9907952	VAULT #6061	WEST SIDE OF 8TH AVE	MANHATTAN	UNKNOWN
9907607	CANAL	SANITATION	MANHATTAN	UNKNOWN
9804785	APT 4J−	10 BAY STREET LANDING	MANHATTAN	UNKNOWN
9714182	125TH STREET TO	62 ND STREET	MANHATTAN	UNKNOWN
9713418	UNKNOWN	UNKNOWN	MANHATTAN	UNKNOWN
9606335	SUBSTATION−WEST 56TH ST	WEST 56TH STREET	MANHATTAN	10019
9512157	801 60TH ST	801 60TH ST	MANHATTAN	UNKNOWN
9414330	5 MORGAN CT	5 MORGAN CT	MANHATTAN	UNKNOWN
9410330	115 LAKE ROAD	115 LAKE ROAD	MANHATTAN	UNKNOWN
9410134	ALLEY NEXT TO BUILDING	550 W. 712ND ST.	MANHATTAN	10023
9402295	LOWER LEVEL EB #12	LOWER LEVER EB #12	MANHATTAN	UNKNOWN
9312697	HUDSON RIVER	HUDSON RIVER	MANHATTAN	UNKNOWN
9312441	35 GROSS STREET	35 GROSS STREET	MANHATTAN	UNKNOWN
9310279	WESTSIDE HWY.	WESTSIDE HIGHWAY	MANHATTAN	UNKNOWN
9308561	48TH STREET	48TH STREET	MANHATTAN	UNKNOWN
9013328	W49TH ST TO W65TH ST S/S	W49TH ST TO W65TH ST S/S	MANHATTAN	UNKNOWN
1010077	# 7 SUBWAY LINE	STEINWAY TUBE C1 C2	MANHATTAN	UNKNOWN
0805624	ROADWAY	WEST 54TH ST	MANHATTAN	10019
0709465	NEW YORK HARBOR	UNKNOWN STREET ADDRESS	MANHATTAN	UNKNOWN
0707949	LINCOLN TUNNEL	43RD STREET	MANHATTAN	UNKNOWN
0506125	VERRAZANO BRIDGE	NO STREET ADDRESS	MANHATTAN	UNKNOWN
0503466	TRANSFORMER#753	WEST 46TH STREET	MANHATTAN	10036
0500954	FRONT OF	25 GRANITE STREET	MANHATTAN	UNKNOWN
0401661	MANHATTAN GRID CHAMBER	MAHATTAN GRID	MANHATTAN	UNKNOWN
0401520	MANHATTAN GRID CHAMBER	MANHATTAN GRID CHAMBER	MANHATTAN	UNKNOWN
0400774	HUDSON TRANSIT	WEST 46TH STREET	MANHATTAN	10036
0307439	HUDSON RIVER	HUDSON RIVER WAY	MANHATTAN	UNKNOWN
0212482	NORTH RIVER REGULATOR 21	NORTH RIVER REGULATOR 21	MANHATTAN	UNKNOWN
0109602	WESTSIDE PLAZA	NO ADDRESS(WESTSIDE PLAZA	MANHATTAN	UNKNOWN
0013621	PIER 45	NORTH RIVER	MANHATTAN	UNKNOWN
0012765	BETWEEN W49TH SUBSTATION	& SPRAINBROOK SUBSTATION	MANHATTAN	UNKNOWN
0012470		CHURCH ST/WEST 43RD ST	MANHATTAN	UNKNOWN
0011747	HUDSON RIVER @	BATTERY PARK	MANHATTAN	UNKNOWN
0010334	MANHOLE 32381	SE CORNER WEST 44TH ST	MANHATTAN	10036
0008112	SUBSTATION	W 56TH ST	MANHATTAN	10019
0004534	FEEDER M52	WEST 49TH & SPRINGBROOK	MANHATTAN	UNKNOWN
0708382	AMTRACK	TUNNEL #3 BETWEEN MADISON	MANHATTEN	UNKNOWN

9913793		2323 E 66TH ST	NEW YORK	UNKNOWN
9611244	BTWN EAST 13TH TO WEST 49TH SS	WEST 49TH ST	NEW YORK	UNKNOWN
1108305	RELAY ROOM FOR NYC TRANSIT	SOUTH ST AND ADMIRAL GEORGE DEWEY	NEW YORK	UNKNOWN
1101338	COMMERCIAL BLD	150 BARRACK ST	NEW YORK	UNKNOWN
1010611	PRINCESS K OVERFILL	LAT 40/37.9 LONG 74/ 3.7	NEW YORK	UNKNOWN
1007852	ROADWAY	WEST 772ND ST AND COLUMBUS AVE	NEW YORK	UNKNOWN
0810612	LAT 40-3942.8 SEC NORTH LONG-74.343SW	PORT JERSEY CHANNEL	NEW YORK	UNKNOWN
0808382	13 TH MANHATTEN CHAMBER	13 TH MANHATTEN CHAMBER	NEW YORK	UNKNOWN
0409938	NEW YORK IM TTDOCK A	NEW YORK IM TT DOCK	NEW YORK	UNKNOWN
0310659	GREYSEND ANCHORAGE PORT	UNKNOWN	NEW YORK	UNKNOWN
9606764	FEEDER #71	DUNWOODIE TO RAINEY	NEW YORK CITY	UNKNOWN
9004112	BARGE E-15/HUDSON RIVER	BARGE E-15/HUDSON RIVER	NEW YORK CITY	UNKNOWN
8802750	44TH STREET/MANHATTAN	44TH STREET	NEW YORK CITY	UNKNOWN
0207606	188TH STREET AND	188TH ST & COLUMBUS AVE	NEW YORK CITY	UNKNOWN
0402464	IN FLIGHT	AIR	NY	UNKNOWN
9705377	HUDSON TANK TERMINAL	UNKNOWN	STATEN ISLAND	UNKNOWN
9609013	HUDSON RIVER	NAVY PIER	STATEN ISLAND	UNKNOWN
9501840	UNKNOWN LOCATION	UNKNOWN LOCATION	WESTCHESTER	UNKNOWN

Petroleum Bulk Storage Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NY07443	NYC FIRE		NEW YORK	UNKNOWN
2-157856	MOBIL S/S 1 JBWBT ARDOR GARAGE	MOBIL S/S 1 (JBWBT ARDOR GARAGE)	NY	UNKNOWN

Hazardous Waste Generation or Transport Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYN20002A347				UNKNOWN
NYP004179198	CONSOLIDATED EDISON	104 WEST END RIVERSIDE	MANHATTAN	UNKNOWN
NYP004181152	CONED	MH SV-13	MANHATTAN	UNKNOWN
NYP004188199	CONSOLIDATED EDISON	514 57TH STREET	MANHATTAN	UNKNOWN
NYP004407967	CONSOLIDATED EDISON	ILLEGIBLE	MANHATTAN	UNKNOWN
NY0000010363	NYCDOT	N/S	N/S	UNKNOWN
NYP004077467	CONSOLIDATED EDISON	MH37962-SAINT JOHN	N/S	UNKNOWN
NY0001492313	MOBIL OIL CORP	53RD ST	NEW YORK	10019
NY0005000575	JOHN DOE	DELETE	NEW YORK	UNKNOWN
NYD000146548	NEW YORK CITY DEPT OF GENERAL SERVICES	51ST STREET	NEW YORK	UNKNOWN
NYD004064622	CONSOLIDATED EDISON	N/S	NEW YORK	UNKNOWN
NYD981887194	METRO-NORTH RAILROAD	FORMER DISTRIBUTION CENTER	NEW YORK	UNKNOWN
NYD982272106	CONSOLIDATED EDISON COMPANY OF NEW YORK	WEST 51ST STREET	NEW YORK	UNKNOWN
NYP000007732	NYCTA	N/S	NEW YORK	UNKNOWN
NYP000915488	CON EDISION - WTC AREA	VARIOUS WTC LOCATIONS VARIOUS	NEW YORK	UNKNOWN
NYP000918558	NYCTA	N/S	NEW YORK	UNKNOWN
NYP000956631	VERIZON NEW YORK INC MANHOLE	50TH ST	NEW YORK	UNKNOWN
NYP000958231	VERIZON NEW YORK INC. MANHOLE	11TH AVE	NEW YORK	UNKNOWN
NYP003661808	NYC DEP	55TH ST & 219	NEW YORK	UNKNOWN
NYP004016986	CONSOLIDATED EDISON	MH62184-10TH AVE & WITTI ST	NEW YORK	UNKNOWN
NYP004020566	CONSOLIDATED EDISON	V5715-READERS DIGEST	NEW YORK	UNKNOWN
NYP004031043	CONSOLIDATED EDISON	W 51ST ST	NEW YORK	10019
NYP004033411	CONSOLIDATED EDISON	V0155	NEW YORK	UNKNOWN
NYP004037867	CONSOLIDATED EDISON	V2801-W 395TH ST	NEW YORK	UNKNOWN
NYP004039633	CONSOLIDATED EDISON	VS0618-N/S	NEW YORK	UNKNOWN
NYP004048708	CONSOLIDATED EDISON	614145 M E	NEW YORK	UNKNOWN
NYP004050092	CONSOLIDATED EDISON	V5105-F/O 101 WHO ST	NEW YORK	UNKNOWN
NYP004056701	CONSOLIDATED EDISON	N/S	NEW YORK	UNKNOWN
NYP004056958	CONSOLIDATED EDISON	V1069-W 50TH ST	NEW YORK	UNKNOWN
NYP004060125	CONSOLIDATED EDISON	W HOYH ST & 50TH AVE	NEW YORK	10019
NYP004063392	CONSOLIDATED EDISON	496 GLEN AVE	NEW YORK	UNKNOWN
NYP004066676	CONSOLIDATED EDISON	MH61062	NEW YORK	UNKNOWN
NYP004068078	CONSOLIDATED EDISON	TM3481	NEW YORK	UNKNOWN
NYP004072153	CONSOLIDATED EDISON	MH73305	NEW YORK	UNKNOWN

NYP004072385	CONSOLIDATED EDISON		209 FLORENCE AVE	NEW YORK	UNKNOWN
NYP004076295	CONSOLIDATED EDISON		MH27243-BROWN	NEW YORK	UNKNOWN
NYP004083804	CONSOLIDATED EDISON		BER BOX 54269	NEW YORK	UNKNOWN
NYP004086419	CONSOLIDATED EDISON		SB44720-54TH ST	NEW YORK	UNKNOWN
NYP004100384	CONSOLIDATED EDISON		136 N MAIN ST	NEW YORK	UNKNOWN
NYP004107728	CONSOLIDATED EDISON		MH43221-NEC 10TH AVE	NEW YORK	UNKNOWN
NYP004110201	CONSOLIDATED EDISON		V3480 / 92-104 CODA ST	NEW YORK	UNKNOWN
NYP004112173	CON EDISON - EXC 10021		WEST 55 TO WEST 58 ST / 10TH A	NEW YORK	10019
NYP004144119	CONSOLIDATED EDISON		MH11077	NEW YORK	UNKNOWN
NYP004144190	CONSOLIDATED EDISON		413TH ST & 220TH ST	NEW YORK	UNKNOWN
NYP004146122	CONSOLIDATED EDISON		MANSION & MCKINLEY DUNWOODIE	NEW YORK	UNKNOWN
NYP004160701	CONSOLIDATED EDISON		405 & 11 AVENUE M/H 33138	NEW YORK	UNKNOWN
NYP004172649	CONSOLIDATED EDISON		557 51TH ST.	NEW YORK	UNKNOWN
NYP004173522	CONSOLIDATED EDISON		1000 FAIRWAY LANE	NEW YORK	UNKNOWN
NYP004174140	CONSOLIDATED EDISON		WASHINGTON HEIGHTS	NEW YORK	UNKNOWN
NYP004174330	CONSOLIDATED EDISON		W 54TH ST FRONT 907	NEW YORK	10019
NYP004179164	CONSOLIDATED EDISON		F/O BUILDING 826 FREDDRICK DOUGLAS HOUSE	NEW YORK	UNKNOWN
NYP004179271	CONED		75 E BLD 1	NEW YORK	UNKNOWN
NYP004179297	CONSOLIDATED EDISON		F/O 281 E DROMBE AVE	NEW YORK	UNKNOWN
NYP004189023	CONSOLIDATED EDISON		F/O 1731 EAST AVE.	NEW YORK	UNKNOWN
NYP004191342	CONSOLIDATED EDISON		50' S OF LAFAYETTE & RIVERDALE	NEW YORK	UNKNOWN
NYP004196879	CONSOLIDATED EDISON		NORTH SIDE OF JOHN ST 75' EAST	NEW YORK	UNKNOWN
NYP004202487	CONSOLIDATED EDISON		F/O 181 MOTT ST	NEW YORK	UNKNOWN
NYP004213856	CONSOLIDATED EDISON		F/O/SO WEST 55TH ST	NEW YORK	10019
NYP004217703	CONSOLIDATED EDISON		MH2721 - CEDAR & PALMER	NEW YORK	UNKNOWN
NYP004224846	CONED -		NO ADDRESS INFO ON MANIFEST	NEW YORK	UNKNOWN
NYP004226629	CONED		W 1321TH ST	NEW YORK	UNKNOWN
NYP004226710	CONED		FLO 55	NEW YORK	UNKNOWN
NYP004226751	CONED		FLO 49	NEW YORK	UNKNOWN
NYP004226769	CONED		FLO 61	NEW YORK	UNKNOWN
NYP004236255	CON EDISON MANHOLE 46759		W 53RD ST & 6TH AVE NW COR	NEW YORK	10019
NYP004240123	CONED		MANHOLE 1794	NEW YORK	UNKNOWN
NYP004241378	CONED		29 SAINT ANDREWS ST AND	NEW YORK	UNKNOWN
NYP004241923	CONED		53RD AVE	NEW YORK	UNKNOWN
NYP004245866	CONED		GAS DRIP 501	NEW YORK	UNKNOWN
NYP004246510	CONED		24 OLD ISLIP ST	NEW YORK	UNKNOWN
NYP004703834	CONSOLIDATED EDISON		MH26764	NEW YORK	UNKNOWN
NYR000034058	NYCTA		CONTRACT #S-34505 - RM 819	NEW YORK	UNKNOWN
NYR000050625	NYCTA		606W FROST	NYC	UNKNOWN

Hazardous Substance Waste Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NY0081	ROUTE 9A - MANHATTAN	WEST SIDE HIGHWAY	NEW YORK CITY	UNKNOWN

Wastewater Discharges

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NY0200794				UNKNOWN
NYU200032	CONSOLIDATED EDISON COMPANY			UNKNOWN
NY0036315	SHERMAN (V) WWTP	PO BOX 101	SHERMAN	147810101

Air Releases

FACILITY ID	FACILITY NAME		STREET	CITY	ZIP
3606100080	NYCHA-FOSTER HOUSING		NO STREET ADDRESS	NEW YORK	UNKNOWN
3606100129	NAVY DIST COMMANDER		NO STREET ADDRESS	NEW YORK	UNKNOWN
3606100431	CUMBERLAND FARMS INC.		777 DEDHAM STREET	NEW YORK	UNKNOWN
3606100495	FEILER BROS CORP		ROOM 1700	NEW YORK	UNKNOWN
3606100552	ACADEMY CONSTRUCTION		NO STREET ADDRESS	NEW YORK	UNKNOWN
3606180051	FEILER BROS CORP		ROOM 1700	NEW YORK	UNKNOWN
3606100558	SOS INTERNATIONAL		BOX 2976 CHURCH STAT	NEW YORK CITY	UNKNOWN
NY061X0NP	MIDTOWN HOLDING CO	NEW YORK	NO STREET ADDRESS	NO CITY NAME	UNKNOWN

NY061X2DR	UNIHAB CO	NEW YORK	NO STREET ADDRESS	NO CITY NAME	UNKNOWN

Hazardous waste codes presented in individual Toxic Information Profiles are defined below.

B002 Petroleum oil or other liquid containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

B003 Petroleum oil or other liquid containing 500 ppm or greater of PCBs.

B007 Other PCB Wastes including contaminated soil, solids, sludges, clothing, rags, and dredge material.

D001 Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.

D002 Solid waste that exhibits the characteristic of corrosivity, but is not listed under any other hazardous waste code.

D006 Cadmium

D007 Chromium

D008 Lead

D009 Mercury

D011 Silver

D018 BENZENE

F002 The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

F003 The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

F005 The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

K078

U075 Dichlorodifluoromethane

U226 Ethane, 1,1,1-trichloro-

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a digital version of the U. S. Census map or those used by local authorities using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each Toxic Site Profile, along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12 Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a digital version of the street or parcel map. These site locations are identified with the method used to map them.

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

2) Some toxic sites are located using map coordinates provided by site owners/ operators or government agencies. These site locations are identified "map coordinate." Map coordinates for Toxic Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect.

or Manual Mapping

or Site Visit

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Environmental Reports contain government and other information compiled on 21 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **National Priority List for Federal Superfund Cleanup:** Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. Also includes delisted NPL sites.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
Data attributes updated from: 4/16/2012. Data obtained by Toxics Targeting: 4/16/2012.
New Facilities updated through: 4/16/2012. Data obtained by Toxics Targeting: 4/16/2012.

2) **Inactive Hazardous Waste Disposal Site Registry:** New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. Also included are sites that qualify for possible inclusion on the Registry. These Registry Qualifying sites may or may not be on the Site Registry.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data attributes updated through: 3/27/2012. Data obtained by Toxics Targeting: 3/27/2012.
New Facilities updated to: 3/27/2012. Data obtained by Toxics Targeting: 3/27/2012.

3) **Corrective Action Activity (CORRACTS):** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]
Data attributes updated through: 3/13/2012. Data obtained by Toxics Targeting: 3/16/2012.
New facilities updated through: 3/13/2012. Data obtained by Toxics Targeting: 3/16/2012.

4) **CERCLIS:** Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. Includes Active and No Further Remedial Action Planned (NFRAP) sites.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
Data attributes updated through: 1/9/2008. Data obtained by Toxics Targeting: 3/12/2008.
New Facilities updated through: 1/9/2008. Data obtained by Toxics Targeting: 3/12/2008.

5) **Brownfield Programs:** NYS programs for sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.
ASTM required.* Source: New York State Department of Environmental Conservation.[2]
Data attributes updated through: 3/27/2012. Data obtained by Toxics Targeting: 3/27/2012.
New Facilities updated to: 3/27/2012. Data obtained by Toxics Targeting: 3/27/2012.

(a) **Brownfield Cleanup Program (BCP)**
(b) **Voluntary Cleanup Program (VCP)**
(c) **Environmental Restoration Program (ERP)**

6) **Solid Waste Facilities:** a compilation of the following 2 databases:

(a) **NYS Solid Waste Registry:** which includes, but is not limited to, landfills, incinerators, transfer stations, recycling centers.
ASTM required.* Fannie Mae required.** Source: New York State Dept. of Environmental Conservation.[2]
Data updated to: 12/31/2001. Data obtained by Toxics Targeting: 3/16/2002.

(b) **1934 Solid Waste Disposal Site in New York City:** which includes sites operated by municipal authorities circa 1934. Source: City of New York Department of Sanitation (1984). The Waste Disposal Problem in New York City: A Proposal For Action.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the DEC's Bureau of Hazardous Waste Facility Compliance pursuant to NYS Law and the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 2/18/2012. New facilities obtained by Toxics Targeting: 3/29/2012.
Manifest transactions data updated to: 2/18/2012. Manifest transactions data obtained by Toxics Targeting: 3/29/2012.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]
New facilities updated through: 3/13/2012. Data obtained by Toxics Targeting: 3/16/2012.
Data attributes updated through: 3/13/2012. Data obtained by Toxics Targeting: 3/16/2012.

8) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). This database includes both *active* and *closed* spills.
ASTM required.* Fannie Mae.** Source: NYS Department of Environmental Conservation.[2]

New spills through: 4/01/2012 New spills data obtained by Toxics Targeting: 4/01/2012
Spill attribute data through: 4/01/2012 Spill attribute data obtained by Toxics Targeting: 4/01/2012

Active spills: paperwork not completed. Closed spills: paperwork completed.
Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Major Oil Storage Facilities:** NYS database of facilities licensed pursuant to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons. **Tank & other data withheld by NYSDEC as of 4/1/2002**.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

Data updated through: 3/9/2012. Data obtained by Toxics Targeting: 3/9/2012.

10) **Petroleum Bulk Storage Facilities:** a compilation of local and state databases of aboveground and underground petroleum storage tank facilities.

(a) **NYS Petroleum Bulk Storage Database:** This includes all New York State counties except Cortland, Nassau, Rockland, Suffolk, and Westchester. ASTM required.* Fannie Mae required.**
Source: NYS Department of Environmental Conservation.[2]
New facilities updated through: 3/9/2012. Data obtained by Toxics Targeting: 3/9/2012.
Tank data updated through: 3/9/2012. Data obtained by Toxics Targeting: 3/9/2012.

(b) **New York City Fire Department Tank Data:** **Data has been withheld by the NYC Fire Dept.**
Source: New York City Fire Department. Data obtained by Toxics Targeting: 2/18/1997

11) **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the NYS Department of Environmental Conservation's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 2/18/2012 . New facilities obtained by Toxics Targeting: 3/29/2012.
Manifest transactions data updated to: 2/18/2012. Manifest transactions data obtained by Toxics Targeting: 3/29/2012.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]

New facilities updated through: 3/13/2012. Data obtained by Toxics Targeting: 3/16/2012.
Data attributes updated through: 3/13/2012. Data obtained by Toxics Targeting: 3/16/2012.

12) **Chemical Bulk Storage Facilities:** New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size. **Tank & other data withheld by NYSDEC as of 4/1/2002**.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data updated through: 3/9/2012. Data obtained by Toxics Targeting: 3/9/2012.

13) **Historic New York City Utility Facilities (1898 to 1950):** An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

14) **Hazardous Substance Waste Disposal Site Study:** NYS database of waste disposal sites that may pose threats to public health or the environment, but could not be remediated using monies from the Hazardous Waste Remedial Fund.
Source: New York State Department of Environmental Conservation.[2]
Data updated to: 5/16/2000. Data obtained by Toxics Targeting: 5/16/2000.

15) **Toxic Release Inventory (TRI):** Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.
Source: U. S. Environmental Protection Agency.[1] / NYS Department of Environmental Conservation[2]
Data updated through: 3/8/2004. Data obtained by Toxics Targeting: 3/25/2004

16) **Toxic Wastewater Discharges (Permit Compliance System):** Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 6/17/2004. Data obtained by Toxics Targeting: 7/19/2004.

17) **Air Discharge Facilities:** EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.
See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency[1]
Data updated through: 11/24/1999. Data obtained by Toxics Targeting: 1/6/2000

18) **Civil Enforcement & Administrative Docket:** This database is the U. S. EPA's system for tracking administrative and civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.**
Source: U. S. Environmental Protection Agency.[1]
New Sites through: 10/14/1999.
Data updated through: 10/14/1999. Data obtained by Toxics Targeting: 11/18/1999.

19) **New York City Environmental Quality Review (CEQR) – E Designation Sites:** These sites are parcels assigned a special environmental ("E") designation under the CEQR process. E designation requires specific protocols that must be followed. Source: New York City Department of Planning[3]
Data updated through: 3/28/2012. Data obtained by Toxics Targeting: 4/4/2012

20) **Emergency Response Notification System (ERNS):** Federal database of spills compiled by the Emergency Response Notification System. On-site searches only.
ASTM required.* See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 1/31/2000. Data obtained by Toxics Targeting: 2/15/2000

21) **Remediation Site Borders:** Remediation site borders reported by NYSDEC.
Source: New York State Department of Environmental Conservation.[2]
Updated through: 4/8/2009. Data obtained by Toxics Targeting: 7/21/2009.

* American Society of Testing Materials: Standard Practice on Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-05).

** Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

[1]U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

[2]NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

[3]New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216

APPENDIX D
LOCAL RECORDS

Form—244-1927 Certificate of Occupancy. BA-2087-27-I.

BUREAU OF BUILDINGS

BOROUGH OF MANHATTAN, CITY OF NEW YORK

HVC **CERTIFICATE OF OCCUPANCY No. 15561** 192 9

Supersedes Certificate of Occupancy No.

To the owner or owners of the building: New York Sept. 3, 1929

THIS CERTIFIES that the building located on Block 1081, Lot 16-19

known as 525-31 West 52nd Street
100' front

under a permit, Application No. 505 N.B. of 1928, conforms to the approved plans and specifications accompanying said permit and any approved amendments thereto, and to the requirements of the building code and all other laws and ordinances and to the rules and regulations of the board of standards and appeals, applicable to a building of its class and kind, except that in the case of a building heretofore existing and for which no previous certificate of occupancy has been issued and which has not been altered or converted since March 14, 1916, to a use that changed its classification as defined in the building code, this certificate confirms and continues the existing uses to which the building has been put; and

CERTIFIES FURTHER that the building is of fireproof construction within the meaning of the building code and may be used and occupied as a business building as hereinafter qualified, in a n unrestricted district under the building zone resolution, subject to all the privileges, requirements, limitations, and conditions prescribed by law or as hereinafter specified.

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Cellar				15	Automobile repair shop
1st Story	300			15	Garage, more than 5 autos and driveway
2nd "	200			65	Offices
3rd "	200			10	Automobile repair shop
4th "	200			15	Factory
5th "	200			15	
6th "	200			15	
7th "	200			15	

This certificate is issued to Russell G. Cory, architect
30 Church Street, City.
, for the owner or owners.

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF [illegible], CITY OF NEW YORK

No. [illegible]

Date July 3, 1951

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the new—~~alteration to existing~~—building—premises located at

519-23 West 52nd Street Block 1081 Lot part of 21, part of 22 and Lot 23.

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

N.B. ~~Alt.~~ No.— 216-1950 Construction classification— Class 1 Fireproof

Occupancy classification— Commercial . Height 1 stories, 13'6" feet.

Date of completion— July 2, 1951 . Located in Unrestricted Use District.

B Area 1½ . Height Zone at time of issuance of permit 2699-1950.

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
1st story	on ground & 500				Loading platform.

Borough Superintendent.

m 54-118.5M-701317(49) 114

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF MANHATTAN, CITY OF NEW YORK

No. 30410

Date January 23, 1952

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No. 38679

To the owner or owners of the building or premises:

THIS CERTIFIES that the new altered ~~existing~~ building—premises located at

525-531 West 52nd Street - 520-528 West 53rd St. Block 1081 Lot 15,46,47,48 and 49.

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~New~~ Alt. No.—1558-1950 Construction classification— Class 1 fireproof

Occupancy classification— Commercial Bldg. . Height Bsmt., 4 and 7 stories, 70'-4½" 90'-9" feet.

Date of completion— January 17, 1952 . Located in Unrestricted Use District.

B Area 1½ . Height Zone at time of issuance of permit 2059-1950.

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
~~Basement~~	on ground	10		10	~~Boiler room and storage.~~
1st story	300	75		75	Newspaper Press room and paper storage.
2nd story	200	75	28	103	Offices.
3rd story	200	117	-	117	Newspaper Composing Room.
4th story	200	25	65	90	Factory.
5th story	200	25	-	25	Factory.
6th story	200	10	-	10	Factory.
7th story	200	10	-	10	Factory.

Fuel Oil installation approved by Fire Department January 19, 1951.
Fire Alarm system approved by Fire Department February 27, 1951.
Standpipe system approved by Fire Department April 17, 1951.
Sprinkler system approved by Fire Department November 26, 1951.

Borough Superintendent

(Page 1)

m 54-118 5M-701317(49) 114

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF MANHATTAN , CITY OF NEW YORK

No. 30410

Date January 23, 1952

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No. 38679

To the owner or owners of the building or premises:

THIS CERTIFIES that the new altered—~~existing~~ building—premises located at

525-531 West 52nd Street - 520-528 West 53rd St. Block 1081 Lot 15,46,47,48 and 49.

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~New~~ Alt. No.—1558-1950 Construction classification— Class 1 fireproof

Occupancy classification— Commercial Bldg. . Height Bsmt., 4 and 7 stories, 70'-4" 90'-9" feet.

Date of completion— January 17, 1952 . Located in Unrestricted Use District.

B Area 1½ . Height Zone at time of issuance of permit 2059-1950.

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
~~Basement~~	on ground	10		10	~~Boiler room and storage.~~
1st story	300	75		75	Newspaper Press room and paper storage.
2nd story	200	75	28	103	Offices.
3rd story	200	117	-	117	Newspaper Composing Room.
4th story	200	25	65	90	Factory.
5th story	200	25	-	25	Factory.
6th story	200	10	-	10	Factory.
7th story	200	10	-	10	Factory.

Fuel Oil installation approved by Fire Department January 19, 1951.
Fire Alarm system approved by Fire Department February 27, 1951.
Standpipe system approved by Fire Department April 17, 1951.
Sprinkler system approved by Fire Department November 26, 1951.

Arthur J. Sullivan
Borough Superintendent

Form 54-C (Rev. 4/62)-80M-601036(62) 114

ac

DEPARTMENT OF BUILDINGS

BOROUGH OF MANHATTAN, THE CITY OF NEW YORK

Date August 1, 1966 No. 63355

CERTIFICATE OF OCCUPANCY

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

AMENDED

This certificate supersedes C. O. No. ~~XXX~~ 39410

THIS CERTIFIES that the new—altered—existing—building—premises located at 525-531 West 52nd Street; 520-28 West 53rd Street Block 1081 Lot Part of 16

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the north side of West 52nd Street distant 300'-0" feet west from the corner formed by the intersection of West 52nd Street and 10th Avenue

running thence west 125'-0" feet; thence north 200'-10" feet;

thence east 125'-0" feet; thence south 200'-10" feet;

running thence ..... feet; thence ..... feet;

to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of the rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~XXX~~ N.B. or Alt. No.— 471-1965 Construction classification— Class 1 Fireproof

Occupancy classification— Commercial Building Height Bsmt. 4 & 7 stories, 70'-4½" feet.

Date of completion— July 8, 1966 Located in M 1-5 90'-9" Zoning District.

at time of issuance of permit. 1742-1965; 1257-1966

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals:
and The City Planning Commission: } (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces .....

Off-Street Loading Berths .....

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
Basement	On Ground	40	Office, printing, bindery, Use group 17, boiler room and storage.
1st Story	300	75	Newspaper press room and paper storage.
Mezzanine	120	0	Storage.
2nd Story	200	120	Cafeteria and offices.
3rd Story	200	117	Newspaper composing room.
4th Story	200	90	Factory.
5th Story	200	25	Factory.
6th Story	200	10	Factory.
7th Story	200	10	Factory.
			FIRE DEPARTMENT APPROVALS: Fuel Oil Installation-January 19, 1951. Interior Fire Alarm-February 27, 1951. Standpipe System-April 17, 1951. Sprinkler System-November 26, 1951.
		NOTE:	This is an AMENDED Certificate of Occupancy.

Isadore M. Cohen

Borough Superintendent

OFFICE COPY—DEPARTMENT OF BUILDINGS

THE CITY OF NEW YORK ALT 473/85

DEPARTMENT OF BUILDINGS

CERTIFICATE OF OCCUPANCY

BOROUGH MANHATTAN **DATE:** SEP 29 1998 **NO.** 115601

This certificate supersedes C.O. NO ZONING DISTRICT M1-3

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building premises located at
525-531 WEST 52 STREET A/K/A 520-528 WEST 53 STREET Block 1081 Lot 16

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES, AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN.

300'-W/O 10 AVENUE

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS PER SQ FT.	MAXIMUM NO OF PERSONS PERMITTED	ZONING DWELLING OR ROOMING UNITS	BUILDING CODE HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
BASEMENT	O.G.	40				D-1	MANUFACTURING
1ST FLOOR	300	75			17A	D-1 C	MANUFACTURING LUMBER YARD
MEZZANINE	120					D-1	MANUFACTURING
2ND FLOOR	200	120				D-1	MANUFACTURING, ACCY. OFFICES
3RD FLOOR	200	117				D-1	MANUFACTURING, ACCY. OFFICES
4TH FLOOR	200	90				D-1	MANUFACTURING, ACCY. OFFICES
5TH FLOOR	200	75				D-1	MANUFACTURING, ACCY. OFFICES
6TH FLOOR	200	75				D-1	MANUFACTURING, ACCY. OFFICES
7TH FLOOR	200	75				D-1	MANUFACTURING, ACCY. OFFICES

THIS CERTIFICATE MUST BE POSTED WITHIN THE [illegible] IN ACCORDANCE WITH THE RULES OF THE DEPARTMENT PROMULGATED MARCH 31ST 1967.

OPEN SPACE USES _____
(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

M.G.

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

BOROUGH SUPERINTENDENT COMMISSIONER

☐ ORIGINAL ☐ OFFICE COPY - DEPARTMENT OF BUILDINGS ☐ COPY

NYC Buildings

Certificate of Occupancy

CO Number: 104886401T002

Permissible Use and Occupancy

All Building Code occupancy group designations are 1968 designations, except RES, COM, or PUB which are 1938 Building Code occupancy group designations.

Floor From To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code occupancy group	Dwelling or Rooming Units	Zoning use group	Description of use
BAS	40	O.G	D-1			MANUFACTURING
MEZ		120	D-1			MANUFACTURING
001			D-1		16C	COMMERCIAL VEHICLE STORAGE
002	120	200	D-1			MANUFACTURING,ACCESORY OFFICES
003	117	200	D-1			MANUFACTURING,ACCESSORY OFFICES
004	90	200	D-1			MANUFACTURING,ACCESSORY OFFICES
005	75	200	D-1			MANUFACTURING,ACCESSORY OFFICES
006	75	200	D-1			MANUFACTURING, ACCESSROR OFFICCES
007	75	200	D-1			MANUFACTURING,ACCESSORY OFFICES

END OF SECTION

Borough Commissioner

Commissioner

END OF DOCUMENT

December 20, 2010

Mr. John Weir, Sr. V.P.
Taconic Investment Partners, LLC
111 Eighth Avenue, Suite 1500
New York, New York 10011

Re: Limited Due Diligence Investigation Report
525 West 52nd Street, New York, New York
Block 1080, Lot 7501

Dear John:

This letter describes the findings of the limited due diligence activities conducted by Fleming Lee Shue, Inc. (FLS) at the above-referenced site.

The objective of this effort was to provide a preliminary indication of potential impacts associated with underground storage tanks and historic operations upon soil and groundwater at the property. The limited investigation included the following tasks:

Task 1 – Site Visit/Review of Historic Sanborn Fire Insurance Maps. FLS staff conducted a site visit to observe evidence of potential contamination associated with historic use of the site. FLS also reviewed the historic Sanborn Maps for the Site and the adjacent properties to determine the types and dates of historic activities that may have impacted the property.

Task 2 – Geophysical Survey. Prior to installing the soil borings, a geophysical survey was conducted, using ground penetrating radar (GPR) and a metal detector to determine the potential presence of underground storage tanks (USTs) shown on the 1951 Sanborn map.

Task 3 – Limited Subsurface Investigation. Based on the information obtained in Tasks 1 and 2, soil borings were installed at the site and soil and groundwater sampling was conducted.

The findings of the above tasks are discussed below.

Task 1 – Site Visit and Review of Historic Information

The Site is bounded by West 53rd Street to the north; West 52nd Street to the south; a parking lot to the west; and a high rise building to the east. According to the Sanborn Fire Insurance Maps, the south part of the project building was constructed in 1925, and the north portion of the building was built in 1937. During the 11/2/10 site visit, two vent pipes were observed on the southern portion of the building rooftop. Vent pipes were traced from the roof to the building's sub-cellar. The pipes were cut at the sub-cellar slab at the southern boundary of the property. . One 10,000 gallon gravity tank was identified on the rooftop at the southeast side of the building. A concrete ramp in the northwest corner of the building leads

to the building sub-cellar from the 53rd Street. Based on the map review and site visit, the following potential environmental concerns were identified

- **Underground Storage Tanks (USTs)** – two cut-off pipes at the southern end of the sub-cellar, associated with two vent pipes observed on the roof top of the building and a suspected fill port at the west side of a boiler room, were observed during the site visit.

- **Building Floor Drains** - Several floor drains were observed in the sub-cellar area. One drain had signs of damage and discharge of unknown liquids to the subsurface.

- **Boiler Room** – An active oil tank is located at the boiler room, located at the eastern portion of the sub-cellar. A suspected fill port was observed at the south side of the boiler room and fuel oil stains were observed. Remnant pipes were observed at the west side of the boiler room.

- **Sub-cellar Floor Staining** – A 3-foot by 5-foot oil stained area was observed at the southeast corner of the sub-cellar where the fill line enters the building from the 52nd Street side.

Task 2 – Geophysical Survey

On 11/18/10, Naeva Geophysics Inc. (NAEVA) performed a geophysical investigation in the building sub-cellar to clear the proposed boring locations and to locate potential USTs and associated piping. The survey utilized an electromagnetic metal (EM) detector using a Fisher TW-6 Pipe and cable locator, a Subsite 950 utility locator, a Dynatel 2250 cable locator, and a Mala RAMAC/Ground Penetrating Radar (GPR) system with a 250 MHz antenna.

Geophysical data collected in the southern portion of the sub-cellar detected magnetic anomalies indicative of buried USTs. Other anomalies related to the presence of reinforced concrete floor slab and drain pipes were detected in the vicinity of the suspected UST area.

NAEVA also found a remote fill port and a vent pipe in the sidewalk along West 52nd Street, which is likely associated with the in-use aboveground storage tank (AST) in the boiler room.

The complete geophysical survey report is included in **Appendix A.**

Task 3 – Limited Subsurface Investigation

Sampling Methodology. The limited subsurface investigation included the installation of nine (9) soil borings and two (2) temporary groundwater wells and collection of soil and groundwater samples.

Hydro Tech Environmental Corp (Hydro Tech) of Commack, New York, a New York State licensed driller, installed the soil borings and temporary groundwater sampling point using truck-mounted and hand-held geoprobe units. All borings required core drilling to advance the borings through the concrete floor. All equipment was decontaminated between boreholes using an Alconox detergent rinse. After sampling was completed, soil cuttings were returned to each borehole and each borehole was grouted and patched.

Soils were removed from each borehole via macro-core acetate liners, screened using a photoionization detector (PID), and logged according to a modified Burmeister soil classification system. Visual and olfactory observations were noted on the boring log. Soil boring logs are provided in **Appendix B**.

Soil sample collection depths were biased toward the areas of highest contamination based on field screening of soils and/or information regarding the potential area of concern. FLS extracted samples for analysis using a decontaminated plastic spoon to place soil into clean, laboratory-prepared sample containers. Samples were shipped to Accutest Laboratories, Dayton, New Jersey, a New York State ELAP-certified laboratory, using proper chain-of-custody procedures.

FLS installed a total of nine soil borings in the area of the suspected USTs (FLS-UST 1 through FLS-UST-4), the floor drains (FLS-FD-1 through FLS-FD-3), the boiler room (FLS-Boiler Room) and the stained soil (FLS-Stained Soil). Soil boring locations are shown on **Figure 3.**

Soil borings FLS-FD-1 through FD-3 were advanced to the bedrock at 2 to 3.5 feet below the sub-cellar floor. No groundwater was encountered; however, perched groundwater was observed in the borings installed in the boiler room and near the oil staining area. Fill material was observed on top of the bedrock. No elevated PID readings were recorded during the field screening. There was no evidence of potential contamination observed in these soil borings except at FLS-FD-1, where petroleum odor was identified at 2 feet below ground surface (bgs). No PID reading was recorded at this location and soil samples were collected from 2 feet bgs. At FLS-FD-2 and FLS-FD-3, soil samples were collected from 6 inches above the bedrock.

Soil borings FLS-UST-1 to FLS-UST-4 were advanced to bedrock (1.5-3.5 feet below the sub-cellar floor slab) in the vicinity of suspected USTs. There was no evidence of petroleum impacts observed in these soil borings and these four soil samples were collected from 6 inches above the bedrock.

Soil boring FLS-Boiler Room was installed to a depth of 3.5 feet bgs down to the bedrock in the boiler room adjacent to the former furnace and in the vicinity of the fuel oil tank. Perched groundwater was encountered at 8 inches below the sub-cellar floor at this location. No evidence of petroleum impacts was observed in this soil boring and the soil sample was collected from 6 inches above the bedrock.

Soil boring FLS-Stained Soil was installed in the southeast corner of the building to a depth of 4 feet below the sub-cellar floor (top of bedrock). Perched groundwater was encountered at 11.5 inches below the sub-cellar floor. There were no PID readings at this location and soil samples were collected from 6 inches above the bedrock.

All nine (9) soil samples were analyzed for volatile organic contaminants (VOCs) by USEPA Method 8260; Floor drain samples (FLS-FD-1 to 3) were also analyzed for metals by USEPA Method 6010; the four (4) samples collected near the USTs (FLS-UST-1 through FLS-UST-4) were also analyzed for lead by USEPA 6010; FLS-Boiler Room and FLS-Stained Soil were also analyzed for semi-volatile organic contaminants (SVOCs) by USEPA Method 8270.

Groundwater samples were collected from temporary wells installed at borings FLS-Boiler Room and FLS-Stained Soil, where perched groundwater was encountered at 8 feet and 10.5 feet, respectively, below the sub-cellar floor. Groundwater samples were collected using a geopump and analyzed for VOCs by USEPA Method 8260 and SVOCs by USEPA Method 8270.

Analytical Results - Soil

Soil analytical results were compared to the New York State Department of Environmental Conservation Technical and Administrative Guidance Memorandum (TAGM) 4060 Recommended Soil Cleanup Objectives (RSCOs).

VOCs. No VOCs were detected at concentrations above their respective RSCOs.

SVOCs. SVOC concentrations detected in samples FLS-Boiler room and FLS-Stained Soil were all below NYSDEC TAGM RSCOs with the exception of benzo(a)anthracene, benzo(a)pyrene, dibenzo(a,h)anthracene benzo(b)fluoranthene, and chrysene. These compounds are polycyclic aromatic hydrocarbons (PAHs), a class of compounds found in some petroleum products, asphalt, and as byproducts of combustion. The type and levels of SVOCs are typical of urban fill material (such as that found on the Site). SVOC concentrations at the remaining locations were all below the TAGM RSCOs.

Lead. Lead concentrations in the samples in the UST area (FLS-UST-1 through FLS-UST-4) were below the TAGM RSCO.

Metals. Slightly elevated levels (relative to Eastern USA background) of mercury and zinc were detected in the two soil samples collected from the floor drain areas. Zinc was detected at 74.1 parts per million (ppm) at FLS-FD-2 (2.5 feet bgs) and at 77.2 ppm at FLS-FD-3 (2.0 feet bgs), above the RSCO of 50 ppm. Mercury was detected at FLS-FD-3 (2.0 feet bgs) at .42 ppm, above the RSCO of 0.2 ppm. .

Analytical Results - Groundwater

Groundwater sampling results were compared to the NYSDEC TOGS 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (Class GA Standards).

VOCs. No VOCs were detected in either groundwater sample at concentrations above the Class GA Standards.

SVOCs. Several SVOCs, including phenol, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and naphthalene were detected in the perched groundwater sample FLS-Boiler Room. Based on the presence of naphthalene at 95 parts per billion (ppb), above the Class GA standard of 10 parts per billion (ppb), the elevated SVOCs are likely petroleum- related. SVOCs such as benzo(a)anthracene, benzo(b)fluoranthene, chrysene, and Indeno(1,2,3-cd)pyrene were detected in the perched groundwater sample FLS-Stained Soil. These constituents are not petroleum-related and are likely due to sediment in the groundwater sample.

The analytical results for soil and groundwater samples are provided in Tables 1 through 5. The laboratory analytical data packages are provided in **Appendix C.**

CONCLUSIONS

FLS performed a limited due diligence investigation at the property located at 525 West 52nd Street in New York, New York (Site). The conclusions of the investigation are as follows:

- No impacts pertaining to the abandoned UST system were detected in soil or groundwater samples.

- No impacts related to discharges to the floor drains were detected in soil or groundwater; the two metal exceedances in soils from this area appear to be related to the presence of historic fill on the site.
- No impacts associated with the floor staining in the southeastern corner of the sub-cellar were detected. The PAHs detected at this location are likely attributable to the historic fill throughout the site.
- Slightly elevated concentrations of phenol, PAHs and naphthalene found in the groundwater sample collected from the boiler room are most likely related to the presence of the nearby aboveground fuel oil tank.

Please contact us with any comments or questions.

Sincerely,
Fleming Lee Shue, Inc.

Mohamed Ahmed PhD. CPG.
Senior Geologist

Attachments:

Figures

Figure 1 Site Location Map
Figure 2 1951 Sanborn Map
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Appendix B Soil Boring Logs
Appendix C Laboratory Analytical Data Package

FIGURES

040073E8 Coney Island, NY-NJ Quadrant 7.5 Minute Topographic Map, 1995, published by the USGS, and obtained from TOPO! ©2001

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FIGURE 1: SITE LOCATION MAP

SITE: 525 W 52nd Street
Block 1080, Lot 7501
New York, New York

1951 Certified Sanborn Map

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Certification # 0D31-431C-BD26

Site Name: Block 1081, Lot 7501
Address: 523 West 52nd Street
City, ST, ZIP: New York NY 10019
Client: Fleming-Lee Shue, Inc.
EDR Inquiry: 2912815.1
Order Date: 11/4/2010 5:42:00 PM
Certification # 0D31-431C-BD26
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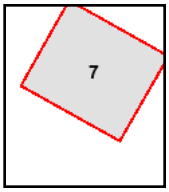

Volume 6W, Sheet 7

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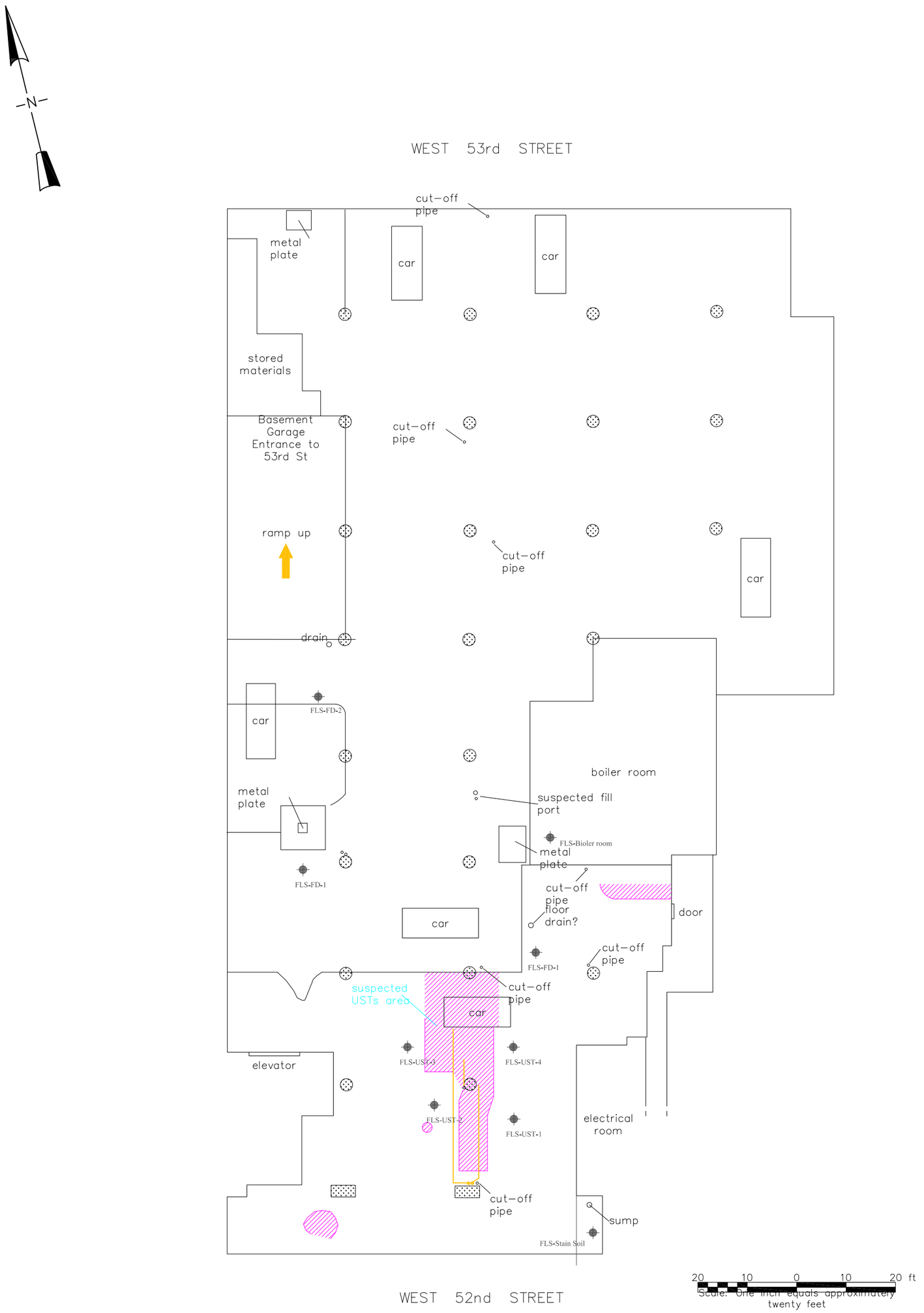

Fleming Lee Shue

Environmental Management & Consulting

158 West 29 Street, 9th Fl.
New York, NY 10001

Project Number
10073-021-02

525 West 52nd Street, NY

Date
November, 2010

FIGURE 3
SOIL BORING LOCATIONS MAP

LEGEND

- Soil boring location
- Metal anomaly

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TABLES

Table 1
Volatile Organic Compounds in Soil

525 West 52nd Street
New York, NY

Client ID	NY TAGM	FLS-BOILERROOM(3.0')		FLS-STAINSOIL(3.0')		FLS-UST-1(1.5')		FLS-UST-2(3.5')		FLS-UST-3(3.0')		FLS-UST-4(2.0')		FLS-FD-1(2.0')		FLS-FD-2(2.5')		DLS-FD-3(2.0')	
Lab Sample ID	Rec. Soil	JA62028-1		JA62028-2		JA62028-6		JA62028-3		JA62028-5		JA62028-4		JA62028-7		JA62028-8		JA62028-9	
Date Sampled	Cleanup Objective (ppb)	11/18/2010 (ppb) Result	Q	11/18/2010 (ppb) Result	Q	11/18/2010 (ppb) Result	Q	11/18/2010 (ppb) Result	Q	11/18/2010 (ppb) Result	Q	11/18/2010 (ppb) Result	Q	11/18/2010 (ppb) Result	Q	11/18/2010 (ppb) Result	Q	11/18/2010 (ppb) Result	Q
GC/MS Volatiles (ppb)																			
Acetone	200	5.2	J	5.7	J	3.1	U	15.2		2.9	J	3	U	8.4	J	2.9	U	2.7	U
Benzene	60	0.43	U	0.44	U	0.48	U	0.51	U	0.44	J	0.45	U	0.42	J	0.44	U	0.41	U
Bromochloromethane	NS	0.28	U	0.28	U	0.31	U	0.33	U	0.29	J	0.29	U	0.27	J	0.29	U	0.26	U
Bromodichloromethane	NS	0.33	U	0.33	U	0.36	U	0.39	U	0.33	J	0.34	U	0.32	J	0.34	U	0.31	U
Bromoform	NS	0.19	U	0.19	U	0.21	U	0.23	U	0.2	J	0.2	U	0.19	J	0.2	U	0.18	U
Bromomethane	NS	0.51	U	0.52	U	0.57	U	0.61	U	0.52	J	0.53	U	0.5	J	0.53	U	0.49	U
2-Butanone (MEK)	300	2.5	U	2.5	U	2.8	U	3	U	2.6	J	2.6	U	2.5	J	2.6	U	2.4	U
Carbon disulfide	2700	0.39	U	0.39	U	0.78	J	0.46	U	0.69	J	0.63	J	1.6	J	0.4	U	1.3	J
Carbon tetrachloride	600	0.7	U	0.71	U	0.78	U	0.84	U	0.72	J	0.73	U	0.69	J	0.72	U	0.67	U
Chlorobenzene	1700	0.43	U	0.44	U	0.48	U	0.51	U	0.44	J	0.45	U	0.42	J	0.44	U	0.41	U
Chloroethane	1900	1.3	U	1.3	U	1.4	U	1.5	U	1.3	J	1.3	U	1.2	J	1.3	U	1.2	U
Chloroform	300	0.4	U	0.41	U	0.45	U	0.48	U	0.41	J	0.42	U	0.4	J	0.41	U	0.38	U
Chloromethane	NS	0.21	U	0.21	U	0.23	U	0.25	U	0.21	J	0.22	U	0.21	J	0.22	U	0.2	U
Cyclohexane	NS	0.19	U	0.19	U	0.21	U	0.23	U	0.2	J	0.2	U	0.19	J	0.2	U	0.18	U
1,2-Dibromo-3-chloropropane	NS	0.69	U	0.7	U	0.76	U	0.81	U	0.7	J	0.72	U	0.67	J	0.71	U	0.65	U
Dibromochloromethane	N/A	0.14	U	0.14	U	0.16	U	0.17	U	0.14	J	0.15	U	0.14	J	0.14	U	0.13	U
1,2-Dibromoethane	NS	0.17	U	0.18	U	0.19	U	0.21	U	0.18	J	0.18	U	0.17	J	0.18	U	0.16	U
1,2-Dichlorobenzene	7900	0.34	U	0.35	U	0.38	U	0.41	U	0.35	J	0.36	U	0.34	J	0.35	U	0.32	U
1,3-Dichlorobenzene	1600	0.35	U	0.35	U	0.39	U	0.41	U	0.36	J	0.36	U	0.34	J	0.36	U	0.33	U
1,4-Dichlorobenzene	8500	0.43	U	0.43	U	0.48	U	0.51	U	0.44	J	0.45	U	0.42	J	0.44	U	0.41	U
Dichlorodifluoromethane	NS	1.2	U	1.2	U	1.3	U	1.4	U	1.2	J	1.3	U	1.2	J	1.2	U	1.1	U
1,1-Dichloroethane	200	0.18	U	0.18	U	0.19	U	0.21	U	0.18	J	0.18	U	0.17	J	0.18	U	0.17	U
1,2-Dichloroethane	100	0.44	U	0.44	U	0.49	U	0.52	U	0.45	J	0.46	U	0.43	J	0.45	U	0.41	U
1,1-Dichloroethene	400	0.84	U	0.85	U	0.93	U	1	U	0.86	J	0.88	U	0.82	J	0.86	U	0.8	U
cis-1,2-Dichloroethene	NS	0.3	U	0.31	U	0.34	U	0.36	U	0.31	J	0.32	U	0.3	J	0.31	U	0.29	U
trans-1,2-Dichloroethene	300	0.57	U	0.58	U	0.63	U	0.68	U	0.58	J	0.59	U	0.56	J	0.59	U	0.54	U
1,2-Dichloropropane	NS	0.17	U	0.17	U	0.18	U	0.2	U	0.17	J	0.17	U	0.16	J	0.17	U	0.16	U
cis-1,3-Dichloropropene	NS	0.17	U	0.17	U	0.19	U	0.2	U	0.17	J	0.18	U	0.17	J	0.17	U	0.16	U
trans-1,3-Dichloropropene	NS	0.12	U	0.12	U	0.14	U	0.14	U	0.12	J	0.13	U	0.12	J	0.13	U	0.12	U
1,4-Dioxane	NS	110	U	110	U	120	U	130	U	110	J	110	U	110	J	110	U	100	U
Ethylbenzene	5500	0.71	J	0.48	U	0.61	J	0.56	U	0.48	J	0.49	U	0.46	J	0.48	U	0.45	U
Freon 113	6000	0.71	U	0.72	U	0.79	U	0.85	U	0.73	J	0.74	U	0.7	J	0.73	U	0.68	U
2-Hexanone	NS	1.2	U	1.2	U	1.4	U	1.4	U	1.3	J	1.3	U	1.2	J	1.3	U	1.2	U
Isopropylbenzene	NS	0.66	U	0.67	U	0.73	U	0.78	U	0.67	J	0.69	U	0.65	J	0.68	U	0.62	U
Methyl Acetate	NS	1	U	1.1	U	1.2	U	1.2	U	1.1	J	1.1	U	1	J	1.1	U	0.99	U
Methylcyclohexane	NS	0.83	U	0.84	U	0.92	U	2.0	J	0.85	J	0.87	U	0.81	J	0.85	U	0.79	U
Methyl Tert Butyl Ether	NS	0.36	U	0.36	U	0.4	U	0.42	U	0.37	J	0.37	U	0.35	J	0.37	U	0.34	U
4-Methyl-2-pentanone(MIBK)	1000	1	U	1	U	1.1	U	1.2	U	1.1	J	1.1	U	1	J	1.1	U	0.97	U
Methylene chloride	100	0.28	U	0.29	U	0.31	U	0.34	U	0.29	J	0.3	U	0.28	J	0.29	U	0.27	U
Styrene	NS	0.14	U	0.14	U	0.15	U	0.16	U	0.14	J	0.14	U	0.13	J	0.14	U	0.13	U
1,1,2,2-Tetrachloroethane	600	0.37	U	0.38	U	0.41	U	0.44	U	0.38	J	0.39	U	0.36	J	0.38	U	0.35	U
Tetrachloroethene	1400	0.18	U	0.19	U	0.2	U	0.22	U	0.19	J	0.19	U	0.18	J	0.19	U	0.17	U
Toluene	1500	0.98	J	0.38	U	2.7		0.44	U	0.38	J	1.3		1.0	J	0.38	U	1.5	
1,2,3-Trichlorobenzene	NS	0.75	U	0.76	U	0.83	U	0.89	U	0.77	J	0.78	U	0.73	J	0.77	U	0.71	U
1,2,4-Trichlorobenzene	3400	0.44	U	0.44	U	0.49	U	0.52	U	0.45	J	0.46	U	0.43	J	0.45	U	0.41	U
1,1,1-Trichloroethane	800	0.16	U	0.16	U	0.18	U	0.19	U	0.17	J	0.17	U	0.16	J	0.17	U	0.15	U
1,1,2-Trichloroethane	NS	0.23	U	0.24	U	0.26	U	0.28	U	0.24	J	0.24	U	0.23	J	0.24	U	0.22	U
Trichloroethene	700	0.67	U	0.68	U	0.74	U	0.79	U	0.68	J	0.7	U	0.66	J	0.69	U	0.63	U
Trichlorofluoromethane	NS	0.29	U	0.29	U	0.32	U	0.34	U	0.3	J	0.3	U	0.29	J	0.3	U	0.28	U
Vinyl chloride	200	0.23	U	0.23	U	0.25	U	0.27	U	0.23	J	0.24	U	0.22	J	0.23	U	0.21	U
m,p-Xylene	NS	0.87	J	0.6	U	2.4	J	0.71	U	0.61	J	0.62	U	0.58	J	0.61	U	0.56	U
o-Xylene	NS	0.6		0.6	U	0.97	J	0.71	U	0.61	J	0.62	U	0.58	J	0.61	U	0.56	U
Xylene (total)	1200	1.4	J	0.6	U	3.4	U	0.71	U	0.61	J	0.62	U	0.58	J	0.61	U	0.56	U

Notes:
Samples analyzed for VOCs by EPA Method 8260
No results detected above the NYSDEC TAGM #4046 RSCOs
(ppb) = parts per billion
NS = No Standard

Qualifiers
U = Analyte not detected at or above reporting limit.
J = Value is estimated (greater than detection limit but below reporting limit.

Table 2
Semi-Volatile Organic Compounds in Soil

525 West 52nd Street
New York, NY

Client ID Lab Sample ID Date Sampled	NY TAGM Rec. Soil Cleanup Objective	FLS-BOILERROOM(3.0' JA62028-1 11/18/2010 (ppb) Result	Q	FLS-STAINSOIL(3.0' JA62028-2 11/18/2010 (ppb) Result	Q
GC/MS Semi-volatiles (ppb)					
2-Chlorophenol	800	33	U	68	U
4-Chloro-3-methyl phenol	240	33	U	67	U
2,4-Dichlorophenol	400	53	U	110	U
2,4-Dimethylphenol	NS	55	U	110	U
2,4-Dinitrophenol	200	40	U	82	U
4,6-Dinitro-o-cresol	NS	40	U	82	U
2-Methylphenol	100	37	U	77	U
3&4-Methylphenol	NS	41	U	85	U
2-Nitrophenol	330	35	U	71	U
4-Nitrophenol	100	55	U	110	U
Pentachlorophenol	1000	56	U	120	U
Phenol	30	34	U	71	U
2,3,4,6-Tetrachlorophenol	NS	34	U	69	U
2,4,5-Trichlorophenol	100	38	U	78	U
2,4,6-Trichlorophenol	NS	31	U	63	U
Acenaphthene	50000	9.5	U	720	
Acenaphthylene	41000	10	U	22	U
Acetophenone	NS	5.7	U	12	U
Anthracene	50000	11	U	1020	
Atrazine	NS	6.4	U	13	U
Benzo(a)anthracene	**224**	111		**1570**	
Benzo(a)pyrene	**61**	**88.9**		**1330**	
Benzo(b)fluoranthene	**1100**	108		**1660**	
Benzo(g,h,i)perylene	50000	87		758	
Benzo(k)fluoranthene	1100	46		814	
4-Bromophenyl phenyl ether	NS	12	U	24	U
Butyl benzyl phthalate	50000	19	U	39	U
1,1'-Biphenyl	NS	3.8	U	96.2 J	
Benzaldehyde	NS	7.5	U	15	U
2-Chloronaphthalene	NS	10	U	21	U
4-Chloroaniline	220	10	U	22	U
Carbazole	NS	15	U	477	
Caprolactam	NS	10	U	21	U
Chrysene	**400**	151		**1620**	
bis(2)-Chloroethoxymethane	NS	13	U	27	U
bis(2)-Chloroethylether	NS	9.8	U	20	U
bis(2)-Chloroisopropylether	NS	9.7	U	20	U
4-Chlorophenyl phenyl ether	NS	9.8	U	20	U
2,4-Dinitrotoluene	NS	14	U	29	U
2,6-Dinitrotoluene	1000	12	U	26	U
3,3'-Dichlorobenzidine	NS	8.3	U	17	U
Dibenzo(a,h)anthracene	**14**	11	U	**371**	
Dibenzofuran	6200	9.7	U	348	
Di-n-butyl phthalate	8100	7.2	U	15	U
Di-n-octyl phthalate	50000	16	U	33	U
Diethyl phthalate	7100	11	U	23	U
Dimethyl phthalate	2000	11	U	24	U
bis(2)-Ethylhexylphthalate	50000	29	U	59	U
Fluoranthene	50000	151		3160	
Fluorene	50000	11	U	441	
Hexachlorobenzene	410	11	U	22	U
Hexachlorobutadiene	NS	9.1	U	19	U
Hexachlorocyclopentadiene	NS	33	U	69	U
Hexachloroethane	NS	9.1	U	19	U
Indeno(1,2,3)-cdpyrene	3200	66.2		790	
Isophorone	4400	8.8	U	18	U
2-Methylnaphthalene	36400	18	U	792	
2-Nitroaniline	430	14	U	30	U
3-Nitroaniline	500	13	U	27	U
4-Nitroaniline	NS	13	U	26	U
Naphthalene	13000	32.4 J		1100	
Nitrobenzene	200	9.4	U	19	U
N-Nitroso-di-n-propylamine	NS	8	U	16	U
N-Nitrosodiphenylamine	NS	19	U	40	U
Phenanthrene	50000	55.6		4440	
Pyrene	50000	202		3070	
1,2,4,5-Tetrachlorobenzene	NS	10	U	21	U

Notes:
Soil Samples analyzed for SVOCs by EPA Method 8270
Highlighted Values Exceed NYSDEC TAGM #4046 RSCOs
(ppb) = parts per billion
NS = No Standard

Qualifiers
U = Analyte not detected at or above reporting limit.
J = Value is estimated (greater than detection limit but below reporting limit.

Table 3
Metals in Soil

525 West 52nd Street
New York, NY

Client ID Lab Sample ID Date Sampled	NY TAGM Rec. Soil Cleanup Objective	FLS-FD-1(2.0') JA62028-7 11/18/2010 (ppm)		FLS-FD-2(2.5') JA62028-8 11/18/2010 (ppm)		DLS-FD-3(2.0') JA62028-9 11/18/2010 (ppm)		FLS-UST-1(1.5') JA62028-6 11/18/2010 (ppm)		FLS-UST-2(3.5') JA62028-3 11/18/2010 (ppm)		FLS-UST-3(3.0') JA62028-5 11/18/2010 (ppm)		FLS-UST-4(2.0') JA62028-4 11/18/2010 (ppm)	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals Analysis (ppm)															
Aluminum	33000	1,840		2,990		7,400		-		-		-		-	
Antimony	N/A	<2.3	U	<2.5	U	<2.3	U	-		-		-		-	
Arsenic	12	<2.3	U	7.9		<2.3	U	-		-		-		-	
Barium	600	<23	U	139		97.3		-		-		-		-	
Beryllium	1.75	0.39		0.37		0.54		-		-		-		-	
Cadmium	1	<0.57	U	<0.61	U	<0.56	U	-		-		-		-	
Calcium	35000	1,740		4,310		21,100		-		-		-		-	
Chromium	40	3.9		11.2		33.9		-		-		-		-	
Cobalt	60	<5.7	U	<6.1	U	<5.6	U	-		-		-		-	
Copper	50	<2.9	U	40		23.9		-		-		-		-	
Iron	550000	2,660		9,640		14,300		-		-		-		-	
Lead*	500	13.7		97.4		75.3		18.7		81.3		24.7		80.1	
Magnesium	5000	791		1,730		3,970		-		-		-		-	
Manganese	5000	93.8		32.6		300		-		-		-		-	
Mercury	**0.2**	0.054		0.15		**0.42**		-		-		-		-	
Nickel	25	<4.6	U	11.8		18.6		-		-		-		-	
Potassium	43000	<1100	U	<1200	U	3,580		-		-		-		-	
Selenium	3.9	<2.3	U	<2.5	U	<2.3	U	-		-		-		-	
Silver	N/A	<0.57	U	<0.61	U	<0.56	U	-		-		-		-	
Sodium	8000	<1100	U	<1200	U	<1100	U	-		-		-		-	
Thallium	N/A	<1.1	U	<1.2	U	<1.1	U	-		-		-		-	
Vanadium	300	<5.7	U	15		9.5		-		-		-		-	
Zinc	**50**	15.2		**74.1**		**77.2**		-		-		-		-	

Notes:
- = samples not analyzed
Samples analyzed for Metals, excepting hexavalent chromium, by EPA Method 6010
Samples analyzed for hexavlent chromium by EPA Method 3060
Trivalent chromium calculated as: (Chromium) - (Chromium, Hexavalent)
Highlighted Values Exceed Eastern USA Background NYSDEC TAGM #4046 RSCOs
ppm = parts per million
NS = No Standard
SB = Site Background
* = TAGM #4046 Background Lead Level assumed to be 200 to 500 ppm

Qualifiers
U = Analyte not detected at or above reporting limit.
J = Value is estimated (greater than detection limit but below reporting limit).

Table 5
Semi-Volatile Organic Compounds in Groundwater

525 West 52nd Street
New York, NY

Client ID Lab Sample ID Date Sampled	NYSDEC TOGS 1.1.1 Class GA Ambient Water Quality Standards and Guidance values (ppb)	FLS-BOILERROOM-GW(8") JA62028-11 11/18/2010 (ppb) Result	Q	FLS-STAINSOIL-GW(10.5") JA62028-10 11/18/2010 (ppb) Result	Q
GC/MS Semi-volatiles (ppb)					
2-Chlorophenol	NS	1.1	U	1.1	U
4-Chloro-3-methyl phenol	NS	1.1	U	1.1	U
2,4-Dichlorophenol	5	1.2	U	1.2	U
2,4-Dimethylphenol	1	1.7	U	1.7	U
2,4-Dinitrophenol	10	0.74	U	0.74	U
4,6-Dinitro-o-cresol	NS	0.51	U	0.51	U
2-Methylphenol	NS	2		1.1	U
3&4-Methylphenol	NS	7.5		1	U
2-Nitrophenol	1	1.2	U	1.2	U
4-Nitrophenol	1	0.83	U	0.83	U
Pentachlorophenol	NS	0.8	U	0.8	U
Phenol	**1**	**2.9**		0.58	U
2,3,4,6-Tetrachlorophenol	NS	0.81	U	0.81	U
2,4,5-Trichlorophenol	1	1.3	U	1.3	U
2,4,6-Trichlorophenol	2	1.2	U	1.2	U
Acenaphthene	20	12.1		1.9	
Acenaphthylene	NS	0.27	U	0.27	U
Acetophenone	NS	0.4	U	0.4	U
Anthracene	50	5.5		0.82	J
Atrazine	7.5	0.39	U	0.39	U
Benzaldehyde	NS	0.4	U	0.4	U
Benzo(a)anthracene	**0.002**	**5.1**		**0.76 J**	
Benzo(a)pyrene	ND	5.5		0.63 J	U
Benzo(b)fluoranthene	**0.002**	**4.6**		**0.80 J**	
Benzo(g,h,i)perylene	5	3.7		0.45 J	
Benzo(k)fluoranthene	**0.002**	**3.5**		0.38	U
4-Bromophenyl phenyl ether	NS	0.35	U	0.35	U
Butyl benzyl phthalate	50	0.25	U	0.25	U
1,1'-Biphenyl	5	3.1		0.42	U
2-Chloronaphthalene	10	0.42	U	0.42	U
4-Chloroaniline	5	0.25	U	0.25	U
Carbazole	NS	5.4		1.8	
Caprolactam	NS	0.2	U	0.2	U
Chrysene	**0.002**	**5.7**		**0.89 J**	
bis(2-Chloroethoxy)methane	5	0.25	U	0.25	U
bis(2-Chloroethyl)ether	1	0.31	U	0.31	U
bis(2-Chloroisopropyl)ether	NS	0.39	U	0.39	U
4-Chlorophenyl phenyl ether	NS	0.35	U	0.35	U
2,4-Dinitrotoluene	5	0.22	U	0.22	U
2,6-Dinitrotoluene	5	0.33	U	0.33	U
3,3'-Dichlorobenzidine	5	0.3	U	0.3	U
Dibenzo(a,h)anthracene	50	1.3		0.15	U
Dibenzofuran	NS	3.1	J	0.78	J
Di-n-butyl phthalate	50	0.19	U	0.19	U
Di-n-octyl phthalate	50	0.4	U	0.4	U
Diethyl phthalate	50	0.17	U	0.17	U
Dimethyl phthalate	50	0.23	U	0.23	U
bis(2-Ethylhexyl)phthalate	5	0.33	U	0.33	U
Fluoranthene	50	11.3		2.1	
Fluorene	50	5.7		1	
Hexachlorobenzene	0.04	0.27	U	0.27	U
Hexachlorobutadiene	0.5	0.13	U	0.13	U
Hexachlorocyclopentadiene	5	0.24	U	0.24	U
Hexachloroethane	5	0.21	U	0.21	U
Indeno(1,2,3-cd)pyrene	**0.002**	**3.9**		**0.41 J**	
Isophorone	50	0.25	U	0.25	U
2-Methylnaphthalene	NS	35.4	U	2.4	
2-Nitroaniline	5	0.24	U	0.24	U
3-Nitroaniline	5	0.29	U	0.29	U
4-Nitroaniline	5	0.18	U	0.18	U
Naphthalene	**10**	**95**		8.8	
Nitrobenzene	0.4	0.25	U	0.25	U
N-Nitroso-di-n-propylamine	NS	0.44	U	0.44	U
N-Nitrosodiphenylamine	50	0.22	U	0.22	U
Phenanthrene	50	21.2		3.9	
Pyrene	50	10.4		1.7	
1,2,4,5-Tetrachlorobenzene	5	0.48	U	0.48	U

Notes:
Groundwater Samples analyzed for SVOCs by EPA Method 8270B
Highlighted Values Exceed NYSDEC Technical Operational Guidance Series 1.1.1 June 2004 rev
(ppb) = parts per billion
NS = No Standard

Qualifiers
U = Analyte not detected at or above reporting limit.
J = Value is estimated (greater than detection limit but below reporting limit.

APPENDICES

Appendix A

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

November 22, 2010

Mr. Mohamed Ahmed
Fleming-Lee Shue, Inc.
158 West 29th Street, 9th Floor
New York, NY 10001

Dear Mr. Ahmed:

This letter summarizes the results of the geophysical investigation conducted by NAEVA Geophysics, Inc. on November 18, 2010 at a commercial parking garage located at 525 West 52nd Street in Manhattan, New York. The purpose of the investigation was to search for abandoned underground storage tanks (USTs) that historic records suggest may exist at the site. The area of investigation was the approximately 19,500 square-foot basement of the building. The Fleming-Lee Shue site representative informed us that two cut-off pipes at the southern end of the basement were associated with two vent pipes observed on the roof top of the building and that a suspected fill port had been noted at the west side of a boiler room. At the request by the client, NAEVA also conducted a subsurface utility mark-out to allow for the safer placement of five boring locations.

The equipment used for the geophysical investigation included a Fisher TW-6 Pipe and Cable Locator (a type of hand-held electromagnetic metal-detector), a Subsite 950 utility locator, a Dynatel 2250 Cable Locator, and a Malå RAMAC/Ground Penetrating Radar (GPR) system with a 250 MHz antenna.

The two suspected vent pipes were traced for approximately 30 feet to the north where two immobilized vehicles were parked (see attached map). The TW-6 hand-held metal-detector indicated an anomalous area between the vent pipes and the two vehicles. Bi-directional GPR data profiles were collected over the accessible portions of this anomaly, but the GPR's signal penetration was insufficient through the reinforced concrete to confirm the presence of USTs. While NAEVA found no conclusive evidence of USTs at the aforementioned area between the suspected vent pipes and the two parked vehicles, we suggest it may be prudent to carefully excavate the anomalies to determine their sources.

The TW-6 metal-detector was carried in a series of parallel traverses throughout the area of investigation to search for other potential undocumented USTs. However, the instrument indicated that the majority of the basement was constructed with reinforced concrete, the presence of which prevented the use of the metal-detector. As an alternative approach, GPR data profiles were collected throughout the reinforced sections of the basement, but the data was inconclusive and could not be used to determine the presence of USTs. It should be noted that visible metal-frames on the surface within the western half of the basement also hindered the ability of our instruments to detect subsurface features.

NEW YORK
225 N. Route 303
Suite 102
Congers
New York 10920
(845) 268-1800
(845) 268-1802 Fax

VIRGINIA
P.O. Box 7325
Charlottesville
Virginia 22906
(434) 978-3187
(434) 973-9791 Fax

The Subsite line locator was utilized to delineate a large number of cut-off pipes including the client-noted suspected fill port at the west side of the boiler room, but the traced locations of these unknown lines gave no additional information to determine the presence of USTs.

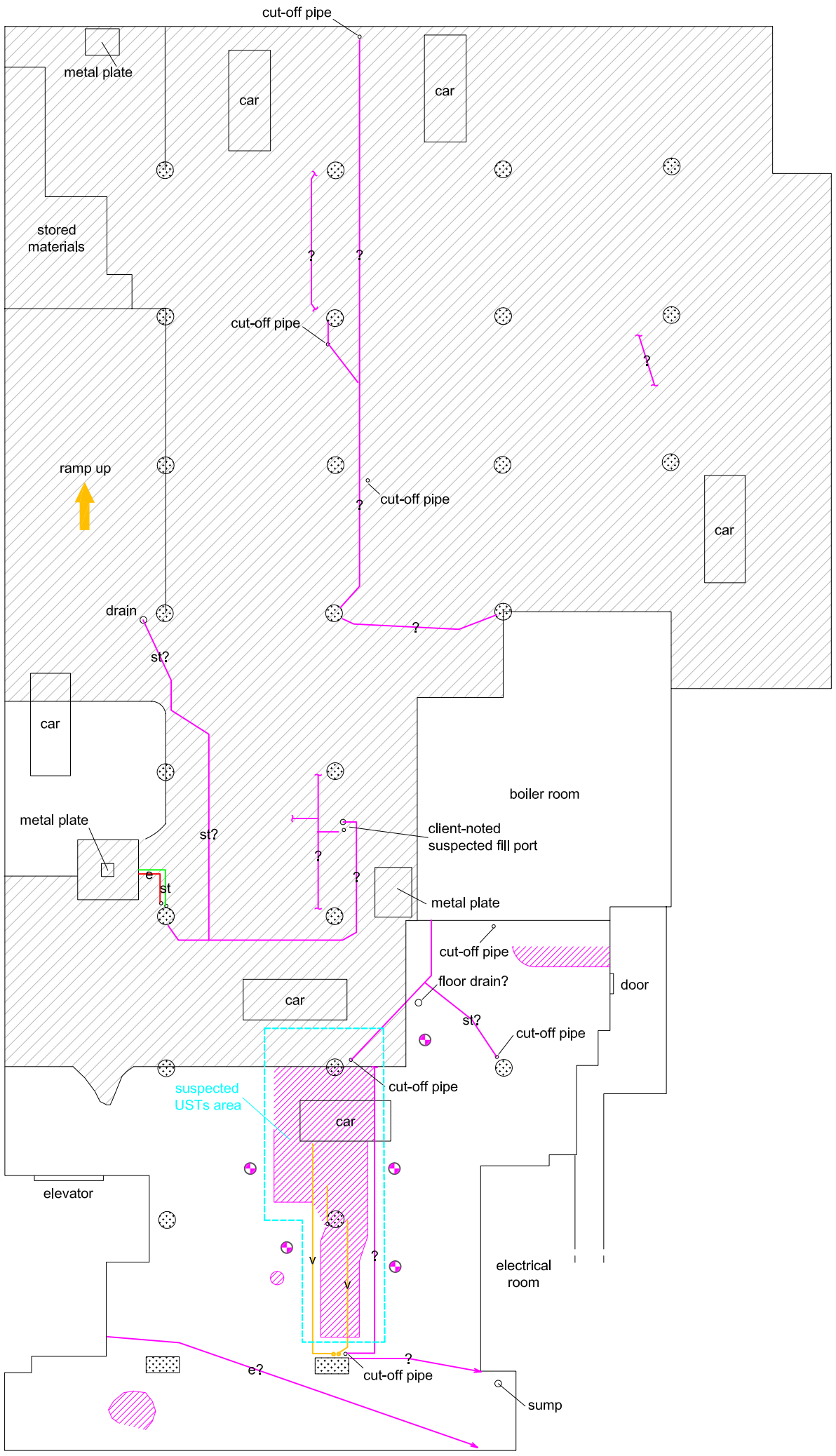
NAEVA found a remote fill port and a vent pipe in the sidewalk along 52nd Street, but these were associated with an in-use aboveground storage tank in the boiler room.

Thank you for the opportunity to work with you on this project. We look forward to providing subsurface locating service for you in the future. Please call me if I may answer any questions.

Sincerely,

Hiromi Hamajima
Senior Geologist – Project Manager
NAEVA Geophysics, Inc.

WEST 53rd STREET



WEST 52nd STREET

20 10 0 10 20 ft

Scale: One inch equals approximately twenty feet

LEGEND

e — electric line	metal-detector anomaly
v — vent line	reinforced concrete
st — storm sewer	support column
? — suspected utility	proposed exploratory boring site
suspected vents	

NAEVA GEOPHYSICS, INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

225 N. Route 303, Suite 102
Congers, NY. 10920
(845)268-1800
(845)268-1802 FAX

Figure 1: Results of a Geophysical Investigation conducted at 525 West 52nd Street in New York, New York

Client	Fleming-Lee Shue, Inc.	Date of Work	November 18, 2010
Project No.	C1011181H	Map By	Hiromi Hamajima

ALL UNDERGROUND FACILITIES MAY NOT BE DEPICTED ON THIS MAP

Appendix B

SOIL BORING #: FLS-FD-1

PROJECT ID:	FLS PROJECT NO.: 10073-021-1
LOCATION: 525 West 52nd Street, New York, NY	ENGINEER: Andrew Huang
DRILLER: Cameron Morgan	
DRILLING METHOD: Geoprobe - Direct Push	
SOIL SAMPLING METHOD: Acetate Liner	
DATE BORING INSTALLED: 11/18/2010	
TOTAL DEPTH: 3.5 ft-bg	DEPTH TO WATER: NA

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	DENSITY/ MOISTURE	REC. (FT)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0			0-0.5 ' concrete pad 0.6-1.0 Fill, coarse sand and gravel, gray, loose	
	0	dry	2.7	1.0-2.0 Dark brown sand and clay, dry.	Smell potroleum ordor but not PID reading at 2' Collected soil sample (FLS-FD-1(2'))
2	0			2.0-3.0 Light brown clay and fine sand, dry.	
	0			3.5 Light brown to brown, bedrock fragment and fine sand, dry.	
				(EOB @ 3.5')	
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 11/19/2010 DRAWN BY: Andrew Huang
SCALE: REV. BY:
FILE NAME:

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: FLS-FD-2

PROJECT ID:	FLS PROJECT NO.: 10073-021-1
LOCATION: 525 West 52nd Street, New York, NY	ENGINEER: Andrew Huang
DRILLER: Cameron Morgan	
DRILLING METHOD: Geoprobe - Direct Push	
SOIL SAMPLING METHOD: Acetate Liner	
DATE BORING INSTALLED: 11/18/2010	
TOTAL DEPTH: 2.5 ft-bg	DEPTH TO WATER: NA

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	DENSITY/ MOISTURE	REC. (FT)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0	moist	1.4	0-0.5 ' concrete pad	
	0			0.5-2.5' Fill, dark brown to black, cinder, coarse gravel and sand, pack	
2	0			2.5' dark brown, clay and bed rock fragment, pack	Collected soil sample (FLS-FD-2(2.5'))
				(EOB @ 2.5')	
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 11/19/2010 DRAWN BY: Andrew Huang
SCALE: REV. BY:
FILE NAME:

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: FLS-FD-3

PROJECT ID:	FLS PROJECT NO.: 10073-021-1
LOCATION: 525 West 52nd Street, New York, NY	ENGINEER: Andrew Huang
DRILLER: Cameron Morgan	
DRILLING METHOD: Geoprobe - Direct Push	
SOIL SAMPLING METHOD: Acetate Liner	
DATE BORING INSTALLED: 11/18/2010	
TOTAL DEPTH: 2 ft-bg	DEPTH TO WATER: NA

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	DENSITY/ MOISTURE	REC. (FT)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0	dry	1.4	0-0.5 ' concrete pad 0.5-2' Fill, gray to black, gravel and sand, loose 2' gray, bedrock fragment and gravel	Collected soil sample (FLS-FD-3(2.0'))
2				(EOB @ 2.0')	
4					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 11/19/2010 DRAWN BY: Andrew Huang
SCALE: REV. BY:
FILE NAME:

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: FLS-UST-1

PROJECT ID:	FLS PROJECT NO.: 10073-021-1
LOCATION: 525 West 52nd Street, New York, NY	ENGINEER: Andrew Huang
DRILLER:	
DRILLING METHOD: Geoprobe	
SOIL SAMPLING METHOD: Grab sample	
DATE BORING INSTALLED: 11/18/2010	
TOTAL DEPTH: 1.5 ft-bg	DEPTH TO WATER: NA

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	DENSITY/ MOISTURE	REC. (FT)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0	mosit	0.9	0.5 to 1.5' Fill, dark brown small gravel and sandy clay 1.5' gray, bedrock fragment loose	Collected soil sample (FLS-UST-1(1.5'))
2				(EOB @ 1.5')	
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 11/19/2010 DRAWN BY: Andrew Huang
SCALE: REV. BY:
FILE NAME:

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: FLS-UST-2

PROJECT ID:	FLS PROJECT NO.: 10073-021-1
LOCATION: 525 West 52nd Street, New York, NY	ENGINEER: Andrew Huang
DRILLER:	
DRILLING METHOD: Geoprobe	
SOIL SAMPLING METHOD: Grab sample	
DATE BORING INSTALLED: 11/18/2010	
TOTAL DEPTH: 3.5 ft-bg	DEPTH TO WATER: NA

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	DENSITY/ MOISTURE	REC. (FT)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0	dry	2	0.5-1' Fill, dark brown to black, coarse sand, small gravel and little clay, pack 1.0 to 2' gray, Fill fine sand, clay and gravel, a little silt, loose	
2				2-3' dark brown to black coarse gravel and clay, loose 3.5' bedrock fragment	Collected soil sample (FLS-UST-2(3.5'))
4				(EOB @ 3.5')	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 11/19/2010 DRAWN BY: Andrew Huang
SCALE: REV. BY:
FILE NAME:

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: FLS-UST-3

PROJECT ID:	FLS PROJECT NO.: 10073-021-1
LOCATION: 525 West 52nd Street, New York, NY	ENGINEER: Andrew Huang
DRILLER:	
DRILLING METHOD: Geoprobe	
SOIL SAMPLING METHOD: Grab sample	
DATE BORING INSTALLED: 11/18/2010	
TOTAL DEPTH: 3 ft-bg	DEPTH TO WATER: NA

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	DENSITY/ MOISTURE	REC. (FT)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0		1.4	0-0.5 ' concrete pad	
		dry		0.5-1' Fill, yellow to brown, sand and brick, pack	
				1-3' Fill, gray, silt, clay and C sand, little F gravel	
2				3' gray, gravel and bedrock fragment	Collected soil sample (FLS-UST-3(3.0'))
				(EOB @ 3.0')	
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 11/19/2010 DRAWN BY: Andrew Huang
SCALE: REV. BY:
FILE NAME:

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: FLS-UST-4

PROJECT ID:	FLS PROJECT NO.: 10073-021-1
LOCATION: 525 West 52nd Street, New York, NY	ENGINEER: Andrew Huang
DRILLER:	
DRILLING METHOD: Geoprobe	
SOIL SAMPLING METHOD: Grab sample	
DATE BORING INSTALLED: 11/18/2010	
TOTAL DEPTH: 2 ft-bg	DEPTH TO WATER: NA

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	DENSITY/ MOISTURE	REC. (FT)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0				0.5-2' Fill, dry, loose, dark brown, coarse gravel and fine sand, pack, a little cinder 2' gray, bedrock fragment	Collected soil sample (FLS-UST-4(2.0'))
2				(EOB @ 3.0')	
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 11/19/2010 DRAWN BY: Andrew Huang
SCALE: REV. BY:
FILE NAME:

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: FLS-BIOLER ROOM

PROJECT ID:	FLS PROJECT NO.: 10073-021-1
LOCATION: 525 West 52nd Street, New York, NY	ENGINEER: Andrew Huang
DRILLER:	
DRILLING METHOD: Geoprobe	
SOIL SAMPLING METHOD: Grab sample	
DATE BORING INSTALLED: 11/18/2010	
TOTAL DEPTH: 3.5 ft-bg	DEPTH TO WATER: 3.5

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	DENSITY/ MOISTURE	REC. (FT)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0		1.2	0-0.5 ' concrete pad 0.5-1.5 Fill, C sand and gravel loose, gray to brown	
		moist		1.5 to 3, Fill gray coarse sand and gravel, little clay, loose	
2					Collected GW sample FLS-Bioler Room-GW(8") Collected soil sample (FLS-Bioler Room(3.0'))
				3.5' dark gray badrock fragment, GW at the bottom.	
				(EOB @ 3.5')	
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 11/19/2010 DRAWN BY: Andrew Huang
SCALE: REV. BY:
FILE NAME:

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: FLS-STAIN SOIL

PROJECT ID:	FLS PROJECT NO.: 10073-021-1
LOCATION: 525 West 52nd Street, New York, NY	ENGINEER: Andrew Huang
DRILLER:	
DRILLING METHOD: Geoprobe	
SOIL SAMPLING METHOD: Grab sample	
DATE BORING INSTALLED: 11/18/2010	
TOTAL DEPTH: 3.5 ft-bg	DEPTH TO WATER: 3.5

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	DENSITY/ MOISTURE	REC. (FT)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0		1.3	0.5-1.5' Fill, gray to dark brown, stone and brick and coarse gravel, dry,loose	
				1.5-3.5' Fill, dark gray to black, coarse gravel, with cinder,little clay and silt	
2		Moist			Collected soil sample (FLS-Stain Soil(3.0'))
				3.5' dark gray back rock fragments, wet, GW at the bottom	Collected GW sample FLS-Stain Soil-GW(10.5")
				(EOB @ 3.5')	
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 11/19/2010 DRAWN BY: Andrew Huang
SCALE: REV. BY:
FILE NAME:

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

Appendix C

New Jersey ACCUTEST LABORATORIES

12/07/10

Technical Report for

Fleming-Lee Shue, Inc.

525 West 52nd Street, New York, NY

10073

Accutest Job Number: JA62028

Sampling Date: 11/18/10

Report to:

Fleming-Lee Shue, Inc.
158 West 29th Street
9th Floor
New York, NY 10001

ATTN: Andrew Huang

Total number of pages in report: **1114**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Tammy McCloskey 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

Fleming-Lee Shue, Inc.

Job No: JA62028

525 West 52nd Street, New York, NY
Project No: 10073

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA62028-1	11/18/10	10:05	AH	11/18/10	SO	Soil	FLS-BOILERROOM(3.0')
JA62028-2	11/18/10	11:31	AH	11/18/10	SO	Soil	FLS-STAINSOIL(3.0')
JA62028-3	11/18/10	11:56	AH	11/18/10	SO	Soil	FLS-UST-2(3.5')
JA62028-4	11/18/10	11:38	AH	11/18/10	SO	Soil	FLS-UST-4(2.0')
JA62028-5	11/18/10	11:23	AH	11/18/10	SO	Soil	FLS-UST-3(3.0')
JA62028-6	11/18/10	11:16	AH	11/18/10	SO	Soil	FLS-UST-1(1.5')
JA62028-7	11/18/10	10:42	AH	11/18/10	SO	Soil	FLS-FD-2(2.5')
JA62028-8	11/18/10	10:15	AH	11/18/10	SO	Soil	FLS-FD-1(2.0')
JA62028-9	11/18/10	11:12	AH	11/18/10	SO	Soil	DLS-FD-3(2.0')
JA62028-10	11/18/10	14:53	AH	11/18/10	AQ	Ground Water	FLS-STAINSOIL-GW(10.5")
JA62028-11	11/18/10	15:13	AH	11/18/10	AQ	Ground Water	FLS-BOILERROOM-GW(8")

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Fleming-Lee Shue, Inc. **Job No:** JA62028

Site: 525 West 52nd Street, New York, NY **Report Date** 12/7/2010 4:54:28 PM

On 11/18/2010, 11 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.6 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA62028 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V3A3693

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA62116-1MS, JA62116-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for cis-1,2-Dichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- Matrix Spike Duplicate Recovery(s) for cis-1,2-Dichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Methylene chloride are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix: SO **Batch ID:** VY4515

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA62168-4MS, JA62168-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- JA62028-1 for Dibromofluoromethane: Outside control limits due to matrix interference, confirmed by reanalysis.

Matrix: SO **Batch ID:** VY4517

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA62028-4MS, JA62028-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for cis-1,2-Dichloroethene are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- JA62028-1: Confirmation run for surrogate recoveries.

Matrix: SO **Batch ID:** VY4523

- The data for SW846 8260B meets quality control requirements.
- JA62028-3: Confirmation run for surrogate recoveries.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ **Batch ID:** OP46866

- All samples were extracted within the recommended method holding time.
- Sample(s) JA62003-2MS, JA62003-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for bis(2-Ethylhexyl)phthalate are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for bis(2-Ethylhexyl)phthalate are outside control limits. Outside control limits due to matrix interference.
- RPD(s) for MSD for 4-Nitrophenol are outside control limits for sample OP46866-MSD. Outside control limits due to matrix interference.
- OP46866-MSD for 2-Fluorophenol: Outside of in house control limits, but within reasonable method recovery limits.
- OP46866-MS for 2-Fluorophenol: Outside of in house control limits, but within reasonable method recovery limits.
- OP46866-MS for Phenol-d5: Outside of in house control limits, but within reasonable method recovery limits.
- OP46866-MSD for Phenol-d5: Outside of in house control limits, but within reasonable method recovery limits.

Matrix: SO **Batch ID:** OP46863

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA62002-1MS, JA62002-1MSD were used as the QC samples indicated.
- JA62028-1: Confirmation run for internal standard areas.
- JA62028-2: Confirmation run for internal standard areas.
- JA62028-2 for 2-Fluorophenol: Outside control limits due to matrix interference.
- JA62028-2 for 2-Fluorobiphenyl: Outside control limits due to matrix interference.

Metals By Method SW846 6010B

Matrix: SO **Batch ID:** MP55928

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA61985-2MS, JA61985-2MSD, JA61985-2SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Aluminum, Antimony, Iron, Lead, Magnesium, Manganese, Zinc are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Aluminum, Antimony, Calcium, Magnesium, Zinc, Lead are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Calcium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for MSD for Lead are outside control limits for sample MP55928-S2. High rpd due to possible sample nonhomogeneity.
- RPD(s) for Serial Dilution for Antimony, Cadmium, Selenium, Thallium are outside control limits for sample MP55928-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- RPD(s) for Serial Dilution for Nickel, Zinc are outside control limits for sample MP55928-SD1. Serial dilution indicates possible matrix interference.

Metals By Method SW846 7471A

Matrix: SO **Batch ID:** MP55941

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA61946-1MS, JA61946-1MSD were used as the QC samples for metals.

Wet Chemistry By Method SM18 2540G

Matrix:	SO	Batch ID:	GN45285

- The data for SM18 2540G meets quality control requirements.

Matrix:	SO	Batch ID:	GN45286

- The data for SM18 2540G meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-BOILERROOM(3.0')		
Lab Sample ID:	JA62028-1	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	87.5
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y106026.D	1	11/23/10	AVM	n/a	n/a	VY4515
Run #2 [a]	Y106078.D	1	11/25/10	AVM	n/a	n/a	VY4517

	Initial Weight
Run #1	4.5 g
Run #2	2.5 g

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	5.2	13	2.8	ug/kg	J
71-43-2	Benzene	ND	1.3	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	6.3	0.33	ug/kg	
75-25-2	Bromoform	ND	6.3	0.19	ug/kg	
74-83-9	Bromomethane	ND	6.3	0.51	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	6.3	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.3	0.70	ug/kg	
108-90-7	Chlorobenzene	ND	6.3	0.43	ug/kg	
75-00-3	Chloroethane	ND	6.3	1.3	ug/kg	
67-66-3	Chloroform	ND	6.3	0.40	ug/kg	
74-87-3	Chloromethane	ND	6.3	0.21	ug/kg	
110-82-7	Cyclohexane	ND	6.3	0.19	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.69	ug/kg	
124-48-1	Dibromochloromethane	ND	6.3	0.14	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.3	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.3	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.3	0.43	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.3	0.18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.3	0.84	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.3	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.3	0.57	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.3	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.3	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.3	0.12	ug/kg	
123-91-1	1,4-Dioxane	ND	160	110	ug/kg	
100-41-4	Ethylbenzene	0.71	1.3	0.47	ug/kg	J
76-13-1	Freon 113	ND	6.3	0.71	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-BOILERROOM(3.0')		
Lab Sample ID:	JA62028-1	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	87.5
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.3	1.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.3	0.66	ug/kg	
79-20-9	Methyl Acetate	ND	6.3	1.0	ug/kg	
108-87-2	Methylcyclohexane	ND	6.3	0.83	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.3	1.0	ug/kg	
75-09-2	Methylene chloride	ND	6.3	0.28	ug/kg	
100-42-5	Styrene	ND	6.3	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.3	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	6.3	0.18	ug/kg	
108-88-3	Toluene	0.98	1.3	0.37	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	0.75	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	0.44	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.3	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.3	0.23	ug/kg	
79-01-6	Trichloroethene	ND	6.3	0.67	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	0.29	ug/kg	
75-01-4	Vinyl chloride	ND	6.3	0.23	ug/kg	
	m,p-Xylene	0.87	2.5	0.60	ug/kg	J
95-47-6	o-Xylene	ND	1.3	0.60	ug/kg	
1330-20-7	Xylene (total)	1.4	2.5	0.60	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	22% [c]	35% [b]	67-127%
17060-07-0	1,2-Dichloroethane-D4	111%	111%	65-132%
2037-26-5	Toluene-D8	99%	95%	74-129%
460-00-4	4-Bromofluorobenzene	88%	84%	62-138%

(a) Confirmation run for surrogate recoveries.
(b) Outside control limits due to matrix interference.
(c) Outside control limits due to matrix interference, confirmed by reanalysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-BOILERROOM(3.0')		
Lab Sample ID:	JA62028-1	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	87.5
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F93539.D	1	11/30/10	LP	11/20/10	OP46863	EF4370
Run #2 [a]	F93612.D	2	12/02/10	NAP	11/20/10	OP46863	EF4373

	Initial Weight	Final Volume
Run #1	35.0 g	1.0 ml
Run #2	35.0 g	1.0 ml

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	160	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	160	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	160	53	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	160	55	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	650	40	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	650	40	ug/kg	
95-48-7	2-Methylphenol	ND	65	37	ug/kg	
	3&4-Methylphenol	ND	65	41	ug/kg	
88-75-5	2-Nitrophenol	ND	160	35	ug/kg	
100-02-7	4-Nitrophenol	ND	330	55	ug/kg	
87-86-5	Pentachlorophenol	ND	330	56	ug/kg	
108-95-2	Phenol	ND	65	34	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	160	38	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	160	31	ug/kg	
83-32-9	Acenaphthene	ND	33	9.5	ug/kg	
208-96-8	Acenaphthylene	ND	33	10	ug/kg	
98-86-2	Acetophenone	ND	160	5.7	ug/kg	
120-12-7	Anthracene	ND	33	11	ug/kg	
1912-24-9	Atrazine	ND	160	6.4	ug/kg	
56-55-3	Benzo(a)anthracene	111	33	11	ug/kg	
50-32-8	Benzo(a)pyrene	88.9	33	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	108	33	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	87.0	33	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	46.0	33	12	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	65	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	65	19	ug/kg	
92-52-4	1,1'-Biphenyl	ND	65	3.8	ug/kg	
100-52-7	Benzaldehyde	ND	160	7.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	65	10	ug/kg	
106-47-8	4-Chloroaniline	ND	160	10	ug/kg	
86-74-8	Carbazole	ND	65	15	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-BOILERROOM(3.0')		
Lab Sample ID:	JA62028-1	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	87.5
Project:	525 West 52nd Street, New York, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	65	10	ug/kg	
218-01-9	Chrysene	151	33	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	65	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	65	9.8	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	65	9.7	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	65	9.8	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	65	14	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	65	12	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	160	8.3	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	11	ug/kg	
132-64-9	Dibenzofuran	ND	65	9.7	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	65	7.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	65	16	ug/kg	
84-66-2	Diethyl phthalate	ND	65	11	ug/kg	
131-11-3	Dimethyl phthalate	ND	65	11	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	65	29	ug/kg	
206-44-0	Fluoranthene	151	33	14	ug/kg	
86-73-7	Fluorene	ND	33	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	65	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	9.1	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	650	33	ug/kg	
67-72-1	Hexachloroethane	ND	160	9.1	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	66.2	33	11	ug/kg	
78-59-1	Isophorone	ND	65	8.8	ug/kg	
91-57-6	2-Methylnaphthalene	ND	65	18	ug/kg	
88-74-4	2-Nitroaniline	ND	160	14	ug/kg	
99-09-2	3-Nitroaniline	ND	160	13	ug/kg	
100-01-6	4-Nitroaniline	ND	160	13	ug/kg	
91-20-3	Naphthalene	32.4	33	8.9	ug/kg	J
98-95-3	Nitrobenzene	ND	65	9.4	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	65	8.0	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	160	19	ug/kg	
85-01-8	Phenanthrene	55.6	33	15	ug/kg	
129-00-0	Pyrene	202	33	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%	63%	30-109%
4165-62-2	Phenol-d5	68%	73%	28-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-BOILERROOM(3.0')		
Lab Sample ID:	JA62028-1	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	87.5
Project:	525 West 52nd Street, New York, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	88%	80%	28-125%
4165-60-0	Nitrobenzene-d5	78%	90%	28-113%
321-60-8	2-Fluorobiphenyl	71%	69%	38-107%
1718-51-0	Terphenyl-d14	83%	80%	31-116%

(a) Confirmation run for internal standard areas.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: FLS-STAINSOIL(3.0')
Lab Sample ID: JA62028-2
Matrix: SO - Soil
Method: SW846 8260B
Project: 525 West 52nd Street, New York, NY

Date Sampled: 11/18/10
Date Received: 11/18/10
Percent Solids: 84.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y106071.D	1	11/24/10	AVM	n/a	n/a	VY4517
Run #2							

	Initial Weight
Run #1	4.6 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	5.7	13	2.9	ug/kg	J
71-43-2	Benzene	ND	1.3	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	6.4	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	6.4	0.33	ug/kg	
75-25-2	Bromoform	ND	6.4	0.19	ug/kg	
74-83-9	Bromomethane	ND	6.4	0.52	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	6.4	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.4	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	6.4	0.44	ug/kg	
75-00-3	Chloroethane	ND	6.4	1.3	ug/kg	
67-66-3	Chloroform	ND	6.4	0.41	ug/kg	
74-87-3	Chloromethane	ND	6.4	0.21	ug/kg	
110-82-7	Cyclohexane	ND	6.4	0.19	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.70	ug/kg	
124-48-1	Dibromochloromethane	ND	6.4	0.14	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.4	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.4	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.4	0.43	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.4	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.4	0.18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.4	0.85	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.4	0.31	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.4	0.58	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.4	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.4	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.4	0.12	ug/kg	
123-91-1	1,4-Dioxane	ND	160	110	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.48	ug/kg	
76-13-1	Freon 113	ND	6.4	0.72	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-STAINSOIL(3.0')		
Lab Sample ID:	JA62028-2	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	84.4
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.4	1.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.4	0.67	ug/kg	
79-20-9	Methyl Acetate	ND	6.4	1.1	ug/kg	
108-87-2	Methylcyclohexane	ND	6.4	0.84	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.4	1.0	ug/kg	
75-09-2	Methylene chloride	ND	6.4	0.29	ug/kg	
100-42-5	Styrene	ND	6.4	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.4	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	6.4	0.19	ug/kg	
108-88-3	Toluene	ND	1.3	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	0.76	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	0.44	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.4	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.4	0.24	ug/kg	
79-01-6	Trichloroethene	ND	6.4	0.68	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.4	0.29	ug/kg	
75-01-4	Vinyl chloride	ND	6.4	0.23	ug/kg	
	m,p-Xylene	ND	2.6	0.60	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.60	ug/kg	
1330-20-7	Xylene (total)	ND	2.6	0.60	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		67-127%
17060-07-0	1,2-Dichloroethane-D4	114%		65-132%
2037-26-5	Toluene-D8	95%		74-129%
460-00-4	4-Bromofluorobenzene	86%		62-138%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-STAINSOIL(3.0')		
Lab Sample ID:	JA62028-2	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.4
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F93611.D	2	12/02/10	NAP	11/20/10	OP46863	EF4373
Run #2 [a]	F93559.D	1	11/30/10	NAP	11/20/10	OP46863	EF4371

	Initial Weight	Final Volume
Run #1	35.2 g	1.0 ml
Run #2	35.2 g	1.0 ml

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	340	68	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	340	67	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	340	110	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	340	110	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1300	82	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1300	82	ug/kg	
95-48-7	2-Methylphenol	ND	130	77	ug/kg	
	3&4-Methylphenol	ND	130	85	ug/kg	
88-75-5	2-Nitrophenol	ND	340	71	ug/kg	
100-02-7	4-Nitrophenol	ND	670	110	ug/kg	
87-86-5	Pentachlorophenol	ND	670	120	ug/kg	
108-95-2	Phenol	ND	130	71	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	340	69	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	340	78	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	340	63	ug/kg	
83-32-9	Acenaphthene	720	67	20	ug/kg	
208-96-8	Acenaphthylene	ND	67	22	ug/kg	
98-86-2	Acetophenone	ND	340	12	ug/kg	
120-12-7	Anthracene	1020	67	24	ug/kg	
1912-24-9	Atrazine	ND	340	13	ug/kg	
56-55-3	Benzo(a)anthracene	1570	67	22	ug/kg	
50-32-8	Benzo(a)pyrene	1330	67	21	ug/kg	
205-99-2	Benzo(b)fluoranthene	1660	67	22	ug/kg	
191-24-2	Benzo(g,h,i)perylene	758	67	25	ug/kg	
207-08-9	Benzo(k)fluoranthene	814	67	25	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	130	24	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	130	39	ug/kg	
92-52-4	1,1'-Biphenyl	96.2	130	7.8	ug/kg	J
100-52-7	Benzaldehyde	ND	340	15	ug/kg	
91-58-7	2-Chloronaphthalene	ND	130	21	ug/kg	
106-47-8	4-Chloroaniline	ND	340	22	ug/kg	
86-74-8	Carbazole	477	130	31	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-STAINSOIL(3.0')		
Lab Sample ID:	JA62028-2	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.4
Project:	525 West 52nd Street, New York, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	130	21	ug/kg	
218-01-9	Chrysene	1620	67	23	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	130	27	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	130	20	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	130	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	130	20	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	130	29	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	130	26	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	17	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	371	67	23	ug/kg	
132-64-9	Dibenzofuran	348	130	20	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	130	15	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	130	33	ug/kg	
84-66-2	Diethyl phthalate	ND	130	23	ug/kg	
131-11-3	Dimethyl phthalate	ND	130	24	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	130	59	ug/kg	
206-44-0	Fluoranthene	3160	67	30	ug/kg	
86-73-7	Fluorene	441	67	22	ug/kg	
118-74-1	Hexachlorobenzene	ND	130	22	ug/kg	
87-68-3	Hexachlorobutadiene	ND	67	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1300	69	ug/kg	
67-72-1	Hexachloroethane	ND	340	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	790	67	23	ug/kg	
78-59-1	Isophorone	ND	130	18	ug/kg	
91-57-6	2-Methylnaphthalene	792	130	38	ug/kg	
88-74-4	2-Nitroaniline	ND	340	30	ug/kg	
99-09-2	3-Nitroaniline	ND	340	27	ug/kg	
100-01-6	4-Nitroaniline	ND	340	26	ug/kg	
91-20-3	Naphthalene	1100	67	18	ug/kg	
98-95-3	Nitrobenzene	ND	130	19	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	130	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	340	40	ug/kg	
85-01-8	Phenanthrene	4440	67	31	ug/kg	
129-00-0	Pyrene	3070	67	26	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	340	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%	27% [b]	30-109%
4165-62-2	Phenol-d5	70%	30%	28-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-STAINSOIL(3.0')		
Lab Sample ID:	JA62028-2	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.4
Project:	525 West 52nd Street, New York, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	82%	46%	28-125%
4165-60-0	Nitrobenzene-d5	90%	38%	28-113%
321-60-8	2-Fluorobiphenyl	72%	37% [b]	38-107%
1718-51-0	Terphenyl-d14	96%	41%	31-116%

(a) Confirmation run for internal standard areas.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	FLS-UST-2(3.5')		
Lab Sample ID:	JA62028-3	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	72.2
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y106072.D	1	11/24/10	AVM	n/a	n/a	VY4517
Run #2 [a]	Y106213.D	1	11/30/10	AVM	n/a	n/a	VY4523

	Initial Weight
Run #1	4.6 g
Run #2	4.5 g

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	15.2	15	3.4	ug/kg	
71-43-2	Benzene	ND	1.5	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	7.5	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	7.5	0.39	ug/kg	
75-25-2	Bromoform	ND	7.5	0.23	ug/kg	
74-83-9	Bromomethane	ND	7.5	0.61	ug/kg	
78-93-3	2-Butanone (MEK)	ND	15	3.0	ug/kg	
75-15-0	Carbon disulfide	ND	7.5	0.46	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.5	0.84	ug/kg	
108-90-7	Chlorobenzene	ND	7.5	0.51	ug/kg	
75-00-3	Chloroethane	ND	7.5	1.5	ug/kg	
67-66-3	Chloroform	ND	7.5	0.48	ug/kg	
74-87-3	Chloromethane	ND	7.5	0.25	ug/kg	
110-82-7	Cyclohexane	ND	7.5	0.23	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	15	0.81	ug/kg	
124-48-1	Dibromochloromethane	ND	7.5	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.21	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.5	0.41	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.5	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.5	0.51	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.5	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.5	0.21	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.52	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.5	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.5	0.36	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.5	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.5	0.20	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.5	0.20	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.5	0.14	ug/kg	
123-91-1	1,4-Dioxane	ND	190	130	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.56	ug/kg	
76-13-1	Freon 113	ND	7.5	0.85	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-UST-2(3.5')		
Lab Sample ID:	JA62028-3	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	72.2
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	7.5	1.4	ug/kg	
98-82-8	Isopropylbenzene	ND	7.5	0.78	ug/kg	
79-20-9	Methyl Acetate	ND	7.5	1.2	ug/kg	
108-87-2	Methylcyclohexane	2.0	7.5	0.98	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.42	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.5	1.2	ug/kg	
75-09-2	Methylene chloride	ND	7.5	0.34	ug/kg	
100-42-5	Styrene	ND	7.5	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.5	0.44	ug/kg	
127-18-4	Tetrachloroethene	ND	7.5	0.22	ug/kg	
108-88-3	Toluene	ND	1.5	0.44	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.5	0.89	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.5	0.52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.5	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.5	0.28	ug/kg	
79-01-6	Trichloroethene	ND	7.5	0.79	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.5	0.34	ug/kg	
75-01-4	Vinyl chloride	ND	7.5	0.27	ug/kg	
	m,p-Xylene	ND	3.0	0.71	ug/kg	
95-47-6	o-Xylene	ND	1.5	0.71	ug/kg	
1330-20-7	Xylene (total)	ND	3.0	0.71	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	58%	64%	67-127%
17060-07-0	1,2-Dichloroethane-D4	113%	110%	65-132%
2037-26-5	Toluene-D8	94%	95%	74-129%
460-00-4	4-Bromofluorobenzene	90%	86%	62-138%

(a) Confirmation run for surrogate recoveries.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-UST-2(3.5')		
Lab Sample ID:	JA62028-3	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
		Percent Solids:	72.2
Project:	525 West 52nd Street, New York, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	81.3	2.7	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA25459
(2) Prep QC Batch: MP55928

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	FLS-UST-4(2.0')		
Lab Sample ID:	JA62028-4	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	78.7
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y106065.D	1	11/24/10	AVM	n/a	n/a	VY4517
Run #2							

	Initial Weight
Run #1	4.8 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	3.0	ug/kg	
71-43-2	Benzene	ND	1.3	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	6.6	0.29	ug/kg	
75-27-4	Bromodichloromethane	ND	6.6	0.34	ug/kg	
75-25-2	Bromoform	ND	6.6	0.20	ug/kg	
74-83-9	Bromomethane	ND	6.6	0.53	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	2.6	ug/kg	
75-15-0	Carbon disulfide	0.63	6.6	0.40	ug/kg	J
56-23-5	Carbon tetrachloride	ND	6.6	0.73	ug/kg	
108-90-7	Chlorobenzene	ND	6.6	0.45	ug/kg	
75-00-3	Chloroethane	ND	6.6	1.3	ug/kg	
67-66-3	Chloroform	ND	6.6	0.42	ug/kg	
74-87-3	Chloromethane	ND	6.6	0.22	ug/kg	
110-82-7	Cyclohexane	ND	6.6	0.20	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.72	ug/kg	
124-48-1	Dibromochloromethane	ND	6.6	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.6	0.36	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.6	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.6	0.45	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.6	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.6	0.18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.6	0.88	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.6	0.32	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.6	0.59	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.6	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.6	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.6	0.13	ug/kg	
123-91-1	1,4-Dioxane	ND	170	110	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.49	ug/kg	
76-13-1	Freon 113	ND	6.6	0.74	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-UST-4(2.0')		
Lab Sample ID:	JA62028-4	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	78.7
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.6	1.3	ug/kg	
98-82-8	Isopropylbenzene	ND	6.6	0.69	ug/kg	
79-20-9	Methyl Acetate	ND	6.6	1.1	ug/kg	
108-87-2	Methylcyclohexane	ND	6.6	0.87	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.6	1.1	ug/kg	
75-09-2	Methylene chloride	ND	6.6	0.30	ug/kg	
100-42-5	Styrene	ND	6.6	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.6	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	6.6	0.19	ug/kg	
108-88-3	Toluene	1.3	1.3	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	0.78	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	0.46	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.6	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.6	0.24	ug/kg	
79-01-6	Trichloroethene	ND	6.6	0.70	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.6	0.30	ug/kg	
75-01-4	Vinyl chloride	ND	6.6	0.24	ug/kg	
	m,p-Xylene	ND	2.6	0.62	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	2.6	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	118%		67-127%
17060-07-0	1,2-Dichloroethane-D4	107%		65-132%
2037-26-5	Toluene-D8	94%		74-129%
460-00-4	4-Bromofluorobenzene	92%		62-138%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-UST-4(2.0')		
Lab Sample ID:	JA62028-4	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
		Percent Solids:	78.7
Project:	525 West 52nd Street, New York, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	80.1	2.6	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA25459
(2) Prep QC Batch: MP55928

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-UST-3(3.0')		
Lab Sample ID:	JA62028-5	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	85.6
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y106066.D	1	11/24/10	AVM	n/a	n/a	VY4517
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	2.9	ug/kg	
71-43-2	Benzene	ND	1.3	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	6.5	0.29	ug/kg	
75-27-4	Bromodichloromethane	ND	6.5	0.33	ug/kg	
75-25-2	Bromoform	ND	6.5	0.20	ug/kg	
74-83-9	Bromomethane	ND	6.5	0.52	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	2.6	ug/kg	
75-15-0	Carbon disulfide	0.69	6.5	0.40	ug/kg	J
56-23-5	Carbon tetrachloride	ND	6.5	0.72	ug/kg	
108-90-7	Chlorobenzene	ND	6.5	0.44	ug/kg	
75-00-3	Chloroethane	ND	6.5	1.3	ug/kg	
67-66-3	Chloroform	ND	6.5	0.41	ug/kg	
74-87-3	Chloromethane	ND	6.5	0.21	ug/kg	
110-82-7	Cyclohexane	ND	6.5	0.20	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.70	ug/kg	
124-48-1	Dibromochloromethane	ND	6.5	0.14	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.5	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.5	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.5	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.5	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.5	0.18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.5	0.86	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.5	0.31	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.5	0.58	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.5	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.5	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.5	0.12	ug/kg	
123-91-1	1,4-Dioxane	ND	160	110	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.48	ug/kg	
76-13-1	Freon 113	ND	6.5	0.73	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-UST-3(3.0')		
Lab Sample ID:	JA62028-5	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	85.6
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.5	1.3	ug/kg	
98-82-8	Isopropylbenzene	ND	6.5	0.67	ug/kg	
79-20-9	Methyl Acetate	ND	6.5	1.1	ug/kg	
108-87-2	Methylcyclohexane	ND	6.5	0.85	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.5	1.1	ug/kg	
75-09-2	Methylene chloride	ND	6.5	0.29	ug/kg	
100-42-5	Styrene	ND	6.5	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.5	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	6.5	0.19	ug/kg	
108-88-3	Toluene	ND	1.3	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.5	0.77	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	0.45	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.5	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.5	0.24	ug/kg	
79-01-6	Trichloroethene	ND	6.5	0.68	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.5	0.30	ug/kg	
75-01-4	Vinyl chloride	ND	6.5	0.23	ug/kg	
	m,p-Xylene	ND	2.6	0.61	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	2.6	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		67-127%
17060-07-0	1,2-Dichloroethane-D4	108%		65-132%
2037-26-5	Toluene-D8	96%		74-129%
460-00-4	4-Bromofluorobenzene	90%		62-138%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-UST-3(3.0')		
Lab Sample ID:	JA62028-5	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
		Percent Solids:	85.6
Project:	525 West 52nd Street, New York, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	24.7	2.4	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA25459
(2) Prep QC Batch: MP55928

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-UST-1(1.5')		
Lab Sample ID:	JA62028-6	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	77.1
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y106069.D	1	11/24/10	AVM	n/a	n/a	VY4517
Run #2							

	Initial Weight
Run #1	4.6 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14	3.1	ug/kg	
71-43-2	Benzene	ND	1.4	0.48	ug/kg	
74-97-5	Bromochloromethane	ND	7.0	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	7.0	0.36	ug/kg	
75-25-2	Bromoform	ND	7.0	0.21	ug/kg	
74-83-9	Bromomethane	ND	7.0	0.57	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	2.8	ug/kg	
75-15-0	Carbon disulfide	0.78	7.0	0.43	ug/kg	J
56-23-5	Carbon tetrachloride	ND	7.0	0.78	ug/kg	
108-90-7	Chlorobenzene	ND	7.0	0.48	ug/kg	
75-00-3	Chloroethane	ND	7.0	1.4	ug/kg	
67-66-3	Chloroform	ND	7.0	0.45	ug/kg	
74-87-3	Chloromethane	ND	7.0	0.23	ug/kg	
110-82-7	Cyclohexane	ND	7.0	0.21	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	14	0.76	ug/kg	
124-48-1	Dibromochloromethane	ND	7.0	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.19	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.0	0.38	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.0	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.0	0.48	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.0	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.0	0.93	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.0	0.34	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.0	0.63	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.0	0.18	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.0	0.19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.0	0.14	ug/kg	
123-91-1	1,4-Dioxane	ND	180	120	ug/kg	
100-41-4	Ethylbenzene	0.61	1.4	0.52	ug/kg	J
76-13-1	Freon 113	ND	7.0	0.79	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-UST-1(1.5')		
Lab Sample ID:	JA62028-6	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	77.1
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	7.0	1.4	ug/kg	
98-82-8	Isopropylbenzene	ND	7.0	0.73	ug/kg	
79-20-9	Methyl Acetate	ND	7.0	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	7.0	0.92	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.0	1.1	ug/kg	
75-09-2	Methylene chloride	ND	7.0	0.31	ug/kg	
100-42-5	Styrene	ND	7.0	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.0	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	7.0	0.20	ug/kg	
108-88-3	Toluene	2.7	1.4	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	0.83	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	0.49	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.0	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.0	0.26	ug/kg	
79-01-6	Trichloroethene	ND	7.0	0.74	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.0	0.32	ug/kg	
75-01-4	Vinyl chloride	ND	7.0	0.25	ug/kg	
	m,p-Xylene	2.4	2.8	0.66	ug/kg	J
95-47-6	o-Xylene	0.97	1.4	0.66	ug/kg	J
1330-20-7	Xylene (total)	3.4	2.8	0.66	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		67-127%
17060-07-0	1,2-Dichloroethane-D4	115%		65-132%
2037-26-5	Toluene-D8	94%		74-129%
460-00-4	4-Bromofluorobenzene	87%		62-138%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-UST-1(1.5')		
Lab Sample ID:	JA62028-6	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
		Percent Solids:	77.1
Project:	525 West 52nd Street, New York, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	18.7	2.5	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA25459
(2) Prep QC Batch: MP55928

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-FD-2(2.5')		
Lab Sample ID:	JA62028-7	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	81.6
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y106067.D	1	11/24/10	AVM	n/a	n/a	VY4517
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	2.9	ug/kg	
71-43-2	Benzene	ND	1.3	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	6.5	0.29	ug/kg	
75-27-4	Bromodichloromethane	ND	6.5	0.34	ug/kg	
75-25-2	Bromoform	ND	6.5	0.20	ug/kg	
74-83-9	Bromomethane	ND	6.5	0.53	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	6.5	0.40	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.5	0.72	ug/kg	
108-90-7	Chlorobenzene	ND	6.5	0.44	ug/kg	
75-00-3	Chloroethane	ND	6.5	1.3	ug/kg	
67-66-3	Chloroform	ND	6.5	0.41	ug/kg	
74-87-3	Chloromethane	ND	6.5	0.22	ug/kg	
110-82-7	Cyclohexane	ND	6.5	0.20	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.71	ug/kg	
124-48-1	Dibromochloromethane	ND	6.5	0.14	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.5	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.5	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.5	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.5	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.5	0.18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.5	0.86	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.5	0.31	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.5	0.59	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.5	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.5	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.5	0.13	ug/kg	
123-91-1	1,4-Dioxane	ND	160	110	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.48	ug/kg	
76-13-1	Freon 113	ND	6.5	0.73	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-FD-2(2.5')		
Lab Sample ID:	JA62028-7	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	81.6
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.5	1.3	ug/kg	
98-82-8	Isopropylbenzene	ND	6.5	0.68	ug/kg	
79-20-9	Methyl Acetate	ND	6.5	1.1	ug/kg	
108-87-2	Methylcyclohexane	ND	6.5	0.85	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.5	1.1	ug/kg	
75-09-2	Methylene chloride	ND	6.5	0.29	ug/kg	
100-42-5	Styrene	ND	6.5	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.5	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	6.5	0.19	ug/kg	
108-88-3	Toluene	ND	1.3	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.5	0.77	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	0.45	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.5	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.5	0.24	ug/kg	
79-01-6	Trichloroethene	ND	6.5	0.69	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.5	0.30	ug/kg	
75-01-4	Vinyl chloride	ND	6.5	0.23	ug/kg	
	m,p-Xylene	ND	2.6	0.61	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	2.6	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	122%		67-127%
17060-07-0	1,2-Dichloroethane-D4	115%		65-132%
2037-26-5	Toluene-D8	95%		74-129%
460-00-4	4-Bromofluorobenzene	101%		62-138%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: FLS-FD-2(2.5')
Lab Sample ID: JA62028-7
Matrix: SO - Soil
Project: 525 West 52nd Street, New York, NY

Date Sampled: 11/18/10
Date Received: 11/18/10
Percent Solids: 81.6

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2990	25	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Antimony	< 2.5	2.5	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Arsenic	7.9	2.5	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Barium	139	25	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Beryllium	0.37	0.25	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Cadmium	< 0.61	0.61	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Calcium	4310	610	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Chromium	11.2	1.2	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Cobalt	< 6.1	6.1	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Copper	40.0	3.1	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Iron	9640	12	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Lead	97.4	2.5	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Magnesium	1730	610	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Manganese	32.6	1.8	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Mercury	0.15	0.040	mg/kg	1	12/01/10	12/02/10	VK	SW846 7471A [1]	SW846 7471A [4]
Nickel	11.8	4.9	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Potassium	< 1200	1200	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Selenium	< 2.5	2.5	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Silver	< 0.61	0.61	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Sodium	< 1200	1200	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Thallium	< 1.2	1.2	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Vanadium	15.0	6.1	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Zinc	74.1	2.5	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA25449
(2) Instrument QC Batch: MA25459
(3) Prep QC Batch: MP55928
(4) Prep QC Batch: MP55941

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-FD-1(2.0')		
Lab Sample ID:	JA62028-8	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	85.4
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y106070.D	1	11/24/10	AVM	n/a	n/a	VY4517
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	8.4	12	2.8	ug/kg	J
71-43-2	Benzene	ND	1.2	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.32	ug/kg	
75-25-2	Bromoform	ND	6.2	0.19	ug/kg	
74-83-9	Bromomethane	ND	6.2	0.50	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.5	ug/kg	
75-15-0	Carbon disulfide	1.6	6.2	0.38	ug/kg	J
56-23-5	Carbon tetrachloride	ND	6.2	0.69	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.42	ug/kg	
75-00-3	Chloroethane	ND	6.2	1.2	ug/kg	
67-66-3	Chloroform	ND	6.2	0.40	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.21	ug/kg	
110-82-7	Cyclohexane	ND	6.2	0.19	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.67	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.14	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.42	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.82	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.56	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.16	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.12	ug/kg	
123-91-1	1,4-Dioxane	ND	160	110	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.46	ug/kg	
76-13-1	Freon 113	ND	6.2	0.70	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-FD-1(2.0')		
Lab Sample ID:	JA62028-8	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	85.4
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.2	1.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.65	ug/kg	
79-20-9	Methyl Acetate	ND	6.2	1.0	ug/kg	
108-87-2	Methylcyclohexane	ND	6.2	0.81	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	1.0	ug/kg	
75-09-2	Methylene chloride	ND	6.2	0.28	ug/kg	
100-42-5	Styrene	ND	6.2	0.13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.36	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.18	ug/kg	
108-88-3	Toluene	1.0	1.2	0.36	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.73	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.43	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.23	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.66	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	0.29	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.22	ug/kg	
	m,p-Xylene	ND	2.5	0.58	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	2.5	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		67-127%
17060-07-0	1,2-Dichloroethane-D4	112%		65-132%
2037-26-5	Toluene-D8	97%		74-129%
460-00-4	4-Bromofluorobenzene	87%		62-138%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: FLS-FD-1(2.0')
Lab Sample ID: JA62028-8
Matrix: SO - Soil
Project: 525 West 52nd Street, New York, NY

Date Sampled: 11/18/10
Date Received: 11/18/10
Percent Solids: 85.4

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1840	23	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Antimony	< 2.3	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Arsenic	< 2.3	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Barium	< 23	23	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Beryllium	0.39	0.23	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Cadmium	< 0.57	0.57	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Calcium	1740	570	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Chromium	3.9	1.1	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Cobalt	< 5.7	5.7	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Copper	< 2.9	2.9	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Iron	2660	11	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Lead	13.7	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Magnesium	791	570	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Manganese	93.8	1.7	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Mercury	0.054	0.038	mg/kg	1	12/01/10	12/02/10	VK	SW846 7471A [1]	SW846 7471A [4]
Nickel	< 4.6	4.6	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Potassium	< 1100	1100	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Selenium	< 2.3	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Silver	< 0.57	0.57	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Vanadium	< 5.7	5.7	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Zinc	15.2	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA25449
(2) Instrument QC Batch: MA25459
(3) Prep QC Batch: MP55928
(4) Prep QC Batch: MP55941

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	DLS-FD-3(2.0')		
Lab Sample ID:	JA62028-9	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	88.5
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y106068.D	1	11/24/10	AVM	n/a	n/a	VY4517
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	0.26	ug/kg	
75-27-4	Bromodichloromethane	ND	6.0	0.31	ug/kg	
75-25-2	Bromoform	ND	6.0	0.18	ug/kg	
74-83-9	Bromomethane	ND	6.0	0.49	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.4	ug/kg	
75-15-0	Carbon disulfide	1.3	6.0	0.37	ug/kg	J
56-23-5	Carbon tetrachloride	ND	6.0	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	0.41	ug/kg	
75-00-3	Chloroethane	ND	6.0	1.2	ug/kg	
67-66-3	Chloroform	ND	6.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	6.0	0.20	ug/kg	
110-82-7	Cyclohexane	ND	6.0	0.18	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.65	ug/kg	
124-48-1	Dibromochloromethane	ND	6.0	0.13	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.0	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.0	0.33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.0	0.41	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	0.17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.41	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.0	0.80	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.0	0.29	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.0	0.54	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.0	0.16	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	0.12	ug/kg	
123-91-1	1,4-Dioxane	ND	150	100	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.45	ug/kg	
76-13-1	Freon 113	ND	6.0	0.68	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DLS-FD-3(2.0')		
Lab Sample ID:	JA62028-9	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	88.5
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.0	1.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.0	0.62	ug/kg	
79-20-9	Methyl Acetate	ND	6.0	0.99	ug/kg	
108-87-2	Methylcyclohexane	ND	6.0	0.79	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.0	0.97	ug/kg	
75-09-2	Methylene chloride	ND	6.0	0.27	ug/kg	
100-42-5	Styrene	ND	6.0	0.13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	0.35	ug/kg	
127-18-4	Tetrachloroethene	ND	6.0	0.17	ug/kg	
108-88-3	Toluene	1.5	1.2	0.35	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	0.71	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	0.41	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.0	0.22	ug/kg	
79-01-6	Trichloroethene	ND	6.0	0.63	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	0.28	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	0.21	ug/kg	
	m,p-Xylene	ND	2.4	0.56	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.56	ug/kg	
1330-20-7	Xylene (total)	ND	2.4	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		67-127%
17060-07-0	1,2-Dichloroethane-D4	109%		65-132%
2037-26-5	Toluene-D8	95%		74-129%
460-00-4	4-Bromofluorobenzene	89%		62-138%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DLS-FD-3(2.0')		
Lab Sample ID:	JA62028-9	**Date Sampled:**	11/18/10
Matrix:	SO - Soil	**Date Received:**	11/18/10
		Percent Solids:	88.5
Project:	525 West 52nd Street, New York, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7400	23	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Antimony	< 2.3	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Arsenic	< 2.3	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Barium	97.3	23	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Beryllium	0.54	0.23	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Cadmium	< 0.56	0.56	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Calcium	21100	560	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Chromium	33.9	1.1	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Cobalt	< 5.6	5.6	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Copper	23.9	2.8	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Iron	14300	11	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Lead	75.3	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Magnesium	3970	560	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Manganese	300	1.7	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Mercury	0.42	0.036	mg/kg	1	12/01/10	12/02/10	VK	SW846 7471A [1]	SW846 7471A [4]
Nickel	18.6	4.5	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Potassium	3580	1100	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Selenium	< 2.3	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Silver	< 0.56	0.56	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Vanadium	9.5	5.6	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]
Zinc	77.2	2.3	mg/kg	1	12/01/10	12/03/10	GT	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA25449
(2) Instrument QC Batch: MA25459
(3) Prep QC Batch: MP55928
(4) Prep QC Batch: MP55941

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-STAINSOIL-GW(10.5")		
Lab Sample ID:	JA62028-10	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3A86011.D	1	11/30/10	HSS	n/a	n/a	V3A3693
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-STAINSOIL-GW(10.5")		
Lab Sample ID:	JA62028-10	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.35	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	0.32	1.0	0.24	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		76-120%
17060-07-0	1,2-Dichloroethane-D4	89%		64-135%
2037-26-5	Toluene-D8	94%		76-117%
460-00-4	4-Bromofluorobenzene	94%		72-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-STAINSOIL-GW(10.5")		
Lab Sample ID:	JA62028-10	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2M32971.D	1	11/30/10	OYA	11/20/10	OP46866	E2M1424
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	0.74	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.51	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.1	ug/l	
	3&4-Methylphenol	ND	2.0	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.2	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.83	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.80	ug/l	
108-95-2	Phenol	ND	2.0	0.58	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.81	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.2	ug/l	
83-32-9	Acenaphthene	1.9	1.0	0.37	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.27	ug/l	
98-86-2	Acetophenone	ND	2.0	0.40	ug/l	
120-12-7	Anthracene	0.82	1.0	0.16	ug/l	J
1912-24-9	Atrazine	ND	5.0	0.39	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.40	ug/l	
56-55-3	Benzo(a)anthracene	0.76	1.0	0.12	ug/l	J
50-32-8	Benzo(a)pyrene	0.63	1.0	0.095	ug/l	J
205-99-2	Benzo(b)fluoranthene	0.80	1.0	0.25	ug/l	J
191-24-2	Benzo(g,h,i)perylene	0.45	1.0	0.12	ug/l	J
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.38	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.35	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.25	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.42	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.42	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.25	ug/l	
86-74-8	Carbazole	1.8	1.0	0.17	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-STAINSOIL-GW(10.5")		
Lab Sample ID:	JA62028-10	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.20	ug/l	
218-01-9	Chrysene	0.89	1.0	0.11	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.25	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.31	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.39	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.35	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.22	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.33	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.30	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.15	ug/l	
132-64-9	Dibenzofuran	0.78	5.0	0.30	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	2.0	0.19	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.40	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.17	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.23	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.33	ug/l	
206-44-0	Fluoranthene	2.1	1.0	0.17	ug/l	
86-73-7	Fluorene	1.0	1.0	0.27	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.13	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.24	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.21	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.41	1.0	0.13	ug/l	J
78-59-1	Isophorone	ND	2.0	0.25	ug/l	
91-57-6	2-Methylnaphthalene	2.4	1.0	0.66	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.24	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.29	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.18	ug/l	
91-20-3	Naphthalene	8.8	1.0	0.43	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.44	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	3.9	1.0	0.21	ug/l	
129-00-0	Pyrene	1.7	1.0	0.16	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	42%		13-68%
4165-62-2	Phenol-d5	26%		10-49%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-STAINSOIL-GW(10.5")		
Lab Sample ID:	JA62028-10	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	93%		37-130%
4165-60-0	Nitrobenzene-d5	77%		25-112%
321-60-8	2-Fluorobiphenyl	75%		31-106%
1718-51-0	Terphenyl-d14	89%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-BOILERROOM-GW(8")		
Lab Sample ID:	JA62028-11	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3A86012.D	1	11/30/10	HSS	n/a	n/a	V3A3693
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.44	1.0	0.23	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.32	1.0	0.22	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	0.89	1.0	0.27	ug/l	J
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-BOILERROOM-GW(8")		
Lab Sample ID:	JA62028-11	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.35	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	1.7	1.0	0.27	ug/l	
108-88-3	Toluene	0.46	1.0	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	1.3	1.0	0.25	ug/l	
95-47-6	o-Xylene	0.75	1.0	0.25	ug/l	J
1330-20-7	Xylene (total)	2.0	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		76-120%
17060-07-0	1,2-Dichloroethane-D4	84%		64-135%
2037-26-5	Toluene-D8	93%		76-117%
460-00-4	4-Bromofluorobenzene	94%		72-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FLS-BOILERROOM-GW(8")		
Lab Sample ID:	JA62028-11	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2M32972.D	1	11/30/10	OYA	11/20/10	OP46866	E2M1424
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	0.74	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.51	ug/l	
95-48-7	2-Methylphenol	2.0	2.0	1.1	ug/l	
	3&4-Methylphenol	7.5	2.0	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.2	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.83	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.80	ug/l	
108-95-2	Phenol	2.9	2.0	0.58	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.81	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.2	ug/l	
83-32-9	Acenaphthene	12.1	1.0	0.37	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.27	ug/l	
98-86-2	Acetophenone	ND	2.0	0.40	ug/l	
120-12-7	Anthracene	5.5	1.0	0.16	ug/l	
1912-24-9	Atrazine	ND	5.0	0.39	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.40	ug/l	
56-55-3	Benzo(a)anthracene	5.1	1.0	0.12	ug/l	
50-32-8	Benzo(a)pyrene	5.5	1.0	0.095	ug/l	
205-99-2	Benzo(b)fluoranthene	4.6	1.0	0.25	ug/l	
191-24-2	Benzo(g,h,i)perylene	3.7	1.0	0.12	ug/l	
207-08-9	Benzo(k)fluoranthene	3.5	1.0	0.38	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.35	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.25	ug/l	
92-52-4	1,1'-Biphenyl	3.1	1.0	0.42	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.42	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.25	ug/l	
86-74-8	Carbazole	5.4	1.0	0.17	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-BOILERROOM-GW(8")		
Lab Sample ID:	JA62028-11	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.20	ug/l	
218-01-9	Chrysene	5.7	1.0	0.11	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.25	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.31	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.39	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.35	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.22	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.33	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.30	ug/l	
53-70-3	Dibenzo(a,h)anthracene	1.3	1.0	0.15	ug/l	
132-64-9	Dibenzofuran	3.1	5.0	0.30	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	2.0	0.19	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.40	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.17	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.23	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.33	ug/l	
206-44-0	Fluoranthene	11.3	1.0	0.17	ug/l	
86-73-7	Fluorene	5.7	1.0	0.27	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.13	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.24	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.21	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	3.9	1.0	0.13	ug/l	
78-59-1	Isophorone	ND	2.0	0.25	ug/l	
91-57-6	2-Methylnaphthalene	35.4	1.0	0.66	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.24	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.29	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.18	ug/l	
91-20-3	Naphthalene	95.0	1.0	0.43	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.44	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	21.2	1.0	0.21	ug/l	
129-00-0	Pyrene	10.4	1.0	0.16	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		13-68%
4165-62-2	Phenol-d5	25%		10-49%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FLS-BOILERROOM-GW(8")		
Lab Sample ID:	JA62028-11	**Date Sampled:**	11/18/10
Matrix:	AQ - Ground Water	**Date Received:**	11/18/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	525 West 52nd Street, New York, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	92%		37-130%
4165-60-0	Nitrobenzene-d5	76%		25-112%
321-60-8	2-Fluorobiphenyl	75%		31-106%
1718-51-0	Terphenyl-d14	92%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

ACCUTEST Laboratories

50 N

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # 868136726 | Bottle Order Control #
Accutest Quote # | Accutest Job # JA62028

Client / Reporting Information

Company Name: Fleming Lee Shue
Street Address: 158 West 29th St
City: NY State: NY Zip:
Project Contact: Andrew Huang E-mail: Andrew@flemingleeshue.com
Phone #: 212-675-3225(321) Fax #:
Sampler(s) Name(s): Andrew Huang Phone #:

Project Information

Project Name: 525 West 52nd st, NY
Street: 525 W 52nd st
City: New York State: NY
Project #: 10073
Client Purchase Order #:
Project Manager: Mohammed Attaie

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	5 VOC	VOC	PB	LAB USE ONLY
1	FLS-Bidermoon (3.0')		11/18/2010	1005	AH	S	1									X			VTC431
	FLS-Bidermoon (3.0')			1005	AH	S	2										X		ME25,
2	FLS-stain soil (3.0)			1131	AH	S	1									X			1925
	FLS-stain soil (3.0')			1131	AH	S	2										X		0165
3	FLS-UST-2 (3.5')			1156	AH	S	1											X	EX20,
	↓			↓		S	2										X		AMET2,
4	FLS-UST-4 (2.0')			1138		S	1											X	2150
	↓			↓		S	2										X		
5	FLS-UST-3 (3.0')			1123		S	1											X	
	↓			↓		S	2										X		
6	FLS-UST-1 (1.5')			1116		S	1											X	
	↓			↓		S	2										X		

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Turnaround Time (Business days)

- ☐ Std. 15 Business Days
- ☐ Std. 10 Business Days (by Contract only)
- ☐ 10 Day *RUSH*
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ NJ Reduced
- ☐ Commercial "C"
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format
- ☐ Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Andrew Huang	11/18/2010 1605	1	2	11/18/10 2050	2
3			3	4		4
5			5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable: On Ice: 4 Cooler Temp: 2.6°C

/A

JA62028: Chain of Custody
Page 1 of 2

ACCUTEST Laboratories

CHAIN OF CUSTODY

PAGE 2 OF 2

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # | Bottle Order Control #

Accutest Quote # | Accutest Job # JA62028

Client / Reporting Information

Company Name

Street Address: Same

City | State | Zip

Project Contact | E-mail

Phone # | Fax #

Sampler(s) Name(s) | Phone #

page 1

Project Information

Project Name:

Street

City | State

Project #

Client Purchase Order #

Project Manager

Billing Information (If different from Report to)

Company Name

Street Address

City | State | Zip

Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Metals	VOC	SVOC	PB	LAB USE ONLY
7	FLS-FD-2(2.5')		11/18/20	1042	AH	S	1									X				
						S	2										X			
8	FLS-FD-1(2.0')			1015		S	1									X				
						S	2										X			
9	FLS-FD-3(2.0')			1012		S	1									X				
				1112		S	2										X			
	FLS-Stain soil-GW(10.5')			1453		GW	1											X		
10							1			X									X	
							3			X							X			
	FLS-Bidco Room-GW(8')			1513			1											X		
11							1			X									X	
							3			X							X			

Turnaround Time (Business days)

- Std. 15 Business Days
- Std. 10 Business Days (by Contract only)
- 10 Day *RUSH*
- 5 Day *RUSH*
- 3 Day *EMERGENCY*
- 2 Day *EMERGENCY*
- 1 Day *EMERGENCY*

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- Commercial "A" (Level 1)
- Commercial "B" (Level 2)
- FULLT1 (Level 3+4)
- NJ Reduced
- Commercial "C"
- NYASP Category A
- NYASP Category B
- State Forms
- EDD Format
- Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

cancel PB on GW samples per Andrew Hwang 11/19/20

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Andrew H	11/18/20 1605	1 S 7299	1 S 7299	11/18/20 2030	2
3			3	4		4
5			5	Custody Seal #	Intact / Not intact	Preserved where applicable	On Ice	Cooler Temp.

JA62028: Chain of Custody
Page 2 of 2

Internal Sample Tracking Chronicle

Fleming-Lee Shue, Inc.

Job No: JA62028

525 West 52nd Street, New York, NY
Project No: 10073

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JA62028-1 Collected: 18-NOV-10 10:05 By: AH Received: 18-NOV-10 By: MPC FLS-BOILERROOM(3.0')						
JA62028-1	SW846 8260B	23-NOV-10 21:09	AVM			V8260TCL11
JA62028-1	SW846 8260B	25-NOV-10 00:27	AVM			V8260TCL11
JA62028-1	SW846 8270C	30-NOV-10 08:18	LP	20-NOV-10	EA	AB8270TCL11
JA62028-1	SM18 2540G	01-DEC-10	JS			%SOL
JA62028-1	SW846 8270C	02-DEC-10 12:07	NAP	20-NOV-10	EA	AB8270TCL11
JA62028-2 Collected: 18-NOV-10 11:31 By: AH Received: 18-NOV-10 By: MPC FLS-STAINSOIL(3.0')						
JA62028-2	SW846 8260B	24-NOV-10 21:01	AVM			V8260TCL11
JA62028-2	SW846 8270C	30-NOV-10 21:51	NAP	20-NOV-10	EA	AB8270TCL11
JA62028-2	SM18 2540G	01-DEC-10	JS			%SOL
JA62028-2	SW846 8270C	02-DEC-10 11:42	NAP	20-NOV-10	EA	AB8270TCL11
JA62028-3 Collected: 18-NOV-10 11:56 By: AH Received: 18-NOV-10 By: MPC FLS-UST-2(3.5')						
JA62028-3	SW846 8260B	24-NOV-10 21:31	AVM			V8260TCL11
JA62028-3	SW846 8260B	30-NOV-10 21:37	AVM			V8260TCL11
JA62028-3	SM18 2540G	01-DEC-10	JS			%SOL
JA62028-3	SW846 6010B	03-DEC-10 05:23	GT	01-DEC-10	RP	PB
JA62028-4 Collected: 18-NOV-10 11:38 By: AH Received: 18-NOV-10 By: MPC FLS-UST-4(2.0')						
JA62028-4	SW846 8260B	24-NOV-10 18:05	AVM			V8260TCL11
JA62028-4	SM18 2540G	01-DEC-10	JS			%SOL
JA62028-4	SW846 6010B	03-DEC-10 05:29	GT	01-DEC-10	RP	PB
JA62028-5 Collected: 18-NOV-10 11:23 By: AH Received: 18-NOV-10 By: MPC FLS-UST-3(3.0')						
JA62028-5	SW846 8260B	24-NOV-10 18:35	AVM			V8260TCL11
JA62028-5	SM18 2540G	01-DEC-10	JS			%SOL
JA62028-5	SW846 6010B	03-DEC-10 05:35	GT	01-DEC-10	RP	PB

Internal Sample Tracking Chronicle

Fleming-Lee Shue, Inc.

Job No: JA62028

525 West 52nd Street, New York, NY
Project No: 10073

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JA62028-6	Collected: 18-NOV-10 11:16 By: AH			Received: 18-NOV-10 By: MPC		
FLS-UST-1(1.5')						
JA62028-6	SW846 8260B	24-NOV-10 20:03	AVM			V8260TCL11
JA62028-6	SM18 2540G	01-DEC-10	JS			%SOL
JA62028-6	SW846 6010B	03-DEC-10 05:41	GT	01-DEC-10	RP	PB
JA62028-7	Collected: 18-NOV-10 10:42 By: AH			Received: 18-NOV-10 By: MPC		
FLS-FD-2(2.5')						
JA62028-7	SW846 8260B	24-NOV-10 19:04	AVM			V8260TCL11
JA62028-7	SM18 2540G	01-DEC-10	JS			%SOL
JA62028-7	SW846 7471A	02-DEC-10 10:47	VK	01-DEC-10	VK	HG
JA62028-7	SW846 6010B	03-DEC-10 05:47	GT	01-DEC-10	RP	AG,AL,AS,BA,BE,CA,CD,CO,CR, CU,FE,K,MG,MN,NA,NI,PB,SB, SE,TL,V,ZN
JA62028-8	Collected: 18-NOV-10 10:15 By: AH			Received: 18-NOV-10 By: MPC		
FLS-FD-1(2.0')						
JA62028-8	SW846 8260B	24-NOV-10 20:32	AVM			V8260TCL11
JA62028-8	SM18 2540G	01-DEC-10	JS			%SOL
JA62028-8	SW846 7471A	02-DEC-10 10:51	VK	01-DEC-10	VK	HG
JA62028-8	SW846 6010B	03-DEC-10 06:05	GT	01-DEC-10	RP	AG,AL,AS,BA,BE,CA,CD,CO,CR, CU,FE,K,MG,MN,NA,NI,PB,SB, SE,TL,V,ZN
JA62028-9	Collected: 18-NOV-10 11:12 By: AH			Received: 18-NOV-10 By: MPC		
DLS-FD-3(2.0')						
JA62028-9	SW846 8260B	24-NOV-10 19:33	AVM			V8260TCL11
JA62028-9	SM18 2540G	01-DEC-10	JS			%SOL
JA62028-9	SW846 7471A	02-DEC-10 10:52	VK	01-DEC-10	VK	HG
JA62028-9	SW846 6010B	03-DEC-10 06:11	GT	01-DEC-10	RP	AG,AL,AS,BA,BE,CA,CD,CO,CR, CU,FE,K,MG,MN,NA,NI,PB,SB, SE,TL,V,ZN

Internal Sample Tracking Chronicle

Fleming-Lee Shue, Inc.

Job No: JA62028

525 West 52nd Street, New York, NY
Project No: 10073

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JA62028-10 Collected: 18-NOV-10 14:53 By: AH Received: 18-NOV-10 By: MPC FLS-STAINSOIL-GW(10.5")						
JA62028-10	SW846 8260B	30-NOV-10 18:07	HSS			V8260TCL11
JA62028-10	SW846 8270C	30-NOV-10 21:07	OYA	20-NOV-10	JMP	AB8270TCL11
JA62028-11 Collected: 18-NOV-10 15:13 By: AH Received: 18-NOV-10 By: MPC FLS-BOILERROOM-GW(8")						
JA62028-11	SW846 8260B	30-NOV-10 18:36	HSS			V8260TCL11
JA62028-11	SW846 8270C	30-NOV-10 21:38	OYA	20-NOV-10	JMP	AB8270TCL11

Accutest Internal Chain of Custody

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY
Received: 11/18/10

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA62028-1.1	Secured Storage	Adam Scott	11/20/10 06:48	Retrieve from Storage
JA62028-1.1	Adam Scott	Edgardo Arrazola	11/20/10 08:07	Custody Transfer
JA62028-1.1	Edgardo Arrazola	Secured Storage	11/20/10 17:22	Return to Storage
JA62028-1.1.1	Edgardo Arrazola	Organics Prep	11/20/10 08:09	Extract from JA62028-1.1
JA62028-1.1.1	Organics Prep	Edgardo Arrazola	11/20/10 17:22	Extract from JA62028-1.1
JA62028-1.1.1	Edgardo Arrazola	Extract Storage	11/20/10 17:22	Return to Storage
JA62028-1.1.1	Extract Storage	Larisa Pejdah	11/29/10 23:36	Retrieve from Storage
JA62028-1.1.1	Larisa Pejdah	GCMSF	11/29/10 23:36	Load on Instrument
JA62028-1.1.1	GCMSF	Nina Pandya	12/01/10 11:45	Unload from Instrument
JA62028-1.1.1	Nina Pandya	Extract Freezer	12/01/10 11:45	Return to Storage
JA62028-1.2	Secured Storage	Alexander Vincent Mazella	11/23/10 11:01	Retrieve from Storage
JA62028-1.2	Alexander Vincent Mazella	Secured Storage	11/23/10 18:07	Return to Storage
JA62028-1.2	Secured Storage	Alexander Vincent Mazella	11/24/10 08:48	Retrieve from Storage
JA62028-1.2	Alexander Vincent Mazella	Secured Storage	11/24/10 18:03	Return to Storage
JA62028-1.3	Secured Storage	John Thomas	11/30/10 14:42	Retrieve from Storage
JA62028-1.3	John Thomas	Secured Storage	11/30/10 15:42	Return to Storage
JA62028-1.3	Secured Storage	Zethan Reyes	12/01/10 08:41	Retrieve from Storage
JA62028-1.3	Zethan Reyes	Jay Sen	12/01/10 15:17	Custody Transfer
JA62028-1.3	Jay Sen	Secured Storage	12/01/10 19:23	Return to Storage
JA62028-2.1	Secured Storage	Adam Scott	11/20/10 06:48	Retrieve from Storage
JA62028-2.1	Adam Scott	Edgardo Arrazola	11/20/10 08:07	Custody Transfer
JA62028-2.1	Edgardo Arrazola	Secured Storage	11/20/10 17:22	Return to Storage
JA62028-2.1.1	Edgardo Arrazola	Organics Prep	11/20/10 08:09	Extract from JA62028-2.1
JA62028-2.1.1	Organics Prep	Edgardo Arrazola	11/20/10 17:22	Extract from JA62028-2.1
JA62028-2.1.1	Edgardo Arrazola	Extract Storage	11/20/10 17:22	Return to Storage
JA62028-2.1.1	Extract Storage	Larisa Pejdah	11/29/10 23:36	Retrieve from Storage
JA62028-2.1.1	Larisa Pejdah	GCMSF	11/29/10 23:36	Load on Instrument
JA62028-2.1.1	GCMSF	Nina Pandya	12/01/10 11:45	Unload from Instrument
JA62028-2.1.1	Nina Pandya	Extract Freezer	12/01/10 11:45	Return to Storage
JA62028-2.2	Secured Storage	Alexander Vincent Mazella	11/23/10 11:01	Retrieve from Storage
JA62028-2.2	Alexander Vincent Mazella	Secured Storage	11/23/10 18:07	Return to Storage
JA62028-2.2	Secured Storage	Alexander Vincent Mazella	11/24/10 08:48	Retrieve from Storage
JA62028-2.2	Alexander Vincent Mazella	Secured Storage	11/24/10 18:03	Return to Storage
JA62028-2.3	Secured Storage	John Thomas	11/30/10 14:42	Retrieve from Storage
JA62028-2.3	John Thomas	Secured Storage	11/30/10 15:42	Return to Storage
JA62028-2.3	Secured Storage	Zethan Reyes	12/01/10 08:41	Retrieve from Storage
JA62028-2.3	Zethan Reyes	Jay Sen	12/01/10 15:17	Custody Transfer

Accutest Internal Chain of Custody

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY
Received: 11/18/10

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA62028-2.3	Jay Sen	Secured Storage	12/01/10 19:23	Return to Storage
JA62028-3.1	Secured Storage	Todd Shoemaker	12/01/10 08:22	Retrieve from Storage
JA62028-3.1	Todd Shoemaker	Rinku Patel	12/01/10 08:26	Custody Transfer
JA62028-3.1	Rinku Patel	Secured Storage	12/01/10 15:39	Return to Storage
JA62028-3.1.1	Rinku Patel	Metals Digestion	12/01/10 13:07	Digestate from JA62028-3.1
JA62028-3.1.1	Metals Digestion	Rinku Patel	12/01/10 13:09	Digestate from JA62028-3.1
JA62028-3.1.1	Rinku Patel	Metals Digestate Storage	12/01/10 13:10	Return to Storage
JA62028-3.1.1	Metals Digestate Storage	Gulcag Temizau	12/01/10 16:38	Retrieve from Storage
JA62028-3.1.1	Gulcag Temizau	Metals Digestate Storage	12/01/10 16:41	Return to Storage
JA62028-3.2	Secured Storage	Alexander Vincent Mazella	11/23/10 11:01	Retrieve from Storage
JA62028-3.2	Alexander Vincent Mazella	Secured Storage	11/23/10 18:07	Return to Storage
JA62028-3.2	Secured Storage	Alexander Vincent Mazella	11/24/10 08:48	Retrieve from Storage
JA62028-3.2	Alexander Vincent Mazella	Secured Storage	11/24/10 18:03	Return to Storage
JA62028-3.2	Secured Storage	Alexander Vincent Mazella	11/30/10 13:32	Retrieve from Storage
JA62028-3.2	Alexander Vincent Mazella	Secured Storage	11/30/10 16:34	Return to Storage
JA62028-3.3	Secured Storage	John Thomas	11/30/10 14:42	Retrieve from Storage
JA62028-3.3	John Thomas	Secured Storage	11/30/10 15:42	Return to Storage
JA62028-3.3	Secured Storage	Zethan Reyes	12/01/10 08:41	Retrieve from Storage
JA62028-3.3	Zethan Reyes	Jay Sen	12/01/10 15:17	Custody Transfer
JA62028-3.3	Jay Sen	Secured Storage	12/01/10 19:23	Return to Storage
JA62028-4.1	Secured Storage	Todd Shoemaker	12/01/10 08:22	Retrieve from Storage
JA62028-4.1	Todd Shoemaker	Rinku Patel	12/01/10 08:26	Custody Transfer
JA62028-4.1	Rinku Patel	Secured Storage	12/01/10 15:39	Return to Storage
JA62028-4.1.1	Rinku Patel	Metals Digestion	12/01/10 13:07	Digestate from JA62028-4.1
JA62028-4.1.1	Metals Digestion	Rinku Patel	12/01/10 13:09	Digestate from JA62028-4.1
JA62028-4.1.1	Rinku Patel	Metals Digestate Storage	12/01/10 13:10	Return to Storage
JA62028-4.1.1	Metals Digestate Storage	Gulcag Temizau	12/01/10 16:38	Retrieve from Storage
JA62028-4.1.1	Gulcag Temizau	Metals Digestate Storage	12/01/10 16:41	Return to Storage
JA62028-4.2	Secured Storage	Alexander Vincent Mazella	11/23/10 11:01	Retrieve from Storage
JA62028-4.2	Alexander Vincent Mazella	Secured Storage	11/23/10 18:07	Return to Storage
JA62028-4.2	Secured Storage	Alexander Vincent Mazella	11/24/10 08:48	Retrieve from Storage
JA62028-4.2	Alexander Vincent Mazella	Secured Storage	11/24/10 18:03	Return to Storage
JA62028-4.3	Secured Storage	John Thomas	11/30/10 14:42	Retrieve from Storage
JA62028-4.3	John Thomas	Secured Storage	11/30/10 15:42	Return to Storage
JA62028-4.3	Secured Storage	Zethan Reyes	12/01/10 08:41	Retrieve from Storage
JA62028-4.3	Zethan Reyes	Jay Sen	12/01/10 15:17	Custody Transfer

Accutest Internal Chain of Custody

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY
Received: 11/18/10

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA62028-4.3	Jay Sen	Secured Storage	12/01/10 19:23	Return to Storage
JA62028-5.1	Secured Storage	Todd Shoemaker	12/01/10 08:22	Retrieve from Storage
JA62028-5.1	Todd Shoemaker	Rinku Patel	12/01/10 08:26	Custody Transfer
JA62028-5.1	Rinku Patel	Secured Storage	12/01/10 15:39	Return to Storage
JA62028-5.1.1	Rinku Patel	Metals Digestion	12/01/10 13:07	Digestate from JA62028-5.1
JA62028-5.1.1	Metals Digestion	Rinku Patel	12/01/10 13:09	Digestate from JA62028-5.1
JA62028-5.1.1	Rinku Patel	Metals Digestate Storage	12/01/10 13:10	Return to Storage
JA62028-5.1.1	Metals Digestate Storage	Gulcag Temizau	12/01/10 16:38	Retrieve from Storage
JA62028-5.1.1	Gulcag Temizau	Metals Digestate Storage	12/01/10 16:41	Return to Storage
JA62028-5.2	Secured Storage	Alexander Vincent Mazella	11/23/10 11:01	Retrieve from Storage
JA62028-5.2	Alexander Vincent Mazella	Secured Storage	11/23/10 18:07	Return to Storage
JA62028-5.2	Secured Storage	Alexander Vincent Mazella	11/24/10 08:48	Retrieve from Storage
JA62028-5.2	Alexander Vincent Mazella	Secured Storage	11/24/10 18:03	Return to Storage
JA62028-5.3	Secured Storage	John Thomas	11/30/10 14:42	Retrieve from Storage
JA62028-5.3	John Thomas	Secured Storage	11/30/10 15:42	Return to Storage
JA62028-5.3	Secured Storage	Zethan Reyes	12/01/10 08:41	Retrieve from Storage
JA62028-5.3	Zethan Reyes	Jay Sen	12/01/10 15:17	Custody Transfer
JA62028-5.3	Jay Sen	Secured Storage	12/01/10 19:23	Return to Storage
JA62028-6.1	Secured Storage	Todd Shoemaker	12/01/10 08:22	Retrieve from Storage
JA62028-6.1	Todd Shoemaker	Rinku Patel	12/01/10 08:26	Custody Transfer
JA62028-6.1	Rinku Patel	Secured Storage	12/01/10 15:39	Return to Storage
JA62028-6.1.1	Rinku Patel	Metals Digestion	12/01/10 13:07	Digestate from JA62028-6.1
JA62028-6.1.1	Metals Digestion	Rinku Patel	12/01/10 13:09	Digestate from JA62028-6.1
JA62028-6.1.1	Rinku Patel	Metals Digestate Storage	12/01/10 13:10	Return to Storage
JA62028-6.1.1	Metals Digestate Storage	Gulcag Temizau	12/01/10 16:38	Retrieve from Storage
JA62028-6.1.1	Gulcag Temizau	Metals Digestate Storage	12/01/10 16:41	Return to Storage
JA62028-6.2	Secured Storage	Alexander Vincent Mazella	11/23/10 11:01	Retrieve from Storage
JA62028-6.2	Alexander Vincent Mazella	Secured Storage	11/23/10 18:07	Return to Storage
JA62028-6.2	Secured Storage	Alexander Vincent Mazella	11/24/10 08:48	Retrieve from Storage
JA62028-6.2	Alexander Vincent Mazella	Secured Storage	11/24/10 18:03	Return to Storage
JA62028-6.3	Secured Storage	John Thomas	11/30/10 14:42	Retrieve from Storage
JA62028-6.3	John Thomas	Secured Storage	11/30/10 15:42	Return to Storage
JA62028-6.3	Secured Storage	Zethan Reyes	12/01/10 08:41	Retrieve from Storage
JA62028-6.3	Zethan Reyes	Jay Sen	12/01/10 15:17	Custody Transfer
JA62028-6.3	Jay Sen	Secured Storage	12/01/10 19:23	Return to Storage

Accutest Internal Chain of Custody

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY
Received: 11/18/10

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA62028-7.1	Secured Storage	Todd Shoemaker	12/01/10 08:22	Retrieve from Storage
JA62028-7.1	Todd Shoemaker	Rinku Patel	12/01/10 08:26	Custody Transfer
JA62028-7.1	Rinku Patel	Secured Storage	12/01/10 15:39	Return to Storage
JA62028-7.1.1	Rinku Patel	Metals Digestion	12/01/10 13:07	Digestate from JA62028-7.1
JA62028-7.1.1	Metals Digestion	Rinku Patel	12/01/10 13:09	Digestate from JA62028-7.1
JA62028-7.1.1	Rinku Patel	Metals Digestate Storage	12/01/10 13:10	Return to Storage
JA62028-7.1.1	Metals Digestate Storage	Gulcag Temizau	12/01/10 16:38	Retrieve from Storage
JA62028-7.1.1	Gulcag Temizau	Metals Digestate Storage	12/01/10 16:41	Return to Storage
JA62028-7.1.2	Rinku Patel	Vidya Krishnan	12/01/10 15:08	Aliquot from JA62028-7.1
JA62028-7.1.2	Vidya Krishnan		12/01/10 16:17	Depleted
JA62028-7.2	Secured Storage	Alexander Vincent Mazella	11/23/10 11:01	Retrieve from Storage
JA62028-7.2	Alexander Vincent Mazella	Secured Storage	11/23/10 18:07	Return to Storage
JA62028-7.2	Secured Storage	Alexander Vincent Mazella	11/24/10 08:48	Retrieve from Storage
JA62028-7.2	Alexander Vincent Mazella	Secured Storage	11/24/10 18:03	Return to Storage
JA62028-7.3	Secured Storage	John Thomas	11/30/10 14:42	Retrieve from Storage
JA62028-7.3	John Thomas	Secured Storage	11/30/10 15:42	Return to Storage
JA62028-7.3	Secured Storage	Zethan Reyes	12/01/10 08:41	Retrieve from Storage
JA62028-7.3	Zethan Reyes	Jay Sen	12/01/10 15:17	Custody Transfer
JA62028-7.3	Jay Sen	Secured Storage	12/01/10 19:23	Return to Storage
JA62028-8.1	Secured Storage	Todd Shoemaker	12/01/10 08:22	Retrieve from Storage
JA62028-8.1	Todd Shoemaker	Rinku Patel	12/01/10 08:26	Custody Transfer
JA62028-8.1	Rinku Patel	Secured Storage	12/01/10 15:39	Return to Storage
JA62028-8.1.1	Rinku Patel	Metals Digestion	12/01/10 13:07	Digestate from JA62028-8.1
JA62028-8.1.1	Metals Digestion	Rinku Patel	12/01/10 13:09	Digestate from JA62028-8.1
JA62028-8.1.1	Rinku Patel	Metals Digestate Storage	12/01/10 13:10	Return to Storage
JA62028-8.1.1	Metals Digestate Storage	Gulcag Temizau	12/01/10 16:38	Retrieve from Storage
JA62028-8.1.1	Gulcag Temizau	Metals Digestate Storage	12/01/10 16:41	Return to Storage
JA62028-8.1.2	Rinku Patel	Vidya Krishnan	12/01/10 15:08	Aliquot from JA62028-8.1
JA62028-8.1.2	Vidya Krishnan		12/01/10 16:17	Depleted
JA62028-8.2	Secured Storage	Alexander Vincent Mazella	11/23/10 11:01	Retrieve from Storage
JA62028-8.2	Alexander Vincent Mazella	Secured Storage	11/23/10 18:07	Return to Storage
JA62028-8.2	Secured Storage	Alexander Vincent Mazella	11/24/10 08:48	Retrieve from Storage
JA62028-8.2	Alexander Vincent Mazella	Secured Storage	11/24/10 18:03	Return to Storage
JA62028-8.3	Secured Storage	John Thomas	11/30/10 14:42	Retrieve from Storage
JA62028-8.3	John Thomas	Secured Storage	11/30/10 15:42	Return to Storage

Accutest Internal Chain of Custody

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY
Received: 11/18/10

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA62028-8.3	Secured Storage	Zethan Reyes	12/01/10 08:41	Retrieve from Storage
JA62028-8.3	Zethan Reyes	Jay Sen	12/01/10 15:17	Custody Transfer
JA62028-8.3	Jay Sen	Secured Storage	12/01/10 19:23	Return to Storage
JA62028-9.1	Secured Storage	Todd Shoemaker	12/01/10 08:22	Retrieve from Storage
JA62028-9.1	Todd Shoemaker	Rinku Patel	12/01/10 08:26	Custody Transfer
JA62028-9.1	Rinku Patel	Secured Storage	12/01/10 15:39	Return to Storage
JA62028-9.1.1	Rinku Patel	Metals Digestion	12/01/10 13:07	Digestate from JA62028-9.1
JA62028-9.1.1	Metals Digestion	Rinku Patel	12/01/10 13:09	Digestate from JA62028-9.1
JA62028-9.1.1	Rinku Patel	Metals Digestate Storage	12/01/10 13:10	Return to Storage
JA62028-9.1.1	Metals Digestate Storage	Gulcag Temizau	12/01/10 16:38	Retrieve from Storage
JA62028-9.1.1	Gulcag Temizau	Metals Digestate Storage	12/01/10 16:41	Return to Storage
JA62028-9.1.2	Rinku Patel	Vidya Krishnan	12/01/10 15:08	Aliquot from JA62028-9.1
JA62028-9.1.2	Vidya Krishnan		12/01/10 16:17	Depleted
JA62028-9.2	Secured Storage	Alexander Vincent Mazella	11/23/10 11:01	Retrieve from Storage
JA62028-9.2	Alexander Vincent Mazella	Secured Storage	11/23/10 18:07	Return to Storage
JA62028-9.2	Secured Storage	Alexander Vincent Mazella	11/24/10 08:48	Retrieve from Storage
JA62028-9.2	Alexander Vincent Mazella	Secured Storage	11/24/10 18:03	Return to Storage
JA62028-9.3	Secured Storage	John Thomas	11/30/10 14:42	Retrieve from Storage
JA62028-9.3	John Thomas	Secured Storage	11/30/10 15:42	Return to Storage
JA62028-9.3	Secured Storage	Zethan Reyes	12/01/10 08:41	Retrieve from Storage
JA62028-9.3	Zethan Reyes	Jay Sen	12/01/10 15:17	Custody Transfer
JA62028-9.3	Jay Sen	Secured Storage	12/01/10 19:23	Return to Storage
JA62028-10.1	Secured Storage	Jaymin Nansukh Patel	11/20/10 08:35	Retrieve from Storage
JA62028-10.1	Jaymin Nansukh Patel		11/20/10 16:39	Depleted
JA62028-10.1.1	Jaymin Nansukh Patel	Organics Prep	11/20/10 08:35	Extract from JA62028-10.1
JA62028-10.1.1	Organics Prep	Jaymin Nansukh Patel	11/20/10 16:38	Extract from JA62028-10.1
JA62028-10.1.1	Jaymin Nansukh Patel	Extract Storage	11/20/10 16:38	Return to Storage
JA62028-10.1.1	Extract Storage	Olga Azarihn	11/30/10 16:36	Retrieve from Storage
JA62028-10.1.1	Olga Azarihn	GCMS2M	11/30/10 16:36	Load on Instrument
JA62028-10.1.1	GCMS2M	Olga Azarihn	12/01/10 09:13	Unload from Instrument
JA62028-10.1.1	Olga Azarihn	Extract Freezer	12/01/10 09:13	Return to Storage
JA62028-10.1.2	Jaymin Nansukh Patel	Organics Prep	11/20/10 08:35	Extract from JA62028-10.1
JA62028-10.1.2	Organics Prep	Jaymin Nansukh Patel	11/20/10 16:39	Extract from JA62028-10.1
JA62028-10.1.2	Jaymin Nansukh Patel	Extract Storage	11/20/10 16:39	Return to Storage
JA62028-10.3	Secured Storage	Henny Salim	11/30/10 14:16	Retrieve from Storage

Accutest Internal Chain of Custody

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY
Received: 11/18/10

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA62028-10.3	Henny Salim	GCMS3A	11/30/10 14:17	Load on Instrument
JA62028-10.3	GCMS3A	Henny Salim	12/01/10 08:51	Unload from Instrument
JA62028-10.3	Henny Salim	Secured Storage	12/01/10 08:51	Return to Storage
JA62028-10.4	Secured Storage	Henny Salim	11/24/10 14:19	Retrieve from Storage
JA62028-10.4	Henny Salim	GCMS3A	11/24/10 14:19	Load on Instrument
JA62028-10.4	GCMS3A	Henny Salim	11/29/10 09:06	Unload from Instrument
JA62028-10.4	Henny Salim	Secured Storage	11/29/10 09:06	Return to Storage
JA62028-11.1	Secured Storage	Jaymin Nansukh Patel	11/20/10 08:35	Retrieve from Storage
JA62028-11.1	Jaymin Nansukh Patel		11/20/10 16:39	Depleted
JA62028-11.1.1	Jaymin Nansukh Patel	Organics Prep	11/20/10 08:35	Extract from JA62028-11.1
JA62028-11.1.1	Organics Prep	Jaymin Nansukh Patel	11/20/10 16:38	Extract from JA62028-11.1
JA62028-11.1.1	Jaymin Nansukh Patel	Extract Storage	11/20/10 16:38	Return to Storage
JA62028-11.1.1	Extract Storage	Olga Azarihn	11/30/10 16:36	Retrieve from Storage
JA62028-11.1.1	Olga Azarihn	GCMS2M	11/30/10 16:36	Load on Instrument
JA62028-11.1.1	GCMS2M	Olga Azarihn	12/01/10 09:13	Unload from Instrument
JA62028-11.1.1	Olga Azarihn	Extract Freezer	12/01/10 09:13	Return to Storage
JA62028-11.1.2	Jaymin Nansukh Patel	Organics Prep	11/20/10 08:35	Extract from JA62028-11.1
JA62028-11.1.2	Organics Prep	Jaymin Nansukh Patel	11/20/10 16:39	Extract from JA62028-11.1
JA62028-11.1.2	Jaymin Nansukh Patel	Extract Storage	11/20/10 16:39	Return to Storage
JA62028-11.3	Secured Storage	Henny Salim	11/24/10 14:19	Retrieve from Storage
JA62028-11.3	Henny Salim	GCMS3A	11/24/10 14:19	Load on Instrument
JA62028-11.3	GCMS3A	Henny Salim	11/29/10 09:06	Unload from Instrument
JA62028-11.3	Henny Salim	Secured Storage	11/29/10 09:06	Return to Storage
JA62028-11.4	Secured Storage	Henny Salim	11/30/10 14:16	Retrieve from Storage
JA62028-11.4	Henny Salim	GCMS3A	11/30/10 14:17	Load on Instrument
JA62028-11.4	GCMS3A	Henny Salim	12/01/10 08:51	Unload from Instrument
JA62028-11.4	Henny Salim	Secured Storage	12/01/10 08:51	Return to Storage

New Jersey ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY4515-MB	Y106010.D	1	11/23/10	AVM	n/a	n/a	VY4515

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.2	ug/kg	
71-43-2	Benzene	ND	1.0	0.34	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.22	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.26	ug/kg	
75-25-2	Bromoform	ND	5.0	0.15	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.40	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.31	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.34	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.0	ug/kg	
67-66-3	Chloroform	ND	5.0	0.32	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.17	ug/kg	
110-82-7	Cyclohexane	ND	5.0	0.15	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	0.54	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.11	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.27	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.28	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.95	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.14	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	0.24	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	0.45	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.13	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.096	ug/kg	
123-91-1	1,4-Dioxane	ND	130	86	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.37	ug/kg	
76-13-1	Freon 113	ND	5.0	0.56	ug/kg	
591-78-6	2-Hexanone	ND	5.0	0.96	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.52	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	0.82	ug/kg	
108-87-2	Methylcyclohexane	ND	5.0	0.65	ug/kg	

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY4515-MB	Y106010.D	1	11/23/10	AVM	n/a	n/a	VY4515

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-1

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.81	ug/kg	
75-09-2	Methylene chloride	ND	5.0	0.22	ug/kg	
100-42-5	Styrene	ND	5.0	0.11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.29	ug/kg	
127-18-4	Tetrachloroethene	ND	5.0	0.15	ug/kg	
108-88-3	Toluene	ND	1.0	0.29	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.59	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.35	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.19	ug/kg	
79-01-6	Trichloroethene	ND	5.0	0.53	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.23	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	0.18	ug/kg	
	m,p-Xylene	ND	2.0	0.47	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.47	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.47	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	67-127%
17060-07-0	1,2-Dichloroethane-D4	87%	65-132%
2037-26-5	Toluene-D8	95%	74-129%
460-00-4	4-Bromofluorobenzene	92%	62-138%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY4517-MB	Y106059.D	1	11/24/10	AVM	n/a	n/a	VY4517

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-2, JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.2	ug/kg	
71-43-2	Benzene	ND	1.0	0.34	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.22	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.26	ug/kg	
75-25-2	Bromoform	ND	5.0	0.15	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.40	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.31	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.34	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.0	ug/kg	
67-66-3	Chloroform	ND	5.0	0.32	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.17	ug/kg	
110-82-7	Cyclohexane	ND	5.0	0.15	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	0.54	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.11	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.27	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.28	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.95	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.14	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	0.24	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	0.45	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.13	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.096	ug/kg	
123-91-1	1,4-Dioxane	ND	130	86	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.37	ug/kg	
76-13-1	Freon 113	ND	5.0	0.56	ug/kg	
591-78-6	2-Hexanone	ND	5.0	0.96	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.52	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	0.82	ug/kg	
108-87-2	Methylcyclohexane	ND	5.0	0.65	ug/kg	

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY4517-MB	Y106059.D	1	11/24/10	AVM	n/a	n/a	VY4517

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-2, JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.81	ug/kg	
75-09-2	Methylene chloride	ND	5.0	0.22	ug/kg	
100-42-5	Styrene	ND	5.0	0.11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.29	ug/kg	
127-18-4	Tetrachloroethene	ND	5.0	0.15	ug/kg	
108-88-3	Toluene	ND	1.0	0.29	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.59	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.35	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.19	ug/kg	
79-01-6	Trichloroethene	ND	5.0	0.53	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.23	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	0.18	ug/kg	
	m,p-Xylene	ND	2.0	0.47	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.47	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.47	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	112%	67-127%
17060-07-0	1,2-Dichloroethane-D4	103%	65-132%
2037-26-5	Toluene-D8	95%	74-129%
460-00-4	4-Bromofluorobenzene	89%	62-138%

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A3693-MB	3A85996.D	1	11/30/10	HSS	n/a	n/a	V3A3693

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-10, JA62028-11

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.35	ug/l	

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A3693-MB	3A85996.D	1	11/30/10	HSS	n/a	n/a	V3A3693

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-10, JA62028-11

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	76-120%
17060-07-0	1,2-Dichloroethane-D4	89%	64-135%
2037-26-5	Toluene-D8	105%	76-117%
460-00-4	4-Bromofluorobenzene	97%	72-122%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY4515-BS	Y106012.D	1	11/23/10	AVM	n/a	n/a	VY4515

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	49.6	99	45-168
71-43-2	Benzene	50	51.5	103	78-120
74-97-5	Bromochloromethane	50	49.5	99	76-123
75-27-4	Bromodichloromethane	50	48.3	97	76-129
75-25-2	Bromoform	50	42.4	85	70-141
74-83-9	Bromomethane	50	55.2	110	57-142
78-93-3	2-Butanone (MEK)	50	45.1	90	59-140
75-15-0	Carbon disulfide	50	56.6	113	64-140
56-23-5	Carbon tetrachloride	50	45.7	91	66-151
108-90-7	Chlorobenzene	50	48.3	97	80-117
75-00-3	Chloroethane	50	58.3	117	60-142
67-66-3	Chloroform	50	51.5	103	75-122
74-87-3	Chloromethane	50	52.1	104	56-140
110-82-7	Cyclohexane	50	50.1	100	60-138
96-12-8	1,2-Dibromo-3-chloropropane	50	43.4	87	65-136
124-48-1	Dibromochloromethane	50	44.3	89	76-136
106-93-4	1,2-Dibromoethane	50	44.4	89	81-124
95-50-1	1,2-Dichlorobenzene	50	47.4	95	77-117
541-73-1	1,3-Dichlorobenzene	50	48.7	97	77-116
106-46-7	1,4-Dichlorobenzene	50	43.3	87	76-113
75-71-8	Dichlorodifluoromethane	50	37.7	75	46-156
75-34-3	1,1-Dichloroethane	50	52.6	105	73-124
107-06-2	1,2-Dichloroethane	50	43.9	88	75-137
75-35-4	1,1-Dichloroethene	50	55.1	110	66-130
156-59-2	cis-1,2-Dichloroethene	50	57.6	115	73-121
156-60-5	trans-1,2-Dichloroethene	50	47.3	95	74-123
78-87-5	1,2-Dichloropropane	50	48.6	97	78-121
10061-01-5	cis-1,3-Dichloropropene	50	47.6	95	81-124
10061-02-6	trans-1,3-Dichloropropene	50	46.8	94	78-130
123-91-1	1,4-Dioxane	1250	1280	102	54-157
100-41-4	Ethylbenzene	50	48.4	97	81-121
76-13-1	Freon 113	50	52.7	105	56-152
591-78-6	2-Hexanone	50	43.4	87	56-147
98-82-8	Isopropylbenzene	50	50.7	101	67-136
79-20-9	Methyl Acetate	50	40.8	82	59-149
108-87-2	Methylcyclohexane	50	54.2	108	68-137

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY4515-BS	Y106012.D	1	11/23/10	AVM	n/a	n/a	VY4515

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	100	97.0	97	75-124
108-10-1	4-Methyl-2-pentanone(MIBK)	50	44.2	88	64-142
75-09-2	Methylene chloride	50	51.9	104	69-123
100-42-5	Styrene	50	45.4	91	79-127
79-34-5	1,1,2,2-Tetrachloroethane	50	45.9	92	71-123
127-18-4	Tetrachloroethene	50	47.5	95	73-134
108-88-3	Toluene	50	50.2	100	79-122
87-61-6	1,2,3-Trichlorobenzene	50	44.7	89	54-133
120-82-1	1,2,4-Trichlorobenzene	50	45.7	91	67-127
71-55-6	1,1,1-Trichloroethane	50	49.5	99	72-136
79-00-5	1,1,2-Trichloroethane	50	48.2	96	76-123
79-01-6	Trichloroethene	50	52.4	105	80-124
75-69-4	Trichlorofluoromethane	50	56.4	113	55-152
75-01-4	Vinyl chloride	50	64.1	128	59-145
	m,p-Xylene	100	95.5	96	79-121
95-47-6	o-Xylene	50	50.0	100	79-122
1330-20-7	Xylene (total)	150	145	97	80-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	67-127%
17060-07-0	1,2-Dichloroethane-D4	80%	65-132%
2037-26-5	Toluene-D8	95%	74-129%
460-00-4	4-Bromofluorobenzene	87%	62-138%

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY4517-BS	Y106061.D	1	11/24/10	AVM	n/a	n/a	VY4517

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-2, JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	69.3	139	45-168
71-43-2	Benzene	50	54.0	108	78-120
74-97-5	Bromochloromethane	50	60.5	121	76-123
75-27-4	Bromodichloromethane	50	54.1	108	76-129
75-25-2	Bromoform	50	47.4	95	70-141
74-83-9	Bromomethane	50	56.8	114	57-142
78-93-3	2-Butanone (MEK)	50	67.9	136	59-140
75-15-0	Carbon disulfide	50	60.3	121	64-140
56-23-5	Carbon tetrachloride	50	46.0	92	66-151
108-90-7	Chlorobenzene	50	48.0	96	80-117
75-00-3	Chloroethane	50	57.4	115	60-142
67-66-3	Chloroform	50	58.2	116	75-122
74-87-3	Chloromethane	50	48.7	97	56-140
110-82-7	Cyclohexane	50	53.2	106	60-138
96-12-8	1,2-Dibromo-3-chloropropane	50	48.4	97	65-136
124-48-1	Dibromochloromethane	50	46.7	93	76-136
106-93-4	1,2-Dibromoethane	50	48.4	97	81-124
95-50-1	1,2-Dichlorobenzene	50	46.6	93	77-117
541-73-1	1,3-Dichlorobenzene	50	46.6	93	77-116
106-46-7	1,4-Dichlorobenzene	50	41.9	84	76-113
75-71-8	Dichlorodifluoromethane	50	34.1	68	46-156
75-34-3	1,1-Dichloroethane	50	59.2	118	73-124
107-06-2	1,2-Dichloroethane	50	49.4	99	75-137
75-35-4	1,1-Dichloroethene	50	59.3	119	66-130
156-59-2	cis-1,2-Dichloroethene	50	66.1	132* [a]	73-121
156-60-5	trans-1,2-Dichloroethene	50	51.9	104	74-123
78-87-5	1,2-Dichloropropane	50	54.8	110	78-121
10061-01-5	cis-1,3-Dichloropropene	50	54.3	109	81-124
10061-02-6	trans-1,3-Dichloropropene	50	54.2	108	78-130
123-91-1	1,4-Dioxane	1250	1130	90	54-157
100-41-4	Ethylbenzene	50	45.7	91	81-121
76-13-1	Freon 113	50	53.9	108	56-152
591-78-6	2-Hexanone	50	61.7	123	56-147
98-82-8	Isopropylbenzene	50	45.7	91	67-136
79-20-9	Methyl Acetate	50	54.9	110	59-149
108-87-2	Methylcyclohexane	50	53.0	106	68-137

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY4517-BS	Y106061.D	1	11/24/10	AVM	n/a	n/a	VY4517

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-2, JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	100	122	122	75-124
108-10-1	4-Methyl-2-pentanone(MIBK)	50	58.8	118	64-142
75-09-2	Methylene chloride	50	60.9	122	69-123
100-42-5	Styrene	50	45.2	90	79-127
79-34-5	1,1,2,2-Tetrachloroethane	50	49.8	100	71-123
127-18-4	Tetrachloroethene	50	44.2	88	73-134
108-88-3	Toluene	50	53.4	107	79-122
87-61-6	1,2,3-Trichlorobenzene	50	47.3	95	54-133
120-82-1	1,2,4-Trichlorobenzene	50	47.2	94	67-127
71-55-6	1,1,1-Trichloroethane	50	53.2	106	72-136
79-00-5	1,1,2-Trichloroethane	50	56.8	114	76-123
79-01-6	Trichloroethene	50	53.8	108	80-124
75-69-4	Trichlorofluoromethane	50	53.9	108	55-152
75-01-4	Vinyl chloride	50	60.7	121	59-145
	m,p-Xylene	100	93.5	94	79-121
95-47-6	o-Xylene	50	49.0	98	79-122
1330-20-7	Xylene (total)	150	143	95	80-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	112%	67-127%
17060-07-0	1,2-Dichloroethane-D4	106%	65-132%
2037-26-5	Toluene-D8	93%	74-129%
460-00-4	4-Bromofluorobenzene	84%	62-138%

(a) High percent recoveries and no associated positive found in the QC batch.

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A3693-BS	3A85998.D	1	11/30/10	HSS	n/a	n/a	V3A3693

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-10, JA62028-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	45.7	91	51-151
71-43-2	Benzene	50	46.0	92	75-122
74-97-5	Bromochloromethane	50	47.1	94	78-124
75-27-4	Bromodichloromethane	50	54.1	108	77-128
75-25-2	Bromoform	50	54.3	109	67-141
74-83-9	Bromomethane	50	50.6	101	53-152
78-93-3	2-Butanone (MEK)	50	48.5	97	64-130
75-15-0	Carbon disulfide	50	48.1	96	59-140
56-23-5	Carbon tetrachloride	50	49.0	98	75-148
108-90-7	Chlorobenzene	50	49.1	98	76-124
75-00-3	Chloroethane	50	54.0	108	54-147
67-66-3	Chloroform	50	45.7	91	77-124
74-87-3	Chloromethane	50	51.2	102	46-144
110-82-7	Cyclohexane	50	44.2	88	62-127
96-12-8	1,2-Dibromo-3-chloropropane	50	47.2	94	64-134
124-48-1	Dibromochloromethane	50	52.6	105	76-132
106-93-4	1,2-Dibromoethane	50	53.0	106	75-130
95-50-1	1,2-Dichlorobenzene	50	50.4	101	74-125
541-73-1	1,3-Dichlorobenzene	50	50.8	102	73-124
106-46-7	1,4-Dichlorobenzene	50	49.7	99	71-123
75-71-8	Dichlorodifluoromethane	50	43.0	86	42-152
75-34-3	1,1-Dichloroethane	50	47.1	94	72-124
107-06-2	1,2-Dichloroethane	50	47.0	94	66-150
75-35-4	1,1-Dichloroethene	50	47.3	95	61-132
156-59-2	cis-1,2-Dichloroethene	50	50.8	102	71-119
156-60-5	trans-1,2-Dichloroethene	50	39.6	79	71-123
78-87-5	1,2-Dichloropropane	50	51.9	104	75-120
10061-01-5	cis-1,3-Dichloropropene	50	52.8	106	77-124
10061-02-6	trans-1,3-Dichloropropene	50	53.7	107	75-132
123-91-1	1,4-Dioxane	1250	1140	91	57-147
100-41-4	Ethylbenzene	50	47.8	96	77-124
76-13-1	Freon 113	50	47.1	94	58-149
591-78-6	2-Hexanone	50	57.1	114	58-136
98-82-8	Isopropylbenzene	50	51.1	102	60-136
79-20-9	Methyl Acetate	50	45.5	91	57-139
108-87-2	Methylcyclohexane	50	51.9	104	73-130

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A3693-BS	3A85998.D	1	11/30/10	HSS	n/a	n/a	V3A3693

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-10, JA62028-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	100	97.7	98	72-127
108-10-1	4-Methyl-2-pentanone(MIBK)	50	53.8	108	63-135
75-09-2	Methylene chloride	50	47.2	94	69-122
100-42-5	Styrene	50	49.5	99	78-126
79-34-5	1,1,2,2-Tetrachloroethane	50	53.8	108	66-125
127-18-4	Tetrachloroethene	50	50.4	101	70-136
108-88-3	Toluene	50	50.1	100	76-126
87-61-6	1,2,3-Trichlorobenzene	50	49.4	99	62-132
120-82-1	1,2,4-Trichlorobenzene	50	49.8	100	67-132
71-55-6	1,1,1-Trichloroethane	50	47.3	95	77-136
79-00-5	1,1,2-Trichloroethane	50	52.2	104	75-123
79-01-6	Trichloroethene	50	52.3	105	79-126
75-69-4	Trichlorofluoromethane	50	47.0	94	56-154
75-01-4	Vinyl chloride	50	51.2	102	56-146
	m,p-Xylene	100	97.2	97	77-125
95-47-6	o-Xylene	50	50.4	101	76-126
1330-20-7	Xylene (total)	150	148	99	77-125

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	89%	76-120%
17060-07-0	1,2-Dichloroethane-D4	88%	64-135%
2037-26-5	Toluene-D8	102%	76-117%
460-00-4	4-Bromofluorobenzene	98%	72-122%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA62168-4MS	Y106018.D	1	11/23/10	AVM	n/a	n/a	VY4515
JA62168-4MSD	Y106019.D	1	11/23/10	AVM	n/a	n/a	VY4515
JA62168-4	Y106015.D	1	11/23/10	AVM	n/a	n/a	VY4515

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-1

CAS No.	Compound	JA62168-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	6.3	J	58	63.4	98	63.6	99	0	26-178/32
71-43-2	Benzene	ND		58	48.0	83	47.2	81	2	41-136/24
74-97-5	Bromochloromethane	ND		58	54.8	94	54.9	95	0	45-135/23
75-27-4	Bromodichloromethane	ND		58	46.8	81	46.3	80	1	37-150/23
75-25-2	Bromoform	ND		58	42.4	73	39.2	68	8	31-153/24
74-83-9	Bromomethane	ND		58	58.7	101	58.8	101	0	4-154/32
78-93-3	2-Butanone (MEK)	ND		58	52.2	90	47.3	82	10	32-159/28
75-15-0	Carbon disulfide	ND		58	44.3	76	41.3	71	7	27-148/28
56-23-5	Carbon tetrachloride	ND		58	39.9	69	39.0	67	2	27-165/26
108-90-7	Chlorobenzene	ND		58	41.8	72	38.1	66	9	33-140/26
75-00-3	Chloroethane	ND		58	61.8	107	62.1	107	0	5-151/33
67-66-3	Chloroform	ND		58	54.4	94	53.8	93	1	44-135/24
74-87-3	Chloromethane	ND		58	54.7	94	57.4	99	5	27-149/27
110-82-7	Cyclohexane	ND		58	47.3	82	45.5	78	4	15-165/28
96-12-8	1,2-Dibromo-3-chloropropane	ND		58	45.4	78	39.7	68	13	24-154/27
124-48-1	Dibromochloromethane	ND		58	42.9	74	40.8	70	5	35-154/23
106-93-4	1,2-Dibromoethane	ND		58	43.1	74	40.1	69	7	41-140/23
95-50-1	1,2-Dichlorobenzene	ND		58	40.5	70	35.7	62	13	20-146/29
541-73-1	1,3-Dichlorobenzene	ND		58	39.1	67	32.7	56	18	19-147/30
106-46-7	1,4-Dichlorobenzene	ND		58	35.1	61	28.7	49	20	19-143/30
75-71-8	Dichlorodifluoromethane	ND		58	46.8	81	48.8	84	4	17-170/25
75-34-3	1,1-Dichloroethane	ND		58	53.9	93	53.6	92	1	45-135/24
107-06-2	1,2-Dichloroethane	ND		58	43.7	75	43.2	74	1	44-143/23
75-35-4	1,1-Dichloroethene	ND		58	49.3	85	47.7	82	3	32-149/26
156-59-2	cis-1,2-Dichloroethene	ND		58	55.0	95	53.1	92	4	42-135/25
156-60-5	trans-1,2-Dichloroethene	ND		58	52.4	90	50.2	87	4	37-140/25
78-87-5	1,2-Dichloropropane	ND		58	49.6	86	49.9	86	1	45-136/23
10061-01-5	cis-1,3-Dichloropropene	ND		58	47.1	81	44.6	77	5	37-143/26
10061-02-6	trans-1,3-Dichloropropene	ND		58	46.1	79	42.7	74	8	34-148/26
123-91-1	1,4-Dioxane	ND		1450	1130	78	1220	84	8	36-170/33
100-41-4	Ethylbenzene	ND		58	41.1	71	38.1	66	8	28-147/27
76-13-1	Freon 113	ND		58	54.0	93	54.5	94	1	25-162/28
591-78-6	2-Hexanone	ND		58	49.5	85	47.0	81	5	19-169/31
98-82-8	Isopropylbenzene	ND		58	41.9	72	39.0	67	7	19-157/30
79-20-9	Methyl Acetate	ND		58	66.7	115	65.5	113	2	40-177/29
108-87-2	Methylcyclohexane	ND		58	49.1	85	47.2	81	4	11-167/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA62168-4MS	Y106018.D	1	11/23/10	AVM	n/a	n/a	VY4515
JA62168-4MSD	Y106019.D	1	11/23/10	AVM	n/a	n/a	VY4515
JA62168-4	Y106015.D	1	11/23/10	AVM	n/a	n/a	VY4515

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-1

CAS No.	Compound	JA62168-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	ND		58	56.5	97	55.4	96	2	48-135/22
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		58	51.1	88	52.6	91	3	31-158/26
75-09-2	Methylene chloride	ND		58	54.9	95	54.7	94	0	39-138/24
100-42-5	Styrene	ND		58	39.8	69	36.1	62	10	23-156/29
79-34-5	1,1,2,2-Tetrachloroethane	ND		58	47.2	81	43.5	75	8	35-136/25
127-18-4	Tetrachloroethene	ND		58	42.5	73	39.7	68	7	27-164/28
108-88-3	Toluene	2.2		58	48.2	79	47.4	78	2	32-145/26
87-61-6	1,2,3-Trichlorobenzene	ND		58	38.3	66	30.4	52	23	9-150/35
120-82-1	1,2,4-Trichlorobenzene	ND		58	37.0	64	27.7	48	29	10-155/34
71-55-6	1,1,1-Trichloroethane	ND		58	49.2	85	49.2	85	0	36-150/24
79-00-5	1,1,2-Trichloroethane	ND		58	51.0	88	49.6	86	3	37-147/23
79-01-6	Trichloroethene	ND		58	46.7	81	44.3	76	5	34-149/25
75-69-4	Trichlorofluoromethane	ND		58	57.6	99	57.6	99	0	25-160/27
75-01-4	Vinyl chloride	ND		58	63.0	109	64.2	111	2	29-152/26
	m,p-Xylene	ND		116	81.7	70	75.7	65	8	22-150/29
95-47-6	o-Xylene	ND		58	43.0	74	40.9	71	5	26-151/27
1330-20-7	Xylene (total)	ND		174	125	72	117	67	7	24-150/28

CAS No.	Surrogate Recoveries	MS	MSD	JA62168-4	Limits
1868-53-7	Dibromofluoromethane	122%	117%	117%	67-127%
17060-07-0	1,2-Dichloroethane-D4	110%	112%	98%	65-132%
2037-26-5	Toluene-D8	95%	96%	97%	74-129%
460-00-4	4-Bromofluorobenzene	89%	88%	96%	62-138%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA62028-4MS	Y106062.D	1	11/24/10	AVM	n/a	n/a	VY4517
JA62028-4MSD	Y106063.D	1	11/24/10	AVM	n/a	n/a	VY4517
JA62028-4	Y106065.D	1	11/24/10	AVM	n/a	n/a	VY4517

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-2, JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

CAS No.	Compound	JA62028-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		66.2	55.9	84	51.3	78	9	26-178/32
71-43-2	Benzene	ND		66.2	49.0	74	49.5	75	1	41-136/24
74-97-5	Bromochloromethane	ND		66.2	55.6	84	52.3	79	6	45-135/23
75-27-4	Bromodichloromethane	ND		66.2	48.4	73	49.2	74	2	37-150/23
75-25-2	Bromoform	ND		66.2	43.3	65	41.4	63	4	31-153/24
74-83-9	Bromomethane	ND		66.2	61.0	92	58.5	88	4	4-154/32
78-93-3	2-Butanone (MEK)	ND		66.2	45.9	69	43.2	65	6	32-159/28
75-15-0	Carbon disulfide	0.63	J	66.2	33.1	49	26.3	39	23	27-148/28
56-23-5	Carbon tetrachloride	ND		66.2	40.7	61	41.7	63	2	27-165/26
108-90-7	Chlorobenzene	ND		66.2	40.9	62	38.9	59	5	33-140/26
75-00-3	Chloroethane	ND		66.2	65.9	100	62.5	94	5	5-151/33
67-66-3	Chloroform	ND		66.2	56.9	86	57.0	86	0	44-135/24
74-87-3	Chloromethane	ND		66.2	60.7	92	59.0	89	3	27-149/27
110-82-7	Cyclohexane	ND		66.2	45.7	69	44.5	67	3	15-165/28
96-12-8	1,2-Dibromo-3-chloropropane	ND		66.2	44.7	68	41.5	63	7	24-154/27
124-48-1	Dibromochloromethane	ND		66.2	43.0	65	42.4	64	1	35-154/23
106-93-4	1,2-Dibromoethane	ND		66.2	43.0	65	39.7	60	8	41-140/23
95-50-1	1,2-Dichlorobenzene	ND		66.2	40.6	61	37.2	56	9	20-146/29
541-73-1	1,3-Dichlorobenzene	ND		66.2	38.2	58	33.9	51	12	19-147/30
106-46-7	1,4-Dichlorobenzene	ND		66.2	34.2	52	29.2	44	16	19-143/30
75-71-8	Dichlorodifluoromethane	ND		66.2	52.8	80	52.3	79	1	17-170/25
75-34-3	1,1-Dichloroethane	ND		66.2	55.6	84	55.7	84	0	45-135/24
107-06-2	1,2-Dichloroethane	ND		66.2	44.8	68	45.2	68	1	44-143/23
75-35-4	1,1-Dichloroethene	ND		66.2	45.3	68	43.2	65	5	32-149/26
156-59-2	cis-1,2-Dichloroethene	ND		66.2	54.5	82	50.5	76	8	42-135/25
156-60-5	trans-1,2-Dichloroethene	ND		66.2	47.1	71	39.8	60	17	37-140/25
78-87-5	1,2-Dichloropropane	ND		66.2	51.2	77	51.6	78	1	45-136/23
10061-01-5	cis-1,3-Dichloropropene	ND		66.2	46.0	70	42.9	65	7	37-143/26
10061-02-6	trans-1,3-Dichloropropene	ND		66.2	42.5	64	38.1	58	11	34-148/26
123-91-1	1,4-Dioxane	ND		1650	1260	76	1290	78	2	36-170/33
100-41-4	Ethylbenzene	ND		66.2	41.8	63	39.8	60	5	28-147/27
76-13-1	Freon 113	ND		66.2	57.0	86	57.2	86	0	25-162/28
591-78-6	2-Hexanone	ND		66.2	42.6	64	45.6	69	7	19-169/31
98-82-8	Isopropylbenzene	ND		66.2	42.3	64	39.5	60	7	19-157/30
79-20-9	Methyl Acetate	ND		66.2	72.1	109	66.6	101	8	40-177/29
108-87-2	Methylcyclohexane	ND		66.2	47.4	72	43.1	65	10	11-167/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA62028-4MS	Y106062.D	1	11/24/10	AVM	n/a	n/a	VY4517
JA62028-4MSD	Y106063.D	1	11/24/10	AVM	n/a	n/a	VY4517
JA62028-4	Y106065.D	1	11/24/10	AVM	n/a	n/a	VY4517

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-2, JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

CAS No.	Compound	JA62028-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	ND		66.2	58.1	88	58.6	89	1	48-135/22
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		66.2	48.6	73	48.8	74	0	31-158/26
75-09-2	Methylene chloride	ND		66.2	54.7	83	52.2	79	5	39-138/24
100-42-5	Styrene	ND		66.2	40.2	61	37.2	56	8	23-156/29
79-34-5	1,1,2,2-Tetrachloroethane	ND		66.2	47.1	71	45.2	68	4	35-136/25
127-18-4	Tetrachloroethene	ND		66.2	55.2	83	53.3	81	4	27-164/28
108-88-3	Toluene	1.3		66.2	49.8	73	49.4	73	1	32-145/26
87-61-6	1,2,3-Trichlorobenzene	ND		66.2	33.9	51	29.4	44	14	9-150/35
120-82-1	1,2,4-Trichlorobenzene	ND		66.2	33.3	50	27.2	41	20	10-155/34
71-55-6	1,1,1-Trichloroethane	ND		66.2	51.4	78	52.5	79	2	36-150/24
79-00-5	1,1,2-Trichloroethane	ND		66.2	52.5	79	52.9	80	1	37-147/23
79-01-6	Trichloroethene	ND		66.2	47.3	71	43.2	65	9	34-149/25
75-69-4	Trichlorofluoromethane	ND		66.2	62.0	94	61.9	94	0	25-160/27
75-01-4	Vinyl chloride	ND		66.2	65.0	98	61.6	93	5	29-152/26
	m,p-Xylene	ND		132	83.1	63	79.4	60	5	22-150/29
95-47-6	o-Xylene	ND		66.2	43.3	65	42.9	65	1	26-151/27
1330-20-7	Xylene (total)	ND		199	126	63	122	61	3	24-150/28

CAS No.	Surrogate Recoveries	MS	MSD	JA62028-4	Limits
1868-53-7	Dibromofluoromethane	120%	118%	118%	67-127%
17060-07-0	1,2-Dichloroethane-D4	109%	109%	107%	65-132%
2037-26-5	Toluene-D8	94%	95%	94%	74-129%
460-00-4	4-Bromofluorobenzene	87%	86%	92%	62-138%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA62116-1MS	3A86006.D	50	11/30/10	HSS	n/a	n/a	V3A3693
JA62116-1MSD	3A86007.D	50	11/30/10	HSS	n/a	n/a	V3A3693
JA62116-1	3A86000.D	50	11/30/10	HSS	n/a	n/a	V3A3693
JA62116-1	3A85999.D	500	11/30/10	HSS	n/a	n/a	V3A3693

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-10, JA62028-11

CAS No.	Compound	JA62116-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2500	2320	93	2330	93	0	44-157/20
71-43-2	Benzene	145		2500	2590	98	2580	97	0	38-139/13
74-97-5	Bromochloromethane	ND		2500	2540	102	2480	99	2	70-129/11
75-27-4	Bromodichloromethane	ND		2500	2480	99	2690	108	8	70-135/13
75-25-2	Bromoform	ND		2500	2690	108	2750	110	2	53-139/13
74-83-9	Bromomethane	ND		2500	2490	100	2400	96	4	44-150/18
78-93-3	2-Butanone (MEK)	ND		2500	2580	103	2610	104	1	58-140/14
75-15-0	Carbon disulfide	ND		2500	2610	104	2590	104	1	34-136/21
56-23-5	Carbon tetrachloride	ND		2500	2630	105	2640	106	0	50-161/18
108-90-7	Chlorobenzene	ND		2500	2600	104	2600	104	0	65-128/12
75-00-3	Chloroethane	ND		2500	2730	109	2640	106	3	41-151/18
67-66-3	Chloroform	ND		2500	2450	98	2400	96	2	66-132/14
74-87-3	Chloromethane	ND		2500	2540	102	2540	102	0	35-149/22
110-82-7	Cyclohexane	224	J	2500	2790	103	2710	99	3	29-158/18
96-12-8	1,2-Dibromo-3-chloropropane	ND		2500	2310	92	2330	93	1	58-141/14
124-48-1	Dibromochloromethane	ND		2500	2740	110	2780	111	1	67-134/12
106-93-4	1,2-Dibromoethane	ND		2500	2680	107	2690	108	0	69-130/11
95-50-1	1,2-Dichlorobenzene	ND		2500	2650	106	2660	106	0	65-128/12
541-73-1	1,3-Dichlorobenzene	ND		2500	2650	106	2670	107	1	63-128/13
106-46-7	1,4-Dichlorobenzene	ND		2500	2600	104	2610	104	0	63-126/13
75-71-8	Dichlorodifluoromethane	ND		2500	2730	109	2730	109	0	24-170/24
75-34-3	1,1-Dichloroethane	192		2500	2670	99	2640	98	1	59-132/15
107-06-2	1,2-Dichloroethane	ND		2500	2370	95	2360	94	0	59-153/15
75-35-4	1,1-Dichloroethene	459		2500	3020	102	2990	101	1	41-144/17
156-59-2	cis-1,2-Dichloroethene	8090		2500	9410	53* [a]	9300	48* [a]	1	57-131/13
156-60-5	trans-1,2-Dichloroethene	ND		2500	2450	98	2430	97	1	55-131/15
78-87-5	1,2-Dichloropropane	ND		2500	2590	104	2640	106	2	67-125/12
10061-01-5	cis-1,3-Dichloropropene	ND		2500	2550	102	2590	104	2	68-126/13
10061-02-6	trans-1,3-Dichloropropene	ND		2500	2490	100	2510	100	1	68-134/13
123-91-1	1,4-Dioxane	ND		62500	56900	91	62700	100	10	52-148/22
100-41-4	Ethylbenzene	538		2500	3050	100	3010	99	1	37-143/13
76-13-1	Freon 113	ND		2500	2830	113	2740	110	3	33-159/19
591-78-6	2-Hexanone	ND		2500	2430	97	2480	99	2	53-145/17
98-82-8	Isopropylbenzene	36.3	J	2500	2750	109	2750	109	0	48-141/15
79-20-9	Methyl Acetate	ND		2500	2180	87	2160	86	1	46-147/18
108-87-2	Methylcyclohexane	186	J	2500	3050	115	3090	116	1	36-156/18

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA62116-1MS	3A86006.D	50	11/30/10	HSS	n/a	n/a	V3A3693
JA62116-1MSD	3A86007.D	50	11/30/10	HSS	n/a	n/a	V3A3693
JA62116-1	3A86000.D	50	11/30/10	HSS	n/a	n/a	V3A3693
JA62116-1	3A85999.D	500	11/30/10	HSS	n/a	n/a	V3A3693

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA62028-10, JA62028-11

CAS No.	Compound	JA62116-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	54.3		2500	2480	97	2460	96	1	53-139/14
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		2500	2390	96	2440	98	2	57-141/14
75-09-2	Methylene chloride	38400 [b]		2500	32200	-248* [a]	31800	-264* [a]	1	59-129/12
100-42-5	Styrene	ND		2500	2660	106	2650	106	0	60-135/13
79-34-5	1,1,2,2-Tetrachloroethane	ND		2500	2650	106	2660	106	0	62-126/13
127-18-4	Tetrachloroethene	ND		2500	2890	116	2890	116	0	48-145/15
108-88-3	Toluene	2420		2500	4560	86	4600	87	1	44-141/14
87-61-6	1,2,3-Trichlorobenzene	ND		2500	2550	102	2570	103	1	54-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		2500	2610	104	2630	105	1	59-135/13
71-55-6	1,1,1-Trichloroethane	3150		2500	5160	80	5050	76	2	55-149/18
79-00-5	1,1,2-Trichloroethane	ND		2500	2450	98	2470	99	1	70-127/12
79-01-6	Trichloroethene	952		2500	3520	103	3560	104	1	53-141/15
75-69-4	Trichlorofluoromethane	ND		2500	2430	97	2360	94	3	35-169/23
75-01-4	Vinyl chloride	38.7	J	2500	2460	97	2410	95	2	34-151/20
	m,p-Xylene	2370		5000	7090	94	7080	94	0	32-146/13
95-47-6	o-Xylene	1440		2500	3940	100	3890	98	1	46-141/12
1330-20-7	Xylene (total)	3810		7500	11000	96	11000	96	0	36-144/13

CAS No.	Surrogate Recoveries	MS	MSD	JA62116-1	JA62116-1	Limits
1868-53-7	Dibromofluoromethane	90%	89%	90%	89%	76-120%
17060-07-0	1,2-Dichloroethane-D4	83%	83%	86%	87%	64-135%
2037-26-5	Toluene-D8	95%	96%	95%	106%	76-117%
460-00-4	4-Bromofluorobenzene	96%	96%	93%	95%	72-122%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Result is from Run #2.

Instrument Performance Check (BFB)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3607-BFB
Lab File ID: 3A83944.D
Instrument ID: GCMS3A
Injection Date: 10/07/10
Injection Time: 18:50

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	7340	17.3		Pass
75	30.0 - 60.0% of mass 95	18792	44.4		Pass
95	Base peak, 100% relative abundance	42354	100.0		Pass
96	5.0 - 9.0% of mass 95	2771	6.54		Pass
173	Less than 2.0% of mass 174	269	0.64	(0.77) [a]	Pass
174	50.0 - 120.0% of mass 95	35016	82.7		Pass
175	5.0 - 9.0% of mass 174	2674	6.31	(7.64) [a]	Pass
176	95.0 - 101.0% of mass 174	33800	79.8	(96.5) [a]	Pass
177	5.0 - 9.0% of mass 176	2328	5.50	(6.89) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3A3607-IC3607	3A83945.D	10/07/10	19:19	00:29	Initial cal 0.5
ZZZZZZ	3A83945M.D	10/07/10	19:19	00:29	(unrelated sample)
V3A3607-IC3607	3A83946.D	10/07/10	19:47	00:57	Initial cal 1
ZZZZZZ	3A83946M.D	10/07/10	19:47	00:57	(unrelated sample)
V3A3607-IC3607	3A83947.D	10/07/10	20:16	01:26	Initial cal 2
V3A3607-IC3607	3A83948.D	10/07/10	20:45	01:55	Initial cal 5
V3A3607-IC3607	3A83949.D	10/07/10	21:14	02:24	Initial cal 20
V3A3607-ICC3607	3A83950.D	10/07/10	21:43	02:53	Initial cal 50
V3A3607-IC3607	3A83951.D	10/07/10	22:12	03:22	Initial cal 100
V3A3607-IC3607	3A83952.D	10/07/10	22:41	03:51	Initial cal 200

Instrument Performance Check (BFB)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3693-BFB
Lab File ID: 3A85993.D
Instrument ID: GCMS3A
Injection Date: 11/30/10
Injection Time: 08:15

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	6619	16.4		Pass
75	30.0 - 60.0% of mass 95	17760	43.9		Pass
95	Base peak, 100% relative abundance	40445	100.0		Pass
96	5.0 - 9.0% of mass 95	2615	6.47		Pass
173	Less than 2.0% of mass 174	128	0.32	(0.35) [a]	Pass
174	50.0 - 120.0% of mass 95	36085	89.2		Pass
175	5.0 - 9.0% of mass 174	2740	6.77	(7.59) [a]	Pass
176	95.0 - 101.0% of mass 174	36000	89.0	(99.8) [a]	Pass
177	5.0 - 9.0% of mass 176	2434	6.02	(6.76) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3A3693-CC3607	3A85995.D	11/30/10	09:32	01:17	Continuing cal 20
V3A3693-MB	3A85996.D	11/30/10	10:07	01:52	Method Blank
V3A3693-BS	3A85998.D	11/30/10	11:38	03:23	Blank Spike
JA62116-1	3A85999.D	11/30/10	12:19	04:04	(used for QC only; not part of job JA62028)
JA62116-1	3A86000.D	11/30/10	12:48	04:33	(used for QC only; not part of job JA62028)
ZZZZZZ	3A86001.D	11/30/10	13:17	05:02	(unrelated sample)
ZZZZZZ	3A86002.D	11/30/10	13:47	05:32	(unrelated sample)
ZZZZZZ	3A86003.D	11/30/10	14:16	06:01	(unrelated sample)
ZZZZZZ	3A86004.D	11/30/10	14:45	06:30	(unrelated sample)
ZZZZZZ	3A86005.D	11/30/10	15:14	06:59	(unrelated sample)
JA62116-1MS	3A86006.D	11/30/10	15:43	07:28	Matrix Spike
JA62116-1MSD	3A86007.D	11/30/10	16:12	07:57	Matrix Spike Duplicate
ZZZZZZ	3A86009.D	11/30/10	17:10	08:55	(unrelated sample)
ZZZZZZ	3A86010.D	11/30/10	17:38	09:23	(unrelated sample)
JA62028-10	3A86011.D	11/30/10	18:07	09:52	FLS-STAINSOIL-GW(10.5")
JA62028-11	3A86012.D	11/30/10	18:36	10:21	FLS-BOILERROOM-GW(8")
ZZZZZZ	3A86015.D	11/30/10	20:03	11:48	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-BFB
Lab File ID: Y105433.D
Instrument ID: GCMSY
Injection Date: 11/08/10
Injection Time: 09:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	7635	19.8		Pass
75	30.0 - 60.0% of mass 95	19128	49.6		Pass
95	Base peak, 100% relative abundance	38592	100.0		Pass
96	5.0 - 9.0% of mass 95	2391	6.20		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	34328	89.0		Pass
175	5.0 - 9.0% of mass 174	2739	7.10	(7.98) [a]	Pass
176	95.0 - 101.0% of mass 174	33429	86.6	(97.4) [a]	Pass
177	5.0 - 9.0% of mass 176	2202	5.71	(6.59) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY4490-IC4490	Y105434.D	11/08/10	10:46	01:20	Initial cal 10
VY4490-IC4490	Y105435.D	11/08/10	11:15	01:49	Initial cal 5
VY4490-IC4490	Y105436.D	11/08/10	11:49	02:23	Initial cal 2
VY4490-IC4490	Y105437.D	11/08/10	12:23	02:57	Initial cal 1
VY4490-IC4490	Y105438.D	11/08/10	12:53	03:27	Initial cal 0.5
VY4490-IC4490	Y105439.D	11/08/10	13:22	03:56	Initial cal 20
VY4490-ICC4490	Y105440.D	11/08/10	14:07	04:41	Initial cal 50
VY4490-IC4490	Y105441.D	11/08/10	14:36	05:10	Initial cal 100
VY4490-IC4490	Y105442.D	11/08/10	15:05	05:39	Initial cal 200
VY4490-ICV4490	Y105445.D	11/08/10	17:51	08:25	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4515-BFB
Lab File ID: Y106006.D
Instrument ID: GCMSY
Injection Date: 11/23/10
Injection Time: 10:22

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	7028	15.4		Pass
75	30.0 - 60.0% of mass 95	20419	44.7		Pass
95	Base peak, 100% relative abundance	45648	100.0		Pass
96	5.0 - 9.0% of mass 95	3206	7.02		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	41643	91.2		Pass
175	5.0 - 9.0% of mass 174	3029	6.64	(7.27) [a]	Pass
176	95.0 - 101.0% of mass 174	40512	88.7	(97.3) [a]	Pass
177	5.0 - 9.0% of mass 176	2615	5.73	(6.45) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY4515-CC4490	Y106008.D	11/23/10	11:58	01:36	Continuing cal 20
VY4515-MB	Y106010.D	11/23/10	12:57	02:35	Method Blank
VY4515-BS	Y106012.D	11/23/10	14:14	03:52	Blank Spike
ZZZZZZ	Y106014.D	11/23/10	15:15	04:53	(unrelated sample)
JA62168-4	Y106015.D	11/23/10	15:45	05:23	(used for QC only; not part of job JA62028)
ZZZZZZ	Y106016.D	11/23/10	16:14	05:52	(unrelated sample)
ZZZZZZ	Y106017.D	11/23/10	16:44	06:22	(unrelated sample)
JA62168-4MS	Y106018.D	11/23/10	17:15	06:53	Matrix Spike
JA62168-4MSD	Y106019.D	11/23/10	17:44	07:22	Matrix Spike Duplicate
ZZZZZZ	Y106023.D	11/23/10	19:41	09:19	(unrelated sample)
ZZZZZZ	Y106024.D	11/23/10	20:11	09:49	(unrelated sample)
ZZZZZZ	Y106025.D	11/23/10	20:40	10:18	(unrelated sample)
JA62028-1	Y106026.D	11/23/10	21:09	10:47	FLS-BOILERROOM(3.0')
ZZZZZZ	Y106027.D	11/23/10	21:39	11:17	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4517-BFB
Lab File ID: Y106056.D
Instrument ID: GCMSY
Injection Date: 11/24/10
Injection Time: 13:13

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	7174	17.1		Pass
75	30.0 - 60.0% of mass 95	19611	46.7		Pass
95	Base peak, 100% relative abundance	41984	100.0		Pass
96	5.0 - 9.0% of mass 95	2943	7.01		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	36901	87.9		Pass
175	5.0 - 9.0% of mass 174	2772	6.60	(7.51) [a]	Pass
176	95.0 - 101.0% of mass 174	35091	83.6	(95.1) [a]	Pass
177	5.0 - 9.0% of mass 176	2537	6.04	(7.23) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY4517-CC4490	Y106057.D	11/24/10	13:44	00:31	Continuing cal 20
VY4517-MB	Y106059.D	11/24/10	14:48	01:35	Method Blank
VY4517-BS	Y106061.D	11/24/10	15:57	02:44	Blank Spike
JA62028-4MS	Y106062.D	11/24/10	16:37	03:24	Matrix Spike
JA62028-4MSD	Y106063.D	11/24/10	17:06	03:53	Matrix Spike Duplicate
JA62028-4	Y106065.D	11/24/10	18:05	04:52	FLS-UST-4(2.0')
JA62028-5	Y106066.D	11/24/10	18:35	05:22	FLS-UST-3(3.0')
JA62028-7	Y106067.D	11/24/10	19:04	05:51	FLS-FD-2(2.5')
JA62028-9	Y106068.D	11/24/10	19:33	06:20	DLS-FD-3(2.0')
JA62028-6	Y106069.D	11/24/10	20:03	06:50	FLS-UST-1(1.5')
JA62028-8	Y106070.D	11/24/10	20:32	07:19	FLS-FD-1(2.0')
JA62028-2	Y106071.D	11/24/10	21:01	07:48	FLS-STAINSOIL(3.0')
JA62028-3	Y106072.D	11/24/10	21:31	08:18	FLS-UST-2(3.5')
ZZZZZZ	Y106073.D	11/24/10	22:00	08:47	(unrelated sample)
ZZZZZZ	Y106074.D	11/24/10	22:29	09:16	(unrelated sample)
ZZZZZZ	Y106075.D	11/24/10	22:59	09:46	(unrelated sample)
ZZZZZZ	Y106076.D	11/24/10	23:28	10:15	(unrelated sample)
ZZZZZZ	Y106077.D	11/24/10	23:58	10:45	(unrelated sample)
JA62028-1	Y106078.D	11/25/10	00:27	11:14	FLS-BOILERROOM(3.0')

Instrument Performance Check (BFB)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4523-BFB
Lab File ID: Y106192.D
Instrument ID: GCMSY
Injection Date: 11/30/10
Injection Time: 10:09

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	5580	15.9		Pass
75	30.0 - 60.0% of mass 95	15723	44.8		Pass
95	Base peak, 100% relative abundance	35093	100.0		Pass
96	5.0 - 9.0% of mass 95	2400	6.84		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	30949	88.2		Pass
175	5.0 - 9.0% of mass 174	2448	6.98	(7.91) [a]	Pass
176	95.0 - 101.0% of mass 174	29744	84.8	(96.1) [a]	Pass
177	5.0 - 9.0% of mass 176	1883	5.37	(6.33) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY4523-CC4490	Y106194.D	11/30/10	11:59	01:50	Continuing cal 20
VY4523-MB	Y106196.D	11/30/10	12:58	02:49	Method Blank
VY4523-BS	Y106197.D	11/30/10	13:27	03:18	Blank Spike
JA62235-7MS	Y106198.D	11/30/10	14:13	04:04	Matrix Spike
JA62235-7MSD	Y106199.D	11/30/10	14:42	04:33	Matrix Spike Duplicate
JA62235-7	Y106201.D	11/30/10	15:44	05:35	(used for QC only; not part of job JA62028)
ZZZZZZ	Y106202.D	11/30/10	16:13	06:04	(unrelated sample)
ZZZZZZ	Y106204.D	11/30/10	17:12	07:03	(unrelated sample)
ZZZZZZ	Y106205.D	11/30/10	17:42	07:33	(unrelated sample)
ZZZZZZ	Y106206.D	11/30/10	18:11	08:02	(unrelated sample)
ZZZZZZ	Y106207.D	11/30/10	18:40	08:31	(unrelated sample)
ZZZZZZ	Y106208.D	11/30/10	19:10	09:01	(unrelated sample)
ZZZZZZ	Y106209.D	11/30/10	19:39	09:30	(unrelated sample)
ZZZZZZ	Y106210.D	11/30/10	20:09	10:00	(unrelated sample)
ZZZZZZ	Y106211.D	11/30/10	20:38	10:29	(unrelated sample)
ZZZZZZ	Y106212.D	11/30/10	21:07	10:58	(unrelated sample)
JA62028-3	Y106213.D	11/30/10	21:37	11:28	FLS-UST-2(3.5')

Volatile Internal Standard Area Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Check Std:	V3A3693-CC3607	**Injection Date:**	11/30/10
Lab File ID:	3A85995.D	**Injection Time:**	09:32
Instrument ID:	GCMS3A	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	65583	8.08	166075	10.51	235900	11.47	226724	14.81	116443	17.29
Upper Limit [a]	131166	8.58	332150	11.01	471800	11.97	453448	15.31	232886	17.79
Lower Limit [b]	32792	7.58	83038	10.01	117950	10.97	113362	14.31	58222	16.79

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V3A3693-MB	70444	8.07	171646	10.51	246777	11.47	226999	14.81	115584	17.29
V3A3693-BS	66664	8.07	157059	10.51	227390	11.47	223870	14.81	111218	17.29
JA62116-1	61370	8.07	176301	10.51	249021	11.47	231598	14.81	119319	17.29
JA62116-1	60782	8.06	163575	10.51	245793	11.47	218961	14.81	116660	17.29
ZZZZZZ	58244	8.07	167398	10.51	240845	11.47	226832	14.81	119185	17.29
ZZZZZZ	62508	8.06	173457	10.51	255246	11.47	226019	14.81	121279	17.29
ZZZZZZ	66005	8.06	163023	10.51	245061	11.47	218459	14.81	115454	17.29
ZZZZZZ	60427	8.07	171288	10.51	240654	11.47	220668	14.81	118334	17.29
ZZZZZZ	76913	8.06	159352	10.51	232015	11.47	214817	14.81	113830	17.29
JA62116-1MS	67160	8.07	169743	10.51	254197	11.47	229863	14.81	116038	17.29
JA62116-1MSD	67338	8.06	173695	10.51	252982	11.47	231349	14.81	117040	17.29
ZZZZZZ	49757	8.06	181799	10.51	262752	11.47	232068	14.81	122789	17.29
ZZZZZZ	58296	8.07	181291	10.51	263903	11.47	231836	14.81	121901	17.29
JA62028-10	60964	8.08	173710	10.51	254837	11.47	225308	14.81	119971	17.29
JA62028-11	59662	8.07	170959	10.51	250791	11.47	218321	14.81	116245	17.29
ZZZZZZ	74467	8.06	157930	10.51	234542	11.47	214841	14.81	110962	17.29

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Check Std: VY4515-CC4490 **Injection Date:** 11/23/10
Lab File ID: Y106008.D **Injection Time:** 11:58
Instrument ID: GCMSY **Method:** SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	58007	5.58	141874	8.09	206902	9.08	192811	12.49	95095	14.92
Upper Limit [a]	116014	6.08	283748	8.59	413804	9.58	385622	12.99	190190	15.42
Lower Limit [b]	29004	5.08	70937	7.59	103451	8.58	96406	11.99	47548	14.42

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VY4515-MB	52991	5.60	141245	8.10	207330	9.08	198700	12.50	90302	14.92
VY4515-BS	63328	5.57	159099	8.09	234378	9.07	220330	12.48	105322	14.91
ZZZZZZ	87077	5.59	127532	8.10	203281	9.09	217390	12.50	103122	14.92
JA62168-4	70619	5.61	140943	8.10	230246	9.08	221224	12.50	94484	14.92
ZZZZZZ	71962	5.59	122547	8.10	195009	9.08	217032	12.49	105276	14.92
ZZZZZZ	88921	5.60	141671	8.10	231312	9.09	245820	12.50	115875	14.92
JA62168-4MS	102421	5.56	149157	8.09	248226	9.08	254843	12.49	121839	14.92
JA62168-4MSD	88949	5.57	148798	8.09	245138	9.08	258673	12.49	124158	14.91
ZZZZZZ	90951	5.59	149668	8.10	237439	9.08	252497	12.50	119649	14.92
ZZZZZZ	92848	5.60	149126	8.10	238289	9.08	260860	12.50	126115	14.92
ZZZZZZ	82421	5.60	165713	8.10	275213	9.09	266653	12.50	122360	14.92
JA62028-1	80479	5.59	148746	8.10	239872	9.09	258917	12.50	129411	14.92
ZZZZZZ	86787	5.59	145193	8.10	222852	9.08	228830	12.49	79300	14.92

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Check Std: VY4517-CC4490 **Injection Date:** 11/24/10
Lab File ID: Y106057.D **Injection Time:** 13:44
Instrument ID: GCMSY **Method:** SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	62872	5.58	169491	8.09	243252	9.07	223206	12.49	105869	14.92
Upper Limit [a]	125744	6.08	338982	8.59	486504	9.57	446412	12.99	211738	15.42
Lower Limit [b]	31436	5.08	84746	7.59	121626	8.57	111603	11.99	52935	14.42

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VY4517-MB	57181	5.60	136370	8.10	209443	9.09	214433	12.50	100872	14.93
VY4517-BS	84148	5.57	126369	8.09	197458	9.08	206390	12.48	102319	14.91
JA62028-4MS	83359	5.56	131690	8.09	220634	9.08	227659	12.48	107719	14.92
JA62028-4MSD	76456	5.57	130057	8.09	215115	9.08	227771	12.48	110040	14.92
JA62028-4	76425	5.60	139644	8.10	228628	9.08	234807	12.50	106139	14.92
JA62028-5	82674	5.60	138636	8.10	224010	9.08	231410	12.49	107299	14.92
JA62028-7	73883	5.60	130188	8.10	206693	9.09	208293	12.50	79479	14.93
JA62028-9	78801	5.60	137803	8.10	225264	9.09	232250	12.49	110588	14.92
JA62028-6	93452	5.59	128731	8.10	206282	9.09	209760	12.50	106032	14.92
JA62028-8	83673	5.58	133901	8.10	209875	9.08	223530	12.50	113427	14.92
JA62028-2	90682	5.60	126572	8.10	202701	9.08	206648	12.50	100668	14.92
JA62028-3	86420	5.60	137142	8.10	216778	9.08	230743	12.49	113698	14.92
ZZZZZZ	71093	5.60	153954	8.10	243396	9.08	237346	12.50	108630	14.92
ZZZZZZ	89130	5.60	137358	8.10	212044	9.08	226060	12.50	110492	14.92
ZZZZZZ	80611	5.60	136112	8.10	210530	9.09	229989	12.50	110544	14.92
ZZZZZZ	79791	5.60	132539	8.10	212407	9.09	220981	12.50	105780	14.92
ZZZZZZ	64975	5.61	132151	8.10	208807	9.09	213468	12.50	101689	14.92
JA62028-1 [c]	76766	5.58	131636	8.10	209251	9.09	222703	12.50	116846	14.92

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Confirmation run for surrogate recoveries.

Volatile Internal Standard Area Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Check Std: VY4523-CC4490 **Injection Date:** 11/30/10
Lab File ID: Y106194.D **Injection Time:** 11:59
Instrument ID: GCMSY **Method:** SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	89408	5.58	131606	8.09	194899	9.08	189284	12.49	95155	14.92
Upper Limit [a]	178816	6.08	263212	8.59	389798	9.58	378568	12.99	190310	15.42
Lower Limit [b]	44704	5.08	65803	7.59	97450	8.58	94642	11.99	47578	14.42

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VY4523-MB	59495	5.60	128274	8.10	194043	9.09	192872	12.50	91779	14.92
VY4523-BS	59237	5.56	122389	8.09	181142	9.08	177028	12.48	91509	14.91
JA62235-7MS	82136	5.57	125823	8.09	205380	9.07	221432	12.48	113526	14.91
JA62235-7MSD	72980	5.56	122767	8.09	196912	9.08	209601	12.48	106068	14.91
JA62235-7	72296	5.61	135688	8.10	207221	9.09	223189	12.50	108773	14.92
ZZZZZZ	70230	5.60	127242	8.10	198859	9.08	197286	12.50	53439	14.93
ZZZZZZ	79521	5.61	132387	8.10	198340	9.09	192763	12.50	87675	14.93
ZZZZZZ	81331	5.60	137330	8.10	205015	9.08	196866	12.50	91832	14.93
ZZZZZZ	83319	5.60	129259	8.10	195025	9.09	185135	12.50	84040	14.92
ZZZZZZ	74416	5.59	119260	8.10	186365	9.09	174432	12.50	71598	14.92
ZZZZZZ	81074	5.60	127597	8.10	189161	9.08	204508	12.50	100215	14.92
ZZZZZZ	79312	5.59	135242	8.10	203577	9.08	204020	12.50	97666	14.92
ZZZZZZ	73565	5.59	124454	8.10	188728	9.09	189462	12.50	90431	14.92
ZZZZZZ	71946	5.59	133785	8.10	199667	9.09	200469	12.50	95366	14.92
ZZZZZZ	75350	5.59	120244	8.10	181439	9.09	166491	12.50	37406*	14.94
JA62028-3 [c]	78768	5.59	121667	8.10	185443	9.09	190153	12.50	93111	14.92

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Confirmation run for surrogate recoveries.

Volatile Surrogate Recovery Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA62028-10	3A86011.D	89.0	89.0	94.0	94.0
JA62028-11	3A86012.D	90.0	84.0	93.0	94.0
JA62116-1MS	3A86006.D	90.0	83.0	95.0	96.0
JA62116-1MSD	3A86007.D	89.0	83.0	96.0	96.0
V3A3693-BS	3A85998.D	89.0	88.0	102.0	98.0
V3A3693-MB	3A85996.D	91.0	89.0	105.0	97.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	76-120%
S2 = 1,2-Dichloroethane-D4	64-135%
S3 = Toluene-D8	76-117%
S4 = 4-Bromofluorobenzene	72-122%

Volatile Surrogate Recovery Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA62028-1	Y106078.D	35.0* [a]	111.0	95.0	84.0
JA62028-1	Y106026.D	22.0* [b]	111.0	99.0	88.0
JA62028-2	Y106071.D	115.0	114.0	95.0	86.0
JA62028-3	Y106072.D	58.0*	113.0	94.0	90.0
JA62028-3	Y106213.D	64.0*	110.0	95.0	86.0
JA62028-4	Y106065.D	118.0	107.0	94.0	92.0
JA62028-5	Y106066.D	114.0	108.0	96.0	90.0
JA62028-6	Y106069.D	93.0	115.0	94.0	87.0
JA62028-7	Y106067.D	122.0	115.0	95.0	101.0
JA62028-8	Y106070.D	115.0	112.0	97.0	87.0
JA62028-9	Y106068.D	99.0	109.0	95.0	89.0
JA62028-4MS	Y106062.D	120.0	109.0	94.0	87.0
JA62028-4MSD	Y106063.D	118.0	109.0	95.0	86.0
JA62168-4MS	Y106018.D	122.0	110.0	95.0	89.0
JA62168-4MSD	Y106019.D	117.0	112.0	96.0	88.0
VY4515-BS	Y106012.D	96.0	80.0	95.0	87.0
VY4515-MB	Y106010.D	101.0	87.0	95.0	92.0
VY4517-BS	Y106061.D	112.0	106.0	93.0	84.0
VY4517-MB	Y106059.D	112.0	103.0	95.0	89.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	67-127%
S2 = 1,2-Dichloroethane-D4	65-132%
S3 = Toluene-D8	74-129%
S4 = 4-Bromofluorobenzene	62-138%

(a) Outside control limits due to matrix interference.
(b) Outside control limits due to matrix interference, confirmed by reanalysis.

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3607-ICC3607
Lab FileID: 3A83950.D

Response Factor Report MS3A

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 10:58:06 2010
Response via : Initial Calibration

Calibration Files
1 =3A83946.D 2 =3A83947.D 100 =3A83951.D 50 =3A83950.D
20 =3A83949.D 200 =3A83952.D 5 =3A83948.D 0.5 =3A83945.D

Compound	1	2	100	50	20	200	5	0.5	Avg	%RSD
1) I Tert Butyl Alcohol-d9	ISTD									
2) tertiary but			1.114	1.071	0.929	1.073	0.947		1.027	8.08
3) 1,4-dioxane			0.110	0.103	0.089	0.105	0.078		0.097	13.74
4) I pentafluorobenzene	ISTD									
5) freon 115									0.000#	-1.00
6) freon 152a									0.000#	-1.00
7) chlorodifluo		0.406	0.528	0.487	0.476	0.504	0.489		0.482	8.57
8) dichlorodifl	0.517	0.577	0.668	0.624	0.563	0.655	0.627		0.604	8.94
9) chloromethan	0.856	0.862	0.843	0.775	0.751	0.815	0.785	0.923	0.826	6.78
10) vinyl chlori	0.739	0.801	0.781	0.722	0.704	0.739	0.729		0.745	4.58
11) bromomethane	0.492	0.539	0.486	0.486	0.484		0.503		0.498	4.19
12) chloroethane	0.332	0.437	0.434	0.408	0.402	0.383	0.404		0.400	8.86
13) trichloroflu		0.799	0.805	0.749	0.733	0.766	0.768		0.770	3.60
14) Pentane	0.429	0.490	0.593	0.565	0.556	0.549	0.590		0.539	10.98
15) ethyl ether		0.221	0.334	0.309	0.290	0.316	0.282		0.292	13.58
16) freon 123a									0.000#	-1.00
17) FREON 123									0.000#	-1.00
18) acrolein	0.112	0.093		0.107	0.099		0.100	0.111	0.104	7.18
19) 1,1-dichloro	0.386	0.462	0.521	0.482	0.473	0.491	0.477		0.470	8.80
20) acetone			0.154	0.146	0.133	0.144	0.110		0.137	12.33
21) allyl chlori		0.293	0.354	0.331	0.319	0.329	0.312		0.323	6.34
22) acetonitrile		0.049	0.048	0.045	0.046	0.045	0.048		0.047	3.91
23) iodomethane	0.835	0.930	1.045	0.944	0.918	0.982	0.938		0.942	6.78
24) iso-butyl al			0.018	0.017	0.017	0.016	0.015		0.017	6.10
25) carbon disul	1.751	1.854	1.964	1.818	1.762	1.822	1.852	1.635	1.807	5.28
26) methylene ch	0.542	0.579	0.618	0.575	0.562	0.579	0.581	0.448	0.560	8.91
27) methyl aceta			0.418	0.378	0.393	0.399	0.387		0.395	3.89
28) methyl tert	1.401	1.579	1.697	1.569	1.512	1.571	1.566	1.269	1.521	8.57
29) trans-1,2-di	0.525	0.554	0.579	0.546	0.542	0.535	0.558		0.549	3.22
30) di-isopropyl		1.551	1.853	1.706	1.693	1.729	1.721		1.709	5.65
31) 2-butanone			0.064	0.057	0.053	0.061	0.023		0.052	32.35
----- Linear regression ----- Coefficient = 0.9985										
Response Ratio = -0.00316 + 0.06250 *A										
32) 1,1-dichloro	0.882	0.975	1.070	1.002	0.986	0.990	0.995	0.725	0.953	11.07
33) chloroprene		0.533	0.691	0.636	0.634	0.651	0.626		0.628	8.33
34) acrylonitril	0.138	0.169	0.213	0.195	0.190	0.198	0.187		0.184	13.21
35) vinyl acetat			0.094	0.083	0.075	0.091	0.033		0.075	32.98
----- Linear regression ----- Coefficient = 0.9989										
Response Ratio = -0.00637 + 0.09359 *A										
36) ethyl tert-b		1.528	1.853	1.694	1.664	1.747	1.686		1.695	6.29
37) ethyl acetat			0.080	0.072	0.066	0.075	0.042		0.067	22.37
----- Linear regression ----- Coefficient = 0.9986										
Response Ratio = -0.00372 + 0.07732 *A										

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3607-ICC3607
Lab FileID: 3A83950.D

38)	2,2-dichloro		0.780	0.794	0.752	0.747	0.730	0.783		0.764	3.27
39)	cis-1,2-dich	0.548	0.573	0.641	0.594	0.589	0.592	0.594		0.590	4.71
40)	methylacryla			0.084	0.076	0.068	0.080	0.024		0.067	37.18
	----- Linear regression ----- Coefficient = 0.9986										
	Response Ratio = -0.00420 + 0.08225 *A										
41)	propionitril		0.061	0.077	0.071	0.070	0.073	0.068		0.070	7.76
42)	bromochlorom		0.272	0.321	0.299	0.285	0.300	0.284		0.294	5.83
43)	tetrahydrofu		0.137	0.186	0.173	0.171	0.174	0.177		0.170	9.83
44)	chloroform	0.531	0.579	0.642	0.594	0.588	0.595	0.606		0.591	5.63
45)	t-butyl form		0.440	0.583	0.535	0.530	0.550	0.514		0.525	9.12
46)	dibromofluor		0.654	0.553	0.517	0.490	0.534	0.600		0.558	10.70
47)	1,2-dichloro			0.628	0.621	0.568	0.604	0.716		0.627	8.72
48)	freon 113			0.361	0.335	0.331	0.345	0.325		0.340	4.12
49)	methacryloni		0.263	0.331	0.303	0.286	0.317	0.307		0.301	7.91
50)	1,1,1-trichl	0.705	0.776	0.837	0.774	0.756	0.795	0.777	0.533	0.744	12.48
51)	Cyclohexane	0.609	0.740	0.803	0.782	0.773	0.758	0.798		0.752	8.86
52)	I 1,4-difluorobenzene					----------ISTD----------					
53)	epichlorohyd		0.024	0.036	0.034	0.033	0.034	0.032		0.032	12.90
54)	n-butyl alco			0.010	0.009	0.009	0.010	0.008		0.009#	8.49
55)	carbon tetra	0.361	0.431	0.471	0.442	0.441	0.435	0.451		0.433	7.97
56)	1,1-dichloro	0.423	0.481	0.522	0.486	0.490	0.482	0.494	0.328	0.463	13.22
57)	hexane	0.261	0.312	0.391	0.368	0.374	0.362	0.380		0.350	13.32
58)	2,2,4-TRIMET	0.891	1.003	1.150	1.090	1.105	1.041	1.206		1.069	9.66
59)	benzene	1.442	1.505	1.509	1.433	1.437	1.348	1.486	1.461	1.453	3.57
60)	tert-amyl me		0.208	0.253	0.236	0.242	0.230	0.235		0.234	6.49
61)	heptane			0.230	0.216	0.224	0.214	0.226		0.222	2.94
62)	isopropyl ac			0.681	0.625	0.626	0.639	0.658		0.646	3.65
63)	1,2-dichloro	0.400	0.459	0.492	0.461	0.464	0.443	0.480	0.323	0.440	12.44
64)	trichloroeth	0.331	0.371	0.401	0.368	0.368	0.376	0.362	0.232	0.351	14.73
65)	methyl metha		0.740	0.834	0.780	0.783	0.763	0.781		0.780	4.00
66)	2-nitropropa									0.000#	-1.00
67)	2-chloroethy	0.196	0.200	0.251	0.233	0.235	0.227	0.227	0.182	0.219	10.77
68)	1,2-dichloro	0.342	0.371	0.412	0.387	0.385	0.376	0.386		0.380	5.58
69)	dibromometha	0.159	0.218	0.248	0.229	0.227	0.228	0.228		0.220	12.79
70)	methylcycloh	0.413	0.471	0.586	0.549	0.548	0.541	0.563		0.524	11.57
71)	bromodichlor	0.419	0.473	0.526	0.484	0.471	0.489	0.478	0.371	0.464	10.27
72)	cis-1,3-dich	0.516	0.616	0.684	0.628	0.610	0.628	0.616	0.486	0.598	10.84
73)	toluene-d8 (			1.420	1.330	1.287	1.302	1.578		1.384	8.70
74)	4-methyl-2-p			0.144	0.133	0.133	0.135	0.123		0.133	5.57
75)	toluene	0.823	0.916	0.953	0.894	0.885	0.867	0.902	0.840	0.885	4.72
76)	3-methyl-1-b		0.010	0.015	0.014	0.014	0.014	0.012		0.013	14.73
77)	trans-1,3-di	0.467	0.539	0.606	0.561	0.546	0.556	0.557	0.458	0.536	9.30
78)	ethyl methac	0.348	0.410	0.488	0.445	0.436	0.452	0.422		0.429	10.15
79)	1,1,2-trichl	0.237	0.272	0.300	0.278	0.277	0.281	0.281		0.275	6.85
80)	2-hexanone			0.129	0.118	0.124	0.121	0.101		0.118	9.05
81)	I chlorobenzene-d5					----------ISTD----------					
82)	tetrachloroe	0.281	0.333	0.352	0.339	0.343	0.327	0.333	0.240	0.318	12.00
83)	1,3-dichloro	0.512	0.595	0.610	0.586	0.579	0.558	0.607	0.483	0.566	8.12
84)	butyl acetat		0.167	0.236	0.225	0.229	0.228	0.221		0.218	11.56
85)	3,3-dimethyl		0.026	0.033	0.030	0.031	0.033	0.030		0.030	9.30
86)	dibromochlor	0.341	0.392	0.437	0.408	0.399	0.414	0.408	0.271	0.384	13.82
87)	1,2-dibromoe	0.324	0.359	0.384	0.364	0.357	0.363	0.369	0.248	0.346	12.40
88)	chlorobenzen	1.062	1.152	1.165	1.109	1.079	1.084	1.127	1.059	1.105	3.64
89)	1,1,1,2-tetr	0.353	0.398	0.408	0.396	0.392	0.374	0.397	0.301	0.377	9.40
90)	ethylbenzene	1.812	1.892	1.856	1.808	1.793	1.699	1.870	1.711	1.805	3.90
91)	m,p-xylene	0.679	0.745	0.711	0.699	0.702	0.637	0.723		0.699	4.93

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3607-ICC3607
Lab FileID: 3A83950.D

92)	o-xylene	0.632	0.742	0.749	0.718	0.711	0.684	0.746	0.600	0.698	7.93
93)	styrene	1.127	1.187	1.246	1.200	1.183	1.125	1.205	1.065	1.167	4.93
94)	bromoform	0.223	0.262	0.310	0.287	0.281	0.296	0.286		0.278	10.16
95)	I 1,4-dichlorobenzene-d	ISTD									
96)	isopropylben	3.410	3.540	3.800	3.641	3.572	3.581	3.582	3.194	3.540	4.99
97)	4-bromofluor			1.125	1.064	1.013	1.103	1.251		1.111	7.98
98)	cyclohexanon		0.018	0.027	0.020	0.020	0.017	0.021		0.020	17.39
	----- Quadratic regression -----								Coefficient =		0.9764
	Response Ratio = -0.02980 + 0.03349 *A + -0.00040 *A^2										
99)	bromobenzene	0.846	0.913	0.971	0.934	0.917	0.912	0.963	0.725	0.898	8.85
100)	1,1,2,2-tetr	0.836	0.933	0.983	0.923	0.903	0.939	0.952	0.789	0.907	7.06
101)	trans-1,4-di			0.247	0.231	0.219	0.242	0.204		0.229	7.71
102)	1,2,3-trichl		0.219	0.255	0.245	0.244	0.243	0.235		0.240	5.06
103)	n-propylbenz	0.882	0.949	1.020	0.985	0.975	0.960	0.972	0.752	0.937	9.00
104)	2-chlorotolu	0.832	0.903	0.917	0.877	0.881	0.849	0.894	0.744	0.862	6.41
105)	4-chlorotolu	0.868	0.902	0.952	0.903	0.906	0.916	0.914	0.785	0.893	5.51
106)	1,3,5-trimet	2.797	3.001	3.153	3.009	2.957	2.953	2.952	2.819	2.955	3.79
107)	tert-butylbe	2.452	2.571	2.818	2.644	2.590	2.678	2.590	2.380	2.590	5.19
108)	pentachloroe	0.467	0.530	0.606	0.574	0.553	0.589	0.579		0.557	8.36
109)	1,2,4-trimet	3.026	3.037	3.235	3.073	3.035	3.018	3.088	3.024	3.067	2.36
110)	sec-butylben	3.810	3.946	4.159	3.971	3.907	3.926	3.987	3.802	3.938	2.85
111)	1,3-dichloro	1.807	1.924	1.922	1.828	1.774	1.835	1.875	1.708	1.834	4.00
112)	p-isopropylt	3.120	3.230	3.482	3.316	3.263	3.272	3.318	3.150	3.269	3.43
113)	1,4-dichloro	1.866	1.951	1.962	1.847	1.816	1.852	1.883	1.866	1.880	2.71
114)	1,2-dichloro	1.744	1.814	1.936	1.834	1.782	1.823	1.829	1.763	1.816	3.24
115)	benzyl chlor	1.648	1.582	1.900	1.777	1.771	1.824	1.761	1.722	1.748	5.67
116)	n-butylbenze	1.663	1.690	1.853	1.759	1.717	1.769	1.759	1.640	1.731	3.96
117)	1,2-dibromo-			0.190	0.176	0.165	0.186	0.158		0.175	7.72
118)	1,3,5-TRICHL	1.438	1.519	1.672	1.584	1.522	1.554	1.529	1.559	1.547	4.28
119)	1,2,4-trichl	1.318	1.343	1.575	1.481	1.409	1.455	1.356	1.454	1.424	5.96
120)	hexachlorobu	0.655	0.682	0.730	0.696	0.685	0.694	0.691		0.690	3.23
121)	naphthalene	2.716	2.757	3.269	3.061	2.928	3.018	2.845		2.942	6.54
122)	1,2,3-trichl	1.135	1.181	1.372	1.289	1.239	1.279	1.215		1.244	6.27
123)	hexachloroet	0.416	0.495	0.615	0.572	0.554	0.595	0.525		0.539	12.53

(#) = Out of Range ### Number of calibration levels exceeded format ###

M3A3607.M Fri Oct 08 11:12:04 2010 MS3A

5.7.1
5

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3608-ICV3607
Lab FileID: 3A83959.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3A83959.D Vial: 5
Acq On : 8 Oct 2010 10:59 am Operator: HennyS
Sample : icv3607-50 Inst : MS3A
Misc : MS2813,V3A3608,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 11:10:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	109	0.00	8.07
2	M	tertiary butyl alcohol	1.027	1.010	1.7	103	0.00	8.21
3	M	1,4-dioxane	0.097	0.083	14.4	88	0.00	12.22
4	I	pentafluorobenzene	1.000	1.000	0.0	115	0.00	10.52
5		freon 115		----------NA----------				
6		freon 152a		----------NA----------				
7	M	chlorodifluoromethane	0.482	0.535	-11.0	126	0.00	4.25
8	M	dichlorodifluoromethane	0.604	0.590	2.3	109	0.00	4.23
9	M	chloromethane	0.826	0.709	14.2	105	-0.01	4.61
10	M	vinyl chloride	0.745	0.683	8.3	109	0.00	4.90
11	M	bromomethane	0.498	0.454	8.8	107	0.00	5.63
12	M	chloroethane	0.400	0.377	5.8	106	0.00	5.84
13	M	trichlorofluoromethane	0.770	0.719	6.6	110	0.00	6.35
14	M	Pentane	0.539	0.609	-13.0	124	0.00	6.44
15	M	ethyl ether	0.292	0.274	6.2	102	-0.01	6.82
16		freon 123a		----------NA----------				
17		FREON 123		----------NA----------				
18	M	acrolein	0.104	0.098	5.8	106	0.00	7.11
19	M	1,1-dichloroethene	0.470	0.432	8.1	103	0.00	7.29
20	M	acetone	0.137	0.130	5.1	102	0.00	7.38
21	M	allyl chloride	0.323	0.292	9.6	101	0.00	7.91
22	M	acetonitrile	0.047	0.041	12.8	103	0.00	7.88
23	M	iodomethane	0.942	0.860	8.7	105	0.00	7.61
24	M	iso-butyl alcohol	0.017	0.015	11.8	102	0.00	11.09
25	M	carbon disulfide	1.807	1.625	10.1	103	0.00	7.75
26	M	methylene chloride	0.560	0.500	10.7	100	0.00	8.12
27	M	methyl acetate	0.395	0.365	7.6	111	0.00	7.89
28	M	methyl tert butyl ether	1.521	1.408	7.4	103	0.00	8.48
29	M	trans-1,2-dichloroethene	0.549	0.485	11.7	102	0.00	8.54
30	M	di-isopropyl ether	1.709	1.562	8.6	105	0.00	9.14
		----------	True	Calc.	% Drift	----------		
31	M	2-butanone	50.000	44.668	10.7	106	0.00	9.92
		----------	AvgRF	CCRF	% Dev	----------		
32	M	1,1-dichloroethane	0.953	0.868	8.9	99	0.00	9.16
33	M	chloroprene	0.628	0.598	4.8	108	0.00	9.28
34	M	acrylonitrile	0.184	0.174	5.4	102	0.00	8.48
		----------	True	Calc.	% Drift	----------		
35	M	vinyl acetate	50.000	46.749	6.5	113	0.00	9.15

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3608-ICV3607
Lab FileID: 3A83959.D

			AvgRF	CCRF	% Dev			
36	M	ethyl tert-butyl ether	1.695	1.567	7.6	106	0.00	9.65
			True	Calc.	% Drift			
37	M	ethyl acetate	50.000	44.714	10.6	105	0.00	9.94
			AvgRF	CCRF	% Dev			
38	M	2,2-dichloropropane	0.764	0.731	4.3	112	0.00	9.96
39	M	cis-1,2-dichloroethene	0.590	0.523	11.4	101	0.00	9.96
			True	Calc.	% Drift			
40		methylacrylate	50.000	44.867	10.3	105	0.00	10.03
			AvgRF	CCRF	% Dev			
41	M	propionitrile	0.070	0.063	10.0	101	0.00	10.03
42	M	bromochloromethane	0.294	0.265	9.9	102	0.00	10.30
43	M	tetrahydrofuran	0.170	0.154	9.4	102	0.00	10.33
44	M	chloroform	0.591	0.528	10.7	102	0.00	10.36
45		t-butyl formate	0.525	0.508	3.2	109	0.00	10.39
46	S	dibromofluoromethane (s)	0.558	0.467	16.3	104	0.00	10.57
47	S	1,2-dichloroethane-d4 (s)	0.627	0.548	12.6	101	0.00	11.01
48	M	freon 113	0.340	0.344	-1.2	118	0.00	7.27
49	M	methacrylonitrile	0.301	0.269	10.6	102	0.00	10.22
50	M	1,1,1-trichloroethane	0.744	0.701	5.8	104	0.00	10.62
51	M	Cyclohexane	0.752	0.684	9.0	100	0.00	10.70
52	I	1,4-difluorobenzene	1.000	1.000	0.0	110	0.00	11.47
53	M	epichlorohydrin	0.032	0.033	-3.1	107	0.00	12.78
54	M	n-butyl alcohol	0.009	0.008#	11.1	95	0.00	11.60
55	M	carbon tetrachloride	0.433	0.429	0.9	107	0.00	10.84
56	M	1,1-dichloropropene	0.463	0.455	1.7	103	0.00	10.81
57	M	hexane	0.350	0.379	-8.3	113	0.00	8.87
58		2,2,4-TRIMETHYLPENTANE	1.069	1.098	-2.7	111	0.00	11.08
59	M	benzene	1.453	1.312	9.7	101	0.00	11.08
60	M	tert-amyl methyl ether	0.234	0.233	0.4	108	0.00	11.12
61	M	heptane	0.222	0.216	2.7	110	0.01	11.27
62	M	isopropyl acetate	0.646	0.599	7.3	105	0.00	11.01
63	M	1,2-dichloroethane	0.440	0.429	2.5	102	0.00	11.09
64	M	trichloroethene	0.351	0.345	1.7	103	0.00	11.83
65	M	methyl methacrylate	0.780	0.723	7.3	102	0.00	12.11
66	M	2-nitropropane	0.000	0.000#	0.0	97	0.00	13.01
67	M	2-chloroethyl vinyl ether	0.219	0.225	-2.7	106	0.00	12.65
68	M	1,2-dichloropropane	0.380	0.349	8.2	99	0.00	12.10
69	M	dibromomethane	0.220	0.212	3.6	102	0.00	12.27
70	M	methylcyclohexane	0.524	0.532	-1.5	107	0.00	12.06
71	M	bromodichloromethane	0.464	0.441	5.0	100	0.00	12.41
72	M	cis-1,3-dichloropropene	0.598	0.580	3.0	102	0.00	12.89
73	S	toluene-d8 (s)	1.384	1.283	7.3	106	0.00	13.20
74	M	4-methyl-2-pentanone	0.133	0.123	7.5	102	0.00	12.99
75	M	toluene	0.885	0.830	6.2	102	0.00	13.28
76	M	3-methyl-1-butanol	0.013	0.012	7.7	99	0.00	13.01
77	M	trans-1,3-dichloropropene	0.536	0.520	3.0	102	0.00	13.48
78	M	ethyl methacrylate	0.429	0.411	4.2	102	0.00	13.47
79	M	1,1,2-trichloroethane	0.275	0.256	6.9	101	0.00	13.71
80	M	2-hexanone	0.118	0.111	5.9	103	0.00	13.89
81	I	chlorobenzene-d5	1.000	1.000	0.0	110	0.00	14.81
82	M	tetrachloroethene	0.318	0.323	-1.6	105	0.00	13.90
83	M	1,3-dichloropropane	0.566	0.532	6.0	100	0.00	13.90

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3608-ICV3607
Lab FileID: 3A83959.D

84	M	butyl acetate	0.218	0.214	1.8	105	0.00	13.97
85		3,3-dimethyl-1-butanol	0.030	0.028	6.7	102	0.00	14.07
86	M	dibromochloromethane	0.384	0.385	-0.3	104	0.00	14.19
87	M	1,2-dibromoethane	0.346	0.341	1.4	103	0.00	14.35
88	M	chlorobenzene	1.105	1.024	7.3	102	0.00	14.84
89	M	1,1,1,2-tetrachloroethane	0.377	0.367	2.7	102	0.00	14.91
90	M	ethylbenzene	1.805	1.681	6.9	102	0.00	14.90
91	M	m,p-xylene	0.699	0.651	6.9	103	0.00	15.02
92	M	o-xylene	0.698	0.672	3.7	103	0.00	15.46
93	M	styrene	1.167	1.117	4.3	103	0.00	15.47
94	M	bromoform	0.278	0.277	0.4	106	0.00	15.76
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	109	0.00	17.29
96	M	isopropylbenzene	3.540	3.486	1.5	104	0.00	15.82
97	S	4-bromofluorobenzene (s)	1.111	1.018	8.4	104	0.00	16.04
			True	Calc.	% Drift			
98		cyclohexanone	500.000	525.989	-5.2	155	0.00	16.01
			AvgRF	CCRF	% Dev			
99	M	bromobenzene	0.898	0.885	1.4	103	0.00	16.26
100	M	1,1,2,2-tetrachloroethane	0.907	0.871	4.0	103	0.00	16.15
101	M	trans-1,4-dichloro-2-bute	0.229	0.228	0.4	108	0.00	16.19
102	M	1,2,3-trichloropropane	0.240	0.236	1.7	105	0.00	16.23
103	M	n-propylbenzene	0.937	0.942	-0.5	104	0.00	16.26
104	M	2-chlorotoluene	0.862	0.830	3.7	103	0.00	16.42
105	M	4-chlorotoluene	0.893	0.860	3.7	104	0.00	16.53
106	M	1,3,5-trimethylbenzene	2.955	2.853	3.5	103	0.00	16.42
107	M	tert-butylbenzene	2.590	2.519	2.7	104	0.00	16.79
108	M	pentachloroethane	0.557	0.546	2.0	104	0.00	16.89
109	M	1,2,4-trimethylbenzene	3.067	2.945	4.0	105	0.00	16.84
110	M	sec-butylbenzene	3.938	3.790	3.8	104	0.00	17.02
111	M	1,3-dichlorobenzene	1.834	1.729	5.7	103	0.00	17.23
112	M	p-isopropyltoluene	3.269	3.174	2.9	104	0.00	17.15
113	M	1,4-dichlorobenzene	1.880	1.764	6.2	104	0.00	17.32
114	M	1,2-dichlorobenzene	1.816	1.728	4.8	103	0.00	17.75
115	M	benzyl chloride	1.748	1.997	-14.2	123	0.00	17.44
116	M	n-butylbenzene	1.731	1.699	1.8	105	0.00	17.59
117	M	1,2-dibromo-3-chloropropa	0.175	0.171	2.3	106	0.00	18.59
118		1,3,5-TRICHLOROBENZENE	1.547	1.533	0.9	106	0.00	18.79
119	M	1,2,4-trichlorobenzene	1.424	1.413	0.8	104	0.00	19.48
120	M	hexachlorobutadiene	0.690	0.701	-1.6	110	0.00	19.59
121	M	naphthalene	2.942	2.949	-0.2	105	0.00	19.79
122	M	1,2,3-trichlorobenzene	1.244	1.224	1.6	104	0.00	20.05
123	M	hexachloroethane	0.539	0.561	-4.1	107	0.00	18.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3A83950.D M3A3607.M Fri Oct 08 11:59:20 2010 MS3A

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3693-CC3607
Lab FileID: 3A85995.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\3a...\v3a3693-94\3A85995.D Vial: 3
Acq On : 30 Nov 2010 9:32 am Operator: HennyS
Sample : cc3607-20 Inst : MS3A
Misc : MS5211,V3A3693,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 11:10:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	80	0.00	8.08
2	M	tertiary butyl alcohol	1.027	1.072	-4.4	92	0.01	8.22
3	M	1,4-dioxane	0.097	0.085	12.4	76	0.00	12.22
4	I	pentafluorobenzene	1.000	1.000	0.0	105	0.00	10.51
5		freon 115		----------NA----------				
6		freon 152a		----------NA----------				
7	M	chlorodifluoromethane	0.482	0.457	5.2	101	0.02	4.27
8	M	dichlorodifluoromethane	0.604	0.641	-6.1	119	0.02	4.24
9	M	chloromethane	0.826	0.900	-9.0	126	0.03	4.65
10	M	vinyl chloride	0.745	0.733	1.6	109	0.02	4.92
11	M	bromomethane	0.498	0.482	3.2	105	0.03	5.66
12	M	chloroethane	0.400	0.423	-5.7	111	0.02	5.85
13	M	trichlorofluoromethane	0.770	0.706	8.3	101	0.03	6.37
14	M	Pentane	0.539	0.827	-53.4#	156	0.01	6.45
15	M	ethyl ether	0.292	0.300	-2.7	109	0.00	6.83
16		freon 123a		----------NA----------				
17		FREON 123		----------NA----------				
18	M	acrolein	0.104	0.115	-10.6	121	0.00	7.10
19	M	1,1-dichloroethene	0.470	0.500	-6.4	111	0.00	7.30
20	M	acetone	0.137	0.130	5.1	103	0.01	7.39
21	M	allyl chloride	0.323	0.331	-2.5	109	0.00	7.90
22	M	acetonitrile	0.047	0.038	19.1	88	-0.01	7.87
23	M	iodomethane	0.942	0.977	-3.7	112	0.00	7.61
24	M	iso-butyl alcohol	0.017	0.017	0.0	104	0.00	11.08
25	M	carbon disulfide	1.807	1.940	-7.4	116	0.00	7.75
26	M	methylene chloride	0.560	0.585	-4.5	109	0.00	8.12
27	M	methyl acetate	0.395	0.368	6.8	98	0.00	7.89
28	M	methyl tert butyl ether	1.521	1.552	-2.0	108	0.00	8.48
29	M	trans-1,2-dichloroethene	0.549	0.549	0.0	106	0.00	8.54
30	M	di-isopropyl ether	1.709	1.694	0.9	105	0.00	9.14
		----------	True	Calc.	% Drift	----------		
31	M	2-butanone	20.000	19.390	3.0	105	0.00	9.93
		----------	AvgRF	CCRF	% Dev	----------		
32	M	1,1-dichloroethane	0.953	0.990	-3.9	105	0.00	9.16
33	M	chloroprene	0.628	0.671	-6.8	111	0.00	9.28
34	M	acrylonitrile	0.184	0.193	-4.9	107	0.00	8.48
		----------	True	Calc.	% Drift	----------		
35	M	vinyl acetate	20.000	20.332	-1.7	111	0.01	9.15

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: V3A3693-CC3607
Lab FileID: 3A85995.D

			AvgRF	CCRF	% Dev			
36	M	ethyl tert-butyl ether	1.695	1.678	1.0	106	0.00	9.65
			True	Calc.	% Drift			
37	M	ethyl acetate	20.000	18.820	5.9	101	0.00	9.95
			AvgRF	CCRF	% Dev			
38	M	2,2-dichloropropane	0.764	0.804	-5.2	113	0.00	9.96
39	M	cis-1,2-dichloroethene	0.590	0.588	0.3	105	0.00	9.96
			True	Calc.	% Drift			
40		methylacrylate	20.000	19.351	3.2	106	0.00	10.04
			AvgRF	CCRF	% Dev			
41	M	propionitrile	0.070	0.071	-1.4	106	0.00	10.03
42	M	bromochloromethane	0.294	0.297	-1.0	109	0.00	10.29
43	M	tetrahydrofuran	0.170	0.165	2.9	101	0.00	10.33
44	M	chloroform	0.591	0.583	1.4	104	0.00	10.36
45		t-butyl formate	0.525	0.520	1.0	103	0.00	10.38
46	S	dibromofluoromethane (s)	0.558	0.505	9.5	108	0.00	10.56
47	S	1,2-dichloroethane-d4 (s)	0.627	0.559	10.8	103	0.00	11.00
48	M	freon 113	0.340	0.351	-3.2	111	0.02	7.28
49	M	methacrylonitrile	0.301	0.291	3.3	107	0.00	10.22
50	M	1,1,1-trichloroethane	0.744	0.769	-3.4	107	0.00	10.61
51	M	Cyclohexane	0.752	0.743	1.2	101	0.00	10.69
52	I	1,4-difluorobenzene	1.000	1.000	0.0	102	0.00	11.47
53	M	epichlorohydrin	0.032	0.036	-12.5	110	0.00	12.78
54	M	n-butyl alcohol	0.009	0.008#	11.1	92	0.00	11.60
55	M	carbon tetrachloride	0.433	0.463	-6.9	107	0.00	10.84
56	M	1,1-dichloropropene	0.463	0.499	-7.8	104	0.00	10.81
57	M	hexane	0.350	0.435	-24.3#	118	0.00	8.87
58		2,2,4-TRIMETHYLPENTANE	1.069	1.166	-9.1	108	0.00	11.08
59	M	benzene	1.453	1.484	-2.1	105	0.00	11.08
60	M	tert-amyl methyl ether	0.234	0.246	-5.1	104	0.00	11.12
61	M	heptane	0.222	0.235	-5.9	107	0.00	11.26
62	M	isopropyl acetate	0.646	0.628	2.8	102	0.00	11.01
63	M	1,2-dichloroethane	0.440	0.449	-2.0	99	0.00	11.09
64	M	trichloroethene	0.351	0.392	-11.7	109	0.00	11.83
65	M	methyl methacrylate	0.780	0.821	-5.3	107	0.00	12.10
66	M	2-nitropropane	0.000	0.000#	0.0	95	0.00	13.01
67	M	2-chloroethyl vinyl ether	0.219	0.270	-23.3#	117	0.00	12.65
68	M	1,2-dichloropropane	0.380	0.426	-12.1	113	0.00	12.10
69	M	dibromomethane	0.220	0.250	-13.6	113	0.00	12.27
70	M	methylcyclohexane	0.524	0.595	-13.5	111	0.00	12.06
71	M	bromodichloromethane	0.464	0.515	-11.0	112	0.00	12.41
72	M	cis-1,3-dichloropropene	0.598	0.679	-13.5	114	0.00	12.89
73	S	toluene-d8 (s)	1.384	1.393	-0.7	110	0.00	13.19
74	M	4-methyl-2-pentanone	0.133	0.140	-5.3	108	0.00	12.98
75	M	toluene	0.885	0.919	-3.8	106	0.00	13.27
76	M	3-methyl-1-butanol	0.013	0.013	0.0	96	0.00	13.01
77	M	trans-1,3-dichloropropene	0.536	0.577	-7.6	108	0.00	13.48
78	M	ethyl methacrylate	0.429	0.448	-4.4	105	0.00	13.47
79	M	1,1,2-trichloroethane	0.275	0.287	-4.4	106	0.00	13.71
80	M	2-hexanone	0.118	0.137	-16.1	112	0.00	13.89
81	I	chlorobenzene-d5	1.000	1.000	0.0	104	0.00	14.81
82	M	tetrachloroethene	0.318	0.355	-11.6	107	0.00	13.90
83	M	1,3-dichloropropane	0.566	0.597	-5.5	107	0.00	13.90

Continuing Calibration Summary

Job Number: JA62028 **Sample:** V3A3693-CC3607
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 3A85995.D
Project: 525 West 52nd Street, New York, NY

84	M	butyl acetate	0.218	0.239	-9.6	108	0.00	13.97
85		3,3-dimethyl-1-butanol	0.030	0.028	6.7	95	0.00	14.07
86	M	dibromochloromethane	0.384	0.422	-9.9	110	0.00	14.19
87	M	1,2-dibromoethane	0.346	0.372	-7.5	108	0.00	14.35
88	M	chlorobenzene	1.105	1.121	-1.4	108	0.00	14.84
89	M	1,1,1,2-tetrachloroethane	0.377	0.405	-7.4	107	0.00	14.91
90	M	ethylbenzene	1.805	1.855	-2.8	107	0.00	14.90
91	M	m,p-xylene	0.699	0.724	-3.6	107	0.00	15.01
92	M	o-xylene	0.698	0.736	-5.4	107	0.00	15.46
93	M	styrene	1.167	1.225	-5.0	107	0.00	15.47
94	M	bromoform	0.278	0.302	-8.6	112	0.00	15.76
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	103	0.00	17.29
96	M	isopropylbenzene	3.540	3.664	-3.5	105	0.00	15.82
97	S	4-bromofluorobenzene (s)	1.111	1.056	5.0	107	0.00	16.04
			True	Calc.	% Drift			
98		cyclohexanone	200.000	267.417	-33.7#	177	0.00	16.00
			AvgRF	CCRF	% Dev			
99	M	bromobenzene	0.898	0.999	-11.2	112	0.00	16.25
100	M	1,1,2,2-tetrachloroethane	0.907	0.962	-6.1	109	0.00	16.14
101	M	trans-1,4-dichloro-2-bute	0.229	0.182	20.5#	85	0.00	16.19
102	M	1,2,3-trichloropropane	0.240	0.247	-2.9	104	0.00	16.22
103	M	n-propylbenzene	0.937	1.003	-7.0	106	0.00	16.26
104	M	2-chlorotoluene	0.862	0.908	-5.3	106	0.00	16.42
105	M	4-chlorotoluene	0.893	0.929	-4.0	105	0.00	16.52
106	M	1,3,5-trimethylbenzene	2.955	3.058	-3.5	106	0.00	16.41
107	M	tert-butylbenzene	2.590	2.707	-4.5	107	0.00	16.79
108	M	pentachloroethane	0.557	0.609	-9.3	113	0.00	16.88
109	M	1,2,4-trimethylbenzene	3.067	3.142	-2.4	106	0.00	16.84
110	M	sec-butylbenzene	3.938	4.021	-2.1	106	0.00	17.01
111	M	1,3-dichlorobenzene	1.834	1.893	-3.2	110	0.00	17.23
112	M	p-isopropyltoluene	3.269	3.385	-3.5	107	0.00	17.14
113	M	1,4-dichlorobenzene	1.880	1.898	-1.0	107	0.00	17.32
114	M	1,2-dichlorobenzene	1.816	1.864	-2.6	107	0.00	17.74
115	M	benzyl chloride	1.748	1.991	-13.9	115	0.00	17.43
116	M	n-butylbenzene	1.731	1.762	-1.8	105	0.00	17.59
117	M	1,2-dibromo-3-chloropropa	0.175	0.164	6.3	102	0.00	18.58
118		1,3,5-TRICHLOROBENZENE	1.547	1.558	-0.7	105	0.00	18.79
119	M	1,2,4-trichlorobenzene	1.424	1.403	1.5	102	0.00	19.48
120	M	hexachlorobutadiene	0.690	0.750	-8.7	112	0.00	19.59
121	M	naphthalene	2.942	2.865	2.6	101	0.00	19.78
122	M	1,2,3-trichlorobenzene	1.244	1.213	2.5	101	0.00	20.05
123	M	hexachloroethane	0.539	0.601	-11.5	111	0.00	18.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3A83949.D M3A3607.M Wed Dec 01 09:37:54 2010 VOA-06

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-ICC4490
Lab FileID: Y105440.D

Response Factor Report MSY

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Calibration Files
1 =Y105437.D 10 =Y105434.D 100 =Y105441.D 50 =Y105440.D
20 =Y105439.D 200 =Y105442.D 5 =Y105435.D 2 =Y105436.D
0.5 =Y105438.D =

Compound	1	10	100	50	20	200	5	2	0.5	Avg	%RSD
1) I Tert Butyl Alcohol-d9	----------ISTD----------										
2) tertiary butyl alcohol											
	1.687	1.605	1.593	1.695	1.682	1.290				1.592	9.70
3) 1,4-dioxane											
	0.110	0.132	0.119	0.132	0.136	0.069				0.116	21.62
----- Linear regression ----- Coefficient = 0.9992											
Response Ratio = -0.02045 + 0.13743 *A											
4) I pentafluorobenzene	----------ISTD----------										
5) freon 115										0.000#	-1.00
6) freon 23										0.000#	-1.00
7) freon 143A										0.000#	-1.00
8) freon 152A										0.000#	-1.00
9) chlorotrifluoroethene										0.000#	-1.00
10) chlorodifluoromethane	0.783	0.965	0.800	0.802	0.765	0.737	0.643	0.689	0.760	0.772	11.61
11) dichlorodifluoromethane	0.966	1.075	0.955	1.017	0.936	0.936	0.789	0.897		0.946	8.87
12) chloromethane	1.128	1.109	0.988	1.029	0.992	0.969	0.868	1.036	1.101	1.024	8.01
13) freon 114										0.000#	-1.00
14) freon 142B										0.000#	-1.00
15) vinyl chloride	0.777	0.855	0.788	0.822	0.779	0.775	0.653	0.768	0.641	0.762	9.29
16) Acetaldehyde	0.024	0.024	0.023	0.022	0.020	0.030				0.024	14.33
17) bromomethane	0.558	0.491	0.511	0.497	0.450	0.455				0.494	8.05
18) chloroethane	0.456	0.507	0.480	0.492	0.472	0.480	0.408	0.444		0.467	6.64
19) Vinyl Bromide										0.000#	-1.00
20) trichlorofluoromethane	0.847	1.012	0.901	0.939	0.892	0.895	0.764	0.869		0.890	8.01
21) Pentane	1.379	1.299	1.361	1.367	1.324	1.161				1.315	6.17

Initial Calibration Summary

Job Number: JA62028 **Sample:** VY4490-ICC4490
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** Y105440.D
Project: 525 West 52nd Street, New York, NY


```
22)  ethyl ether
                0.365 0.348 0.355 0.330 0.334 0.294 0.334          0.337    6.79
23)  freon 141B
                                                                   0.000#  -1.00
24)  freon 123A
                                                                   0.000#  -1.00
25)  freon 123
                                                                   0.000#  -1.00
26)  acrolein
          0.094 0.093       0.104 0.094       0.074 0.084          0.090   11.61
27)  1,1-dichloroethene
          0.415 0.562 0.494 0.502 0.494 0.489 0.429 0.458          0.480    9.64
28)  acetone
                0.094 0.103 0.122 0.095 0.106                      0.104   11.04
29)  allyl chloride
                0.116 0.106 0.098 0.100 0.103 0.076                0.100   13.16
30)  acetonitrile
                0.031 0.045 0.046 0.037 0.041                      0.040   15.86
             ----- Linear regression -----  Coefficient =  0.9963
               Response Ratio = 0.00753 + 0.04183 *A

31)  iodomethane
          0.752 1.016 0.919 0.921 0.902 0.895 0.797 0.852          0.882    9.25
32)  iso-butyl alcohol
                                                                   0.000#  -1.00
33)  carbon disulfide
          1.565 1.982 1.759 1.790 1.736 1.746 1.518 1.664          1.720    8.33
34)  methylene chloride
          0.513 0.654 0.582 0.584 0.578 0.552 0.511 0.570 0.509    0.561    8.35
35)  methyl acetate
                0.292 0.404 0.403 0.366 0.398 0.233                0.349   20.40
             ----- Linear regression -----  Coefficient =  0.9997
               Response Ratio = -0.01270 + 0.40383 *A

36)  methyl tert butyl ether
          1.362 1.829 1.697 1.762 1.652 1.593 1.466 1.472          1.604   10.05
37)  trans-1,2-dichloroethene
          0.441 0.611 0.540 0.555 0.554 0.524 0.483 0.498          0.526    9.87
38)  di-isopropyl ether
                2.151 2.118 2.143 2.133 1.978 1.733 1.742          2.000    9.42
39)  2-butanone
                0.068 0.102 0.120 0.074 0.105                      0.094   23.14
             ----- Linear regression -----  Coefficient =  0.9962
               Response Ratio = -0.00404 + 0.10607 *A

40)  1,1-dichloroethane
          0.900 1.180 1.071 1.079 1.045 1.036 0.908 0.992          1.026    9.02
41)  chloroprene
                0.832 0.759 0.793 0.815 0.755 0.693 0.674          0.760    7.83
42)  acrylonitrile
                0.182 0.184 0.197 0.170 0.181                      0.183    5.16
43)  vinyl acetate
                0.020 0.098 0.096 0.060 0.096                      0.074   46.23
             ----- Linear regression -----  Coefficient =  0.9980
               Response Ratio = -0.01085 + 0.09961 *A

44)  ethyl tert-butyl ether
                2.038 2.001 2.015 1.977 1.868 1.708 1.617          1.889    8.80
45)  ethyl acetate
                0.042 0.079 0.084 0.062 0.080                      0.069   25.13
```

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-ICC4490
Lab FileID: Y105440.D


```
            ----- Linear regression -----  Coefficient =  0.9989
              Response Ratio = -0.00482 + 0.08145 *A

46)  2,2-dichloropropane
           0.820 0.981 0.860 0.882 0.868 0.841 0.764 0.823          0.855     7.32
47)  cis-1,2-dichloroethene
                 0.669 0.598 0.601 0.599 0.574 0.517 0.539          0.585     8.42
48)  propionitrile
                 0.069 0.073 0.077 0.066 0.072 0.051                0.068    13.55
49)  bromochloromethane
                 0.303 0.282 0.282 0.269 0.267 0.239 0.231          0.268     9.44
50)  tetrahydrofuran
                 0.159 0.187 0.205 0.169 0.186                      0.181     9.78
51)  chloroform
           0.847 1.076 0.954 0.965 0.968 0.910 0.842 0.915 0.777    0.917     9.57
52)  tert-butyl formate
                 0.483 0.473 0.502 0.462 0.451 0.392                0.461     8.21
53)  dibromofluoromethane (s)
           0.438 0.546 0.501 0.508 0.506 0.486 0.456 0.439 0.440    0.480     8.03
54)  1,2-dichloroethane-d4 (s)
           0.537 0.679 0.586 0.613 0.608 0.564 0.589 0.541          0.590     7.76
55)  freon 113
                 0.464 0.444 0.463 0.454 0.441 0.352                0.436     9.73
56)  methacrylonitrile
                 0.150 0.200 0.200 0.155 0.200                      0.181    14.47
57)  1,1,1-trichloroethane
           0.727 0.951 0.824 0.836 0.827 0.815 0.745 0.859          0.823     8.36
58)  Cyclohexane
                 1.129 0.880 0.911 0.943 0.865 1.058                0.964    10.99

59) I   1,4-difluorobenzene   ----------------ISTD---------------------
60)  epichlorohydrin
                 0.034 0.038 0.039 0.037 0.036                      0.037     4.77
61)  n-butyl alcohol
                 0.019 0.017 0.017 0.017 0.017 0.014 0.017          0.017     9.50
62)  carbon tetrachloride
           0.589 0.591 0.497 0.512 0.513 0.486 0.478 0.555          0.528     8.49
63)  1,1-dichloropropene
           0.493 0.605 0.530 0.540 0.530 0.518 0.493 0.575          0.535     7.19
64)  hexane
                 0.103 0.106 0.110 0.107 0.104 0.081                0.102    10.22
65)  Tert Amyl Alcohol
                                                                    0.000#   -1.00
66)  benzene
           1.358 1.767 1.556 1.577 1.613 1.462 1.410 1.546          1.536     8.33
67)  2,2,4-trimethylpentane
           1.473 1.753 1.649 1.747 1.785 1.573 1.461 1.393          1.604     9.44
68)  tert-amyl methyl ether
           1.047 1.288 1.159 1.208 1.186 1.083 1.012 1.069 0.964    1.113     9.33
69)  heptane
                 0.378 0.346 0.358 0.366 0.342 0.317                0.351     6.02
70)  isopropyl acetate
                 0.192 0.195 0.205 0.205 0.192 0.153                0.190    10.17
71)  1,2-dichloroethane
           0.360 0.548 0.487 0.508 0.509 0.452 0.445 0.438          0.468    12.37
72)  Di-isobutylene
                                                                    0.000#   -1.00
73)  trichloroethene
           0.306 0.437 0.389 0.394 0.399 0.375 0.353 0.385          0.380    10.03
74)  Tert Amyl Ethyl Ether
```

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-ICC4490
Lab FileID: Y105440.D

```
                                                                    0.000#  -1.00
75)  2-nitropropane
               0.090 0.093 0.098 0.081 0.097 0.082                  0.090    8.20
76)  2-chloroethyl vinyl ether
               0.171 0.191 0.200 0.175 0.189 0.136                  0.177   12.86
77)  ethyl acrylate
         0.554 0.617 0.592 0.624 0.631 0.576 0.582 0.519            0.587    6.46
78)  methyl methacrylate
               0.265 0.276 0.291 0.241 0.266 0.216                  0.259   10.34
79)  1,2-dichloropropane
         0.330 0.463 0.430 0.435 0.438 0.399 0.385 0.390            0.409   10.20
80)  dibromomethane
               0.229 0.214 0.218 0.215 0.201 0.189 0.176            0.206    8.99
81)  methylcyclohexane
               0.765 0.726 0.756 0.769 0.707 0.639 0.587            0.707    9.82
82)  bromodichloromethane
         0.428 0.571 0.521 0.522 0.513 0.493 0.470 0.473            0.499    8.65
83)  cis-1,3-dichloropropene
               0.771 0.706 0.707 0.717 0.655 0.615 0.633            0.686    7.95
84)  toluene-d8 (s)
               1.585 1.406 1.466 1.469 1.336                        1.452    6.33
85)  4-methyl-2-pentanone
               0.132 0.160 0.163 0.131 0.152 0.137                  0.146    9.71
86)  toluene
         0.841 1.117 0.984 0.995 1.002 0.937 0.896 0.945            0.965    8.51
87)  3-methyl-1-butanol
               0.017 0.019 0.020 0.016 0.020 0.011 0.004            0.015   39.55
             ----- Linear regression -----  Coefficient =  0.9996
               Response Ratio = -0.01915 + 0.02034 *A

88)  trans-1,3-dichloropropene
               0.657 0.638 0.637 0.599 0.602 0.523 0.512            0.595    9.63
89)  ethyl methacrylate
               0.493 0.516 0.531 0.489 0.488 0.414                  0.489    8.27
90)  1,1,2-trichloroethane
               0.299 0.283 0.287 0.278 0.263 0.243 0.249            0.272    7.61
91)  2-hexanone
               0.257 0.218 0.252 0.220 0.221 0.178                  0.224   12.55

92) I   chlorobenzene-d5      ----------------ISTD--------------------
93)  tetrachloroethene
               0.450 0.385 0.398 0.410 0.379 0.363 0.373            0.394    7.43
94)  1,3-dichloropropane
         0.542 0.724 0.622 0.651 0.655 0.585 0.583 0.608            0.621    8.97
95)  butyl acetate
               0.209 0.262 0.277 0.223 0.269 0.130                  0.228   24.10
             ----- Linear regression -----  Coefficient =  0.9995
               Response Ratio = -0.01187 + 0.27154 *A

96)  3,3-dimethyl-1-butanol
         0.029 0.035 0.045 0.048 0.037 0.046 0.035 0.025            0.038   21.82
             ----- Linear regression -----  Coefficient =  0.9993
               Response Ratio = -0.01316 + 0.04634 *A

97)  dibromochloromethane
               0.464 0.412 0.427 0.413 0.392 0.376 0.351            0.405    9.03
98)  1,2-dibromoethane
         0.222 0.385 0.354 0.369 0.354 0.342 0.316 0.297            0.330   15.72
             ----- Linear regression -----  Coefficient =  0.9994
               Response Ratio = 0.00572 + 0.34348 *A
```

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-ICC4490
Lab FileID: Y105440.D

```
 99)  chlorobenzene
            1.123 1.392 1.214 1.238 1.260 1.167 1.110 1.212 1.033   1.194    8.63
100)  n-butyl ether
                  0.014 0.031 0.016 0.014 0.026                     0.020   38.33
               ----- Linear regression -----  Coefficient =  0.9789
                 Response Ratio = -0.00439 + 0.02786 *A

101)  1,1,1,2-tetrachloroethane
            0.374 0.504 0.430 0.444 0.448 0.410 0.411 0.432         0.432    8.72
102)  ethylbenzene
            1.871 2.357 1.984 2.056 2.128 1.923 1.889 2.048 1.768   2.003    8.61
103)  m,p-xylene
            0.740 0.888 0.778 0.799 0.834 0.759 0.736 0.691         0.778    7.97
104)  o-xylene
            0.711 0.913 0.808 0.821 0.841 0.776 0.746 0.774 0.616   0.779   10.82
105)  styrene
                  1.520 1.357 1.383 1.397 1.300 1.235 1.239         1.347    7.45
106)  bromoform
                  0.310 0.298 0.310 0.274 0.296 0.249               0.289    8.29

107) I   1,4-dichlorobenzene-d ----------------ISTD--------------------
108)  isopropylbenzene
            3.883 4.883 4.191 4.343 4.438 4.009 3.906 4.393         4.256    7.84
109)  4-bromofluorobenzene (s)
            1.350 1.369 1.158 1.205 1.212 1.102 1.186 1.335         1.240    7.99
110)  cyclohexanone
            2.139 2.633 2.443 2.874 2.388 2.448 2.174 2.348         2.431    9.81
111)  bromobenzene
            0.901 1.249 1.081 1.107 1.124 1.023 1.010 0.997         1.062    9.79
112)  1,1,2,2-tetrachloroethane
            0.918 1.105 0.975 1.043 0.964 0.944 0.891 0.946         0.973    7.12
113)  trans-1,4-dichloro-2-butene
                  0.308 0.282 0.302 0.270 0.273 0.217               0.275   11.80
114)  1,2,3-trichloropropane
                  0.305 0.259 0.279 0.265 0.249 0.243 0.247         0.264    8.32
115)  n-propylbenzene
            4.490 5.599 4.788 4.985 5.155 4.633 4.578 5.102 4.328   4.851    8.20
116)  4-Ethyltoluene
            3.073 4.380 4.072 4.383 4.255 4.015 3.590 3.550         3.915   11.95
117)  2-chlorotoluene
            0.884 1.149 0.986 1.006 1.060 0.961 0.917 1.056         1.003    8.51
118)  4-chlorotoluene
            3.182 3.346 2.962 3.015 3.047 2.897 2.806 3.063         3.040    5.51
119)  1,3,5-trimethylbenzene
            4.046 4.237 3.431 3.465 3.777 3.291 3.652 3.897         3.725    8.76
120)  tert-butylbenzene
            2.836 3.525 3.152 3.208 3.251 3.064 2.815 3.172 2.513   3.059    9.70
121)  pentachloroethane
                  0.749 0.667 0.675 0.678 0.641 0.607 0.653         0.667    6.51
122)  1,2,4-trimethylbenzene
            3.513 3.958 3.518 3.592 3.674 3.375 3.334 3.771 3.137   3.541    6.93
123)  sec-butylbenzene
            4.514 5.331 4.681 4.807 4.863 4.537 4.195 4.936         4.733    7.14
124)  1,3-dichlorobenzene
            1.727 2.212 2.022 2.055 2.122 1.958 1.811 1.979 1.628   1.946    9.74
125)  p-isopropyltoluene
            3.573 4.412 3.969 4.036 4.130 3.839 3.557 4.013         3.941    7.21
126)  1,4-dichlorobenzene
            2.302 2.441 2.110 2.141 2.157 2.056 2.127 2.367 2.383   2.232    6.34
```

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-ICC4490
Lab FileID: Y105440.D

```
127)  1,2-dichlorobenzene
            1.782 2.205 2.014 2.033 2.045 1.935 1.865 1.989 1.817   1.965    6.68
128)  benzyl chloride
                  2.056 2.106 2.204 2.010 2.090 1.677               2.024    8.98
129)  1,4-Diethylbenzene
            1.913 2.593 2.448 2.587 2.557 2.429 2.153 2.110         2.349   10.92
130)  n-butylbenzene
            1.740 2.289 2.048 2.113 2.140 1.984 1.835 2.036         2.023    8.56
131)  1,2,4,5-Tetramethylbenzene
                  3.848 3.955 4.125 4.042 3.761 3.318 3.203         3.750    9.51
132)  1,2-dibromo-3-chloropropane
                  0.193 0.192 0.203 0.172 0.188 0.155               0.184    9.56
133)  1,3,5-trichlorobenzene
            1.519 1.892 1.833 1.849 1.842 1.720 1.594 1.651         1.738    7.92
134)  1,2,4-trichlorobenzene
            1.276 1.549 1.634 1.647 1.619 1.527 1.333 1.417         1.500    9.48
135)  hexachlorobutadiene
            0.904 0.974 0.880 0.923 0.979 0.816 0.837 0.923 0.730   0.885    9.02
136)  naphthalene
            2.822 2.620 2.954 3.023 2.745 2.892 2.462 2.675 2.603   2.755    6.64
137)  1,2,3-trichlorobenzene
            1.216 1.338 1.398 1.416 1.385 1.309 1.160 1.272         1.312    6.95
138)  hexachloroethane
                  0.707 0.681 0.677 0.664 0.683 0.545 0.599         0.651    8.82
 ------------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           MYS4490.M         Tue Nov 09 16:17:51 2010   RPT1
```

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-ICV4490
Lab FileID: Y105445.D

Evaluate Continuing Calibration Report

Data File : C:\MSDChem\1\DATA\Y105445.D Vial: 13
Acq On : 8 Nov 2010 5:51 pm Operator: alexm1
Sample : icv4490-50 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 16:15:05 2010
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	82	0.00	5.56
2	M	tertiary butyl alcohol	1.592	1.778	-11.7	92	0.00	5.69
			True	Calc.	% Drift			
3		1,4-dioxane	1250.000	1466.423	-17.3	106	0.00	9.86
			AvgRF	CCRF	% Dev			
4	I	pentafluorobenzene	1.000	1.000	0.0	102	0.00	8.09
5		freon 115		NA				
6		freon 23		NA				
7		freon 143A		NA				
8		freon 152A	0.000	0.000#	0.0	78	0.00	2.52
9	M	chlorotrifluoroethene		NA				
10	M	chlorodifluoromethane	0.772	0.638	17.4	81	0.00	2.53
11	M	dichlorodifluoromethane	0.946	0.865	8.6	87	0.00	2.53
12	M	chloromethane	1.024	1.003	2.1	100	0.00	2.71
13		freon 114		NA				
14		freon 142B		NA				
15	M	vinyl chloride	0.762	0.886	-16.3	110	0.00	2.89
16		Acetaldehyde	0.024	0.016	33.3#	70	0.02	3.08
17	M	bromomethane	0.494	0.536	-8.5	107	0.00	3.36
18	M	chloroethane	0.467	0.522	-11.8	109	0.00	3.51
19		Vinyl Bromide		NA				
20	M	trichlorofluoromethane	0.890	0.989	-11.1	108	0.00	3.94
21		Pentane	1.315	1.047	20.4#	79	0.00	3.99
22	M	ethyl ether	0.337	0.334	0.9	96	0.00	4.33
23		freon 141B		NA				
24		freon 123A		NA				
25		freon 123		NA				
26	M	acrolein	0.090	0.097	-7.8	95	0.00	4.58
27	M	1,1-dichloroethene	0.480	0.522	-8.8	106	0.00	4.72
28	M	acetone	0.104	0.095	8.7	80	0.00	4.82
29	M	allyl chloride	0.100	0.109	-9.0	113	0.00	5.28
			True	Calc.	% Drift			
30	M	acetonitrile	500.000	492.768	1.4	93	0.00	5.28
			AvgRF	CCRF	% Dev			
31	M	iodomethane	0.882	0.927	-5.1	103	0.00	4.98
32	M	iso-butyl alcohol	0.000	0.000#	0.0	95	0.00	8.49
33	M	carbon disulfide	1.720	1.841	-7.0	105	0.00	5.09

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-ICV4490
Lab FileID: Y105445.D

34	M	methylene chloride	0.561	0.578	-3.0	101	0.00	5.49
		----------	True	Calc.	% Drift	----------		
35	M	methyl acetate	50.000	45.023	10.0	89	0.00	5.33
		----------	AvgRF	CCRF	% Dev	----------		
36	M	methyl tert butyl ether	1.604	1.628	-1.5	95	0.00	5.87
37	M	trans-1,2-dichloroethene	0.526	0.560	-6.5	103	0.00	5.89
38	M	di-isopropyl ether	2.000	2.163	-8.1	103	0.00	6.57
		----------	True	Calc.	% Drift	----------		
39	M	2-butanone	50.000	41.904	16.2	73	0.01	7.45
		----------	AvgRF	CCRF	% Dev	----------		
40	M	1,1-dichloroethane	1.026	1.088	-6.0	103	0.00	6.52
41	M	chloroprene	0.760	0.919	-20.9#	119	0.00	6.65
42	M	acrylonitrile	0.183	0.173	5.5	90	0.00	5.88
		----------	True	Calc.	% Drift	----------		
43	M	vinyl acetate	50.000	54.845	-9.7	106	0.00	6.61
		----------	AvgRF	CCRF	% Dev	----------		
44	M	ethyl tert-butyl ether	1.889	1.987	-5.2	101	0.00	7.11
		----------	True	Calc.	% Drift	----------		
45	M	ethyl acetate	50.000	56.371	-12.7	106	0.00	7.48
		----------	AvgRF	CCRF	% Dev	----------		
46	M	2,2-dichloropropane	0.855	0.897	-4.9	104	0.00	7.36
47	M	cis-1,2-dichloroethene	0.585	0.601	-2.7	102	0.00	7.39
48	M	propionitrile	0.068	0.067	1.5	89	0.00	7.50
49	M	bromochloromethane	0.268	0.270	-0.7	98	0.00	7.74
50	M	tetrahydrofuran	0.181	0.167	7.7	84	0.00	7.81
51	M	chloroform	0.917	0.956	-4.3	102	0.00	7.84
52		tert-butyl formate	0.461	0.470	-2.0	96	0.00	7.88
53	S	dibromofluoromethane (s)	0.480	0.510	-6.3	103	0.00	8.07
54	S	1,2-dichloroethane-d4 (s)	0.590	0.571	3.2	95	0.00	8.53
55	M	freon 113	0.436	0.475	-8.9	105	0.00	4.71
56	M	methacrylonitrile	0.181	0.175	3.3	90	0.01	7.74
57	M	1,1,1-trichloroethane	0.823	0.856	-4.0	105	0.00	8.08
58	M	Cyclohexane	0.964	0.932	3.3	105	0.00	8.14
59	I	1,4-difluorobenzene	1.000	1.000	0.0	101	0.00	9.07
60	M	epichlorohydrin	0.037	0.039	-5.4	102	0.00	10.47
61	M	n-butyl alcohol	0.017	0.018	-5.9	104	0.00	8.21
62	M	carbon tetrachloride	0.528	0.522	1.1	103	0.00	8.31
63	M	1,1-dichloropropene	0.535	0.546	-2.1	102	0.00	8.31
64	M	hexane	0.102	0.113	-10.8	104	0.00	6.26
65		Tert Amyl Alcohol		----------NA----------				
66	M	benzene	1.536	1.590	-3.5	102	0.00	8.58
67		2,2,4-trimethylpentane	1.604	1.731	-7.9	100	0.00	8.63
68	M	tert-amyl methyl ether	1.113	1.210	-8.7	102	0.00	8.69
69	M	heptane	0.351	0.378	-7.7	107	0.00	8.86
70	M	isopropyl acetate	0.190	0.184	3.2	91	0.00	8.64
71	M	1,2-dichloroethane	0.468	0.475	-1.5	95	0.00	8.63
72		Di-isobutylene		----------NA----------				
73	M	trichloroethene	0.380	0.407	-7.1	105	0.00	9.42
74		Tert Amyl Ethyl Ether		----------NA----------				
75	M	2-nitropropane	0.090	0.083	7.8	87	0.00	10.30
76	M	2-chloroethyl vinyl ether	0.177	0.154	13.0	78	0.00	10.36

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-ICV4490
Lab FileID: Y105445.D

77		ethyl acrylate	0.587	0.813	-38.5#	132	0.00	9.62
78	M	methyl methacrylate	0.259	0.254	1.9	89	0.00	9.81
79	M	1,2-dichloropropane	0.409	0.412	-0.7	96	0.00	9.69
80	M	dibromomethane	0.206	0.202	1.9	94	0.00	9.87
81	M	methylcyclohexane	0.707	0.766	-8.3	103	0.00	9.62
82	M	bromodichloromethane	0.499	0.506	-1.4	98	0.00	10.04
83	M	cis-1,3-dichloropropene	0.686	0.685	0.1	98	0.00	10.55
84	S	toluene-d8 (s)	1.452	1.490	-2.6	103	0.00	10.85
85	M	4-methyl-2-pentanone	0.146	0.145	0.7	90	0.00	10.70
86	M	toluene	0.965	1.011	-4.8	103	0.00	10.93
			True	Calc.	% Drift			
87	M	3-methyl-1-butanol	1000.000	1019.325	-1.9	99	0.00	10.80
			AvgRF	CCRF	% Dev			
88	M	trans-1,3-dichloropropene	0.595	0.605	-1.7	96	0.00	11.19
89	M	ethyl methacrylate	0.489	0.493	-0.8	94	0.00	11.24
90	M	1,1,2-trichloroethane	0.272	0.270	0.7	95	0.00	11.40
91	M	2-hexanone	0.224	0.195	12.9	78	0.00	11.65
92	I	chlorobenzene-d5	1.000	1.000	0.0	100	0.00	12.49
93	M	tetrachloroethene	0.394	0.412	-4.6	104	0.00	11.56
94	M	1,3-dichloropropane	0.621	0.619	0.3	95	0.00	11.59
			True	Calc.	% Drift			
95	M	butyl acetate	50.000	50.273	-0.5	94	0.00	11.76
96		3,3-dimethyl-1-butanol	500.000	509.661	-1.9	96	0.00	11.87
			AvgRF	CCRF	% Dev			
97	M	dibromochloromethane	0.405	0.405	0.0	95	0.00	11.86
			True	Calc.	% Drift			
98	M	1,2-dibromoethane	50.000	49.089	1.8	93	0.00	12.00
			AvgRF	CCRF	% Dev			
99	M	chlorobenzene	1.194	1.245	-4.3	101	0.00	12.52
			True	Calc.	% Drift			
100		n-butyl ether	50.000	59.629	-19.3	176	-0.01	12.52
			AvgRF	CCRF	% Dev			
101	M	1,1,1,2-tetrachloroethane	0.432	0.436	-0.9	98	0.00	12.59
102	M	ethylbenzene	2.003	2.117	-5.7	103	0.00	12.60
103	M	m,p-xylene	0.778	0.822	-5.7	103	0.00	12.73
104	M	o-xylene	0.779	0.832	-6.8	101	0.00	13.16
105	M	styrene	1.347	1.383	-2.7	100	0.00	13.19
106	M	bromoform	0.289	0.279	3.5	90	0.00	13.44
107	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	98	0.00	14.92
108	M	isopropylbenzene	4.256	4.546	-6.8	102	0.00	13.54
109	S	4-bromofluorobenzene (s)	1.240	1.246	-0.5	101	0.00	13.75
110	M	cyclohexanone	2.431	2.370	2.5	81	0.00	13.69
111	M	bromobenzene	1.062	1.120	-5.5	99	0.00	13.93
112	M	1,1,2,2-tetrachloroethane	0.973	0.968	0.5	91	0.00	13.88
113	M	trans-1,4-dichloro-2-bute	0.275	0.278	-1.1	90	0.00	13.94
114	M	1,2,3-trichloropropane	0.264	0.258	2.3	90	0.00	13.94
115	M	n-propylbenzene	4.851	5.211	-7.4	102	0.00	13.98
116		4-Ethyltoluene	3.915	4.501	-15.0	100	0.00	14.09
117	M	2-chlorotoluene	1.003	1.049	-4.6	102	0.00	14.11
118	M	4-chlorotoluene	3.040	3.130	-3.0	102	0.00	14.22

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4490-ICV4490
Lab FileID: Y105445.D

119	M	1,3,5-trimethylbenzene	3.725	3.579	3.9	101	0.00	14.15
120	M	tert-butylbenzene	3.059	3.317	-8.4	101	0.00	14.48
121	M	pentachloroethane	0.667	0.678	-1.6	98	0.00	14.55
122	M	1,2,4-trimethylbenzene	3.541	3.706	-4.7	101	0.00	14.53
123	M	sec-butylbenzene	4.733	5.005	-5.7	102	0.00	14.69
124	M	1,3-dichlorobenzene	1.946	2.101	-8.0	100	0.00	14.86
125	M	p-isopropyltoluene	3.941	4.177	-6.0	101	0.00	14.82
126	M	1,4-dichlorobenzene	2.232	2.174	2.6	99	0.00	14.94
127	M	1,2-dichlorobenzene	1.965	2.046	-4.1	98	0.00	15.29
128		benzyl chloride	2.024	2.278	-12.5	101	0.00	15.06
129		1,4-Diethylbenzene	2.349	2.616	-11.4	99	0.00	15.18
130	M	n-butylbenzene	2.023	2.173	-7.4	101	0.00	15.21
131		1,2,4,5-Tetramethylbenzen	3.750	4.070	-8.5	97	0.00	15.88
132	M	1,2-dibromo-3-chloropropa	0.184	0.178	3.3	86	0.00	15.98
133		1,3,5-trichlorobenzene	1.738	1.846	-6.2	98	0.00	16.14
134	M	1,2,4-trichlorobenzene	1.500	1.617	-7.8	96	0.00	16.65
135	M	hexachlorobutadiene	0.885	0.960	-8.5	102	0.00	16.75
136	M	naphthalene	2.755	2.888	-4.8	93	0.00	16.87
137	M	1,2,3-trichlorobenzene	1.312	1.398	-6.6	97	0.00	17.07
138	M	hexachloroethane	0.651	0.703	-8.0	102	0.00	15.52

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Y105440.D MYS4490.M Tue Nov 09 16:17:50 2010 RPT1

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4515-CC4490
Lab FileID: Y106008.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Y-...VY4515-4516\Y106008.D Vial: 3
Acq On : 23 Nov 2010 11:58 am Operator: alexm1
Sample : CC4490-20 Inst : MSY
Misc : MS5111,VY4515,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 15:40:22 2010
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	98	0.01	5.58
2	M	tertiary butyl alcohol	1.592	1.769	-11.1	103	0.02	5.71
			True	Calc.	% Drift			
3		1,4-dioxane	500.000	602.694	-20.5#	108	0.02	9.88
			AvgRF	CCRF	% Dev			
4	I	pentafluorobenzene	1.000	1.000	0.0	94	0.00	8.09
5		freon 115		----------NA----------				
6		freon 23		----------NA----------				
7		freon 143A		----------NA----------				
8		freon 152A		----------NA----------				
9	M	chlorotrifluoroethene		----------NA----------				
10	M	chlorodifluoromethane	0.772	0.728	5.7	90	0.00	2.53
11	M	dichlorodifluoromethane	0.946	0.836	11.6	84	0.00	2.52
12	M	chloromethane	1.024	1.023	0.1	97	-0.01	2.70
13		freon 114		----------NA----------				
14		freon 142B		----------NA----------				
15	M	vinyl chloride	0.777	0.838	-7.9	102	0.00	2.89
16		Acetaldehyde		----------NA----------				
17	M	bromomethane	0.494	0.496	-0.4	94	0.01	3.37
18	M	chloroethane	0.467	0.493	-5.6	99	0.01	3.52
19		Vinyl Bromide		----------NA----------				
20	M	trichlorofluoromethane	0.890	0.893	-0.3	95	0.01	3.94
21		Pentane	1.315	1.542	-17.3	107	0.01	4.00
22	M	ethyl ether	0.337	0.376	-11.6	108	0.01	4.34
23		freon 141B		----------NA----------				
24		freon 123A		----------NA----------				
25		freon 123		----------NA----------				
26	M	acrolein	0.090	0.076	15.6	76	0.03	4.60
27	M	1,1-dichloroethene	0.480	0.535	-11.5	102	0.00	4.73
28	M	acetone	0.104	0.100	3.8	99	0.05	4.87
29	M	allyl chloride	0.100	0.111	-11.0	104	0.02	5.30
			True	Calc.	% Drift			
30	M	acetonitrile	200.000	191.301	4.3	107	0.02	5.30
			AvgRF	CCRF	% Dev			
31	M	iodomethane	0.882	0.932	-5.7	98	0.00	4.98
32	M	iso-butyl alcohol		----------NA----------				
33	M	carbon disulfide	1.720	1.961	-14.0	107	0.00	5.10

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4515-CC4490
Lab FileID: Y106008.D

34	M	methylene chloride	0.561	0.644	-14.8	105	0.02	5.51
		----------	True	Calc.	% Drift	----------		
35	M	methyl acetate	20.000	21.011	-5.1	101	0.04	5.38
		----------	AvgRF	CCRF	% Dev	----------		
36	M	methyl tert butyl ether	1.604	1.727	-7.7	99	0.01	5.88
37	M	trans-1,2-dichloroethene	0.526	0.596	-13.3	102	0.02	5.91
38	M	di-isopropyl ether	2.043	2.261	-10.7	100	0.02	6.59
		----------	True	Calc.	% Drift	----------		
39	M	2-butanone	20.000	16.117	19.4	96	0.05	7.50
		----------	AvgRF	CCRF	% Dev	----------		
40	M	1,1-dichloroethane	1.026	1.162	-13.3	105	0.01	6.54
41	M	chloroprene	0.760	0.785	-3.3	91	0.02	6.66
42	M	acrylonitrile	0.183	0.193	-5.5	107	0.04	5.92
		----------	True	Calc.	% Drift	----------		
43	M	vinyl acetate	20.000	16.301	18.5	85	0.06	6.67
		----------	AvgRF	CCRF	% Dev	----------		
44	M	ethyl tert-butyl ether	1.889	2.054	-8.7	98	0.00	7.12
		----------	True	Calc.	% Drift	----------		
45	M	ethyl acetate	20.000	17.812	10.9	92	0.05	7.53
		----------	AvgRF	CCRF	% Dev	----------		
46	M	2,2-dichloropropane	0.855	0.888	-3.9	97	0.01	7.37
47	M	cis-1,2-dichloroethene	0.593	0.649	-9.4	102	0.01	7.41
48	M	propionitrile	0.068	0.074	-8.8	106	0.04	7.54
49	M	bromochloromethane	0.268	0.286	-6.7	100	0.02	7.75
50	M	tetrahydrofuran	0.181	0.177	2.2	99	0.04	7.85
51	M	chloroform	0.917	1.011	-10.3	99	0.01	7.85
52		tert-butyl formate	0.461	0.420	8.9	86	0.00	7.89
53	S	dibromofluoromethane (s)	0.480	0.461	4.0	86	0.00	8.08
54	S	1,2-dichloroethane-d4 (s)	0.590	0.517	12.4	80	0.01	8.54
55	M	freon 113	0.436	0.462	-6.0	96	0.00	4.72
56	M	methacrylonitrile	0.181	0.165	8.8	101	0.05	7.78
57	M	1,1,1-trichloroethane	0.823	0.847	-2.9	97	0.00	8.09
58	M	Cyclohexane	0.964	1.033	-7.2	104	0.00	8.15
59	I	1,4-difluorobenzene	1.000	1.000	0.0	98	0.00	9.08
60	M	epichlorohydrin	0.037	0.034	8.1	92	0.02	10.49
61	M	n-butyl alcohol	0.017	0.018	-5.9	99	0.00	8.22
62	M	carbon tetrachloride	0.528	0.497	5.9	95	0.00	8.31
63	M	1,1-dichloropropene	0.535	0.538	-0.6	99	0.00	8.31
64	M	hexane	0.102	0.114	-11.8	104	0.01	6.26
65		Tert Amyl Alcohol		----------NA----------				
66	M	benzene	1.536	1.708	-11.2	103	0.01	8.59
67		2,2,4-trimethylpentane	1.604	1.906	-18.8	104	0.00	8.63
68	M	tert-amyl methyl ether	1.113	1.203	-8.1	99	0.01	8.70
69	M	heptane	0.351	0.402	-14.5	107	0.01	8.87
70	M	isopropyl acetate	0.190	0.142	25.3#	67	0.02	8.66
71	M	1,2-dichloroethane	0.468	0.482	-3.0	92	0.02	8.64
72		Di-isobutylene		----------NA----------				
73	M	trichloroethene	0.380	0.411	-8.2	101	0.01	9.43
74		Tert Amyl Ethyl Ether		----------NA----------				
75	M	2-nitropropane	0.090	0.098	-8.9	119	0.02	10.31
76	M	2-chloroethyl vinyl ether	0.177	0.114	35.6#	64	0.02	10.38

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4515-CC4490
Lab FileID: Y106008.D

77		ethyl acrylate	0.587	0.678	-15.5	105	0.00	9.62
78	M	methyl methacrylate	0.259	0.251	3.1	102	0.03	9.84
79	M	1,2-dichloropropane	0.409	0.466	-13.9	104	0.01	9.70
80	M	dibromomethane	0.211	0.216	-2.4	98	0.01	9.87
81	M	methylcyclohexane	0.707	0.801	-13.3	102	0.00	9.62
82	M	bromodichloromethane	0.499	0.529	-6.0	101	0.00	10.04
83	M	cis-1,3-dichloropropene	0.686	0.717	-4.5	98	0.01	10.56
84	S	toluene-d8 (s)	1.452	1.389	4.3	92	0.00	10.85
85	M	4-methyl-2-pentanone	0.146	0.128	12.3	95	0.02	10.72
86	M	toluene	0.965	1.050	-8.8	102	0.01	10.94
			True	Calc.	% Drift			
87	M	3-methyl-1-butanol	400.000	370.336	7.4	99	0.03	10.82
			AvgRF	CCRF	% Dev			
88	M	trans-1,3-dichloropropene	0.595	0.608	-2.2	99	0.02	11.20
89	M	ethyl methacrylate	0.489	0.477	2.5	95	0.02	11.26
90	M	1,1,2-trichloroethane	0.272	0.296	-8.8	104	0.01	11.41
91	M	2-hexanone	0.224	0.201	10.3	89	0.05	11.70
92	I	chlorobenzene-d5	1.000	1.000	0.0	99	0.00	12.49
93	M	tetrachloroethene	0.394	0.394	0.0	95	0.00	11.56
94	M	1,3-dichloropropane	0.621	0.672	-8.2	102	0.00	11.60
			True	Calc.	% Drift			
95	M	butyl acetate	20.000	17.746	11.3	94	0.03	11.79
			AvgRF	CCRF	% Dev			
96		3,3-dimethyl-1-butanol	0.042	0.040	4.8	107	0.02	11.88
97	M	dibromochloromethane	0.405	0.405	0.0	97	0.00	11.87
			True	Calc.	% Drift			
98	M	1,2-dibromoethane	20.000	19.832	0.8	99	0.00	12.01
			AvgRF	CCRF	% Dev			
99	M	chlorobenzene	1.194	1.241	-3.9	97	0.00	12.52
			True	Calc.	% Drift			
100		n-butyl ether	20.000	20.503	-2.5	126	0.00	12.53
			AvgRF	CCRF	% Dev			
101	M	1,1,1,2-tetrachloroethane	0.432	0.432	0.0	96	0.00	12.59
102	M	ethylbenzene	2.003	2.091	-4.4	97	0.00	12.61
103	M	m,p-xylene	0.778	0.798	-2.6	95	0.00	12.73
104	M	o-xylene	0.799	0.819	-2.5	96	0.00	13.17
105	M	styrene	1.347	1.360	-1.0	96	0.01	13.20
106	M	bromoform	0.289	0.277	4.2	100	0.00	13.44
107	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	98	0.00	14.92
108	M	isopropylbenzene	4.256	4.398	-3.3	97	0.00	13.54
109	S	4-bromofluorobenzene (s)	1.240	1.095	11.7	88	0.00	13.75
110	M	cyclohexanone		----------NA----------				
111	M	bromobenzene	1.062	1.075	-1.2	93	0.00	13.93
112	M	1,1,2,2-tetrachloroethane	0.973	1.010	-3.8	102	0.00	13.89
113	M	trans-1,4-dichloro-2-bute	0.275	0.215	21.8#	78	0.01	13.95
114	M	1,2,3-trichloropropane	0.264	0.250	5.3	92	0.00	13.94
115	M	n-propylbenzene	4.851	5.007	-3.2	95	0.00	13.98
116		4-Ethyltoluene		----------NA----------				
117	M	2-chlorotoluene	1.003	1.012	-0.9	93	0.00	14.11
118	M	4-chlorotoluene	3.040	3.091	-1.7	99	0.00	14.22

Continuing Calibration Summary

Job Number: JA62028 **Sample:** VY4515-CC4490
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** Y106008.D
Project: 525 West 52nd Street, New York, NY

119	M	1,3,5-trimethylbenzene	3.725	3.559	4.5	92	0.00	14.15
120	M	tert-butylbenzene	3.059	3.157	-3.2	95	0.00	14.48
121	M	pentachloroethane	0.667	0.668	-0.1	96	0.00	14.55
122	M	1,2,4-trimethylbenzene	3.541	3.500	1.2	93	0.00	14.54
123	M	sec-butylbenzene	4.733	4.672	1.3	94	0.00	14.70
124	M	1,3-dichlorobenzene	1.946	1.959	-0.7	90	0.00	14.86
125	M	p-isopropyltoluene	3.941	3.831	2.8	91	0.00	14.82
126	M	1,4-dichlorobenzene	2.232	2.082	6.7	94	0.00	14.94
127	M	1,2-dichlorobenzene	1.965	1.970	-0.3	94	0.00	15.30
128		benzyl chloride		----------NA----------				
129		1,4-Diethylbenzene		----------NA----------				
130	M	n-butylbenzene	2.023	1.876	7.3	86	0.00	15.21
131		1,2,4,5-Tetramethylbenzen		----------NA----------				
132	M	1,2-dibromo-3-chloropropa	0.184	0.170	7.6	96	0.00	15.99
133		1,3,5-trichlorobenzene	1.738	1.726	0.7	92	0.00	16.15
134	M	1,2,4-trichlorobenzene	1.500	1.336	10.9	81	0.00	16.66
135	M	hexachlorobutadiene	0.885	0.894	-1.0	89	0.00	16.75
136	M	naphthalene	2.755	2.304	16.4	82	0.01	16.88
137	M	1,2,3-trichlorobenzene	1.312	1.185	9.7	84	0.00	17.07
138	M	hexachloroethane	0.651	0.646	0.8	95	0.00	15.52

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Y105439.D MYS4490.M Wed Nov 24 16:54:58 2010 ACCUNJ

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4517-CC4490
Lab FileID: Y106057.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Y-...VY4517-4520\Y106057.D Vial: 2
Acq On : 24 Nov 2010 1:44 pm Operator: alexm1
Sample : CC4490-20 Inst : MSY
Misc : MS5111,VY4517,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 15:40:22 2010
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	107	0.01	5.58
2	M	tertiary butyl alcohol	1.592	1.706	-7.2	107	0.03	5.72
			True	Calc.	% Drift			
3		1,4-dioxane	500.000	583.226	-16.6	113	0.02	9.89
			AvgRF	CCRF	% Dev			
4	I	pentafluorobenzene	1.000	1.000	0.0	113	0.00	8.09
5		freon 115		----------NA----------				
6		freon 23		----------NA----------				
7		freon 143A		----------NA----------				
8		freon 152A		----------NA----------				
9	M	chlorotrifluoroethene		----------NA----------				
10	M	chlorodifluoromethane	0.772	0.659	14.6	97	0.00	2.53
11	M	dichlorodifluoromethane	0.946	0.772	18.4	93	0.00	2.52
12	M	chloromethane	1.024	0.953	6.9	108	-0.01	2.70
13		freon 114		----------NA----------				
14		freon 142B		----------NA----------				
15	M	vinyl chloride	0.777	0.807	-3.9	117	-0.01	2.88
16		Acetaldehyde		----------NA----------				
17	M	bromomethane	0.494	0.477	3.4	109	0.00	3.36
18	M	chloroethane	0.467	0.470	-0.6	112	0.01	3.52
19		Vinyl Bromide		----------NA----------				
20	M	trichlorofluoromethane	0.890	0.854	4.0	108	0.00	3.93
21		Pentane	1.315	1.432	-8.9	118	0.00	3.99
22	M	ethyl ether	0.337	0.347	-3.0	119	0.02	4.34
23		freon 141B		----------NA----------				
24		freon 123A		----------NA----------				
25		freon 123		----------NA----------				
26	M	acrolein	0.090	0.068	24.4#	81	0.02	4.59
27	M	1,1-dichloroethene	0.480	0.532	-10.8	122	0.00	4.72
28	M	acetone	0.104	0.096	7.7	115	0.03	4.85
29	M	allyl chloride	0.100	0.109	-9.0	123	0.02	5.29
			True	Calc.	% Drift			
30	M	acetonitrile	200.000	140.461	29.8#	96	0.02	5.30
			AvgRF	CCRF	% Dev			
31	M	iodomethane	0.882	0.919	-4.2	115	0.00	4.98
32	M	iso-butyl alcohol		----------NA----------				
33	M	carbon disulfide	1.720	1.942	-12.9	126	0.00	5.10

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4517-CC4490
Lab FileID: Y106057.D

34	M	methylene chloride	0.561	0.611	-8.9	119	0.00	5.50
		----------	True	Calc.	% Drift	----------		
35	M	methyl acetate	20.000	17.430	12.9	99	0.04	5.37
		----------	AvgRF	CCRF	% Dev	----------		
36	M	methyl tert butyl ether	1.604	1.584	1.2	108	0.01	5.88
37	M	trans-1,2-dichloroethene	0.526	0.583	-10.8	119	0.01	5.90
38	M	di-isopropyl ether	2.043	1.920	6.0	102	0.01	6.58
		----------	True	Calc.	% Drift	----------		
39	M	2-butanone	20.000	14.969	25.2#	106	0.06	7.50
		----------	AvgRF	CCRF	% Dev	----------		
40	M	1,1-dichloroethane	1.026	1.085	-5.8	117	0.01	6.54
41	M	chloroprene	0.760	0.752	1.1	104	0.02	6.66
42	M	acrylonitrile	0.183	0.179	2.2	119	0.04	5.92
		----------	True	Calc.	% Drift	----------		
43	M	vinyl acetate	20.000	13.712	31.4#	77	0.06	6.67
		----------	AvgRF	CCRF	% Dev	----------		
44	M	ethyl tert-butyl ether	1.889	1.792	5.1	102	0.00	7.11
		----------	True	Calc.	% Drift	----------		
45	M	ethyl acetate	20.000	12.002	40.0#	67	0.05	7.53
		----------	AvgRF	CCRF	% Dev	----------		
46	M	2,2-dichloropropane	0.855	0.851	0.5	111	0.00	7.37
47	M	cis-1,2-dichloroethene	0.593	0.627	-5.7	118	0.00	7.40
48	M	propionitrile	0.068	0.067	1.5	116	0.04	7.54
49	M	bromochloromethane	0.268	0.270	-0.7	113	0.02	7.75
50	M	tetrahydrofuran	0.181	0.130	28.2#	87	0.02	7.83
51	M	chloroform	0.917	0.953	-3.9	111	0.00	7.84
52		tert-butyl formate	0.461	0.362	21.5#	89	0.00	7.89
53	S	dibromofluoromethane (s)	0.480	0.454	5.4	101	0.00	8.08
54	S	1,2-dichloroethane-d4 (s)	0.590	0.486	17.6	90	0.01	8.54
55	M	freon 113	0.436	0.439	-0.7	109	0.01	4.73
56	M	methacrylonitrile	0.181	0.150	17.1	109	0.05	7.77
57	M	1,1,1-trichloroethane	0.823	0.800	2.8	109	0.00	8.08
58	M	Cyclohexane	0.964	1.005	-4.3	120	0.00	8.14
59	I	1,4-difluorobenzene	1.000	1.000	0.0	115	0.00	9.07
60	M	epichlorohydrin	0.037	0.029	21.6#	92	0.02	10.49
61	M	n-butyl alcohol	0.017	0.015	11.8	103	0.01	8.22
62	M	carbon tetrachloride	0.528	0.490	7.2	110	0.00	8.31
63	M	1,1-dichloropropene	0.535	0.541	-1.1	117	0.00	8.31
64	M	hexane	0.102	0.109	-6.9	117	0.00	6.26
65		Tert Amyl Alcohol		----------NA----------				
66	M	benzene	1.536	1.649	-7.4	117	0.00	8.59
67		2,2,4-trimethylpentane	1.604	1.746	-8.9	112	0.00	8.63
68	M	tert-amyl methyl ether	1.113	1.074	3.5	104	0.00	8.69
69	M	heptane	0.351	0.345	1.7	108	0.01	8.87
70	M	isopropyl acetate	0.190	0.149	21.6#	83	0.02	8.66
71	M	1,2-dichloroethane	0.468	0.431	7.9	97	0.02	8.64
72		Di-isobutylene		----------NA----------				
73	M	trichloroethene	0.380	0.394	-3.7	113	0.01	9.42
74		Tert Amyl Ethyl Ether		----------NA----------				
75	M	2-nitropropane	0.090	0.061	32.2#	87	0.01	10.31
76	M	2-chloroethyl vinyl ether	0.177	0.107	39.5#	70	0.02	10.37

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4517-CC4490
Lab FileID: Y106057.D

77		ethyl acrylate	0.587	0.601	-2.4	109	0.00	9.62
78	M	methyl methacrylate	0.259	0.235	9.3	112	0.04	9.84
79	M	1,2-dichloropropane	0.409	0.423	-3.4	111	0.01	9.70
80	M	dibromomethane	0.211	0.202	4.3	108	0.01	9.87
81	M	methylcyclohexane	0.707	0.756	-6.9	113	0.00	9.62
82	M	bromodichloromethane	0.499	0.497	0.4	111	0.00	10.04
83	M	cis-1,3-dichloropropene	0.686	0.688	-0.3	110	0.01	10.56
84	S	toluene-d8 (s)	1.452	1.355	6.7	106	0.00	10.85
85	M	4-methyl-2-pentanone	0.146	0.116	20.5#	101	0.01	10.71
86	M	toluene	0.965	1.011	-4.8	116	0.01	10.94
		----------	True	Calc.	% Drift	----------		
87	M	3-methyl-1-butanol	400.000	310.437	22.4#	95	0.03	10.83
		----------	AvgRF	CCRF	% Dev	----------		
88	M	trans-1,3-dichloropropene	0.595	0.566	4.9	108	0.02	11.20
89	M	ethyl methacrylate	0.489	0.439	10.2	103	0.02	11.26
90	M	1,1,2-trichloroethane	0.272	0.276	-1.5	114	0.00	11.40
91	M	2-hexanone	0.224	0.190	15.2	99	0.04	11.69
92	I	chlorobenzene-d5	1.000	1.000	0.0	115	0.00	12.49
93	M	tetrachloroethene	0.394	0.396	-0.5	111	0.00	11.56
94	M	1,3-dichloropropane	0.621	0.633	-1.9	111	0.01	11.60
		----------	True	Calc.	% Drift	----------		
95	M	butyl acetate	20.000	15.174	24.1#	91	0.03	11.78
		----------	AvgRF	CCRF	% Dev	----------		
96		3,3-dimethyl-1-butanol	0.042	0.032	23.8#	99	0.02	11.89
97	M	dibromochloromethane	0.405	0.392	3.2	109	0.00	11.87
		----------	True	Calc.	% Drift	----------		
98	M	1,2-dibromoethane	20.000	18.559	7.2	108	0.00	12.01
		----------	AvgRF	CCRF	% Dev	----------		
99	M	chlorobenzene	1.194	1.203	-0.8	109	0.00	12.52
		----------	True	Calc.	% Drift	----------		
100		n-butyl ether	20.000	19.822	0.9	138	-0.02	12.51
		----------	AvgRF	CCRF	% Dev	----------		
101	M	1,1,1,2-tetrachloroethane	0.432	0.422	2.3	108	0.00	12.59
102	M	ethylbenzene	2.003	2.056	-2.6	111	0.00	12.60
103	M	m,p-xylene	0.778	0.791	-1.7	109	0.00	12.73
104	M	o-xylene	0.799	0.796	0.4	108	0.00	13.17
105	M	styrene	1.347	1.312	2.6	108	0.01	13.20
106	M	bromoform	0.289	0.263	9.0	110	0.00	13.44
107	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	109	0.00	14.92
108	M	isopropylbenzene	4.256	4.433	-4.2	109	0.00	13.54
109	S	4-bromofluorobenzene (s)	1.240	1.084	12.6	97	0.00	13.75
110	M	cyclohexanone		----------NA----------				
111	M	bromobenzene	1.062	1.062	0.0	103	0.00	13.93
112	M	1,1,2,2-tetrachloroethane	0.973	0.978	-0.5	110	0.00	13.89
113	M	trans-1,4-dichloro-2-bute	0.275	0.215	21.8#	86	0.01	13.95
114	M	1,2,3-trichloropropane	0.264	0.251	4.9	103	0.00	13.94
115	M	n-propylbenzene	4.851	5.028	-3.6	106	0.00	13.98
116		4-Ethyltoluene		----------NA----------				
117	M	2-chlorotoluene	1.003	1.023	-2.0	105	0.00	14.11
118	M	4-chlorotoluene	3.040	2.971	2.3	106	0.00	14.22

Continuing Calibration Summary

Job Number: JA62028 **Sample:** VY4517-CC4490
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** Y106057.D
Project: 525 West 52nd Street, New York, NY

119	M	1,3,5-trimethylbenzene	3.725	3.501	6.0	101	0.00	14.15
120	M	tert-butylbenzene	3.059	3.225	-5.4	108	0.00	14.48
121	M	pentachloroethane	0.667	0.659	1.2	106	0.00	14.55
122	M	1,2,4-trimethylbenzene	3.541	3.572	-0.9	106	0.00	14.54
123	M	sec-butylbenzene	4.733	4.773	-0.8	107	0.00	14.70
124	M	1,3-dichlorobenzene	1.946	1.953	-0.4	100	0.00	14.86
125	M	p-isopropyltoluene	3.941	3.899	1.1	103	0.00	14.82
126	M	1,4-dichlorobenzene	2.232	2.038	8.7	103	0.00	14.94
127	M	1,2-dichlorobenzene	1.965	1.972	-0.4	105	0.00	15.30
128		benzyl chloride		----------NA----------				
129		1,4-Diethylbenzene		----------NA----------				
130	M	n-butylbenzene	2.023	1.910	5.6	97	0.00	15.21
131		1,2,4,5-Tetramethylbenzen		----------NA----------				
132	M	1,2-dibromo-3-chloropropa	0.184	0.154	16.3	98	0.00	15.99
133		1,3,5-trichlorobenzene	1.738	1.697	2.4	100	0.00	16.15
134	M	1,2,4-trichlorobenzene	1.500	1.323	11.8	89	0.00	16.66
135	M	hexachlorobutadiene	0.885	0.930	-5.1	103	0.00	16.75
136	M	naphthalene	2.755	2.038	26.0#	81	0.02	16.88
137	M	1,2,3-trichlorobenzene	1.312	1.137	13.3	89	0.00	17.07
138	M	hexachloroethane	0.651	0.647	0.6	106	0.00	15.52

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Y105439.D MYS4490.M Mon Nov 29 15:48:41 2010 ACCUNJ

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: VY4523-CC4490
Lab FileID: Y106194.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Y-...VY4523-4524\Y106194.D Vial: 3
Acq On : 30 Nov 2010 11:59 am Operator: alexm1
Sample : CC4490-20 Inst : MSY
Misc : MS5404,VY4523,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 15:40:22 2010
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	152	0.01	5.58
2	M	tertiary butyl alcohol	1.592	1.385	13.0	124	0.02	5.72
			True	Calc.	% Drift			
3		1,4-dioxane	500.000	477.011	4.6	127	0.01	9.87
			AvgRF	CCRF	% Dev			
4	I	pentafluorobenzene	1.000	1.000	0.0	88	0.00	8.09
5		freon 115		----------NA----------				
6		freon 23		----------NA----------				
7		freon 143A		----------NA----------				
8		freon 152A		----------NA----------				
9	M	chlorotrifluoroethene		----------NA----------				
10	M	chlorodifluoromethane	0.772	0.525	32.0#	60	0.00	2.54
11	M	dichlorodifluoromethane	0.946	0.719	24.0#	67	0.00	2.53
12	M	chloromethane	1.024	0.863	15.7	76	0.00	2.70
13		freon 114		----------NA----------				
14		freon 142B		----------NA----------				
15	M	vinyl chloride	0.777	0.758	2.4	85	-0.01	2.88
16		Acetaldehyde		----------NA----------				
17	M	bromomethane	0.494	0.466	5.7	82	0.00	3.36
18	M	chloroethane	0.467	0.449	3.9	83	0.01	3.52
19		Vinyl Bromide		----------NA----------				
20	M	trichlorofluoromethane	0.890	0.817	8.2	80	0.02	3.95
21		Pentane	1.315	1.205	8.4	77	0.01	4.00
22	M	ethyl ether	0.337	0.367	-8.9	97	0.01	4.34
23		freon 141B		----------NA----------				
24		freon 123A		----------NA----------				
25		freon 123		----------NA----------				
26	M	acrolein	0.090	0.108	-20.0#	101	0.02	4.60
27	M	1,1-dichloroethene	0.480	0.490	-2.1	87	0.01	4.73
28	M	acetone	0.104	0.117	-12.5	108	0.03	4.85
29	M	allyl chloride	0.100	0.103	-3.0	90	0.01	5.29
			True	Calc.	% Drift			
30	M	acetonitrile	200.000	216.729	-8.4	112	0.02	5.30
			AvgRF	CCRF	% Dev			
31	M	iodomethane	0.882	0.873	1.0	85	0.01	4.99
32	M	iso-butyl alcohol		----------NA----------				
33	M	carbon disulfide	1.720	1.682	2.2	85	0.01	5.10

Continuing Calibration Summary

Job Number: JA62028 **Sample:** VY4523-CC4490
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** Y106194.D
Project: 525 West 52nd Street, New York, NY

34	M	methylene chloride	0.561	0.608	-8.4	92	0.02	5.51
		----------	True	Calc.	% Drift	----------		
35	M	methyl acetate	20.000	26.511	-32.6#	120	0.03	5.36
		----------	AvgRF	CCRF	% Dev	----------		
36	M	methyl tert butyl ether	1.604	1.789	-11.5	95	0.00	5.87
37	M	trans-1,2-dichloroethene	0.526	0.563	-7.0	89	0.02	5.91
38	M	di-isopropyl ether	2.043	2.015	1.4	83	0.01	6.58
		----------	True	Calc.	% Drift	----------		
39	M	2-butanone	20.000	18.573	7.1	105	0.05	7.49
		----------	AvgRF	CCRF	% Dev	----------		
40	M	1,1-dichloroethane	1.026	1.068	-4.1	89	0.01	6.54
41	M	chloroprene	0.760	0.751	1.2	81	0.02	6.66
42	M	acrylonitrile	0.183	0.225	-23.0#	116	0.03	5.91
		----------	True	Calc.	% Drift	----------		
43	M	vinyl acetate	20.000	18.323	8.4	93	0.08	6.69
		----------	AvgRF	CCRF	% Dev	----------		
44	M	ethyl tert-butyl ether	1.889	1.987	-5.2	88	0.00	7.11
		----------	True	Calc.	% Drift	----------		
45	M	ethyl acetate	20.000	20.203	-1.0	99	0.03	7.51
		----------	AvgRF	CCRF	% Dev	----------		
46	M	2,2-dichloropropane	0.855	0.820	4.1	83	0.00	7.37
47	M	cis-1,2-dichloroethene	0.593	0.608	-2.5	89	0.02	7.41
48	M	propionitrile	0.068	0.089	-30.9#	119	0.04	7.54
49	M	bromochloromethane	0.268	0.290	-8.2	94	0.02	7.75
50	M	tetrahydrofuran	0.181	0.191	-5.5	99	0.03	7.83
51	M	chloroform	0.917	0.966	-5.3	87	0.01	7.85
52		tert-butyl formate	0.461	0.436	5.4	83	0.00	7.89
53	S	dibromofluoromethane (s)	0.480	0.488	-1.7	85	0.01	8.08
54	S	1,2-dichloroethane-d4 (s)	0.590	0.581	1.5	84	0.00	8.53
55	M	freon 113	0.436	0.449	-3.0	87	0.01	4.73
56	M	methacrylonitrile	0.181	0.198	-9.4	112	0.04	7.76
57	M	1,1,1-trichloroethane	0.823	0.800	2.8	85	0.00	8.08
58	M	Cyclohexane	0.964	0.958	0.6	89	0.00	8.15
59	I	1,4-difluorobenzene	1.000	1.000	0.0	92	0.00	9.08
60	M	epichlorohydrin	0.037	0.043	-16.2	108	0.02	10.49
61	M	n-butyl alcohol	0.017	0.015	11.8	78	0.00	8.22
62	M	carbon tetrachloride	0.528	0.471	10.8	84	0.00	8.31
63	M	1,1-dichloropropene	0.535	0.527	1.5	91	0.01	8.32
64	M	hexane	0.102	0.104	-2.0	89	0.00	6.26
65		Tert Amyl Alcohol		----------NA----------				
66	M	benzene	1.536	1.587	-3.3	90	0.01	8.59
67		2,2,4-trimethylpentane	1.604	1.719	-7.2	89	0.00	8.63
68	M	tert-amyl methyl ether	1.113	1.222	-9.8	95	0.00	8.69
69	M	heptane	0.351	0.347	1.1	87	0.00	8.87
70	M	isopropyl acetate	0.190	0.178	6.3	80	0.02	8.66
71	M	1,2-dichloroethane	0.468	0.459	1.9	83	0.01	8.64
72		Di-isobutylene		----------NA----------				
73	M	trichloroethene	0.380	0.387	-1.8	89	0.02	9.43
74		Tert Amyl Ethyl Ether		----------NA----------				
75	M	2-nitropropane	0.090	0.081	10.0	92	0.01	10.31
76	M	2-chloroethyl vinyl ether	0.177	0.120	32.2#	63	0.02	10.37

Continuing Calibration Summary

Job Number: JA62028 **Sample:** VY4523-CC4490
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** Y106194.D
Project: 525 West 52nd Street, New York, NY

77		ethyl acrylate	0.587	0.600	-2.2	87	0.00	9.62
78	M	methyl methacrylate	0.259	0.282	-8.9	108	0.03	9.83
79	M	1,2-dichloropropane	0.409	0.425	-3.9	89	0.00	9.69
80	M	dibromomethane	0.211	0.225	-6.6	96	0.01	9.87
81	M	methylcyclohexane	0.707	0.758	-7.2	91	0.00	9.62
82	M	bromodichloromethane	0.499	0.504	-1.0	90	0.00	10.04
83	M	cis-1,3-dichloropropene	0.686	0.694	-1.2	89	0.01	10.56
84	S	toluene-d8 (s)	1.452	1.379	5.0	86	0.00	10.85
85	M	4-methyl-2-pentanone	0.146	0.142	2.7	99	0.01	10.71
86	M	toluene	0.965	0.997	-3.3	92	0.01	10.94
			True	Calc.	% Drift			
87	M	3-methyl-1-butanol	400.000	426.715	-6.7	110	0.02	10.82
			AvgRF	CCRF	% Dev			
88	M	trans-1,3-dichloropropene	0.595	0.574	3.5	88	0.02	11.20
89	M	ethyl methacrylate	0.489	0.497	-1.6	93	0.02	11.26
90	M	1,1,2-trichloroethane	0.272	0.299	-9.9	99	0.01	11.41
91	M	2-hexanone	0.224	0.221	1.3	92	0.05	11.69
92	I	chlorobenzene-d5	1.000	1.000	0.0	97	0.00	12.49
93	M	tetrachloroethene	0.394	0.368	6.6	87	0.00	11.56
94	M	1,3-dichloropropane	0.621	0.644	-3.7	96	0.00	11.60
			True	Calc.	% Drift			
95	M	butyl acetate	20.000	18.082	9.6	94	0.03	11.78
			AvgRF	CCRF	% Dev			
96		3,3-dimethyl-1-butanol	0.042	0.045	-7.1	117	0.01	11.88
97	M	dibromochloromethane	0.405	0.395	2.5	93	0.01	11.87
			True	Calc.	% Drift			
98	M	1,2-dibromoethane	20.000	20.045	-0.2	98	0.00	12.01
			AvgRF	CCRF	% Dev			
99	M	chlorobenzene	1.194	1.140	4.5	88	0.00	12.53
			True	Calc.	% Drift			
100		n-butyl ether	20.000	18.710	6.4	106	-0.01	12.52
			AvgRF	CCRF	% Dev			
101	M	1,1,1,2-tetrachloroethane	0.432	0.404	6.5	88	0.00	12.59
102	M	ethylbenzene	2.003	1.879	6.2	86	0.00	12.60
103	M	m,p-xylene	0.778	0.740	4.9	86	0.00	12.73
104	M	o-xylene	0.799	0.745	6.8	86	0.00	13.17
105	M	styrene	1.347	1.228	8.8	85	0.01	13.20
106	M	bromoform	0.289	0.290	-0.3	103	0.00	13.44
107	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	98	0.00	14.92
108	M	isopropylbenzene	4.256	3.929	7.7	86	0.00	13.54
109	S	4-bromofluorobenzene (s)	1.240	1.038	16.3	84	0.00	13.75
110	M	cyclohexanone		----------NA----------				
111	M	bromobenzene	1.062	0.985	7.3	86	0.00	13.93
112	M	1,1,2,2-tetrachloroethane	0.973	1.038	-6.7	105	0.00	13.89
113	M	trans-1,4-dichloro-2-bute	0.275	0.217	21.1#	79	0.01	13.95
114	M	1,2,3-trichloropropane	0.264	0.272	-3.0	100	0.01	13.95
115	M	n-propylbenzene	4.851	4.408	9.1	84	0.00	13.98
116		4-Ethyltoluene		----------NA----------				
117	M	2-chlorotoluene	1.003	0.932	7.1	86	0.00	14.11
118	M	4-chlorotoluene	3.040	2.641	13.1	85	0.00	14.22

Continuing Calibration Summary

Job Number: JA62028 **Sample:** VY4523-CC4490
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** Y106194.D
Project: 525 West 52nd Street, New York, NY

119	M	1,3,5-trimethylbenzene	3.725	3.127	16.1	81	0.00	14.15
120	M	tert-butylbenzene	3.059	2.798	8.5	84	0.00	14.48
121	M	pentachloroethane	0.667	0.616	7.6	89	0.00	14.55
122	M	1,2,4-trimethylbenzene	3.541	3.115	12.0	83	0.00	14.54
123	M	sec-butylbenzene	4.733	4.152	12.3	83	0.00	14.69
124	M	1,3-dichlorobenzene	1.946	1.794	7.8	83	0.00	14.86
125	M	p-isopropyltoluene	3.941	3.454	12.4	82	0.00	14.82
126	M	1,4-dichlorobenzene	2.232	1.947	12.8	88	0.00	14.94
127	M	1,2-dichlorobenzene	1.965	1.839	6.4	88	0.00	15.30
128		benzyl chloride		----------NA----------				
129		1,4-Diethylbenzene		----------NA----------				
130	M	n-butylbenzene	2.023	1.639	19.0	75	0.00	15.21
131		1,2,4,5-Tetramethylbenzen		----------NA----------				
132	M	1,2-dibromo-3-chloropropa	0.184	0.179	2.7	102	0.00	15.98
133		1,3,5-trichlorobenzene	1.738	1.555	10.5	82	0.00	16.15
134	M	1,2,4-trichlorobenzene	1.500	1.207	19.5	73	0.00	16.66
135	M	hexachlorobutadiene	0.885	0.824	6.9	82	0.00	16.75
136	M	naphthalene	2.755	2.317	15.9	82	0.01	16.88
137	M	1,2,3-trichlorobenzene	1.312	1.097	16.4	77	0.00	17.07
138	M	hexachloroethane	0.651	0.573	12.0	84	0.00	15.52

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Y105439.D MYS4490.M Wed Dec 01 14:21:32 2010 ACCUNJ

New Jersey ACCUTEST LABORATORIES

GC/MS Volatiles

Raw Data

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 12/02/10 14:30

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106026.D
Acq On : 23 Nov 2010 9:09 pm
Operator : alexm1
Sample : JA62028-1
Misc : MS5197,VY4515,4.5,,,,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 29 16:05:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

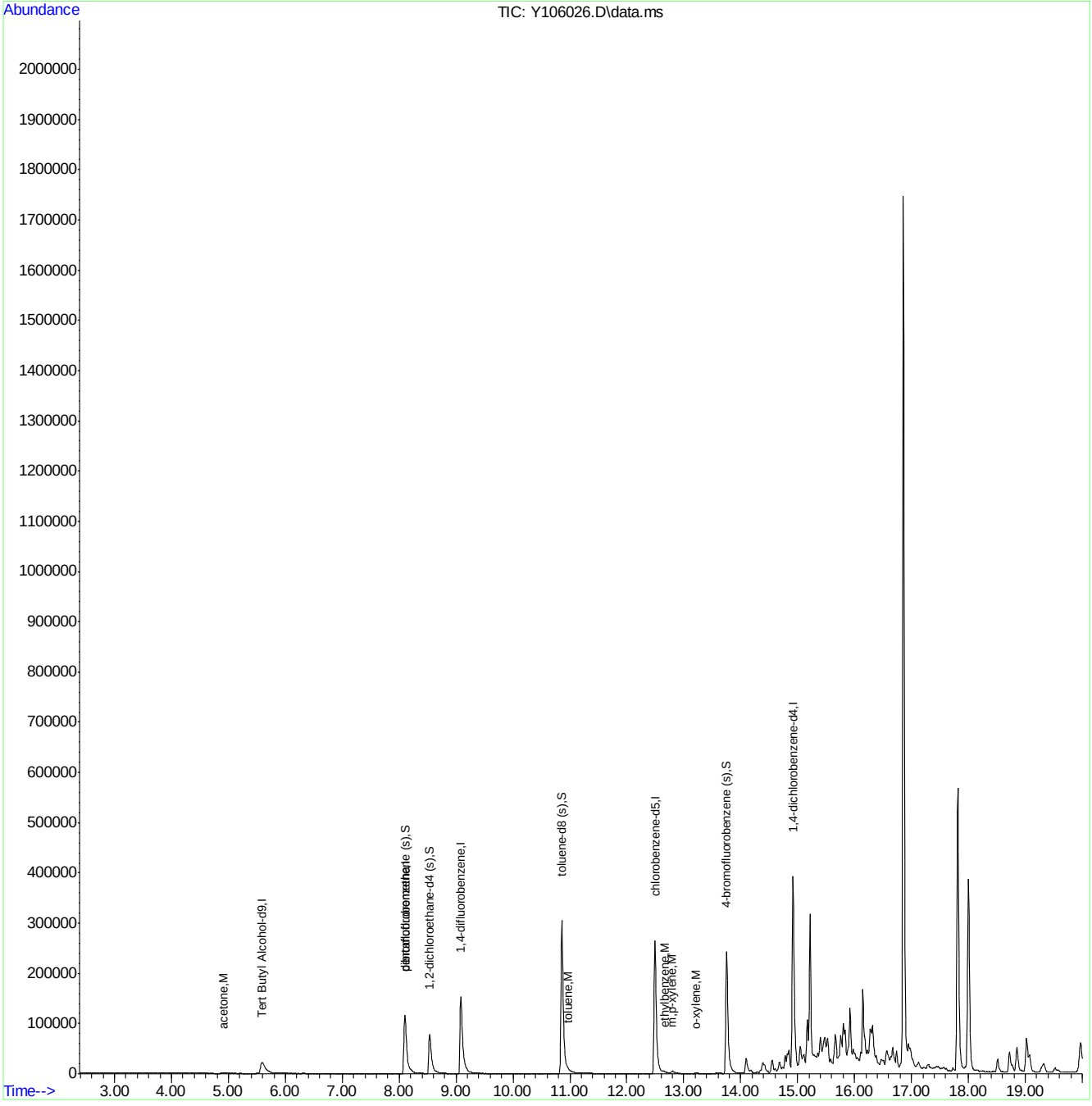
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.591	65	80479	500.00	ug/L	0.03
4) pentafluorobenzene	8.102	168	148746	50.00	ug/L	0.01
59) 1,4-difluorobenzene	9.085	114	239872	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	258917	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.917	152	129411	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.102	113	15818	11.08	ug/L	0.03
Spiked Amount 50.000	Range 67 - 127		Recovery = 22.16%#			
54) 1,2-dichloroethane-d4 (s)	8.536	65	97172	55.39	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 110.78%			
84) toluene-d8 (s)	10.858	98	343458	49.30	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 98.60%			
109) 4-bromofluorobenzene (s)	13.750	95	140560	43.80	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 87.60%			
Target Compounds						Qvalue
28) acetone	4.917	58	1258	4.06	ug/L #	30
86) toluene	10.968	92	3566m	0.77	ug/L	
102) ethylbenzene	12.663	91	5796	0.56	ug/L	94
103) m,p-xylene	12.799	106	2763m	0.69	ug/L	
104) o-xylene	13.212	106	1680	0.42	ug/L #	75

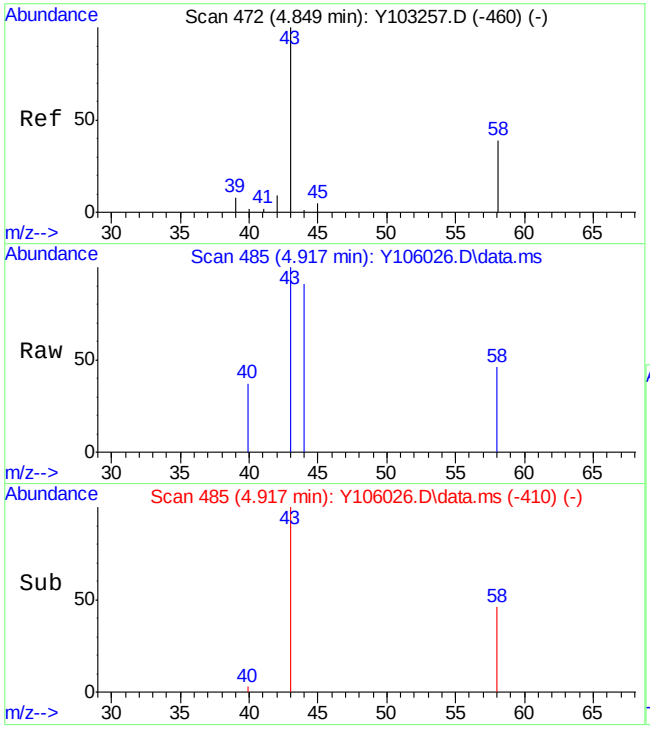
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106026.D
Acq On : 23 Nov 2010 9:09 pm
Operator : alexm1
Sample : JA62028-1
Misc : MS5197,VY4515,4.5,,,,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 29 16:05:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

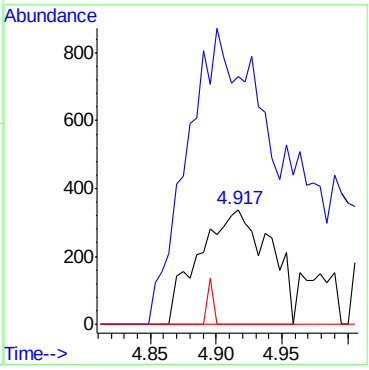


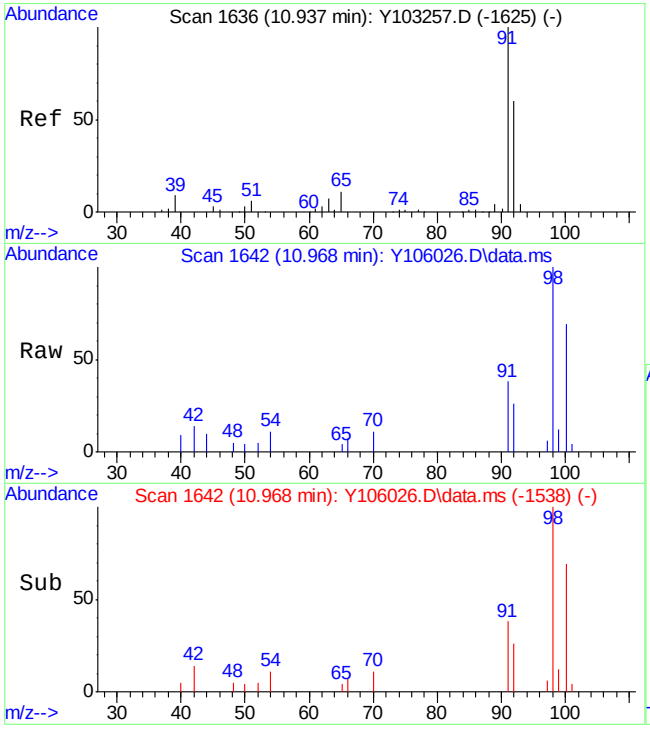


#28
acetone
Concen: 4.06 ug/L
RT: 4.917 min Scan# 485
Delta R.T. 0.095 min
Lab File: Y106026.D
Acq: 23 Nov 2010 9:09 pm

Tgt Ion: 58 Resp: 1258

Ion	Ratio	Lower	Upper
58	100		
43	170.1	316.1	316.1#
42	0.0	0.0	57.7

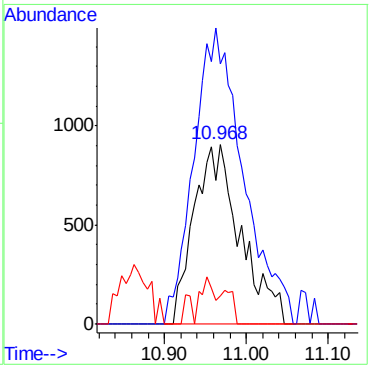


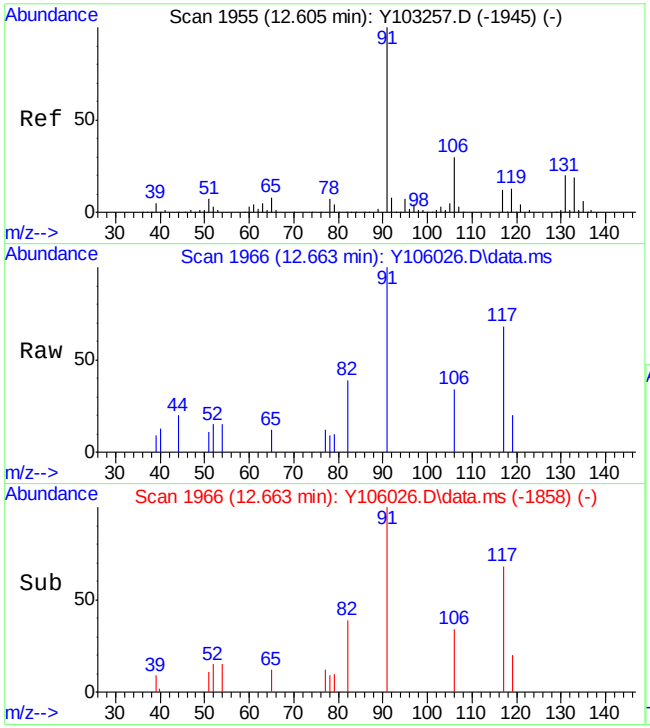


#86
toluene
Concen: 0.77 ug/L m
RT: 10.968 min Scan# 1642
Delta R.T. 0.043 min
Lab File: Y106026.D
Acq: 23 Nov 2010 9:09 pm

Tgt Ion: 92 Resp: 3566

Ion	Ratio	Lower	Upper
92	100		
91	144.8	140.5	200.5
65	15.8	0.0	49.6

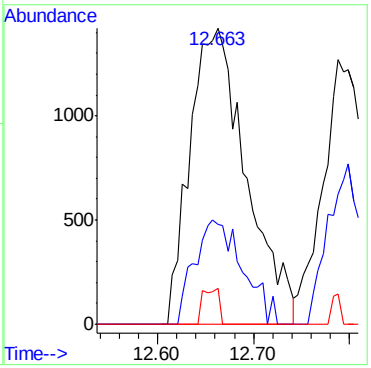


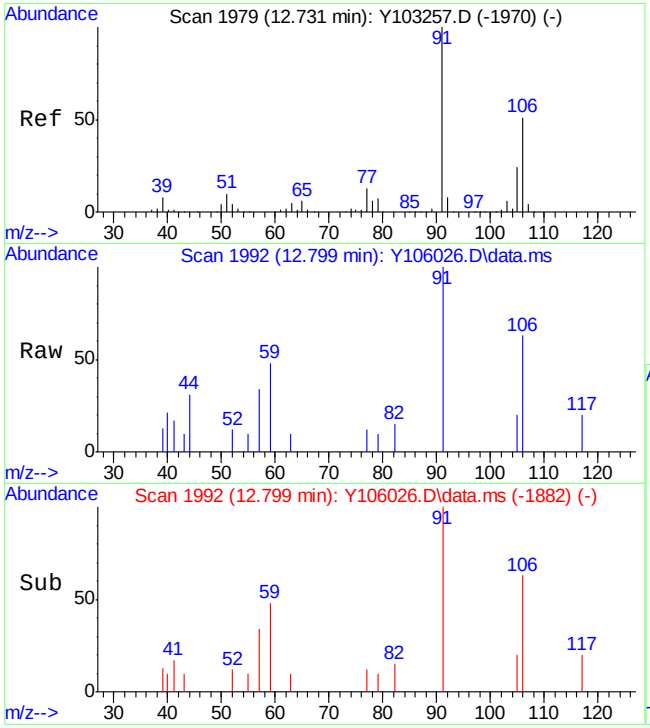


#102
ethylbenzene
Concen: 0.56 ug/L
RT: 12.663 min Scan# 1966
Delta R.T. 0.063 min
Lab File: Y106026.D
Acq: 23 Nov 2010 9:09 pm

Tgt Ion: 91 Resp: 5796

Ion	Ratio	Lower	Upper
91	100		
106	33.7	1.0	61.0
65	12.0	0.0	38.8

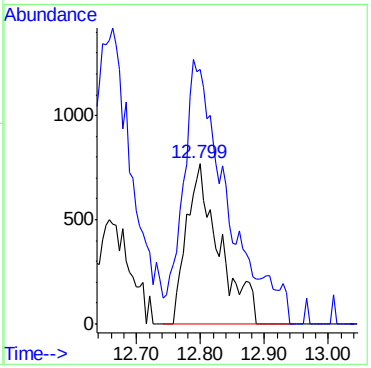


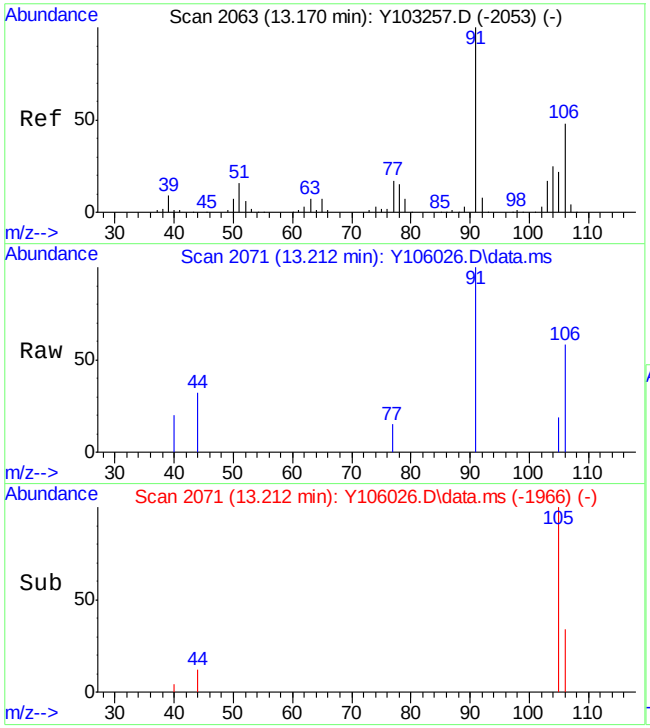


#103
m,p-xylene
Concen: 0.69 ug/L m
RT: 12.799 min Scan# 1992
Delta R.T. 0.073 min
Lab File: Y106026.D
Acq: 23 Nov 2010 9:09 pm

Tgt Ion:106 Resp: 2763

Ion	Ratio	Lower	Upper
106	100		
91	158.3	167.4	227.4#

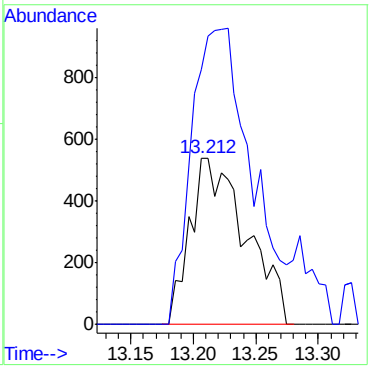




#104
o-xylene
Concen: 0.42 ug/L
RT: 13.212 min Scan# 2071
Delta R.T. 0.047 min
Lab File: Y106026.D
Acq: 23 Nov 2010 9:09 pm

Tgt Ion:106 Resp: 1680

Ion	Ratio	Lower	Upper
106	100		
91	173.7	182.9	242.9#



Manual Integration Approval Summary

Sample Number: JA62028-1
Lab FileID: Y106026.D
Injection Time: 11/23/10 21:09
Method: SW846 8260B
Analyst approved: 12/02/10 11:28 Ho Joong Kim
Supervisor approved: 12/02/10 14:30 Jessica Reitan-Chu

Parameter	CAS	Sig#	R.T. (min.)	Reason
Toluene	108-88-3		10.97	Poor instrument integration
m,p-Xylene			12.80	Split peak

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106078.D
Acq On : 25 Nov 2010 12:27 am
Operator : alexm1
Sample : JA62028-1cfs
Misc : MS5197,VY4517,2.5,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 29 16:06:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

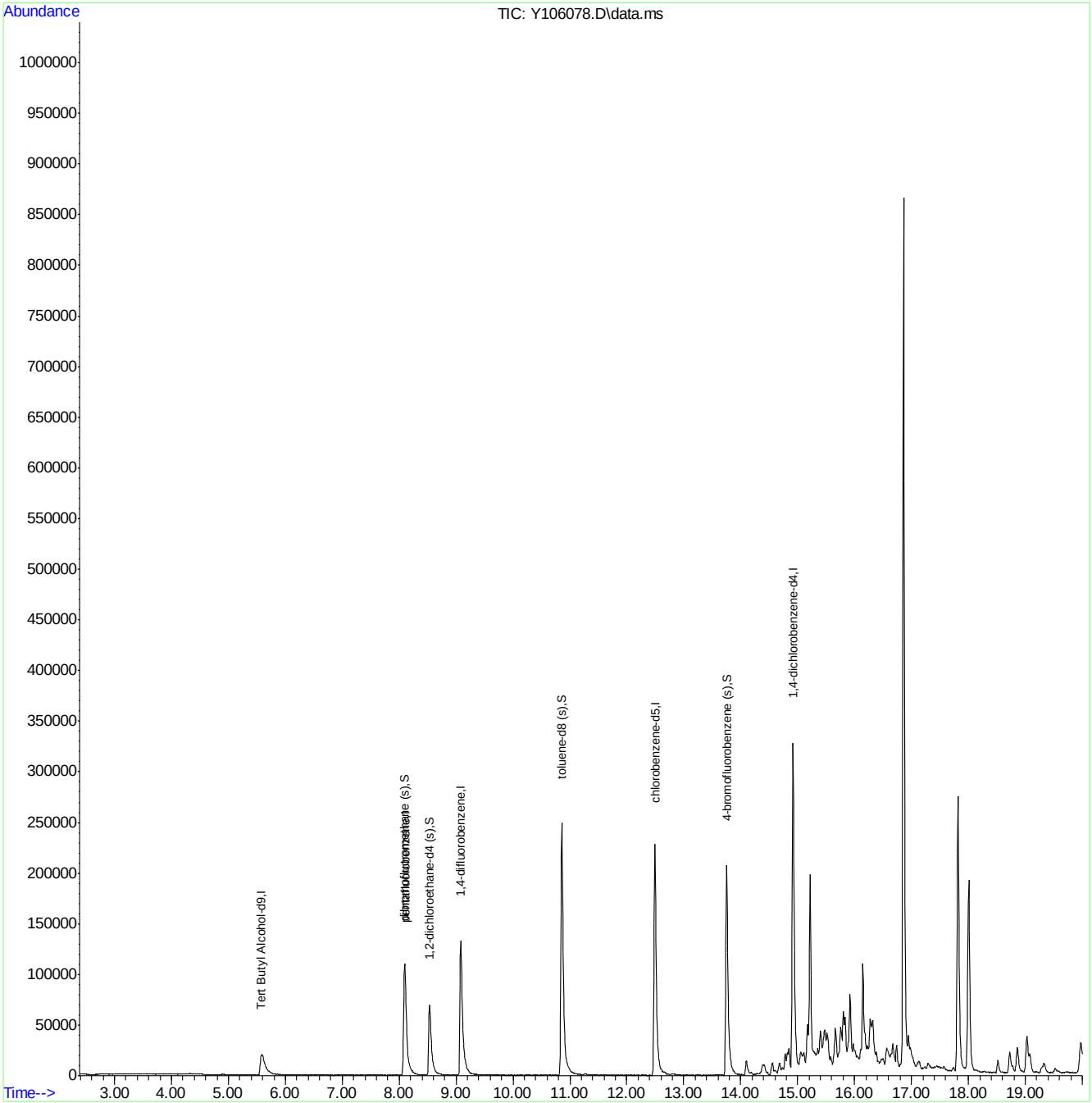
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.581	65	76766	500.00	ug/L	0.02
4) pentafluorobenzene	8.102	168	131636	50.00	ug/L	0.01
59) 1,4-difluorobenzene	9.085	114	209251	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	222703	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.917	152	116846	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.091	113	22122	17.51	ug/L	0.02
Spiked Amount 50.000	Range 67 - 127		Recovery = 35.02%#			
54) 1,2-dichloroethane-d4 (s)	8.536	65	86125	55.47	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 110.94%			
84) toluene-d8 (s)	10.858	98	289962	47.71	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 95.42%			
109) 4-bromofluorobenzene (s)	13.756	95	121476	41.93	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 83.86%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106078.D
Acq On : 25 Nov 2010 12:27 am
Operator : alexm1
Sample : JA62028-1cfs
Misc : MS5197,VY4517,2.5,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 29 16:06:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 12/02/10 14:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106071.D
Acq On : 24 Nov 2010 9:01 pm
Operator : alexm1
Sample : JA62028-2
Misc : MS5197,VY4517,4.6,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 29 15:57:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

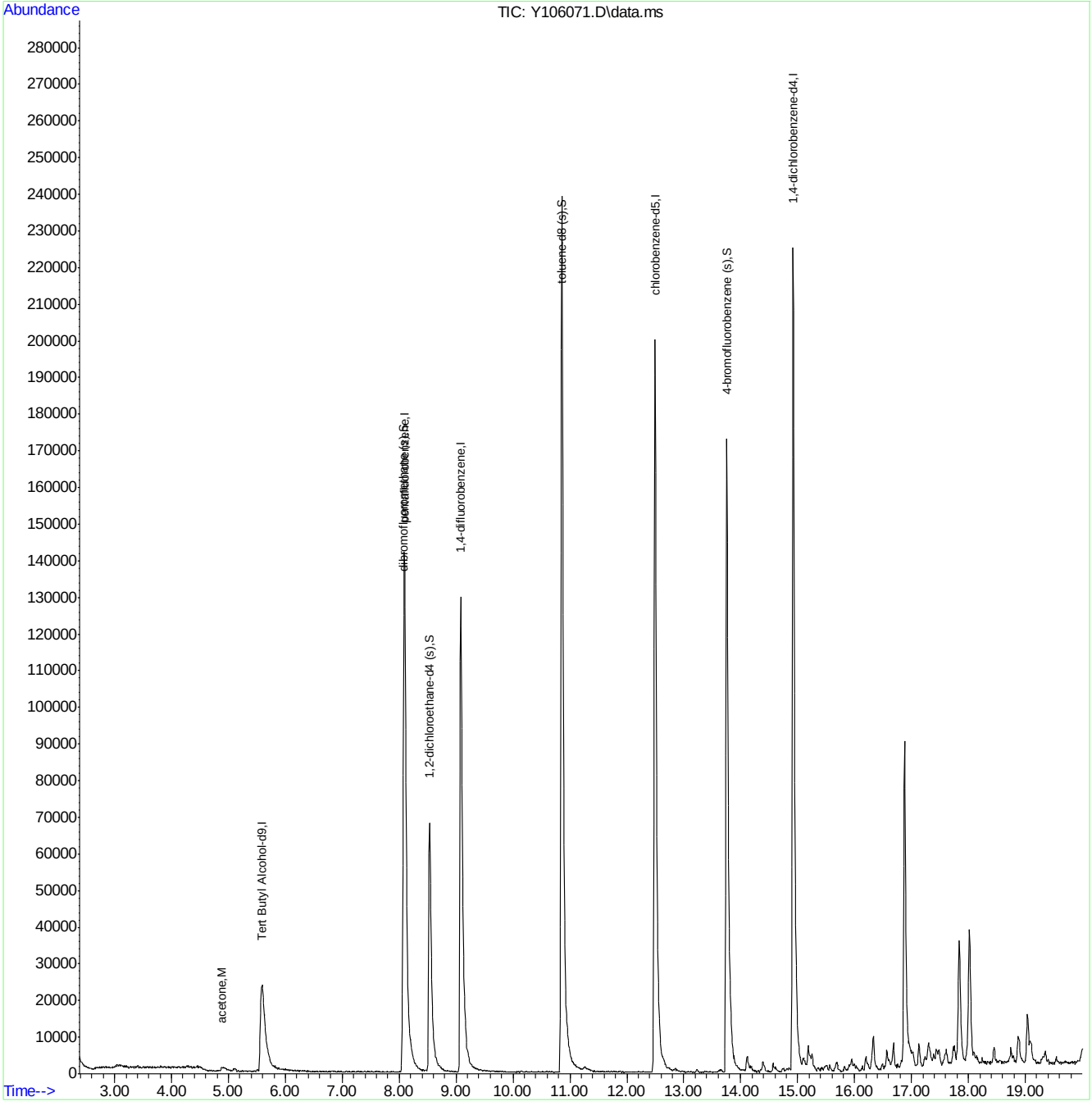
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.596	65	90682	500.00	ug/L	0.03
4) pentafluorobenzene	8.096	168	126572	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.085	114	202701	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	206648	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.922	152	100668	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.081	113	69887	57.53	ug/L	0.01
Spiked Amount 50.000	Range 67 - 127		Recovery = 115.06%			
54) 1,2-dichloroethane-d4 (s)	8.536	65	85427	57.22	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 114.44%			
84) toluene-d8 (s)	10.858	98	279969	47.55	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 95.10%			
109) 4-bromofluorobenzene (s)	13.756	95	107221	42.95	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 85.90%			
Target Compounds						Qvalue
28) acetone	4.880	58	1174m	4.46	ug/L	

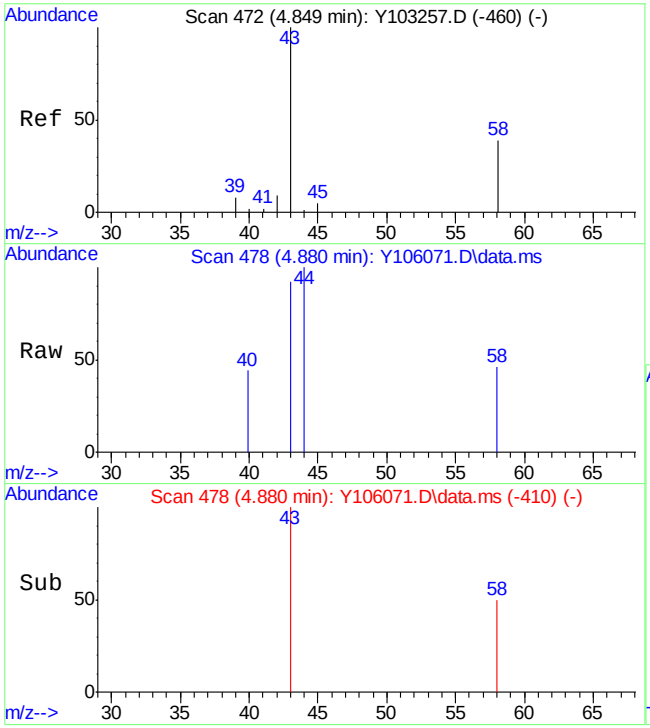
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106071.D
Acq On : 24 Nov 2010 9:01 pm
Operator : alexm1
Sample : JA62028-2
Misc : MS5197,VY4517,4.6,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 29 15:57:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

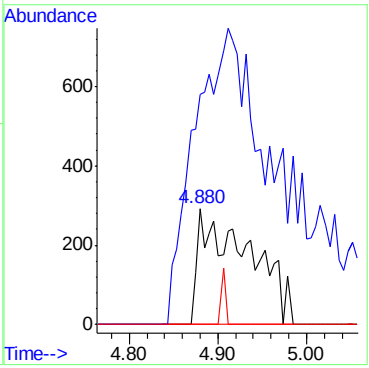




#28
acetone
Concen: 4.46 ug/L m
RT: 4.880 min Scan# 478
Delta R.T. 0.058 min
Lab File: Y106071.D
Acq: 24 Nov 2010 9:01 pm

Tgt Ion: 58 Resp: 1174

Ion	Ratio	Lower	Upper
58	100		
43	199.0	316.1	316.1#
42	0.0	0.0	57.7



Manual Integration Approval Summary

Sample Number: JA62028-2
Lab FileID: Y106071.D
Injection Time: 11/24/10 21:01
Method: SW846 8260B
Analyst approved: 12/02/10 11:28 Ho Joong Kim
Supervisor approved: 12/02/10 14:29 Jessica Reitan-Chu

Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetone	67-64-1		4.88	Baseline ripple

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 12/02/10 14:41

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106072.D
Acq On : 24 Nov 2010 9:31 pm
Operator : alexm1
Sample : JA62028-3
Misc : MS5197,VY4517,4.6,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 01 15:53:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

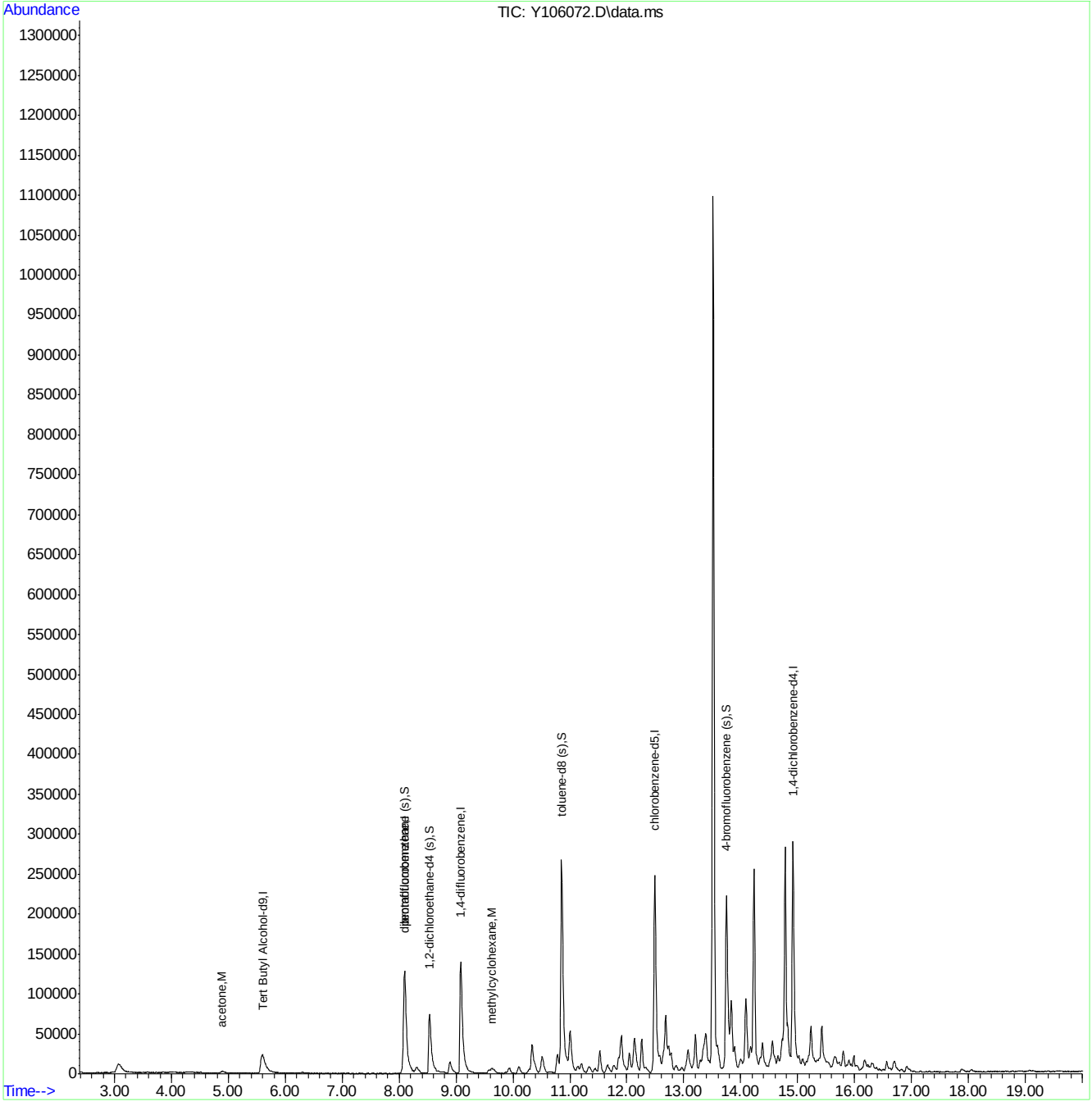
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.602	65	86420	500.00	ug/L	0.04
4) pentafluorobenzene	8.097	168	137142	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.080	114	216778	50.00	ug/L	0.00
92) chlorobenzene-d5	12.490	117	230743	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.917	152	113698	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.086	113	38212	29.03	ug/L	0.02
Spiked Amount 50.000	Range 67 - 127		Recovery = 58.06%#			
54) 1,2-dichloroethane-d4 (s)	8.536	65	91440	56.53	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 113.06%			
84) toluene-d8 (s)	10.858	98	295330	46.90	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 93.80%			
109) 4-bromofluorobenzene (s)	13.751	95	126821	44.98	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 89.96%			
Target Compounds						Qvalue
28) acetone	4.885	58	2890m	10.12	ug/L	
81) methylcyclohexane	9.634	83	4173m	1.36	ug/L	

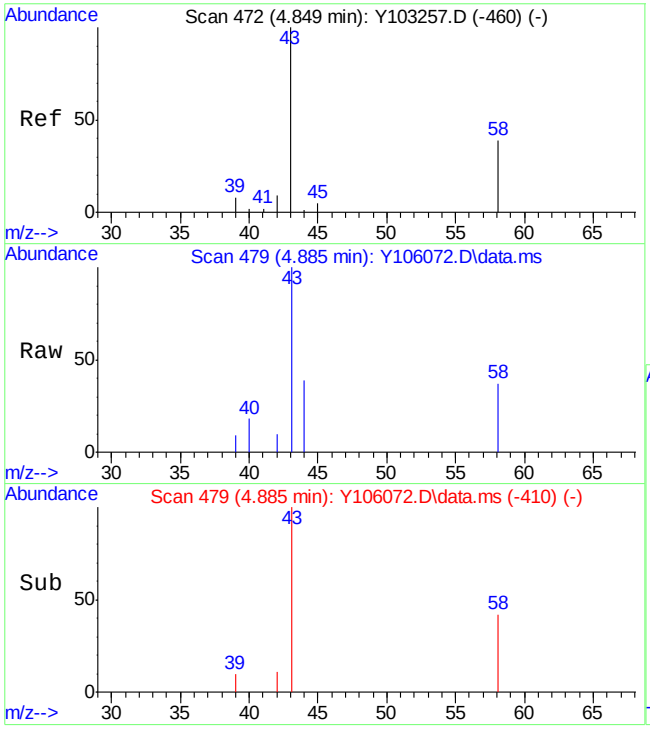
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106072.D
Acq On : 24 Nov 2010 9:31 pm
Operator : alexm1
Sample : JA62028-3
Misc : MS5197,VY4517,4.6,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 01 15:53:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

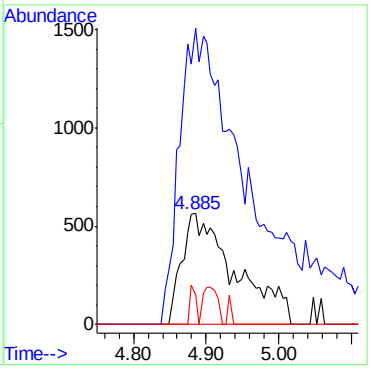


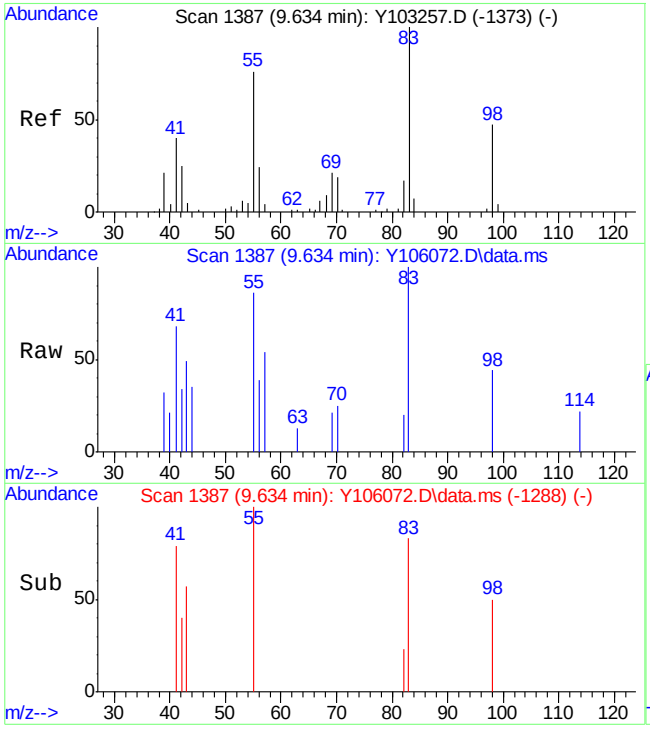


#28
acetone
Concen: 10.12 ug/L m
RT: 4.885 min Scan# 479
Delta R.T. 0.063 min
Lab File: Y106072.D
Acq: 24 Nov 2010 9:31 pm

Tgt Ion: 58 Resp: 2890

Ion	Ratio	Lower	Upper
58	100		
43	267.7	316.1	316.1#
42	27.0	0.0	57.7

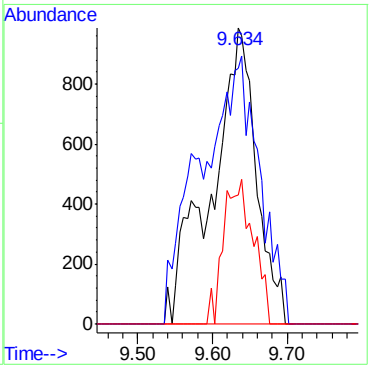




#81
methylcyclohexane
Concen: 1.36 ug/L m
RT: 9.634 min Scan# 1387
Delta R.T. 0.016 min
Lab File: Y106072.D
Acq: 24 Nov 2010 9:31 pm

Tgt Ion: 83 Resp: 4173

Ion	Ratio	Lower	Upper
83	100		
55	86.3	51.4	111.4
98	43.6	17.0	77.0



Manual Integration Approval Summary

Sample Number: JA62028-3
Lab FileID: Y106072.D
Injection Time: 11/24/10 21:31
Method: SW846 8260B
Analyst approved: 12/02/10 11:28 Ho Joong Kim
Supervisor approved: 12/02/10 14:41 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetone	67-64-1		4.89	Baseline ripple
Methylcyclohexane	108-87-2		9.63	Poor instrument integration

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 12/02/10 14:41

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4523-4524\
Data File : Y106213.D
Acq On : 30 Nov 2010 9:37 pm
Operator : alexm1
Sample : JA62028-3cf
Misc : MS5197,VY4523,4.5,,,,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 02 14:39:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

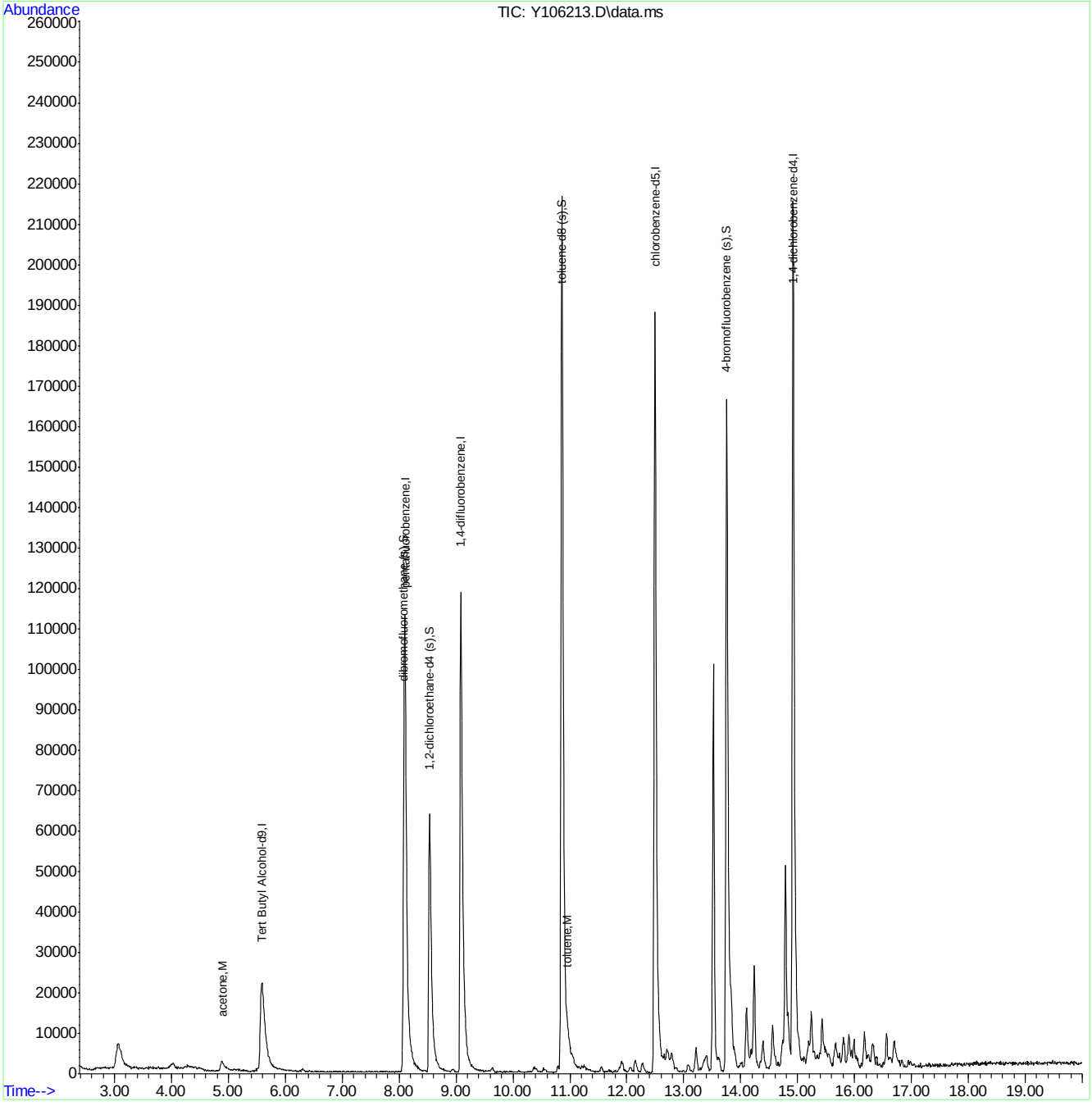
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.586	65	78768	500.00	ug/L	0.02
4) pentafluorobenzene	8.102	168	121667	50.00	ug/L	0.01
59) 1,4-difluorobenzene	9.085	114	185443	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	190153	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.917	152	93111	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.081	113	37174	31.83	ug/L	0.01
Spiked Amount 50.000	Range 67 - 127		Recovery = 63.66%#			
54) 1,2-dichloroethane-d4 (s)	8.536	65	79005	55.05	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 110.10%			
84) toluene-d8 (s)	10.858	98	256444	47.61	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 95.22%			
109) 4-bromofluorobenzene (s)	13.750	95	99623	43.15	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 86.30%			
Target Compounds						Qvalue
28) acetone	4.896	58	2890m	11.41	ug/L	
86) toluene	10.947	92	4882m	1.36	ug/L	

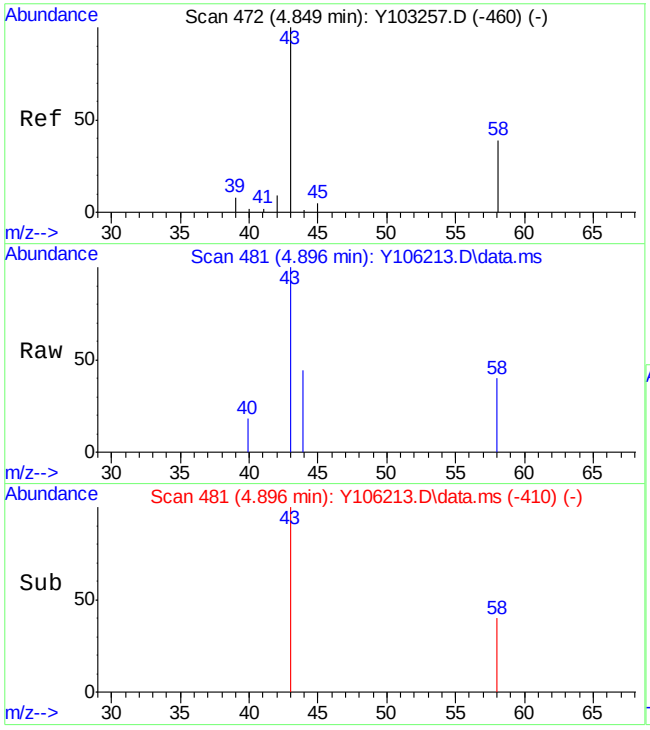
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4523-4524\
Data File : Y106213.D
Acq On : 30 Nov 2010 9:37 pm
Operator : alexm1
Sample : JA62028-3cf
Misc : MS5197,VY4523,4.5,,,,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 02 14:39:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

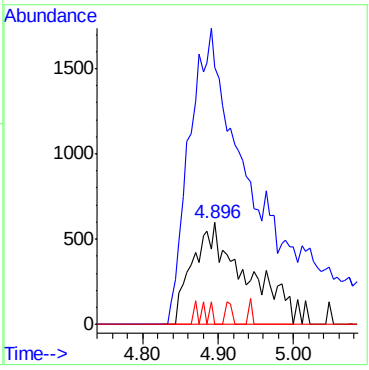


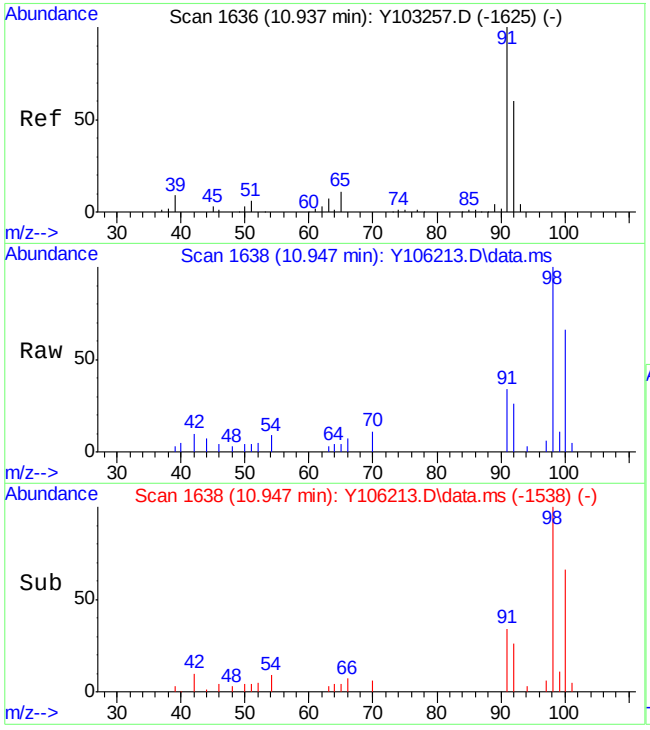


#28
acetone
Concen: 11.41 ug/L m
RT: 4.896 min Scan# 481
Delta R.T. 0.074 min
Lab File: Y106213.D
Acq: 30 Nov 2010 9:37 pm

Tgt Ion: 58 Resp: 2890

Ion	Ratio	Lower	Upper
58	100		
43	252.5	316.1	316.1#
42	0.0	0.0	57.7

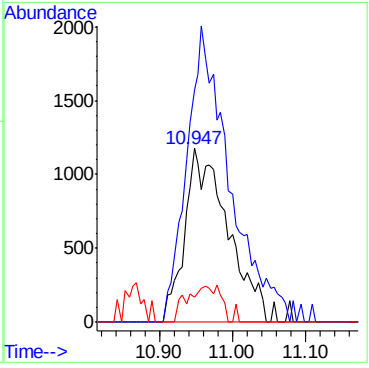




#86
toluene
Concen: 1.36 ug/L m
RT: 10.947 min Scan# 1638
Delta R.T. 0.022 min
Lab File: Y106213.D
Acq: 30 Nov 2010 9:37 pm

Tgt Ion: 92 Resp: 4882

Ion	Ratio	Lower	Upper
92	100		
91	133.4	140.5	200.5#
65	14.4	0.0	49.6



Manual Integration Approval Summary

Sample Number: JA62028-3
Lab FileID: Y106213.D
Injection Time: 11/30/10 21:37
Method: SW846 8260B
Analyst approved: 12/02/10 14:38 Ho Joong Kim
Supervisor approved: 12/02/10 14:41 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetone	67-64-1		4.90	Baseline ripple
Toluene	108-88-3		10.95	Poor instrument integration

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106065.D
Acq On : 24 Nov 2010 6:05 pm
Operator : alexm1
Sample : JA62028-4
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 29 15:50:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

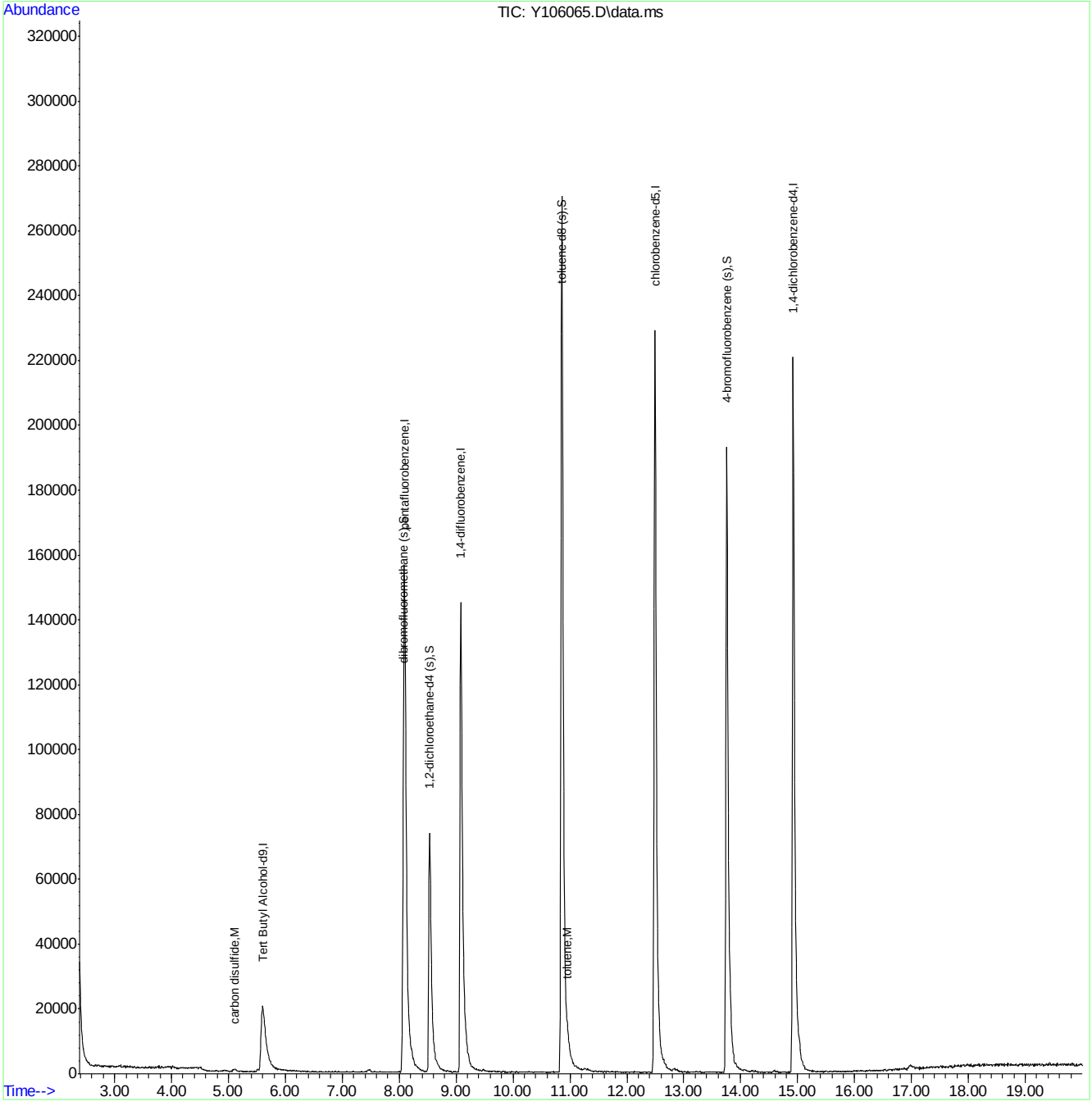
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.602	65	76425	500.00	ug/L	0.04
4) pentafluorobenzene	8.096	168	139644	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.085	114	228628	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	234807	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.922	152	106139	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.075	113	79094	59.01	ug/L	0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 118.02%			
54) 1,2-dichloroethane-d4 (s)	8.536	65	88347	53.64	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 107.28%			
84) toluene-d8 (s)	10.858	98	311971	46.98	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 93.96%			
109) 4-bromofluorobenzene (s)	13.756	95	121613	46.21	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 92.42%			
Target Compounds						Qvalue
33) carbon disulfide	5.105	76	2280	0.47	ug/L	82
86) toluene	10.957	92	4453	1.01	ug/L	96

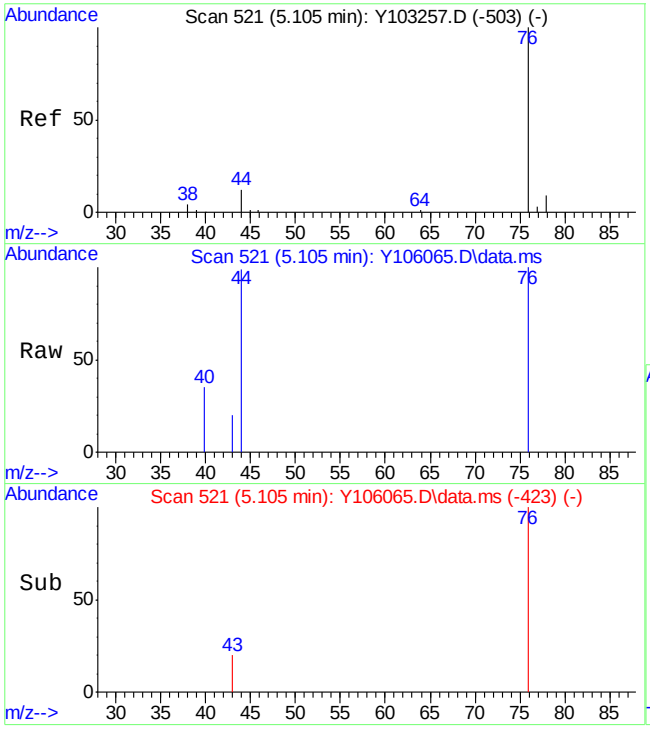
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106065.D
Acq On : 24 Nov 2010 6:05 pm
Operator : alexm1
Sample : JA62028-4
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 29 15:50:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

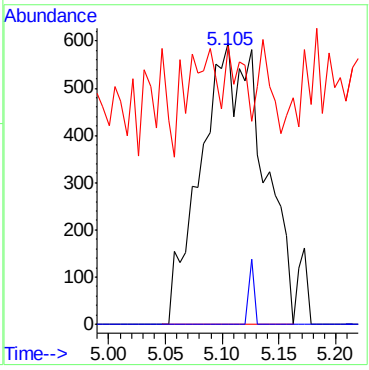


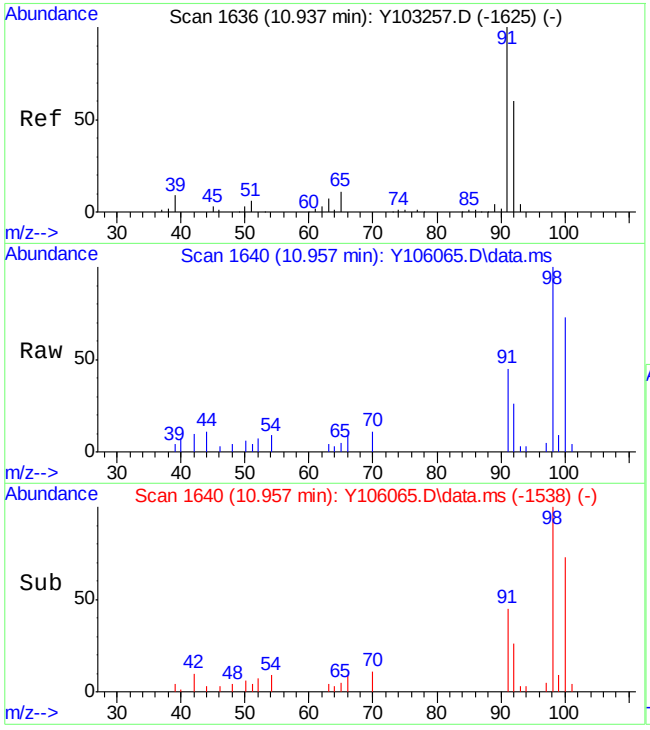


#33
carbon disulfide
Concen: 0.47 ug/L
RT: 5.105 min Scan# 521
Delta R.T. 0.011 min
Lab File: Y106065.D
Acq: 24 Nov 2010 6:05 pm

Tgt Ion: 76 Resp: 2280

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	39.2
44	18.3	0.0	43.3

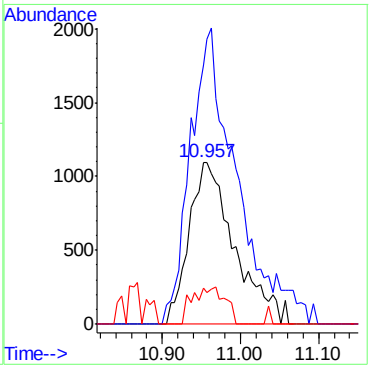




#86
toluene
Concen: 1.01 ug/L
RT: 10.957 min Scan# 1640
Delta R.T. 0.032 min
Lab File: Y106065.D
Acq: 24 Nov 2010 6:05 pm

Tgt Ion: 92 Resp: 4453

Ion	Ratio	Lower	Upper
92	100		
91	176.2	140.5	200.5
65	19.8	0.0	49.6



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 12/02/10 14:39

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106066.D
Acq On : 24 Nov 2010 6:35 pm
Operator : alexm1
Sample : JA62028-5
Misc : MS5197,VY4517,4.5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 29 15:53:03 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

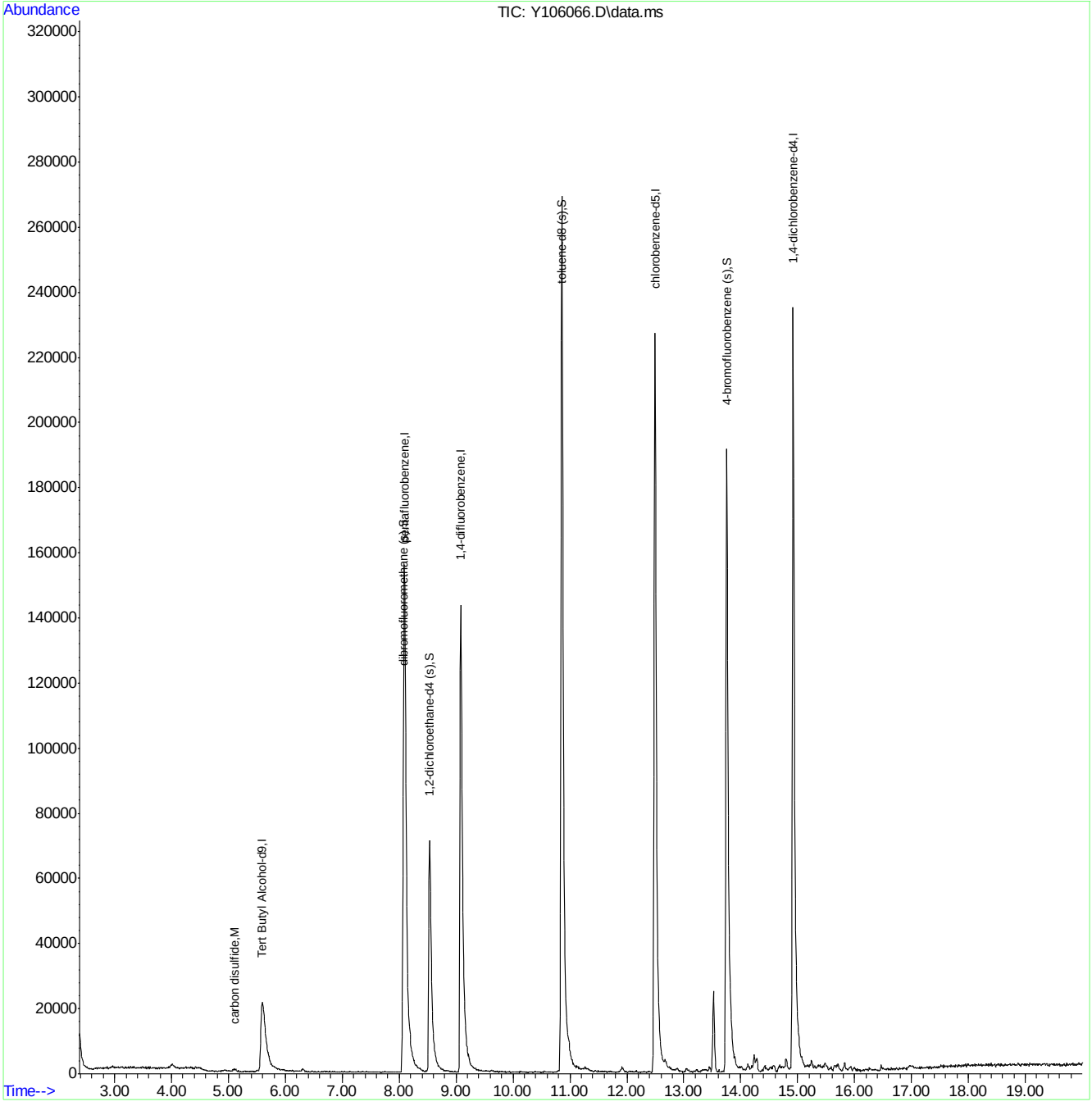
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.596	65	82674	500.00	ug/L	0.03
4) pentafluorobenzene	8.096	168	138636	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.085	114	224010	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	231410	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.922	152	107299	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.075	113	75628	56.84	ug/L	0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 113.68%			
54) 1,2-dichloroethane-d4 (s)	8.536	65	88517	54.13	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 108.26%			
84) toluene-d8 (s)	10.858	98	312861	48.08	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 96.16%			
109) 4-bromofluorobenzene (s)	13.756	95	119505	44.92	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 89.84%			
Target Compounds						Qvalue
33) carbon disulfide	5.105	76	2520m	0.53	ug/L	

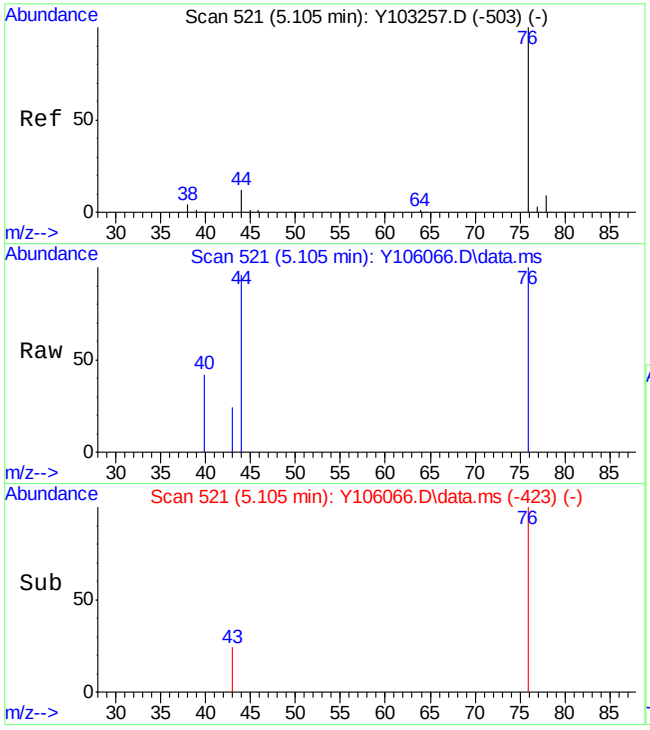
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106066.D
Acq On : 24 Nov 2010 6:35 pm
Operator : alexm1
Sample : JA62028-5
Misc : MS5197,VY4517,4.5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 29 15:53:03 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

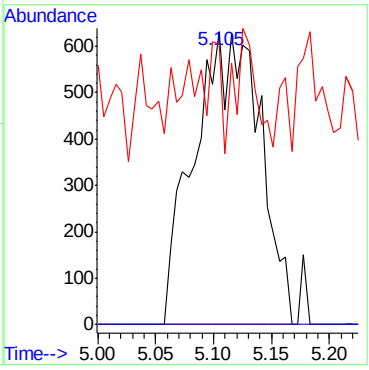




#33
carbon disulfide
Concen: 0.53 ug/L m
RT: 5.105 min Scan# 521
Delta R.T. 0.011 min
Lab File: Y106066.D
Acq: 24 Nov 2010 6:35 pm

Tgt Ion: 76 Resp: 2520

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	39.2
44	95.7	0.0	43.3#



Manual Integration Approval Summary

Sample Number: JA62028-5
Lab FileID: Y106066.D
Injection Time: 11/24/10 18:35
Method: SW846 8260B
Analyst approved: 12/02/10 11:28 Ho Joong Kim
Supervisor approved: 12/02/10 14:39 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Carbon disulfide	75-15-0		5.10	Poor instrument integration

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 12/02/10 14:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106069.D
Acq On : 24 Nov 2010 8:03 pm
Operator : alexm1
Sample : JA62028-6
Misc : MS5197,VY4517,4.6,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 29 15:55:11 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

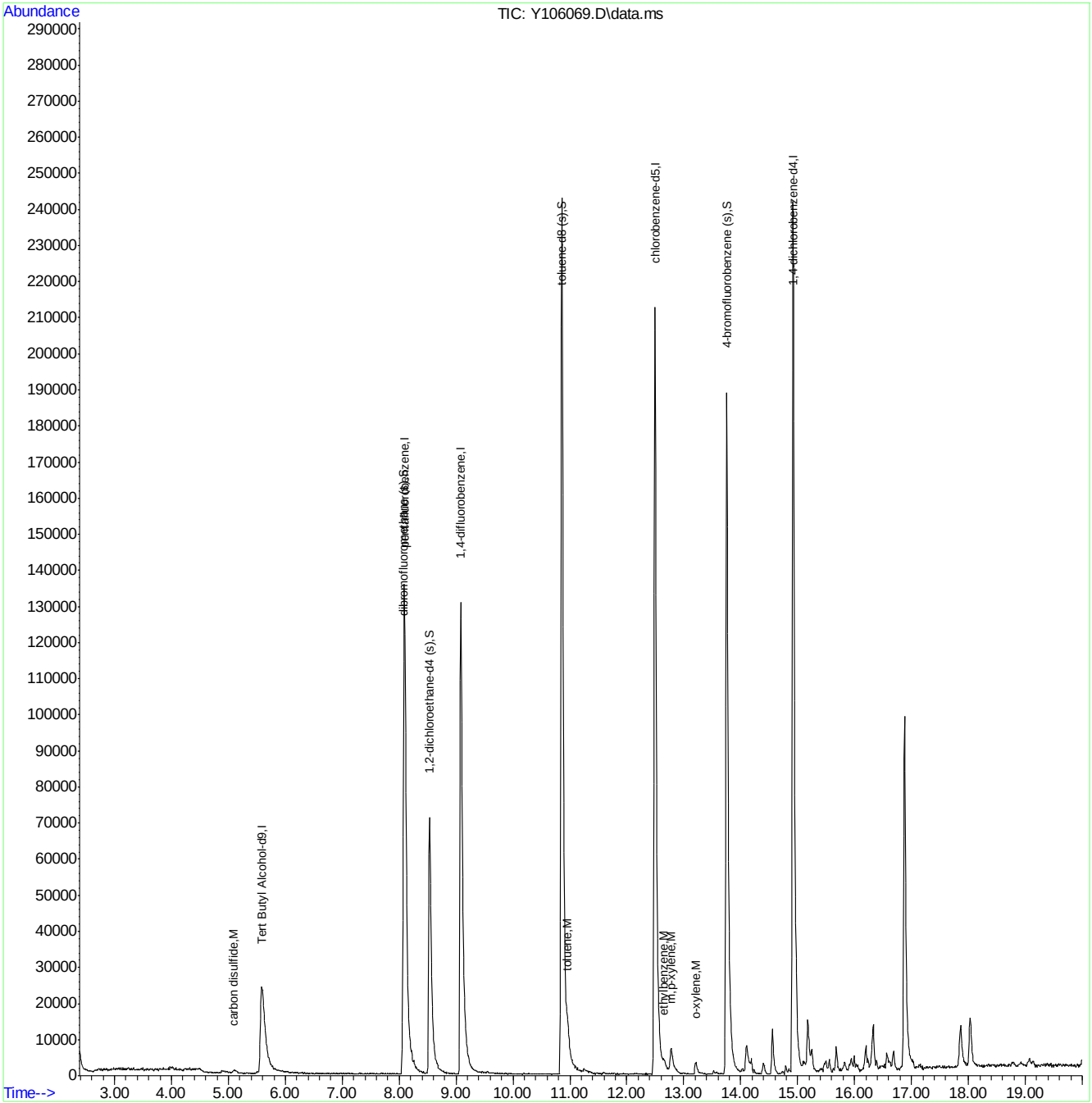
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.591	65	93452	500.00	ug/L	0.03
4) pentafluorobenzene	8.097	168	128731	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.085	114	206282	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	209760	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.922	152	106032	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.081	113	57723	46.72	ug/L	0.01
Spiked Amount 50.000	Range 67 - 127		Recovery = 93.44%			
54) 1,2-dichloroethane-d4 (s)	8.536	65	86998	57.30	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 114.60%			
84) toluene-d8 (s)	10.858	98	282093	47.08	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 94.16%			
109) 4-bromofluorobenzene (s)	13.756	95	114643	43.60	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 87.20%			
Target Compounds						Qvalue
33) carbon disulfide	5.094	76	2455	0.55	ug/L	88
86) toluene	10.952	92	7631	1.92	ug/L	93
102) ethylbenzene	12.652	91	3613	0.43	ug/L	88
103) m,p-xylene	12.772	106	5595m	1.71	ug/L	
104) o-xylene	13.212	106	2258	0.69	ug/L #	56

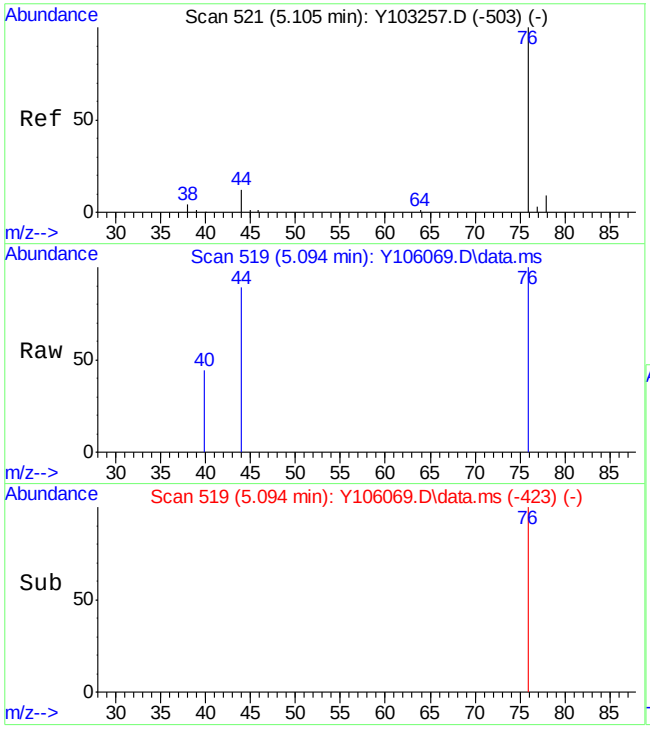
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106069.D
Acq On : 24 Nov 2010 8:03 pm
Operator : alexm1
Sample : JA62028-6
Misc : MS5197,VY4517,4.6,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 29 15:55:11 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

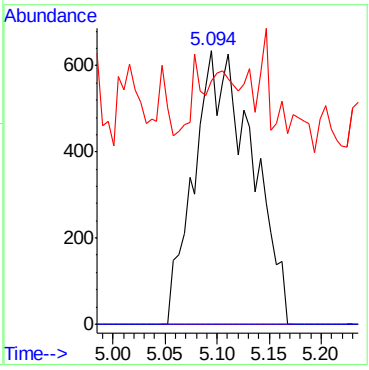


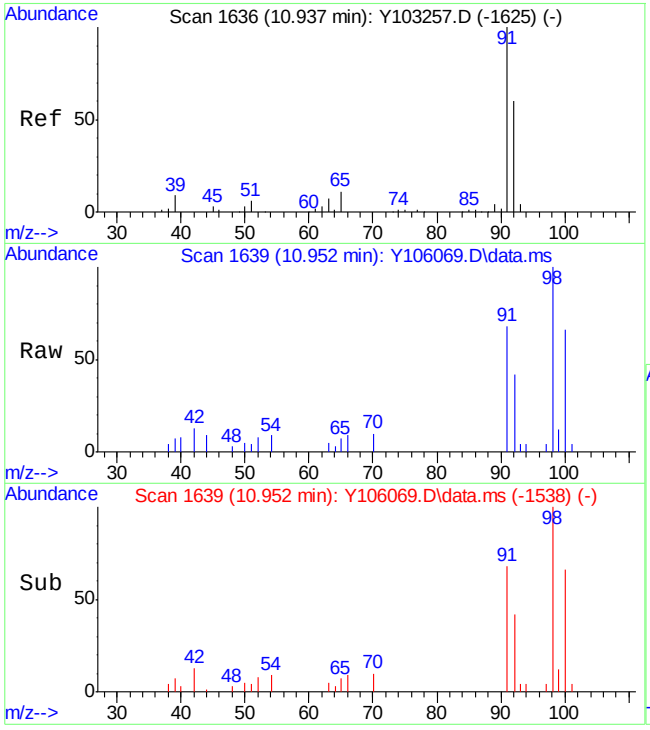


#33
carbon disulfide
Concen: 0.55 ug/L
RT: 5.094 min Scan# 519
Delta R.T. 0.000 min
Lab File: Y106069.D
Acq: 24 Nov 2010 8:03 pm

Tgt Ion: 76 Resp: 2455

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	39.2
44	12.3	0.0	43.3

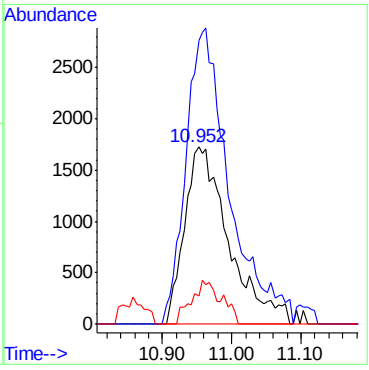


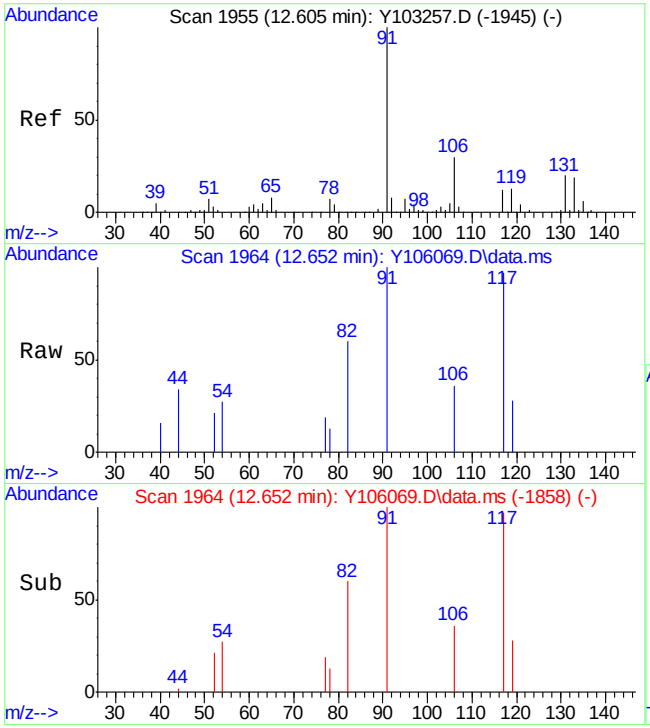


#86
toluene
Concen: 1.92 ug/L
RT: 10.952 min Scan# 1639
Delta R.T. 0.027 min
Lab File: Y106069.D
Acq: 24 Nov 2010 8:03 pm

Tgt Ion: 92 Resp: 7631

Ion	Ratio	Lower	Upper
92	100		
91	160.4	140.5	200.5
65	15.7	0.0	49.6

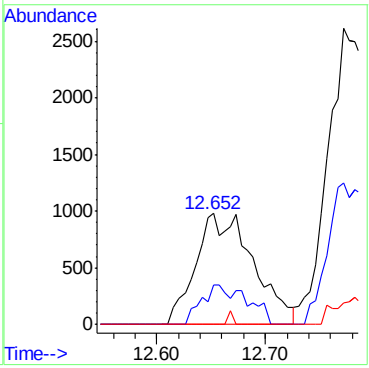


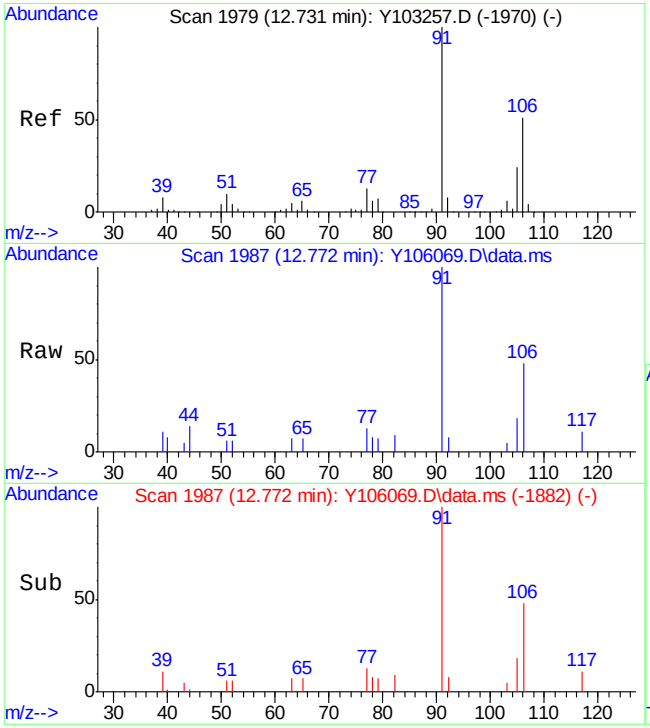


#102
ethylbenzene
Concen: 0.43 ug/L
RT: 12.652 min Scan# 1964
Delta R.T. 0.053 min
Lab File: Y106069.D
Acq: 24 Nov 2010 8:03 pm

Tgt Ion: 91 Resp: 3613

Ion	Ratio	Lower	Upper
91	100		
106	35.9	1.0	61.0
65	0.0	0.0	38.8

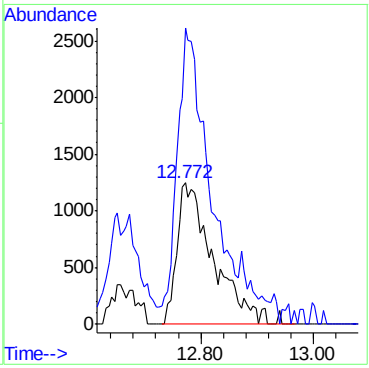


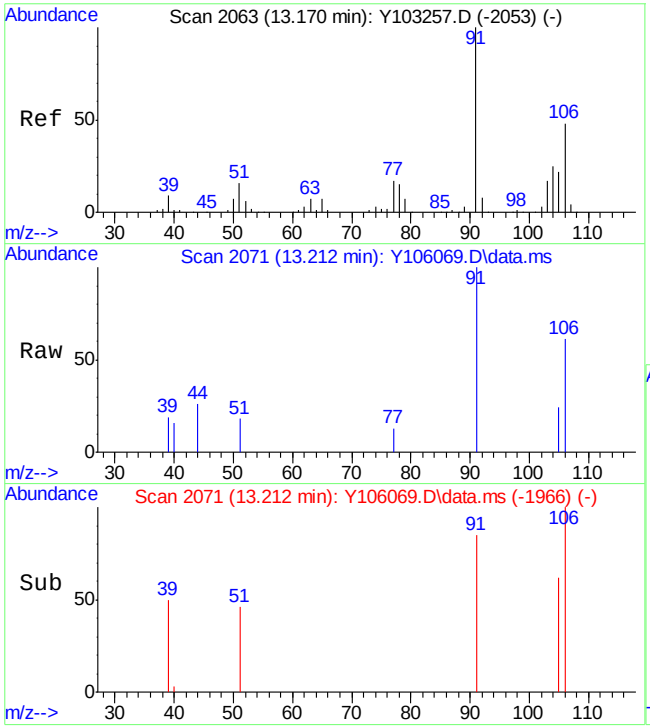


#103
m,p-xylene
Concen: 1.71 ug/L m
RT: 12.772 min Scan# 1987
Delta R.T. 0.047 min
Lab File: Y106069.D
Acq: 24 Nov 2010 8:03 pm

Tgt Ion:106 Resp: 5595

Ion	Ratio	Lower	Upper
106	100		
91	209.5	167.4	227.4

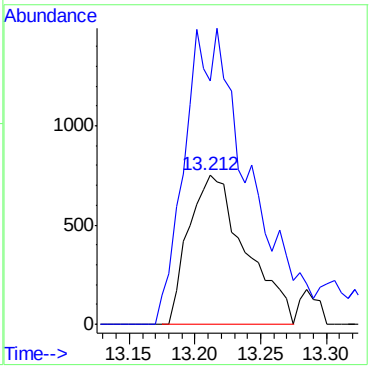




#104
o-xylene
Concen: 0.69 ug/L
RT: 13.212 min Scan# 2071
Delta R.T. 0.047 min
Lab File: Y106069.D
Acq: 24 Nov 2010 8:03 pm

Tgt Ion:106 Resp: 2258

Ion	Ratio	Lower	Upper
106	100		
91	143.8	182.9	242.9#



Manual Integration Approval Summary

Sample Number: JA62028-6
Lab FileID: Y106069.D
Injection Time: 11/24/10 20:03
Method: SW846 8260B
Analyst approved: 12/02/10 11:28 Ho Joong Kim
Supervisor approved: 12/02/10 14:29 Jessica Reitan-Chu

Parameter	CAS	Sig#	R.T. (min.)	Reason
m,p-Xylene			12.77	Baseline ripple

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106067.D
Acq On : 24 Nov 2010 7:04 pm
Operator : alexm1
Sample : JA62028-7
Misc : MS5197,VY4517,4.7,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 29 15:52:32 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

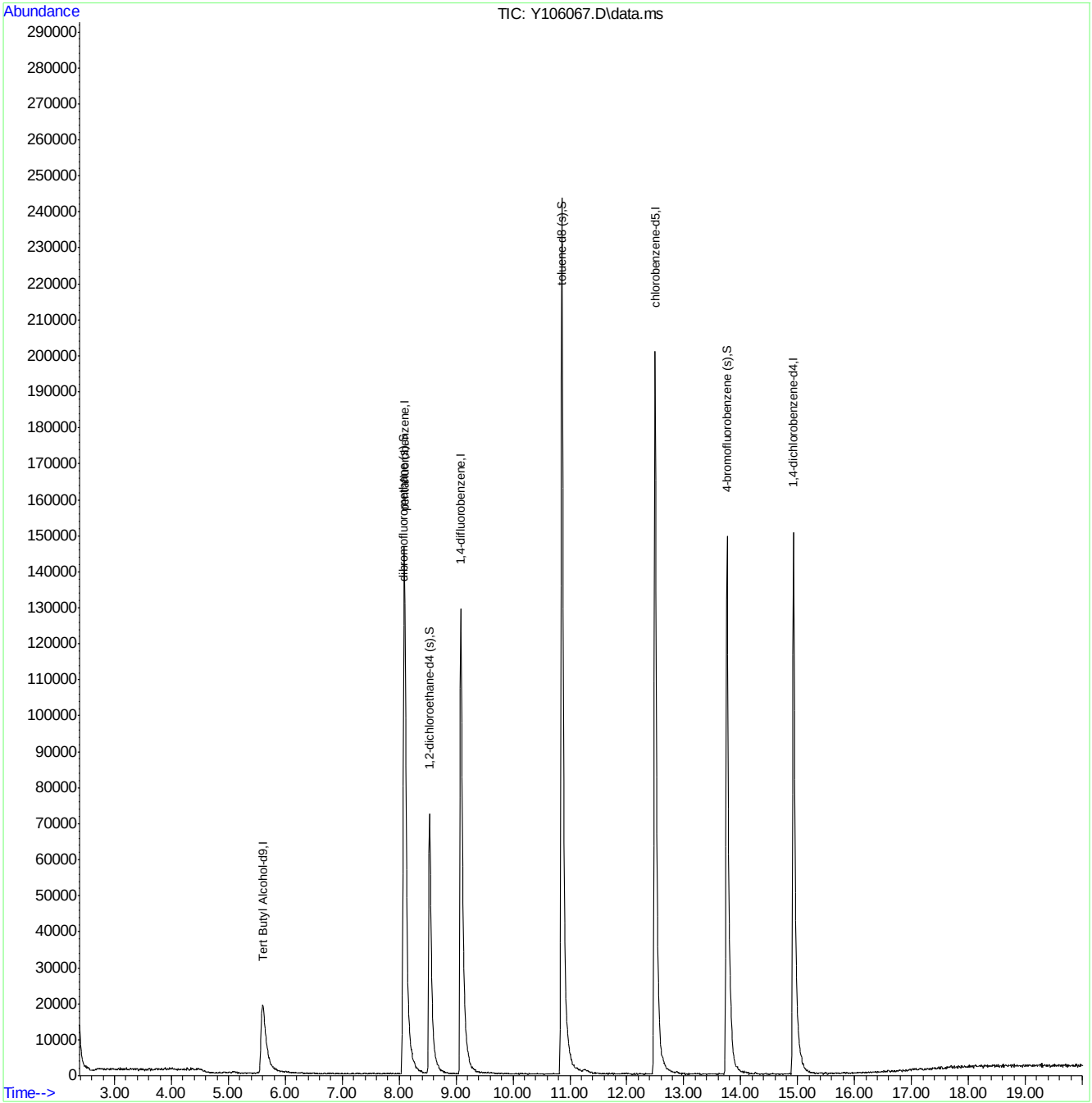
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.602	65	73883	500.00	ug/L	0.04
4) pentafluorobenzene	8.097	168	130188	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.085	114	206693	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	208293	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.927	152	79479	50.00	ug/L	0.01
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.081	113	76259	61.03	ug/L	0.01
Spiked Amount 50.000	Range 67 - 127		Recovery = 122.06%			
54) 1,2-dichloroethane-d4 (s)	8.536	65	88046	57.34	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 114.68%			
84) toluene-d8 (s)	10.858	98	285498	47.55	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 95.10%			
109) 4-bromofluorobenzene (s)	13.761	95	99990	50.74	ug/L	0.01
Spiked Amount 50.000	Range 62 - 138		Recovery = 101.48%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106067.D
Acq On : 24 Nov 2010 7:04 pm
Operator : alexm1
Sample : JA62028-7
Misc : MS5197,VY4517,4.7,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 29 15:52:32 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 12/02/10 14:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106070.D
Acq On : 24 Nov 2010 8:32 pm
Operator : alexm1
Sample : JA62028-8
Misc : MS5197,VY4517,4.7,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 29 15:56:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

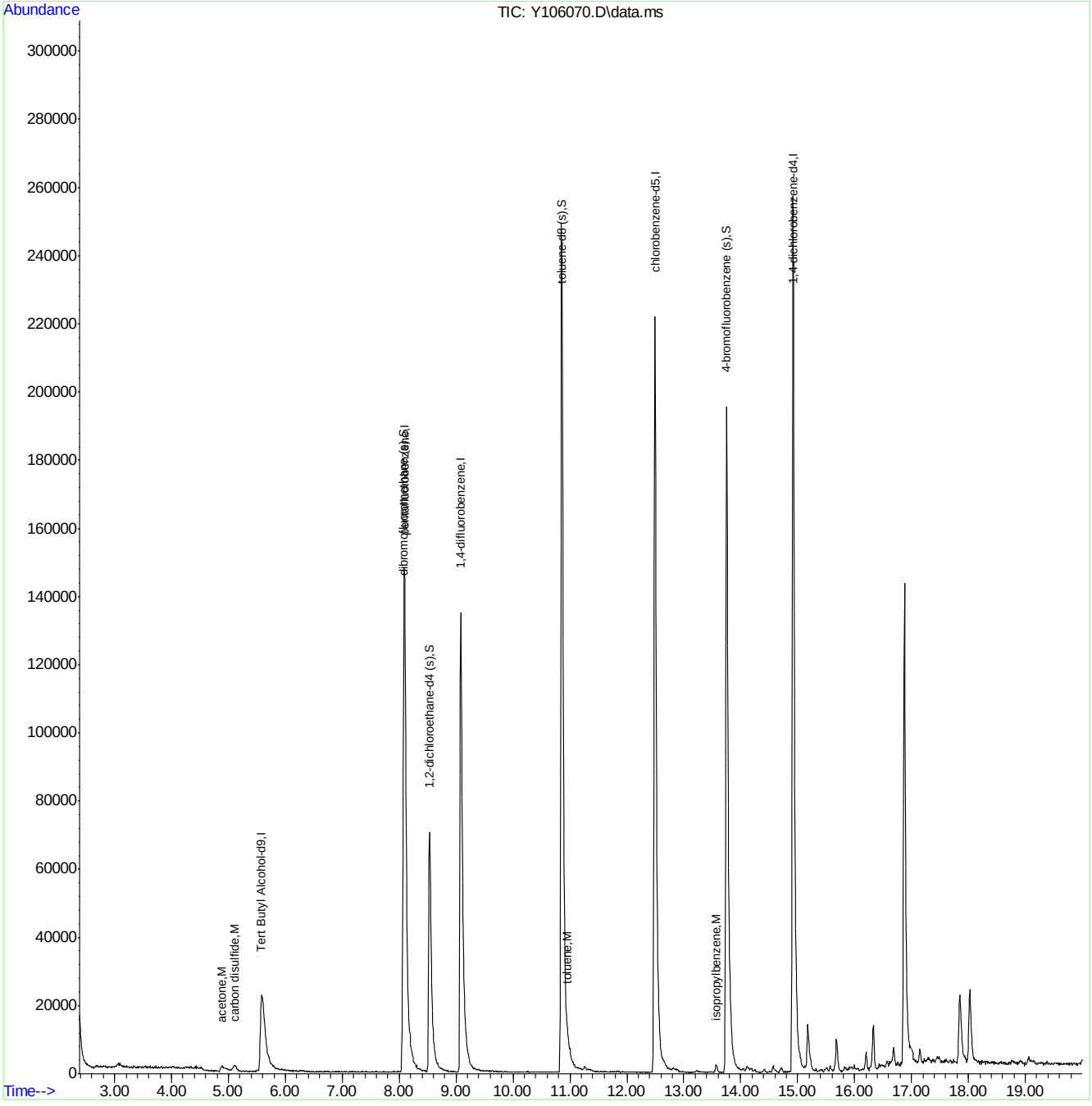
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.581	65	83673	500.00	ug/L	0.02
4) pentafluorobenzene	8.096	168	133901	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.085	114	209875	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	223530	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.922	152	113427	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.081	113	73725	57.36	ug/L	0.01
Spiked Amount 50.000	Range 67 - 127		Recovery = 114.72%			
54) 1,2-dichloroethane-d4 (s)	8.536	65	88578	56.08	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 112.16%			
84) toluene-d8 (s)	10.853	98	294261	48.27	ug/L	0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 96.54%			
109) 4-bromofluorobenzene (s)	13.750	95	121732	43.28	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 86.56%			
Target Compounds						Qvalue
28) acetone	4.880	58	1883m	6.76	ug/L	
33) carbon disulfide	5.105	76	5755	1.25	ug/L	76
86) toluene	10.957	92	3339	0.82	ug/L #	78
108) isopropylbenzene	13.562	105	3010	0.31	ug/L	98

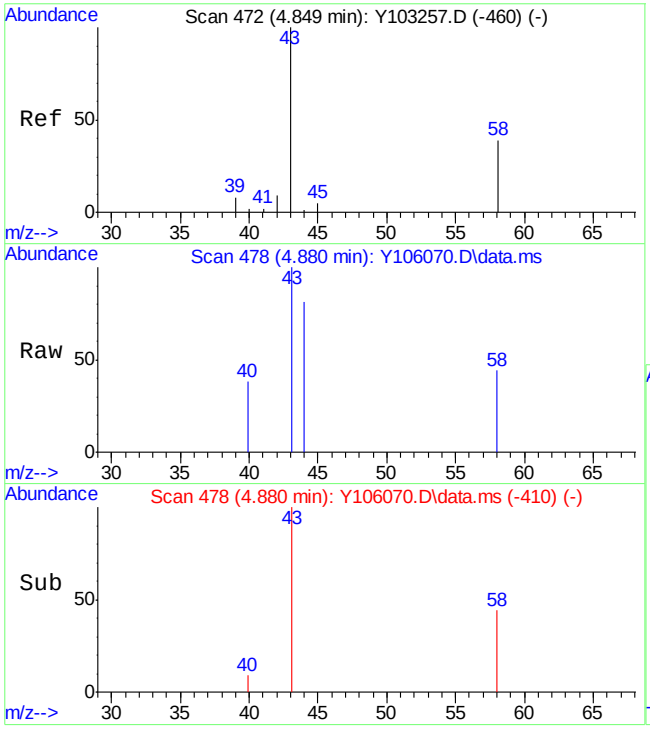
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106070.D
Acq On : 24 Nov 2010 8:32 pm
Operator : alexm1
Sample : JA62028-8
Misc : MS5197,VY4517,4.7,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 29 15:56:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

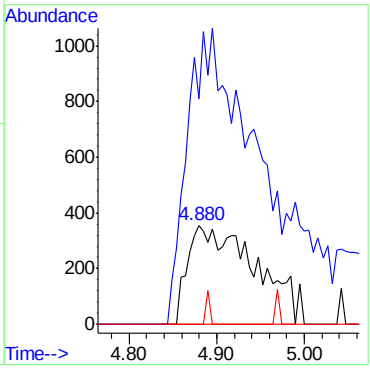


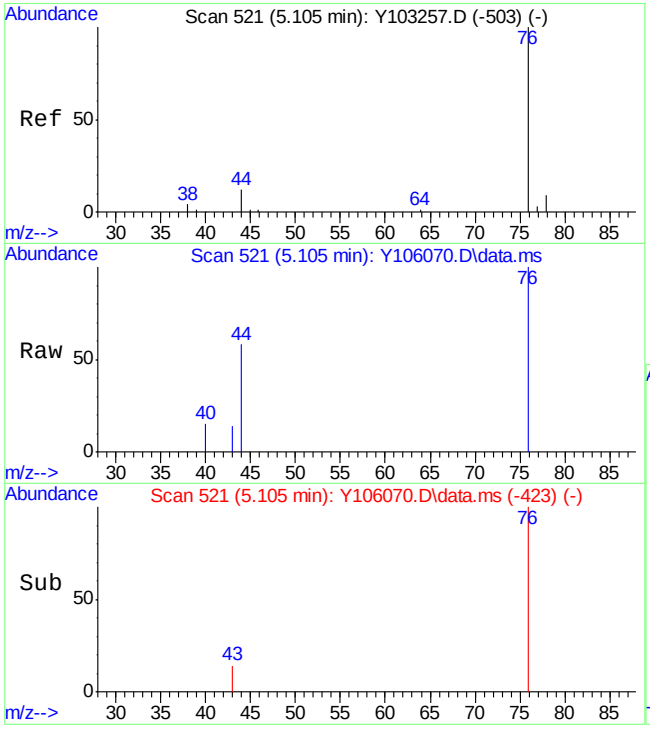


#28
acetone
Concen: 6.76 ug/L m
RT: 4.880 min Scan# 478
Delta R.T. 0.058 min
Lab File: Y106070.D
Acq: 24 Nov 2010 8:32 pm

Tgt Ion: 58 Resp: 1883

Ion	Ratio	Lower	Upper
58	100		
43	227.6	316.1	316.1#
42	0.0	0.0	57.7

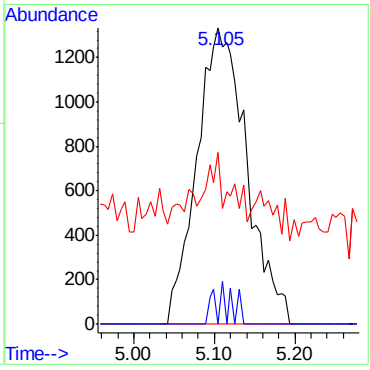


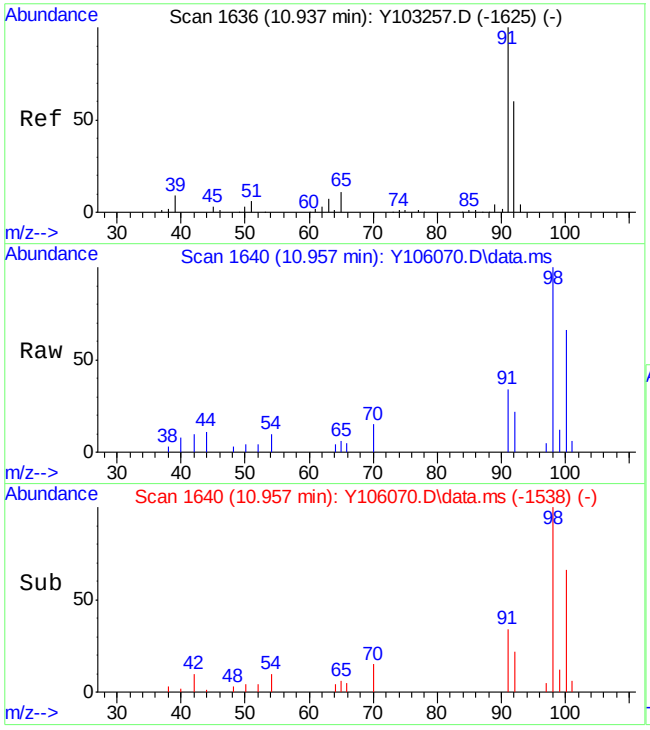


#33
carbon disulfide
Concen: 1.25 ug/L
RT: 5.105 min Scan# 521
Delta R.T. 0.011 min
Lab File: Y106070.D
Acq: 24 Nov 2010 8:32 pm

Tgt Ion: 76 Resp: 5755

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	39.2
44	22.7	0.0	43.3

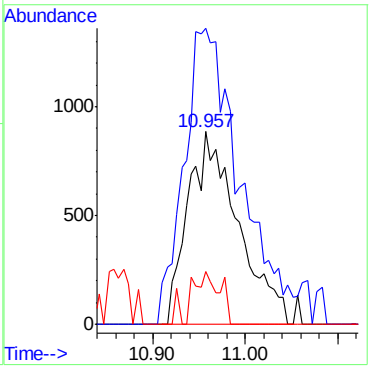


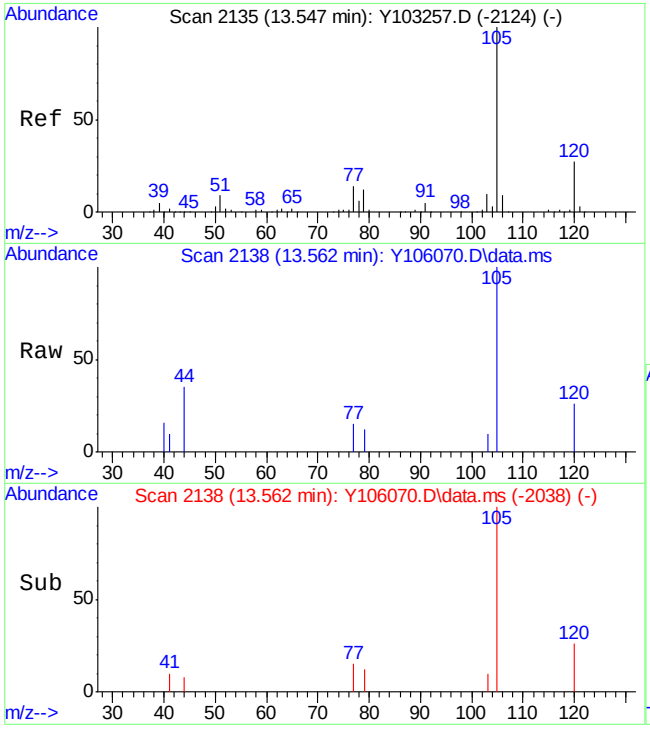


#86
toluene
Concen: 0.82 ug/L
RT: 10.957 min Scan# 1640
Delta R.T. 0.032 min
Lab File: Y106070.D
Acq: 24 Nov 2010 8:32 pm

Tgt Ion: 92 Resp: 3339

Ion	Ratio	Lower	Upper
92	100		
91	139.6	140.5	200.5#
65	27.1	0.0	49.6

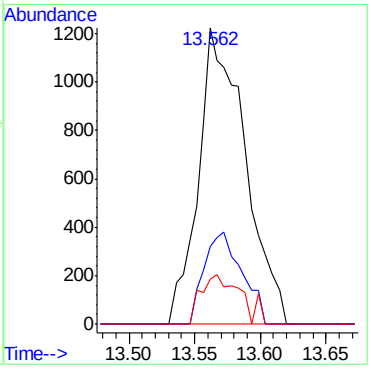




#108
isopropylbenzene
Concen: 0.31 ug/L
RT: 13.562 min Scan# 2138
Delta R.T. 0.021 min
Lab File: Y106070.D
Acq: 24 Nov 2010 8:32 pm

Tgt Ion:105 Resp: 3010

Ion	Ratio	Lower	Upper
105	100		
120	26.0	0.0	57.6
77	15.2	0.0	45.2



Manual Integration Approval Summary

Sample Number:	JA62028-8	**Method:**	SW846 8260B
Lab FileID:	Y106070.D	**Analyst approved:**	12/02/10 11:28 Ho Joong Kim
Injection Time:	11/24/10 20:32	**Supervisor approved:**	12/02/10 14:29 Jessica Reitan-Chu

Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetone	67-64-1		4.88	Baseline ripple

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106068.D
Acq On : 24 Nov 2010 7:33 pm
Operator : alexm1
Sample : JA62028-9
Misc : MS5197,VY4517,4.7,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 29 15:54:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

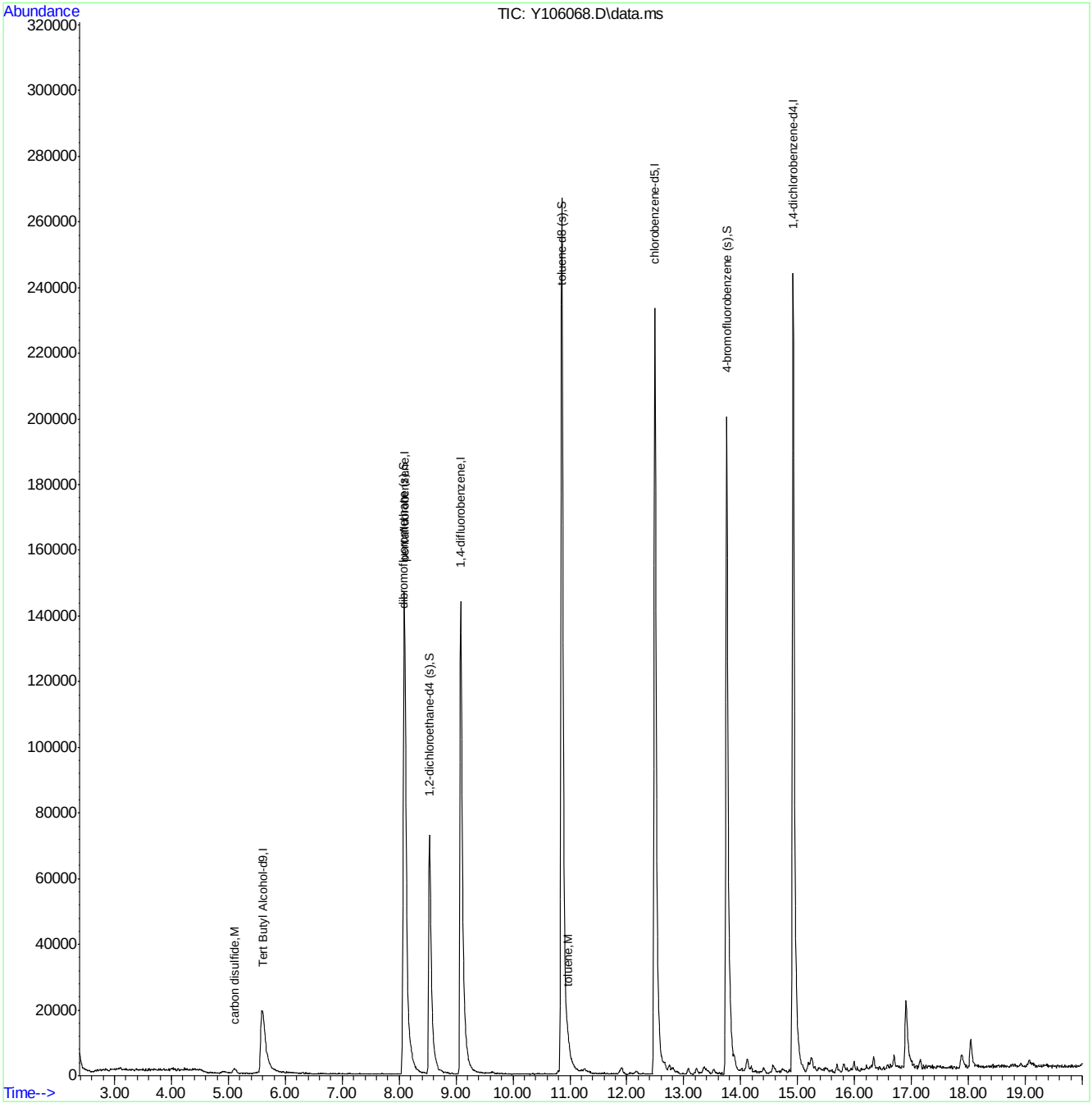
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.602	65	78801	500.00	ug/L	0.04
4) pentafluorobenzene	8.097	168	137803	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.085	114	225264	50.00	ug/L	0.01
92) chlorobenzene-d5	12.490	117	232250	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.922	152	110588	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.081	113	65492	49.52	ug/L	0.01
Spiked Amount 50.000	Range 67 - 127		Recovery = 99.04%			
54) 1,2-dichloroethane-d4 (s)	8.531	65	88699	54.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 109.14%			
84) toluene-d8 (s)	10.858	98	311849	47.66	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 95.32%			
109) 4-bromofluorobenzene (s)	13.756	95	121730	44.39	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 88.78%			
Target Compounds						Qvalue
33) carbon disulfide	5.110	76	4940	1.04	ug/L	90
86) toluene	10.968	92	5589	1.29	ug/L	94

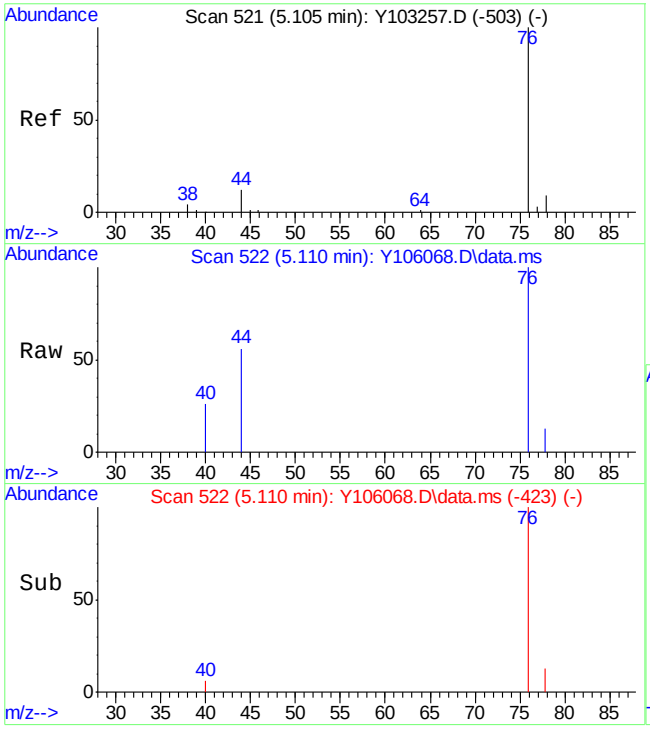
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106068.D
Acq On : 24 Nov 2010 7:33 pm
Operator : alexm1
Sample : JA62028-9
Misc : MS5197,VY4517,4.7,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 29 15:54:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

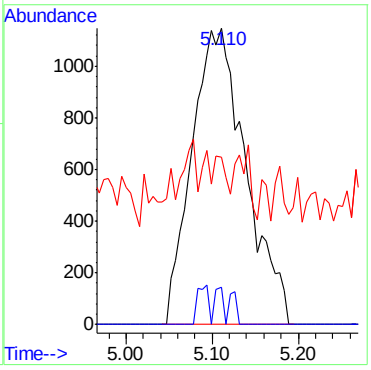


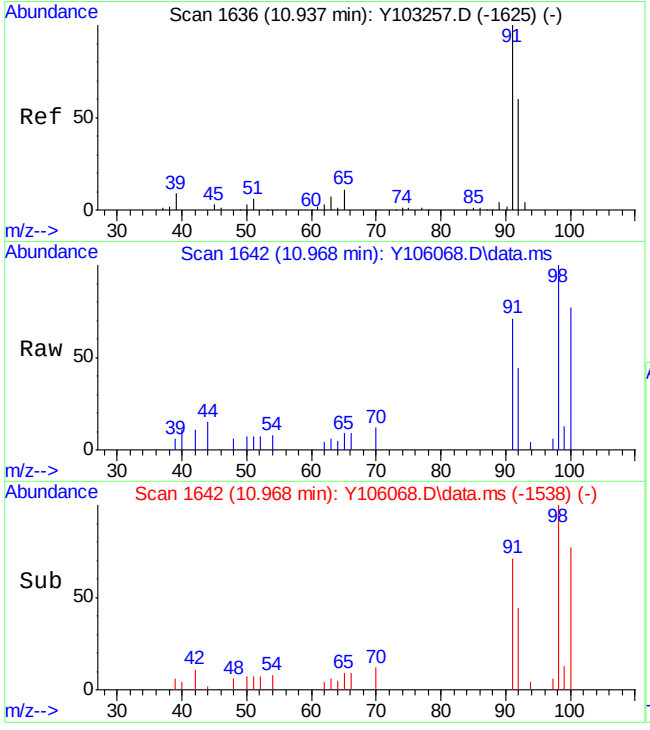


#33
carbon disulfide
Concen: 1.04 ug/L
RT: 5.110 min Scan# 522
Delta R.T. 0.016 min
Lab File: Y106068.D
Acq: 24 Nov 2010 7:33 pm

Tgt Ion: 76 Resp: 4940

Ion	Ratio	Lower	Upper
76	100		
78	12.7	0.0	39.2
44	17.1	0.0	43.3

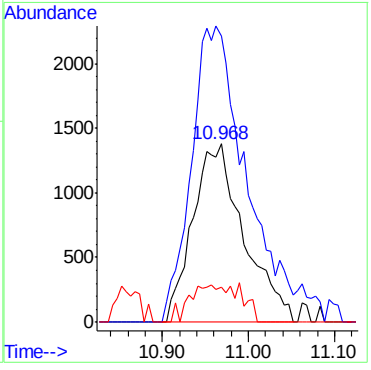




#86
toluene
Concen: 1.29 ug/L
RT: 10.968 min Scan# 1642
Delta R.T. 0.043 min
Lab File: Y106068.D
Acq: 24 Nov 2010 7:33 pm

Tgt Ion: 92 Resp: 5589

Ion	Ratio	Lower	Upper
92	100		
91	160.9	140.5	200.5
65	19.3	0.0	49.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86011.D
Acq On : 30 Nov 2010 6:07 pm
Operator : HennyS
Sample : ja62028-10
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 01 10:51:24 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

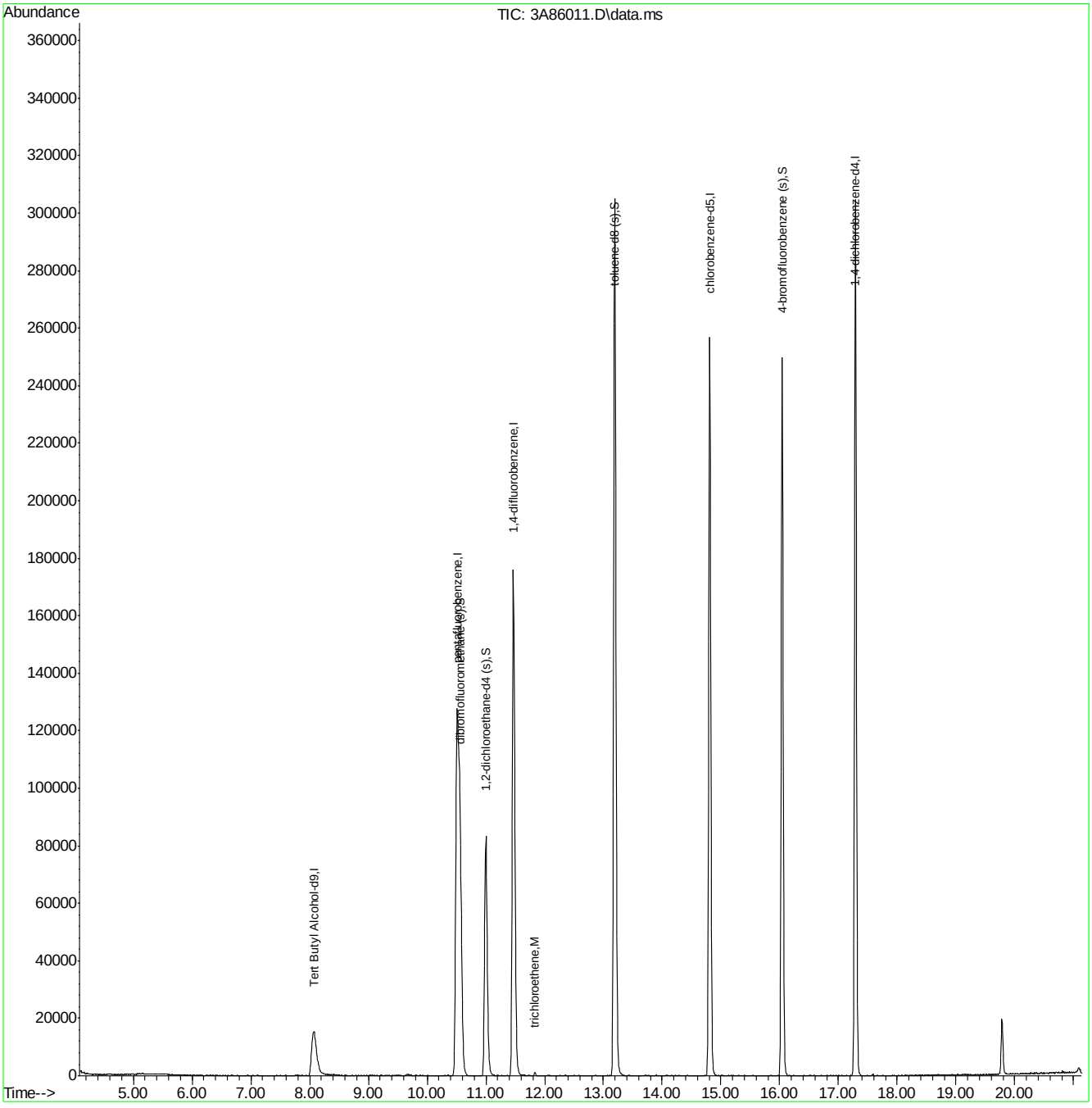
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	8.080	65	60964	500.00	ug/L	0.00
4) pentafluorobenzene	10.513	168	173710	50.00	ug/L	0.00
52) 1,4-difluorobenzene	11.472	114	254837	50.00	ug/L	0.00
81) chlorobenzene-d5	14.807	117	225308	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	17.287	152	119971	50.00	ug/L	0.00
System Monitoring Compounds						
46) dibromofluoromethane (s)	10.560	113	86113	44.42	ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 88.84%			
47) 1,2-dichloroethane-d4 (s)	11.000	65	96453	44.25	ug/L	0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 88.50%			
73) toluene-d8 (s)	13.192	98	330856	46.92	ug/L	0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 93.84%			
97) 4-bromofluorobenzene (s)	16.044	95	125747	47.16	ug/L	0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 94.32%			
Target Compounds						Qvalue
64) trichloroethene	11.829	95	581	0.32	ug/L	# 81

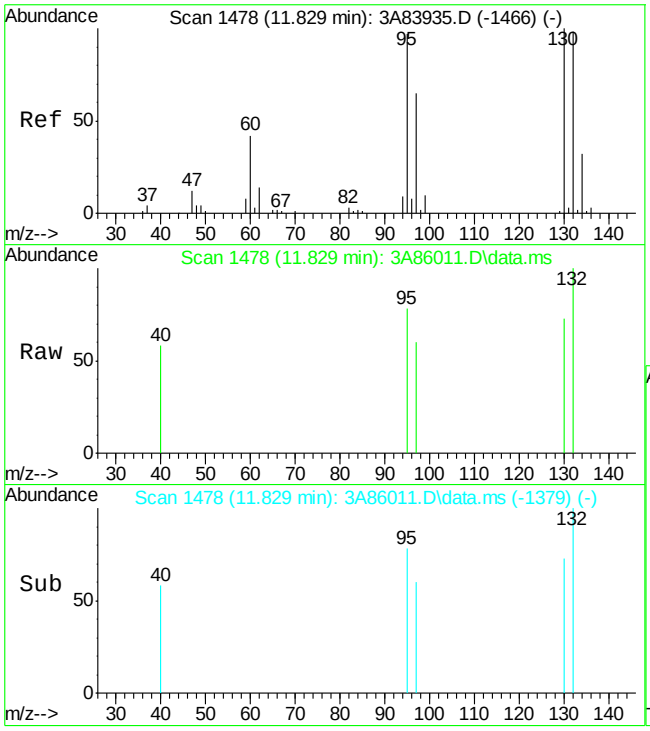
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86011.D
Acq On : 30 Nov 2010 6:07 pm
Operator : HennyS
Sample : ja62028-10
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 01 10:51:24 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

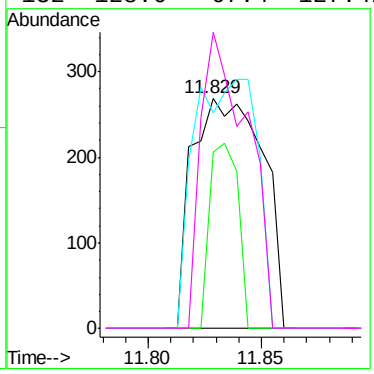




#64
trichloroethene
Concen: 0.32 ug/L
RT: 11.829 min Scan# 1478
Delta R.T. 0.000 min
Lab File: 3A86011.D
Acq: 30 Nov 2010 6:07 pm

Tgt Ion: 95 Resp: 581

Ion	Ratio	Lower	Upper
95	100		
97	76.6	33.9	93.9
130	93.7	71.7	131.7
132	128.6	67.4	127.4#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86012.D
Acq On : 30 Nov 2010 6:36 pm
Operator : HennyS
Sample : ja62028-11
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 01 10:52:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

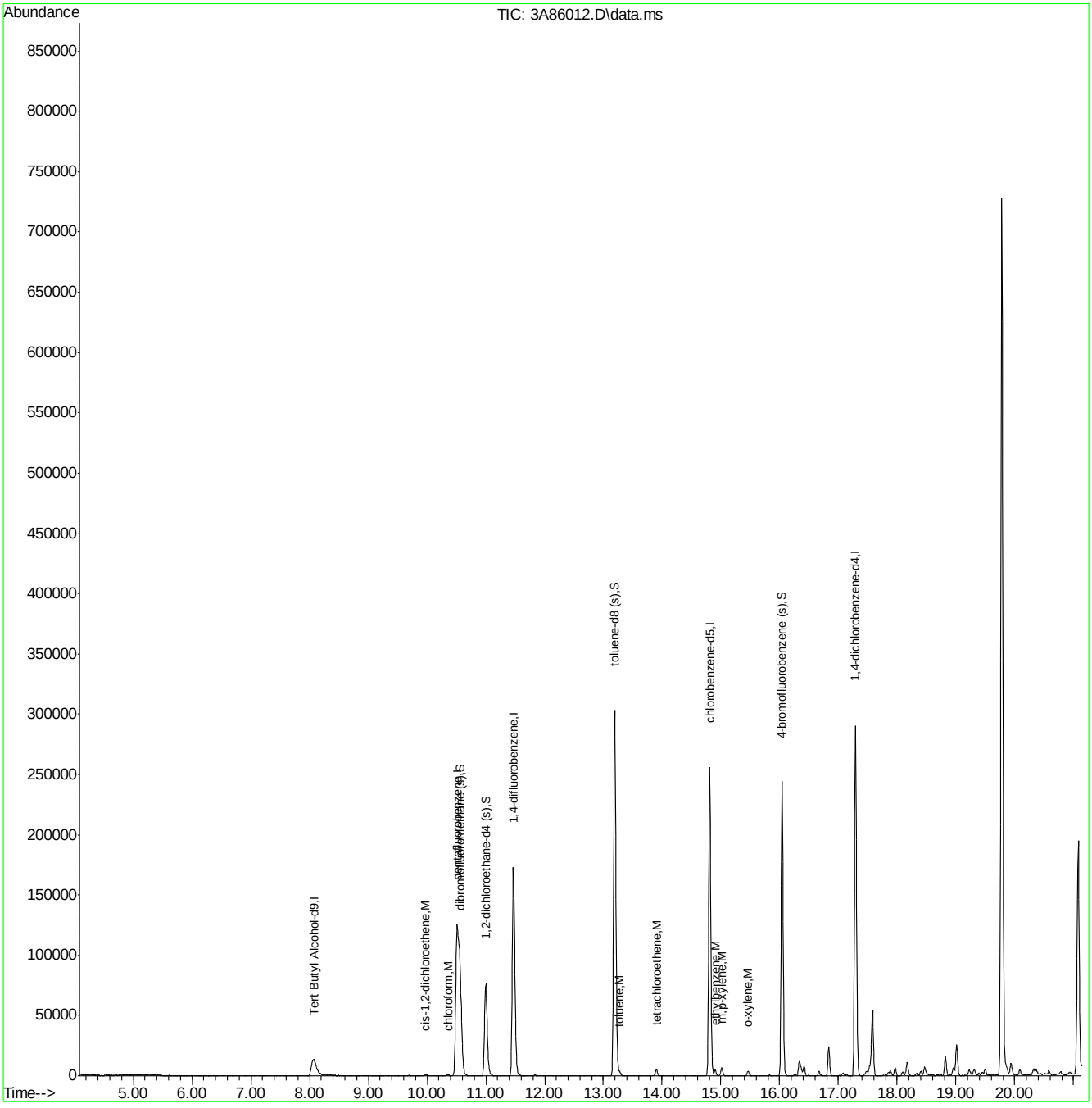
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	8.074	65	59662	500.00	ug/L	0.00
4) pentafluorobenzene	10.512	168	170959	50.00	ug/L	0.00
52) 1,4-difluorobenzene	11.467	114	250791	50.00	ug/L	0.00
81) chlorobenzene-d5	14.806	117	218321	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	17.286	152	116245	50.00	ug/L	0.00
System Monitoring Compounds						
46) dibromofluoromethane (s)	10.560	113	86135	45.15	ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 90.30%			
47) 1,2-dichloroethane-d4 (s)	11.000	65	90177	42.04	ug/L	0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 84.08%			
73) toluene-d8 (s)	13.192	98	323636	46.64	ug/L	0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 93.28%			
97) 4-bromofluorobenzene (s)	16.039	95	121658	47.09	ug/L	0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 94.18%			
Target Compounds						Qvalue
39) cis-1,2-dichloroethene	9.967	96	648	0.32	ug/L #	71
44) chloroform	10.355	85	881	0.44	ug/L #	72
75) toluene	13.270	92	2055	0.46	ug/L	81
82) tetrachloroethene	13.899	164	2357	1.70	ug/L	96
90) ethylbenzene	14.901	91	7029	0.89	ug/L	97
91) m,p-xylene	15.011	106	3957	1.30	ug/L	94
92) o-xylene	15.462	106	2296	0.75	ug/L	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

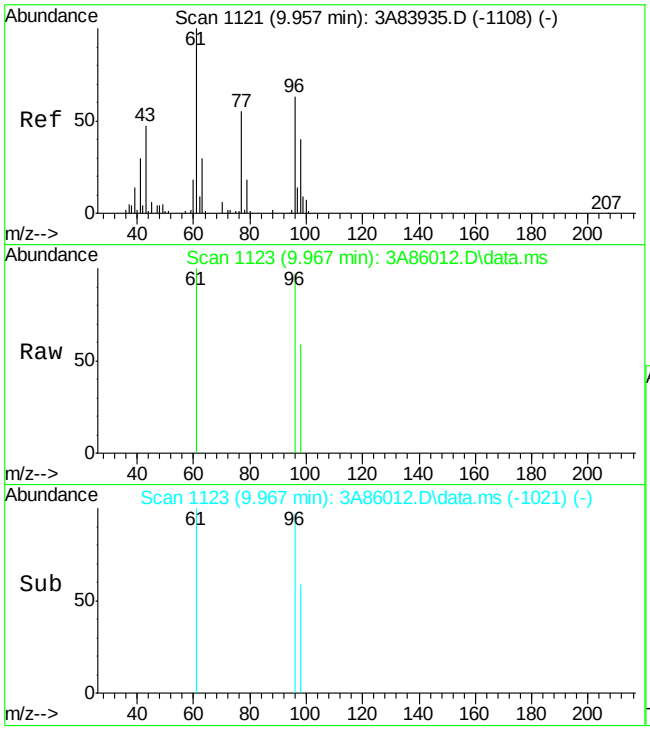
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86012.D
Acq On : 30 Nov 2010 6:36 pm
Operator : HennyS
Sample : ja62028-11
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 01 10:52:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration



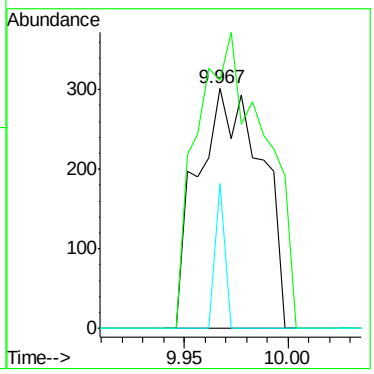
M3A3607.M Wed Dec 01 11:38:32 2010 VOA-06 Page: 2

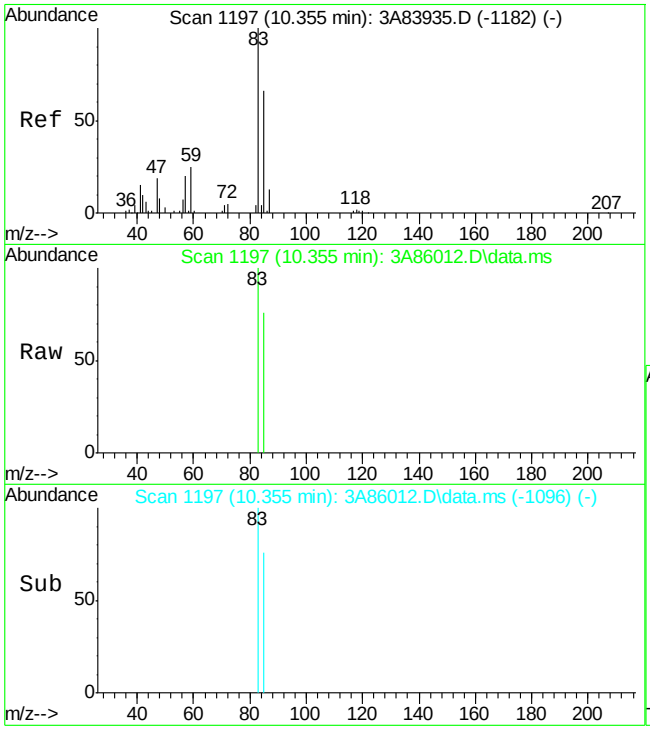


#39
cis-1,2-dichloroethene
Concen: 0.32 ug/L
RT: 9.967 min Scan# 1123
Delta R.T. 0.006 min
Lab File: 3A86012.D
Acq: 30 Nov 2010 6:36 pm

Tgt Ion: 96 Resp: 648

Ion	Ratio	Lower	Upper
96	100		
61	103.0	123.4	183.4#
98	60.3	35.6	95.6

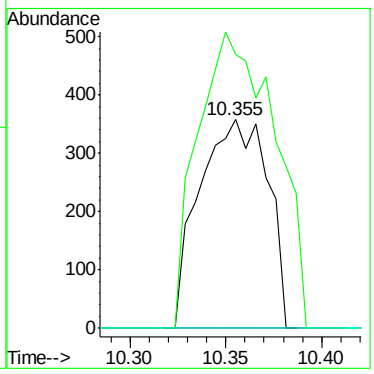


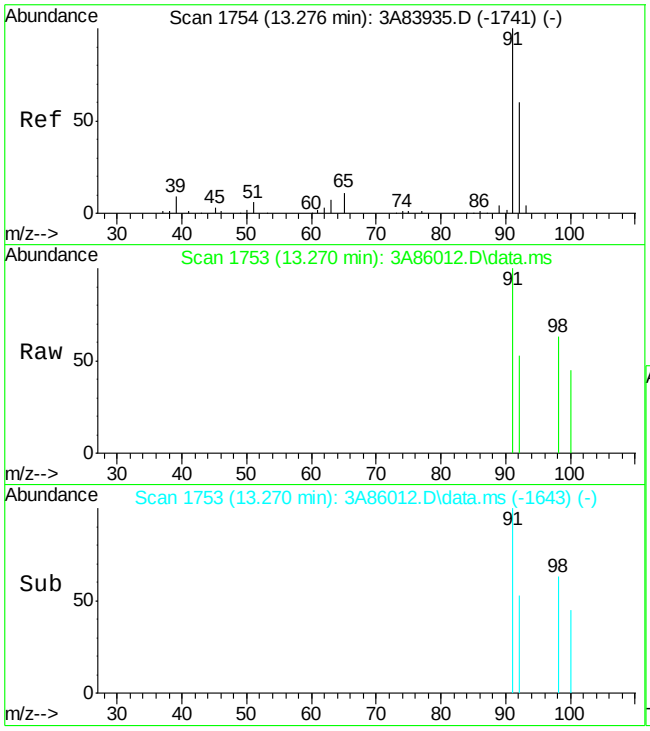


#44
chloroform
Concen: 0.44 ug/L
RT: 10.355 min Scan# 1197
Delta R.T. -0.000 min
Lab File: 3A86012.D
Acq: 30 Nov 2010 6:36 pm

Tgt Ion: 85 Resp: 881

Ion	Ratio	Lower	Upper
85	100		
83	131.3	127.7	187.7
47	0.0	6.2	66.2#

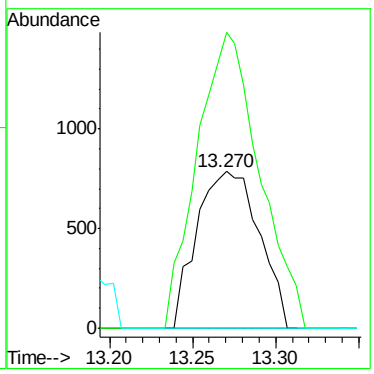


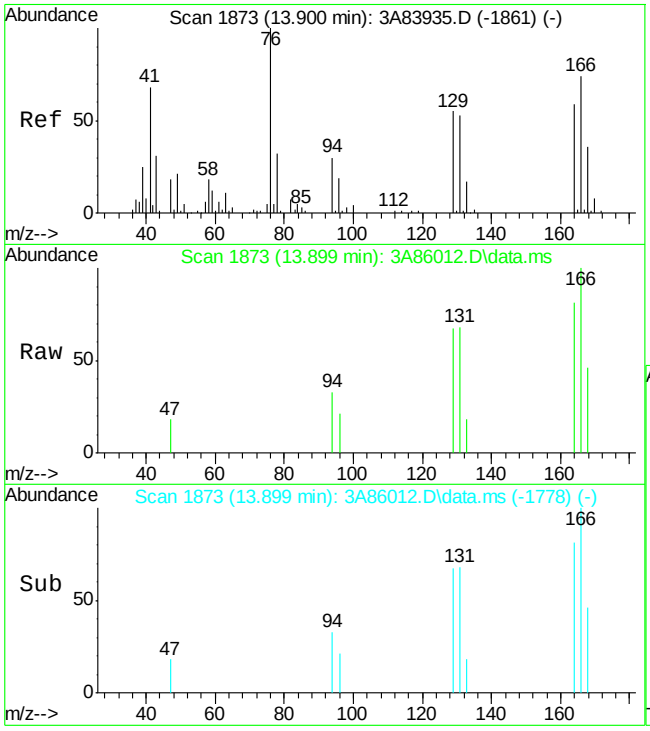


#75
toluene
Concen: 0.46 ug/L
RT: 13.270 min Scan# 1753
Delta R.T. -0.005 min
Lab File: 3A86012.D
Acq: 30 Nov 2010 6:36 pm

Tgt Ion: 92 Resp: 2055

Ion	Ratio	Lower	Upper
92	100		
91	188.9	136.5	196.5
65	0.0	0.0	49.0

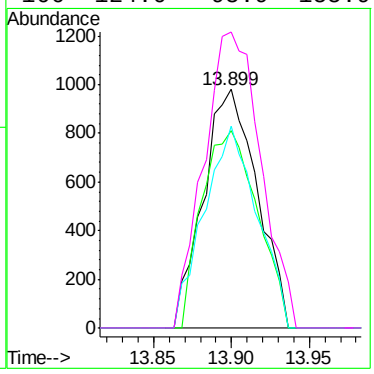


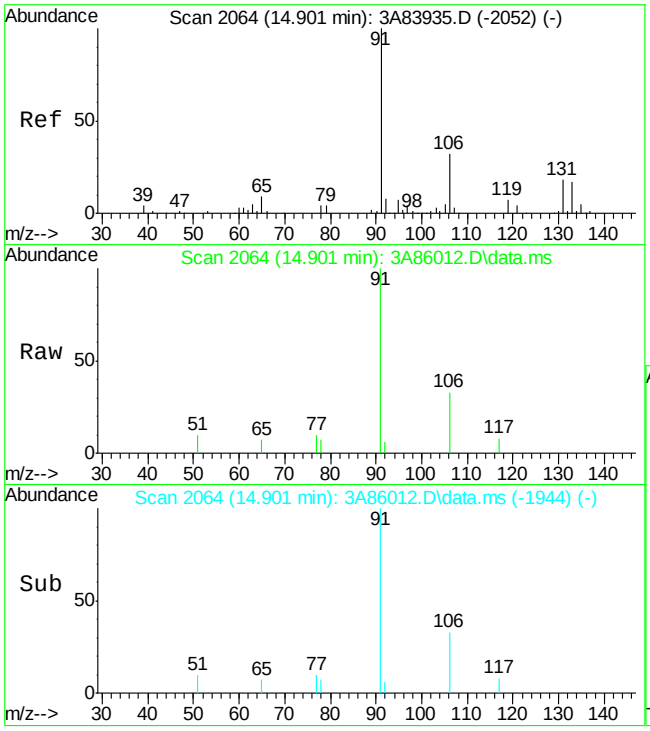


#82
tetrachloroethene
Concen: 1.70 ug/L
RT: 13.899 min Scan# 1873
Delta R.T. -0.000 min
Lab File: 3A86012.D
Acq: 30 Nov 2010 6:36 pm

Tgt Ion:164 Resp: 2357

Ion	Ratio	Lower	Upper
164	100		
129	82.6	60.5	120.5
131	84.4	58.5	118.5
166	124.0	95.9	155.9

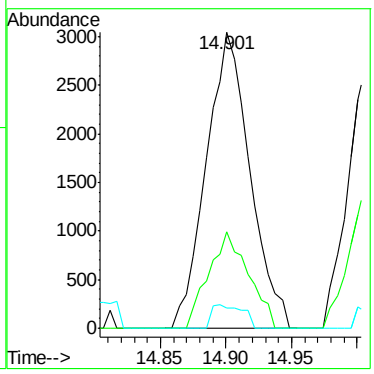


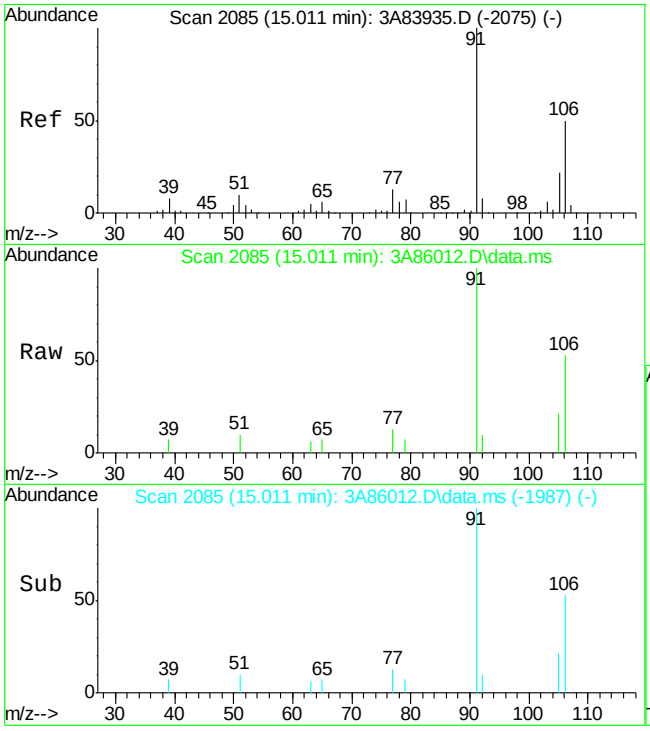


#90
ethylbenzene
Concen: 0.89 ug/L
RT: 14.901 min Scan# 2064
Delta R.T. -0.000 min
Lab File: 3A86012.D
Acq: 30 Nov 2010 6:36 pm

Tgt Ion: 91 Resp: 7029

Ion	Ratio	Lower	Upper
91	100		
106	32.8	1.7	61.7
65	6.7	0.0	38.7

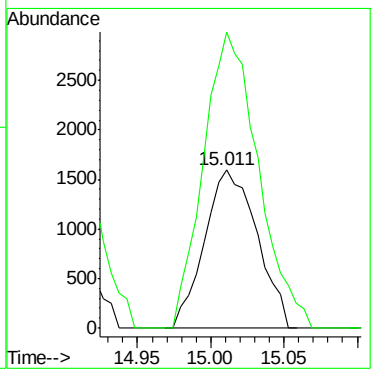


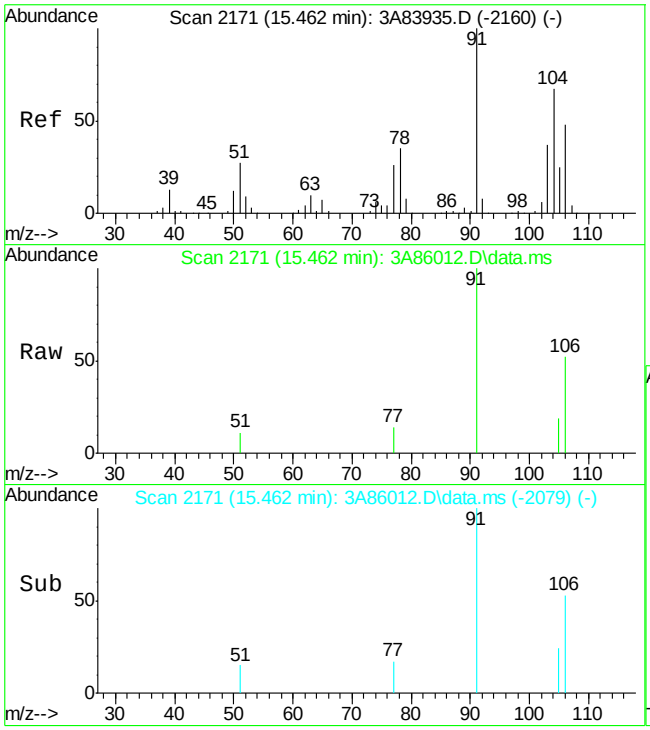


#91
m,p-xylene
Concen: 1.30 ug/L
RT: 15.011 min Scan# 2085
Delta R.T. -0.005 min
Lab File: 3A86012.D
Acq: 30 Nov 2010 6:36 pm

Tgt Ion:106 Resp: 3957

Ion	Ratio	Lower	Upper
106	100		
91	187.5	166.6	226.6

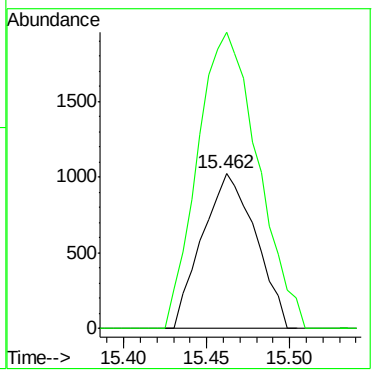




#92
o-xylene
Concen: 0.75 ug/L
RT: 15.462 min Scan# 2171
Delta R.T. -0.000 min
Lab File: 3A86012.D
Acq: 30 Nov 2010 6:36 pm

Tgt Ion:106 Resp: 2296

Ion	Ratio	Lower	Upper
106	100		
91	190.8	177.4	237.4



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106010.D
Acq On : 23 Nov 2010 12:57 pm
Operator : alexm1
Sample : MB
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 24 16:54:57 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

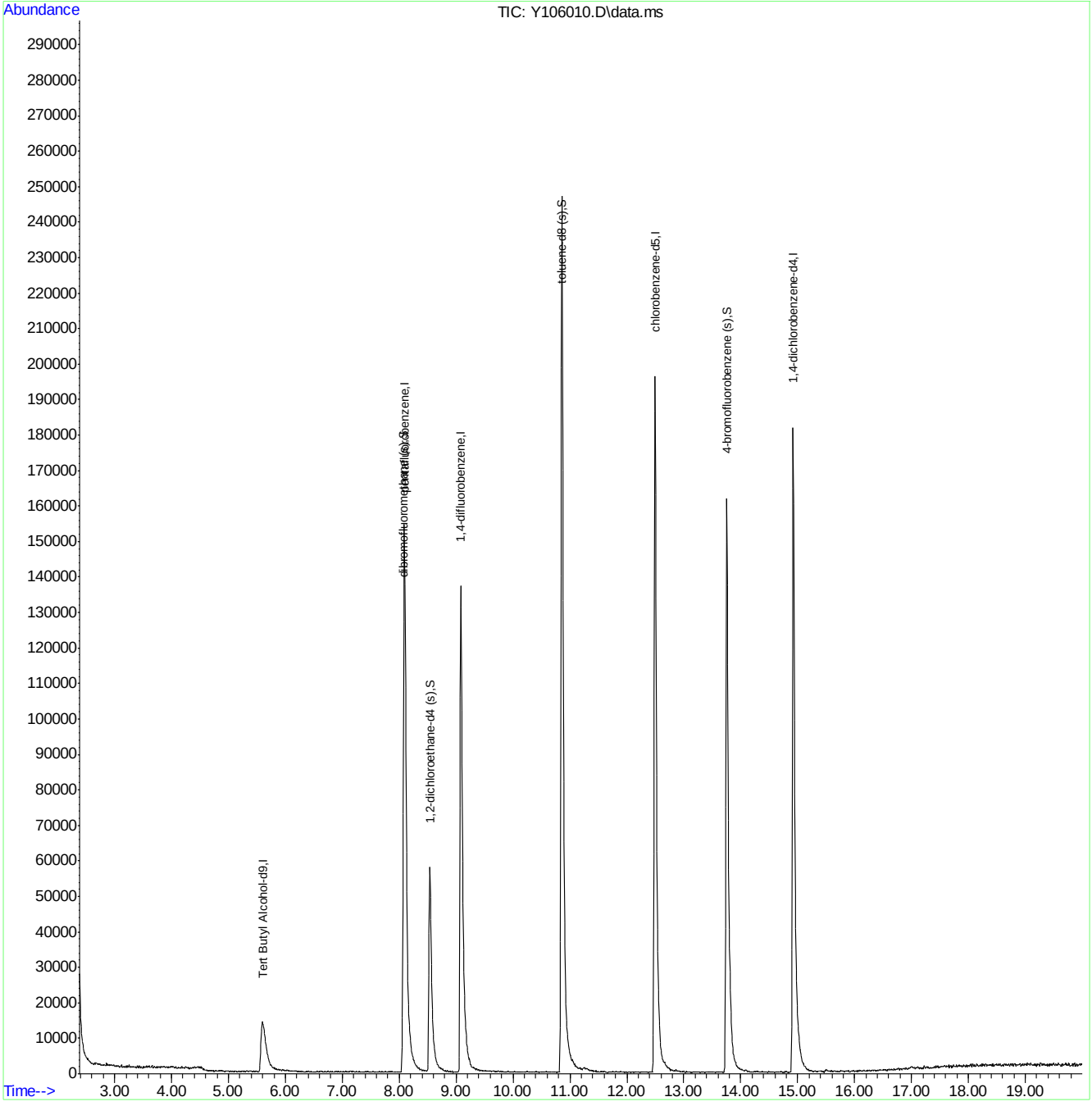
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.602	65	52991	500.00	ug/L	0.04
4) pentafluorobenzene	8.096	168	141245	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.085	114	207330	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	198700	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.922	152	90302	50.00	ug/L	0.00
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.081	113	68731	50.70	ug/L	0.01
Spiked Amount 50.000	Range 67 - 127		Recovery = 101.40%			
54) 1,2-dichloroethane-d4 (s)	8.541	65	72331	43.42	ug/L	0.02
Spiked Amount 50.000	Range 65 - 132		Recovery = 86.84%			
84) toluene-d8 (s)	10.858	98	287414	47.73	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 95.46%			
109) 4-bromofluorobenzene (s)	13.756	95	103154	46.07	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 92.14%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106010.D
Acq On : 23 Nov 2010 12:57 pm
Operator : alexm1
Sample : MB
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 24 16:54:57 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106059.D
Acq On : 24 Nov 2010 2:48 pm
Operator : alexm1
Sample : MB
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 29 15:43:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

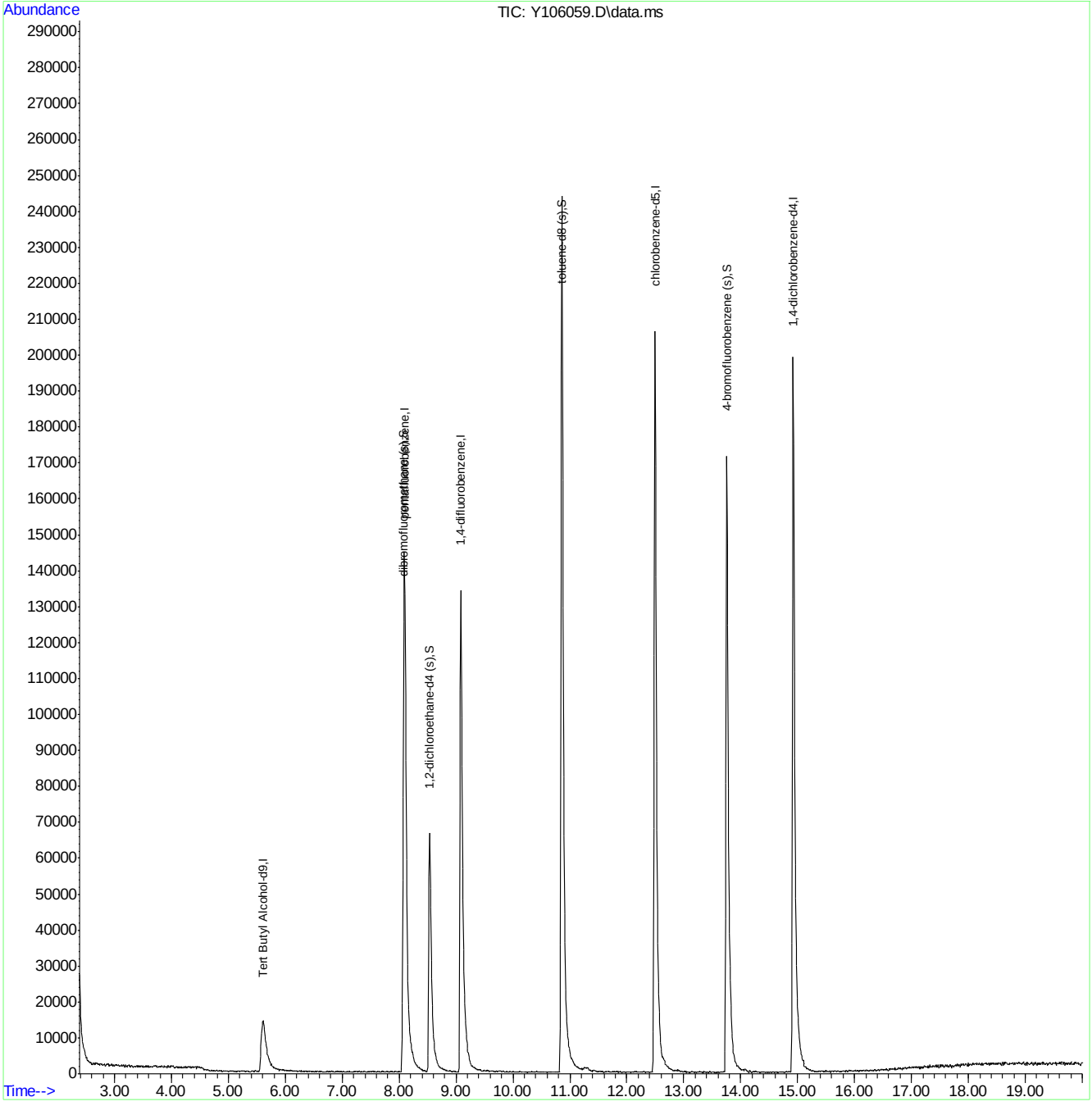
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	5.602	65	57181	500.00	ug/L	0.04
4) pentafluorobenzene	8.097	168	136370	50.00	ug/L	0.00
59) 1,4-difluorobenzene	9.085	114	209443	50.00	ug/L	0.01
92) chlorobenzene-d5	12.495	117	214433	50.00	ug/L	0.00
107) 1,4-dichlorobenzene-d4	14.927	152	100872	50.00	ug/L	0.01
System Monitoring Compounds						
53) dibromofluoromethane (s)	8.081	113	73323	56.02	ug/L	0.01
Spiked Amount 50.000	Range 67 - 127		Recovery = 112.04%			
54) 1,2-dichloroethane-d4 (s)	8.536	65	82713	51.42	ug/L	0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 102.84%			
84) toluene-d8 (s)	10.858	98	288929	47.49	ug/L	0.01
Spiked Amount 50.000	Range 74 - 129		Recovery = 94.98%			
109) 4-bromofluorobenzene (s)	13.756	95	111520	44.59	ug/L	0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 89.18%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106059.D
Acq On : 24 Nov 2010 2:48 pm
Operator : alexm1
Sample : MB
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 29 15:43:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85996.D
Acq On : 30 Nov 2010 10:07 am
Operator : HennyS
Sample : mb
Misc : MS5242,V3A3693,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 01 09:39:02 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

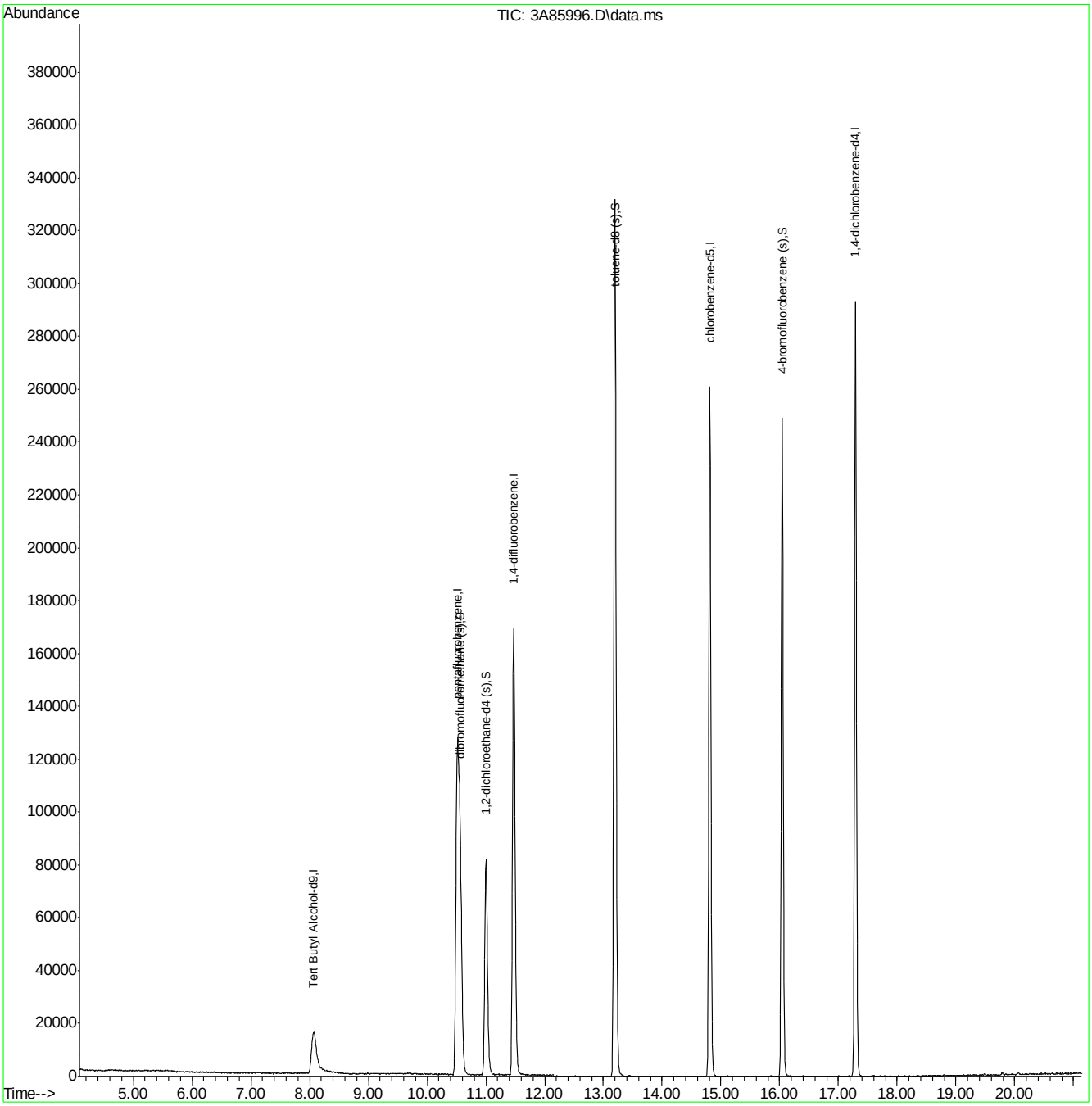
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert Butyl Alcohol-d9	8.069	65	70444	500.00	ug/L	-0.01
4) pentafluorobenzene	10.512	168	171646	50.00	ug/L	0.00
52) 1,4-difluorobenzene	11.472	114	246777	50.00	ug/L	0.00
81) chlorobenzene-d5	14.807	117	226999	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	17.286	152	115584	50.00	ug/L	0.00
System Monitoring Compounds						
46) dibromofluoromethane (s)	10.560	113	86986	45.41	ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 90.82%			
47) 1,2-dichloroethane-d4 (s)	11.000	65	95810	44.48	ug/L	0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 88.96%			
73) toluene-d8 (s)	13.197	98	358637	52.52	ug/L	0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 105.04%			
97) 4-bromofluorobenzene (s)	16.044	95	124449	48.44	ug/L	0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 96.88%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85996.D
Acq On : 30 Nov 2010 10:07 am
Operator : HennyS
Sample : mb
Misc : MS5242,V3A3693,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 01 09:39:02 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106012.D
Acq On : 23 Nov 2010 2:14 pm
Operator : alexm1
Sample : BS
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 24 16:56:28 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.570	65	63328	500.00	ug/L		0.00
4) pentafluorobenzene	8.086	168	159099	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.074	114	234378	50.00	ug/L		0.00
92) chlorobenzene-d5	12.485	117	220330	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.911	152	105322	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.070	113	73306	48.00	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 96.00%				
54) 1,2-dichloroethane-d4 (s)	8.531	65	75179	40.06	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 80.12%				
84) toluene-d8 (s)	10.848	98	322163	47.32	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 94.64%				
109) 4-bromofluorobenzene (s)	13.750	95	113162	43.33	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 86.66%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.691	59	51295	254.43	ug/L		96
3) 1,4-dioxane	9.864	88	21026	1282.35	ug/L	#	78
10) chlorodifluoromethane	2.531	51	90324	36.79	ug/L		98
11) dichlorodifluoromethane	2.526	85	113602	37.72	ug/L		98
12) chloromethane	2.715	50	169661	52.06	ug/L		99
15) vinyl chloride	2.898	62	155510	64.14	ug/L		99
17) bromomethane	3.368	94	86740	55.22	ug/L		97
18) chloroethane	3.510	64	86717	58.32	ug/L		96
20) trichlorofluoromethane	3.949	101	159623	56.36	ug/L		99
21) Pentane	3.985	43	179523	42.90	ug/L		99
22) ethyl ether	4.331	74	53508	49.90	ug/L		98
26) acrolein	4.576	56	170453	592.64	ug/L		98
27) 1,1-dichloroethene	4.723	96	84187	55.08	ug/L		98
28) acetone	4.833	58	16437	49.63	ug/L	#	91
29) allyl chloride	5.288	78	17822	56.09	ug/L		85
30) acetonitrile	5.288	40	61619	453.93	ug/L	#	89
31) iodomethane	4.979	142	142191	50.68	ug/L		96
33) carbon disulfide	5.094	76	309998	56.64	ug/L		98
34) methylene chloride	5.497	84	92696	51.89	ug/L		94
35) methyl acetate	5.340	43	50371	40.77	ug/L		99
36) methyl tert butyl ether	5.868	73	495064	96.98	ug/L		98
37) trans-1,2-dichloroethene	5.889	96	79098	47.28	ug/L		96
38) di-isopropyl ether	6.574	45	323135	50.78	ug/L		98
39) 2-butanone	7.453	72	14588	45.13	ug/L		94
40) 1,1-dichloroethane	6.522	63	171791	52.60	ug/L		99
41) chloroprene	6.648	53	139741	57.77	ug/L		95
42) acrylonitrile	5.884	53	133480	229.54	ug/L		95
43) vinyl acetate	6.616	86	13784	48.94	ug/L		77
44) ethyl tert-butyl ether	7.108	59	298779	49.71	ug/L		100
45) ethyl acetate	7.484	45	11035	45.54	ug/L		67
46) 2,2-dichloropropane	7.364	77	137981	50.71	ug/L		93
47) cis-1,2-dichloroethene	7.390	96	107310	57.64	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106012.D
Acq On : 23 Nov 2010 2:14 pm
Operator : alexm1
Sample : BS
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 24 16:56:28 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	propionitrile	7.505	54	100209	463.88	ug/L		97
49)	bromochloromethane	7.736	128	42172	49.51	ug/L		97
50)	tetrahydrofuran	7.819	42	21876	37.94	ug/L		95
51)	chloroform	7.835	83	150307	51.50	ug/L		95
52)	tert-butyl formate	7.877	59	60243	41.11	ug/L	#	96
55)	freon 113	4.739	151	73173	52.69	ug/L		97
56)	methacrylonitrile	7.730	67	26645	46.27	ug/L		91
57)	1,1,1-trichloroethane	8.076	97	129631	49.50	ug/L		95
58)	Cyclohexane	8.149	84	153865	50.14	ug/L		96
60)	epichlorohydrin	10.471	57	37150	216.58	ug/L		96
61)	n-butyl alcohol	8.211	56	190610	2411.24	ug/L		95
62)	carbon tetrachloride	8.306	117	112955	45.67	ug/L		99
63)	1,1-dichloropropene	8.306	75	125797	50.12	ug/L		99
64)	hexane	6.250	86	26624	55.85	ug/L		94
66)	benzene	8.588	78	370786	51.49	ug/L		100
67)	2,2,4-trimethylpentane	8.630	57	410719	54.62	ug/L		89
68)	tert-amyl methyl ether	8.687	73	250249	47.96	ug/L		96
69)	heptane	8.865	57	90386	54.92	ug/L		98
70)	isopropyl acetate	8.640	61	39842	44.65	ug/L		99
71)	1,2-dichloroethane	8.630	62	96416	43.93	ug/L		99
73)	trichloroethene	9.414	95	93188	52.38	ug/L		95
75)	2-nitropropane	10.304	41	20132	47.60	ug/L		94
76)	2-chloroethyl vinyl ether	10.361	63	103274	124.42	ug/L		100
77)	ethyl acrylate	9.618	55	185423	67.38	ug/L	#	98
78)	methyl methacrylate	9.812	69	52357	43.12	ug/L		83
79)	1,2-dichloropropane	9.692	63	93081	48.60	ug/L		97
80)	dibromomethane	9.869	93	44119	45.71	ug/L		100
81)	methylcyclohexane	9.624	83	179503	54.16	ug/L		98
82)	bromodichloromethane	10.032	83	112981	48.31	ug/L		100
83)	cis-1,3-dichloropropene	10.549	75	153039	47.57	ug/L		91
85)	4-methyl-2-pentanone	10.701	58	30152	44.16	ug/L		96
86)	toluene	10.926	92	227214	50.24	ug/L		100
87)	3-methyl-1-butanol	10.795	55	70602	787.75	ug/L		99
88)	trans-1,3-dichloropropene	11.193	75	130547	46.78	ug/L		90
89)	ethyl methacrylate	11.240	69	103964	45.40	ug/L		92
90)	1,1,2-trichloroethane	11.402	83	61405	48.22	ug/L		96
91)	2-hexanone	11.653	58	45613	43.36	ug/L		89
93)	tetrachloroethene	11.554	164	82462	47.50	ug/L		97
94)	1,3-dichloropropane	11.590	76	126699	46.28	ug/L		92
95)	butyl acetate	11.763	56	46800	41.30	ug/L		86
96)	3,3-dimethyl-1-butanol	11.867	57	76766	390.12	ug/L		98
97)	dibromochloromethane	11.862	129	79089	44.30	ug/L		99
98)	1,2-dibromoethane	12.003	107	68536	44.45	ug/L		95
99)	chlorobenzene	12.521	112	254412	48.34	ug/L		99
100)	n-butyl ether	12.521	57	4475	44.33	ug/L	#	60
101)	1,1,1,2-tetrachloroethane	12.589	131	86767	45.62	ug/L		100
102)	ethylbenzene	12.600	91	426937	48.38	ug/L		98
103)	m,p-xylene	12.725	106	327580	95.53	ug/L		100
104)	o-xylene	13.165	106	171408	49.96	ug/L		98
105)	styrene	13.185	104	269493	45.40	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106012.D
Acq On : 23 Nov 2010 2:14 pm
Operator : alexm1
Sample : BS
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 24 16:56:28 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

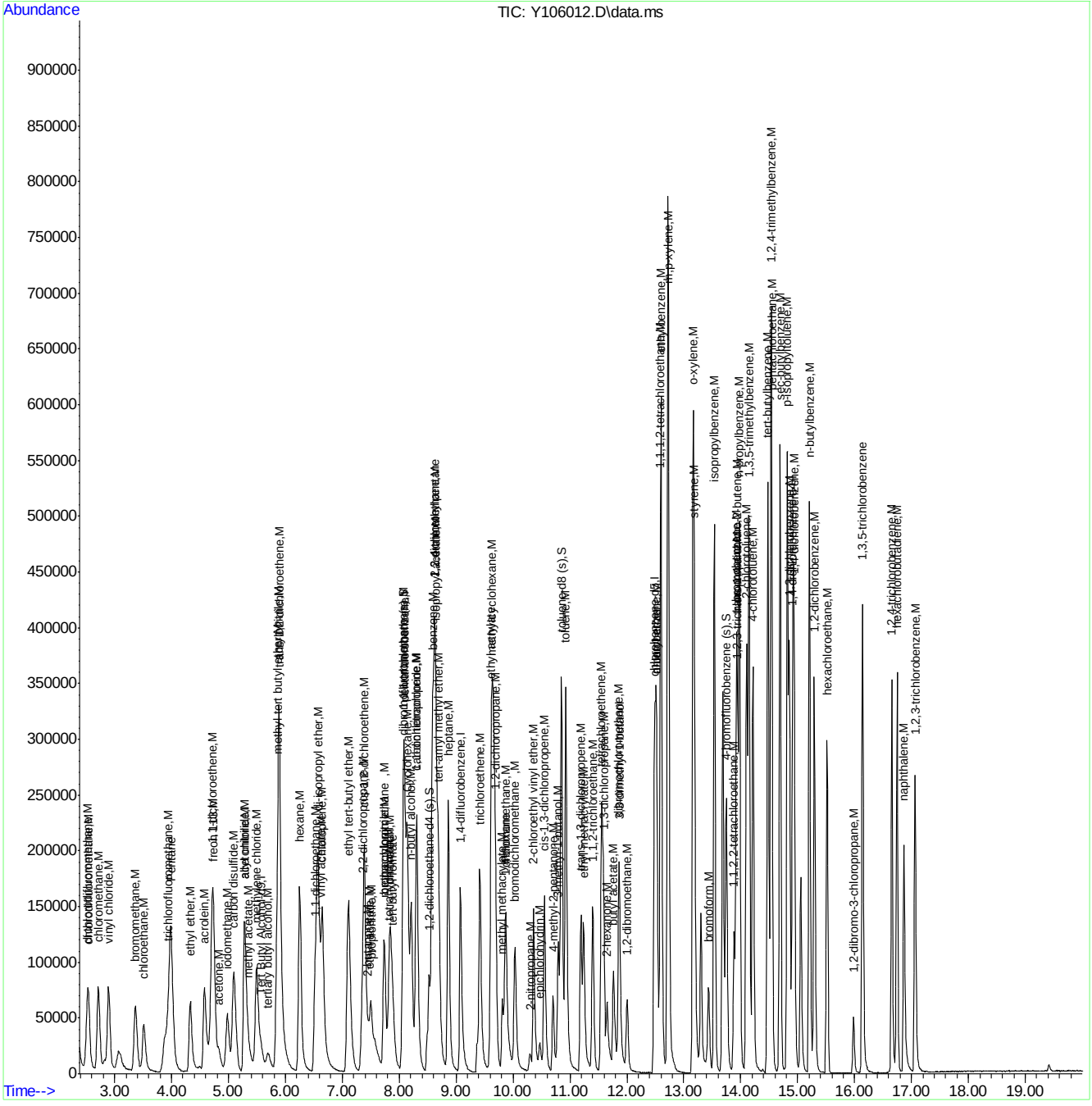
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) bromoform	13.437	173	54040	42.39	ug/L		97
108) isopropylbenzene	13.541	105	454292	50.68	ug/L		98
111) bromobenzene	13.928	156	104038	46.52	ug/L		98
112) 1,1,2,2-tetrachloroethane	13.881	83	94006	45.85	ug/L		97
113) trans-1,4-dichloro-2-b...	13.939	53	23027	39.71	ug/L	#	77
114) 1,2,3-trichloropropane	13.944	110	24098	43.35	ug/L	#	73
115) n-propylbenzene	13.975	91	500812	49.01	ug/L		99
117) 2-chlorotoluene	14.106	126	105139	49.78	ug/L		93
118) 4-chlorotoluene	14.216	91	295931	46.22	ug/L		98
119) 1,3,5-trimethylbenzene	14.148	105	355146	45.27	ug/L		99
120) tert-butylbenzene	14.477	119	332641	51.62	ug/L		97
121) pentachloroethane	14.545	167	67537	48.06	ug/L		97
122) 1,2,4-trimethylbenzene	14.535	105	356546	47.80	ug/L		99
123) sec-butylbenzene	14.692	105	498184	49.97	ug/L		99
124) 1,3-dichlorobenzene	14.854	146	199783	48.74	ug/L		97
125) p-isopropyltoluene	14.817	119	418053	50.36	ug/L		100
126) 1,4-dichlorobenzene	14.938	146	203522	43.30	ug/L		100
127) 1,2-dichlorobenzene	15.293	146	196010	47.36	ug/L		99
130) n-butylbenzene	15.210	92	209990	49.28	ug/L		96
132) 1,2-dibromo-3-chloropr...	15.984	75	16810	43.44	ug/L		99
133) 1,3,5-trichlorobenzene	16.141	180	183376	50.10	ug/L		99
134) 1,2,4-trichlorobenzene	16.653	180	144370	45.69	ug/L		99
135) hexachlorobutadiene	16.747	225	91354	48.98	ug/L		97
136) naphthalene	16.868	128	236375	40.73	ug/L		100
137) 1,2,3-trichlorobenzene	17.066	180	123406	44.66	ug/L		100
138) hexachloroethane	15.518	201	71420	52.09	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106012.D
Acq On : 23 Nov 2010 2:14 pm
Operator : alexm1
Sample : BS
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 24 16:56:28 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106061.D
Acq On : 24 Nov 2010 3:57 pm
Operator : alexm1
Sample : BS
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 15:44:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.565	65	84148	500.00	ug/L		0.00
4) pentafluorobenzene	8.091	168	126369	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	197458	50.00	ug/L		0.00
92) chlorobenzene-d5	12.485	117	206390	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.912	152	102319	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.070	113	67953	56.02	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 112.04%				
54) 1,2-dichloroethane-d4 (s)	8.526	65	78955	52.97	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 105.94%				
84) toluene-d8 (s)	10.848	98	266214	46.42	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 92.84%				
109) 4-bromofluorobenzene (s)	13.745	95	106908	42.14	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 84.28%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.691	59	60761	226.81	ug/L		93
3) 1,4-dioxane	9.864	88	24422	1130.30	ug/L	#	67
10) chlorodifluoromethane	2.532	51	62285	31.94	ug/L		96
11) dichlorodifluoromethane	2.526	85	81485	34.07	ug/L		98
12) chloromethane	2.704	50	126012	48.68	ug/L		97
15) vinyl chloride	2.887	62	116816	60.66	ug/L		97
17) bromomethane	3.358	94	70847	56.78	ug/L		96
18) chloroethane	3.510	64	67829	57.43	ug/L		97
20) trichlorofluoromethane	3.944	101	121199	53.88	ug/L		98
21) Pentane	3.986	43	131963	39.70	ug/L		100
22) ethyl ether	4.326	74	54205	63.64	ug/L		97
26) acrolein	4.571	56	190535	834.04	ug/L		95
27) 1,1-dichloroethene	4.713	96	71942	59.26	ug/L		95
28) acetone	4.828	58	18240	69.34	ug/L	#	78
29) allyl chloride	5.278	78	15758	62.44	ug/L		78
30) acetonitrile	5.283	40	65464	610.20	ug/L	#	88
31) iodomethane	4.979	142	127904	57.40	ug/L		95
33) carbon disulfide	5.089	76	262281	60.33	ug/L		96
34) methylene chloride	5.492	84	86379	60.88	ug/L		93
35) methyl acetate	5.340	43	54428	54.90	ug/L		98
36) methyl tert butyl ether	5.863	73	495963	122.33	ug/L		98
37) trans-1,2-dichloroethene	5.889	96	68980	51.92	ug/L		94
38) di-isopropyl ether	6.569	45	295689	58.51	ug/L		99
39) 2-butanone	7.443	72	17687	67.88	ug/L		92
40) 1,1-dichloroethane	6.528	63	153570	59.20	ug/L		98
41) chloroprene	6.653	53	113750	59.21	ug/L		92
42) acrylonitrile	5.884	53	145895	315.87	ug/L		96
43) vinyl acetate	6.616	86	14701	63.84	ug/L		86
44) ethyl tert-butyl ether	7.108	59	283420	59.36	ug/L		99
45) ethyl acetate	7.474	45	12895	65.60	ug/L		92
46) 2,2-dichloropropane	7.359	77	117813	54.52	ug/L		92
47) cis-1,2-dichloroethene	7.391	96	97820	66.15	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106061.D
Acq On : 24 Nov 2010 3:57 pm
Operator : alexm1
Sample : BS
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 15:44:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	propionitrile	7.506	54	114764	668.86	ug/L		97
49)	bromochloromethane	7.731	128	40927	60.49	ug/L		96
50)	tetrahydrofuran	7.814	42	24637	53.80	ug/L		98
51)	chloroform	7.835	83	134872	58.18	ug/L		95
52)	tert-butyl formate	7.877	59	62912	54.05	ug/L	#	95
55)	freon 113	4.728	151	59438	53.88	ug/L		94
56)	methacrylonitrile	7.736	67	29025	63.45	ug/L		94
57)	1,1,1-trichloroethane	8.076	97	110726	53.23	ug/L		94
58)	Cyclohexane	8.138	84	129696	53.21	ug/L		94
60)	epichlorohydrin	10.466	57	41543	287.47	ug/L		95
61)	n-butyl alcohol	8.212	56	169510	2545.26	ug/L		94
62)	carbon tetrachloride	8.306	117	95744	45.95	ug/L		98
63)	1,1-dichloropropene	8.306	75	106775	50.49	ug/L		99
64)	hexane	6.250	86	21294	53.02	ug/L	#	90
66)	benzene	8.583	78	327549	53.99	ug/L		100
67)	2,2,4-trimethylpentane	8.625	57	335741	52.99	ug/L		99
68)	tert-amyl methyl ether	8.688	73	247000	56.19	ug/L		94
69)	heptane	8.865	57	72612	52.37	ug/L		97
70)	isopropyl acetate	8.635	61	43207	57.47	ug/L		91
71)	1,2-dichloroethane	8.625	62	91339	49.40	ug/L		95
73)	trichloroethene	9.415	95	80653	53.81	ug/L		96
75)	2-nitropropane	10.293	41	21843	61.30	ug/L		99
76)	2-chloroethyl vinyl ether	10.356	63	121795	174.16	ug/L		97
77)	ethyl acrylate	9.619	55	154926	66.83	ug/L	#	98
78)	methyl methacrylate	9.807	69	57119	55.84	ug/L		84
79)	1,2-dichloropropane	9.692	63	88487	54.84	ug/L		99
80)	dibromomethane	9.870	93	44463	54.67	ug/L		97
81)	methylcyclohexane	9.619	83	148043	53.02	ug/L		99
82)	bromodichloromethane	10.032	83	106670	54.14	ug/L		96
83)	cis-1,3-dichloropropene	10.550	75	147275	54.34	ug/L		88
85)	4-methyl-2-pentanone	10.696	58	33831	58.81	ug/L		90
86)	toluene	10.926	92	203451	53.40	ug/L		99
87)	3-methyl-1-butanol	10.795	55	84850	1103.65	ug/L		98
88)	trans-1,3-dichloropropene	11.188	75	127353	54.17	ug/L		90
89)	ethyl methacrylate	11.240	69	111086	57.58	ug/L		92
90)	1,1,2-trichloroethane	11.397	83	60969	56.82	ug/L		96
91)	2-hexanone	11.648	58	54712	61.74	ug/L		92
93)	tetrachloroethene	11.559	164	71825	44.17	ug/L		97
94)	1,3-dichloropropane	11.590	76	126972	49.52	ug/L		90
95)	butyl acetate	11.758	56	52227	48.78	ug/L		86
96)	3,3-dimethyl-1-butanol	11.862	57	95452	513.20	ug/L		99
97)	dibromochloromethane	11.862	129	78018	46.65	ug/L		99
98)	1,2-dibromoethane	12.004	107	69798	48.40	ug/L		97
99)	chlorobenzene	12.516	112	236400	47.96	ug/L		100
100)	n-butyl ether	12.511	57	4428	46.38	ug/L	#	59
101)	1,1,1,2-tetrachloroethane	12.589	131	81307	45.64	ug/L		98
102)	ethylbenzene	12.600	91	377864	45.71	ug/L		99
103)	m,p-xylene	12.720	106	300450	93.53	ug/L		100
104)	o-xylene	13.165	106	157534	49.02	ug/L		99
105)	styrene	13.186	104	251108	45.16	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106061.D
Acq On : 24 Nov 2010 3:57 pm
Operator : alexm1
Sample : BS
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 15:44:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

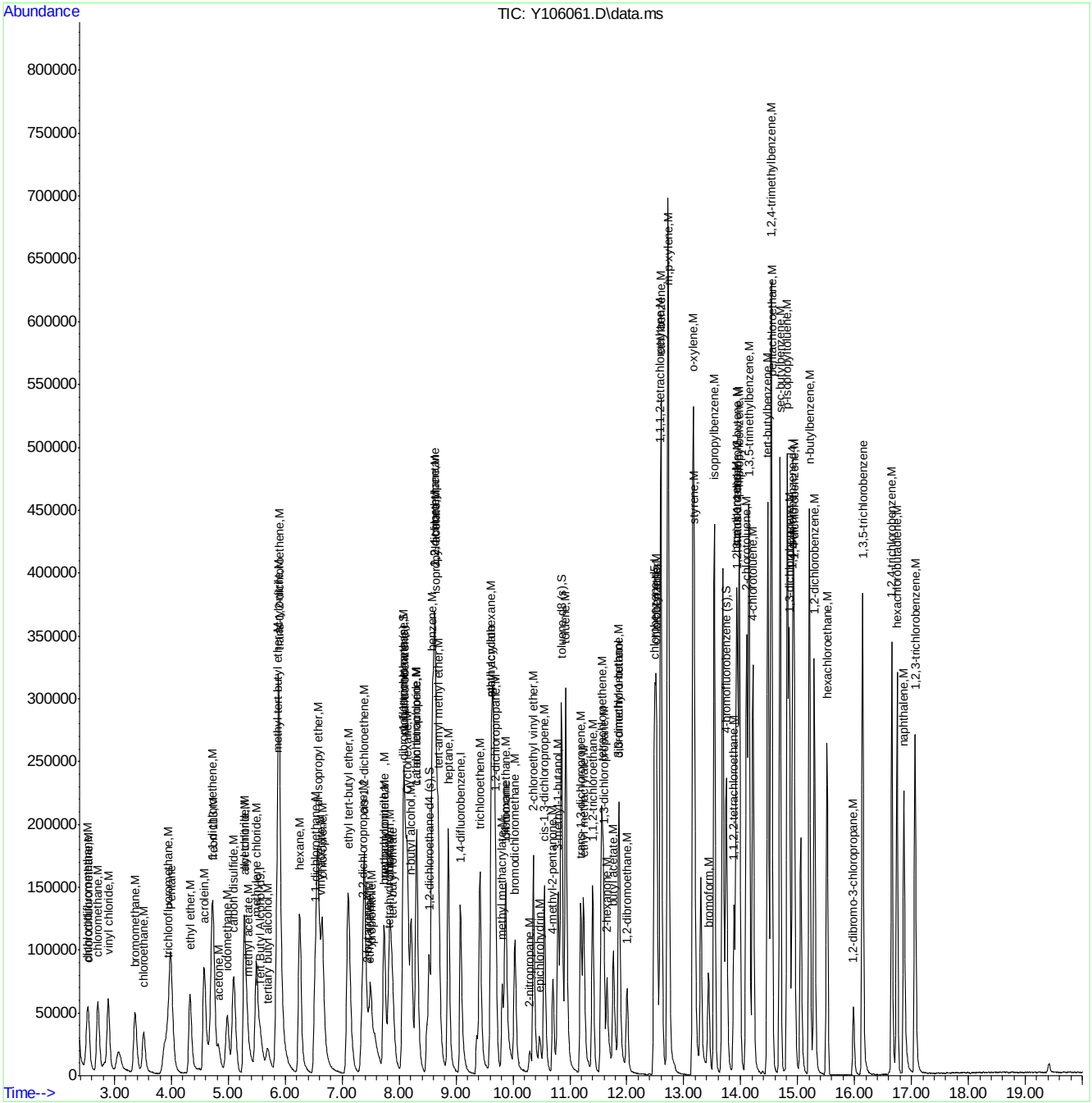
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) bromoform	13.437	173	56666	47.45	ug/L		97
108) isopropylbenzene	13.536	105	398415	45.75	ug/L		98
111) bromobenzene	13.928	156	98696	45.43	ug/L		99
112) 1,1,2,2-tetrachloroethane	13.881	83	99130	49.77	ug/L		96
113) trans-1,4-dichloro-2-b...	13.934	53	25235	44.79	ug/L		96
114) 1,2,3-trichloropropane	13.939	110	25922	47.99	ug/L	#	82
115) n-propylbenzene	13.975	91	439342	44.26	ug/L		99
117) 2-chlorotoluene	14.106	126	96611	47.09	ug/L		85
118) 4-chlorotoluene	14.211	91	274303	44.10	ug/L		97
119) 1,3,5-trimethylbenzene	14.148	105	320039	41.99	ug/L		97
120) tert-butylbenzene	14.478	119	293843	46.93	ug/L		99
121) pentachloroethane	14.546	167	63825	46.75	ug/L		97
122) 1,2,4-trimethylbenzene	14.535	105	322780	44.54	ug/L		98
123) sec-butylbenzene	14.692	105	433910	44.80	ug/L		100
124) 1,3-dichlorobenzene	14.859	146	185564	46.60	ug/L		99
125) p-isopropyltoluene	14.818	119	374714	46.46	ug/L		98
126) 1,4-dichlorobenzene	14.938	146	191288	41.89	ug/L		99
127) 1,2-dichlorobenzene	15.293	146	187350	46.59	ug/L		98
130) n-butylbenzene	15.210	92	186668	45.09	ug/L		97
132) 1,2-dibromo-3-chloropr...	15.979	75	18194	48.40	ug/L		95
133) 1,3,5-trichlorobenzene	16.146	180	170771	48.03	ug/L		99
134) 1,2,4-trichlorobenzene	16.653	180	144860	47.19	ug/L		98
135) hexachlorobutadiene	16.747	225	81751	45.12	ug/L		99
136) naphthalene	16.868	128	259698	46.06	ug/L		100
137) 1,2,3-trichlorobenzene	17.067	180	126927	47.29	ug/L		99
138) hexachloroethane	15.513	201	62524	46.94	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106061.D
Acq On : 24 Nov 2010 3:57 pm
Operator : alexm1
Sample : BS
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 15:44:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85998.D
Acq On : 30 Nov 2010 11:38 am
Operator : HennyS
Sample : bs
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 30 12:02:41 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	8.074	65	66664	500.00	ug/L		0.00
4) pentafluorobenzene	10.512	168	157059	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.472	114	227390	50.00	ug/L		0.00
81) chlorobenzene-d5	14.806	117	223870	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.286	152	111218	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.560	113	78099	44.56	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 89.12%				
47) 1,2-dichloroethane-d4 (s)	11.000	65	86668	43.98	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 87.96%				
73) toluene-d8 (s)	13.192	98	319638	50.80	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 101.60%				
97) 4-bromofluorobenzene (s)	16.044	95	120996	48.95	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 97.90%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.195	59	34876	254.72	ug/L		92
3) 1,4-dioxane	12.216	88	14779	1139.42	ug/L		97
7) chlorodifluoromethane	4.263	51	46124	30.49	ug/L		98
8) dichlorodifluoromethane	4.237	85	81710	43.03	ug/L		97
9) chloromethane	4.656	50	132823	51.18	ug/L		99
10) vinyl chloride	4.929	62	119807	51.20	ug/L		97
11) bromomethane	5.657	94	79278	50.65	ug/L		98
12) chloroethane	5.841	64	67901	54.05	ug/L		98
13) trichlorofluoromethane	6.360	101	113780	47.05	ug/L		98
14) Pentane	6.454	43	86510	51.11	ug/L		99
15) ethyl ether	6.821	74	44891	48.95	ug/L		97
18) acrolein	7.104	56	169957	522.41	ug/L		99
19) 1,1-dichloroethene	7.298	96	69885	47.32	ug/L		97
20) acetone	7.361	43	19733	45.71	ug/L		98
21) allyl chloride	7.907	76	47582	46.90	ug/L		90
22) acetonitrile	7.865	40	62870	427.74	ug/L	#	45
23) iodomethane	7.608	142	139479	47.15	ug/L		97
24) iso-butyl alcohol	11.089	74	24272	465.79	ug/L	#	77
25) carbon disulfide	7.749	76	272832	48.06	ug/L		98
26) methylene chloride	8.116	84	83098	47.20	ug/L		99
27) methyl acetate	7.886	43	56495	45.53	ug/L		96
28) methyl tert butyl ether	8.478	73	466793	97.73	ug/L		99
29) trans-1,2-dichloroethene	8.536	96	68282	39.63	ug/L		99
30) di-isopropyl ether	9.139	45	261753	48.77	ug/L		98
31) 2-butanone	9.925	72	9026	48.51	ug/L	#	82
32) 1,1-dichloroethane	9.160	63	141170	47.15	ug/L		99
33) chloroprene	9.275	53	103632	52.51	ug/L		97
34) acrylonitrile	8.473	53	149729	258.76	ug/L		99
35) vinyl acetate	9.149	86	14689	53.37	ug/L		81
36) ethyl tert-butyl ether	9.642	59	255406	47.96	ug/L		100
37) ethyl acetate	9.946	45	11420	49.42	ug/L		64
38) 2,2-dichloropropane	9.951	77	116738	48.62	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85998.D
Acq On : 30 Nov 2010 11:38 am
Operator : HennyS
Sample : bs
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 30 12:02:41 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,2-dichloroethene	9.957	96	94124	50.77	ug/L	99
40) methylacrylate	10.035	85	11817	48.29	ug/L	98
41) propionitrile	10.020	54	109619	498.16	ug/L	88
42) bromochloromethane	10.287	128	43458	47.13	ug/L	96
43) tetrahydrofuran	10.334	42	26433	49.57	ug/L	97
44) chloroform	10.350	85	84773	45.70	ug/L	99
45) t-butyl formate	10.381	59	82281	49.86	ug/L	96
48) freon 113	7.283	151	50279	47.14	ug/L	97
49) methacrylonitrile	10.219	41	45036	47.62	ug/L	99
50) 1,1,1-trichloroethane	10.612	97	110626	47.32	ug/L	97
51) Cyclohexane	10.691	84	104379	44.19	ug/L	98
53) epichlorohydrin	12.783	57	40601	276.24	ug/L	98
54) n-butyl alcohol	11.608	56	40768	981.90	ug/L	99
55) carbon tetrachloride	10.832	117	96536	48.99	ug/L	99
56) 1,1-dichloropropene	10.806	75	101988	48.41	ug/L	98
57) hexane	8.871	57	87483	54.99	ug/L	99
58) 2,2,4-TRIMETHYLPENTANE	11.079	57	247312	50.85	ug/L	96
59) benzene	11.079	78	303744	45.98	ug/L	99
60) tert-amyl methyl ether	11.110	87	53468	50.23	ug/L	96
61) heptane	11.267	57	52179	51.69	ug/L	98
62) isopropyl acetate	11.000	43	153116	52.14	ug/L	99
63) 1,2-dichloroethane	11.094	62	94053	46.97	ug/L	97
64) trichloroethene	11.828	95	83590	52.34	ug/L	96
65) methyl methacrylate	12.101	41	196388	55.34	ug/L	87
67) 2-chloroethyl vinyl ether	12.652	63	234624	235.58	ug/L	99
68) 1,2-dichloropropane	12.096	63	89551	51.85	ug/L	97
69) dibromomethane	12.264	93	53691	53.76	ug/L	97
70) methylcyclohexane	12.054	83	123719	51.87	ug/L	97
71) bromodichloromethane	12.405	83	114140	54.11	ug/L	99
72) cis-1,3-dichloropropene	12.888	75	143475	52.75	ug/L	94
74) 4-methyl-2-pentanone	12.982	58	32662	53.83	ug/L	99
75) toluene	13.270	92	201654	50.11	ug/L	99
76) 3-methyl-1-butanol	13.003	55	60076	1011.98	ug/L	99
77) trans-1,3-dichloropropene	13.480	75	130844	53.66	ug/L	91
78) ethyl methacrylate	13.470	69	106603	54.69	ug/L	98
79) 1,1,2-trichloroethane	13.705	83	65387	52.24	ug/L	98
80) 2-hexanone	13.884	58	30713	57.09	ug/L	91
82) tetrachloroethene	13.894	164	71845	50.39	ug/L	98
83) 1,3-dichloropropane	13.899	76	128883	50.84	ug/L	97
84) butyl acetate	13.968	56	53129	54.49	ug/L	91
85) 3,3-dimethyl-1-butanol	14.067	57	66746	488.96	ug/L	98
86) dibromochloromethane	14.188	129	90350	52.60	ug/L	100
87) 1,2-dibromoethane	14.345	107	82232	53.05	ug/L	99
88) chlorobenzene	14.843	112	242813	49.09	ug/L	99
89) 1,1,1,2-tetrachloroethane	14.901	131	86023	50.93	ug/L	97
90) ethylbenzene	14.896	91	386640	47.84	ug/L	99
91) m,p-xylene	15.011	106	304324	97.17	ug/L	100
92) o-xylene	15.457	106	157304	50.35	ug/L	100
93) styrene	15.472	104	258570	49.47	ug/L	96
94) bromoform	15.755	173	67446	54.26	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85998.D
Acq On : 30 Nov 2010 11:38 am
Operator : HennyS
Sample : bs
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 30 12:02:41 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

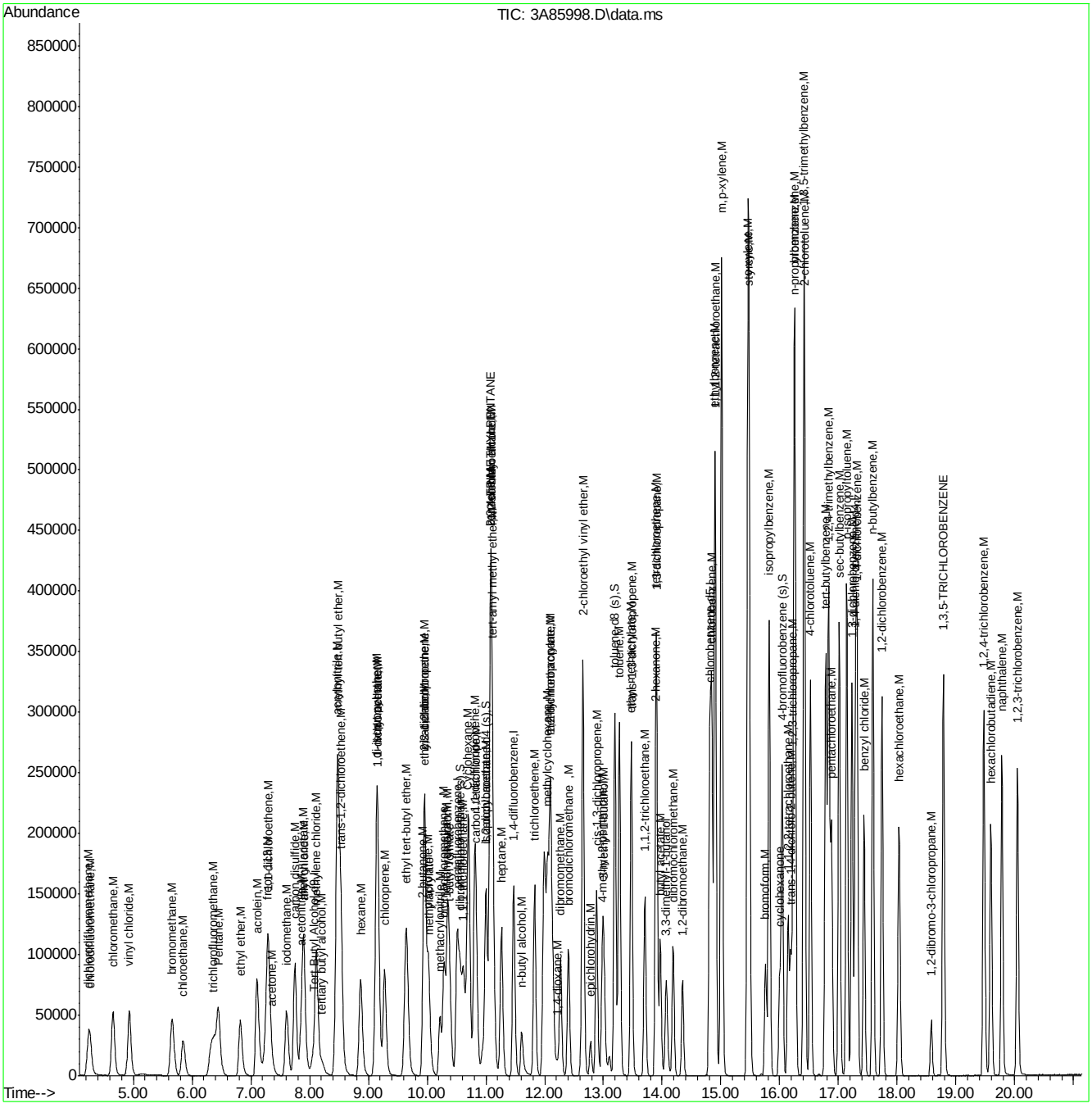
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) isopropylbenzene	15.818	105	402531	51.12	ug/L	100
98) cyclohexanone	16.002	98	25932	438.48	ug/L	94
99) bromobenzene	16.254	156	107395	53.80	ug/L	94
100) 1,1,2,2-tetrachloroethane	16.143	83	108480	53.76	ug/L	99
101) trans-1,4-dichloro-2-b...	16.185	53	24740	48.62	ug/L	90
102) 1,2,3-trichloropropane	16.227	110	28050	52.52	ug/L	94
103) n-propylbenzene	16.259	120	105043	50.41	ug/L	99
104) 2-chlorotoluene	16.416	126	98281	51.25	ug/L	98
105) 4-chlorotoluene	16.521	126	98892	49.77	ug/L	97
106) 1,3,5-trimethylbenzene	16.411	105	331796	50.48	ug/L	99
107) tert-butylbenzene	16.788	119	294547	51.12	ug/L	98
108) pentachloroethane	16.883	167	69762	56.33	ug/L	96
109) 1,2,4-trimethylbenzene	16.836	105	335043	49.11	ug/L	99
110) sec-butylbenzene	17.014	105	434891	49.64	ug/L	99
111) 1,3-dichlorobenzene	17.229	146	207356	50.83	ug/L	99
112) p-isopropyltoluene	17.140	119	378002	51.99	ug/L	99
113) 1,4-dichlorobenzene	17.318	146	207943	49.71	ug/L	99
114) 1,2-dichlorobenzene	17.743	146	203650	50.43	ug/L	98
115) benzyl chloride	17.433	91	240229	61.78	ug/L	100
116) n-butylbenzene	17.585	92	197114	51.19	ug/L	100
117) 1,2-dibromo-3-chloropr...	18.581	75	18352	47.16	ug/L	97
118) 1,3,5-TRICHLOROBENZENE	18.786	180	174354	50.66	ug/L	100
119) 1,2,4-trichlorobenzene	19.478	180	157821	49.83	ug/L	99
120) hexachlorobutadiene	19.593	225	77130	50.22	ug/L	98
121) naphthalene	19.782	128	323799	49.48	ug/L	100
122) 1,2,3-trichlorobenzene	20.044	180	136719	49.40	ug/L	100
123) hexachloroethane	18.031	201	67554	56.35	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85998.D
Acq On : 30 Nov 2010 11:38 am
Operator : HennyS
Sample : bs
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 30 12:02:41 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106018.D
Acq On : 23 Nov 2010 5:15 pm
Operator : alexm1
Sample : JA62168-4MS
Misc : MS5220,VY4515,4.5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 24 17:07:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.565	65	102421	500.00	ug/L		0.00
4) pentafluorobenzene	8.091	168	149157	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	248226	50.00	ug/L		0.00
92) chlorobenzene-d5	12.490	117	254843	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.917	152	121839	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.070	113	87337	61.01	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 122.02%				
54) 1,2-dichloroethane-d4 (s)	8.531	65	96554	54.88	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 109.76%				
84) toluene-d8 (s)	10.853	98	341035	47.30	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 94.60%				
109) 4-bromofluorobenzene (s)	13.750	95	134753	44.60	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 89.20%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.696	59	61191	187.67	ug/L		92
3) 1,4-dioxane	9.864	88	25333	974.28	ug/L	#	60
10) chlorodifluoromethane	2.537	51	82241	35.73	ug/L		98
11) dichlorodifluoromethane	2.526	85	113849	40.33	ug/L		99
12) chloromethane	2.709	50	144182	47.19	ug/L		99
15) vinyl chloride	2.892	62	123481	54.32	ug/L		98
16) Acetaldehyde	3.081	44	61804	867.07	ug/L		93
17) bromomethane	3.363	94	74585	50.64	ug/L		98
18) chloroethane	3.509	64	74331	53.32	ug/L		96
20) trichlorofluoromethane	3.944	101	131821	49.65	ug/L		98
21) Pentane	3.991	43	178326	45.45	ug/L		100
22) ethyl ether	4.331	74	51092	50.82	ug/L		92
26) acrolein	4.582	56	126837	470.39	ug/L		93
27) 1,1-dichloroethene	4.723	96	60935	42.53	ug/L		93
28) acetone	4.833	58	16964	54.64	ug/L	#	72
29) allyl chloride	5.283	78	13606	45.67	ug/L		83
30) acetonitrile	5.283	40	63896	503.03	ug/L	#	85
31) iodomethane	4.990	142	108838	41.38	ug/L		91
33) carbon disulfide	5.094	76	196016	38.20	ug/L		96
34) methylene chloride	5.497	84	79335	47.37	ug/L		94
35) methyl acetate	5.340	43	67355	57.48	ug/L		98
36) methyl tert butyl ether	5.874	73	233072	48.70	ug/L		96
37) trans-1,2-dichloroethene	5.889	96	70881	45.20	ug/L		94
38) di-isopropyl ether	6.574	45	297204	49.82	ug/L		97
39) 2-butanone	7.464	72	13643	45.02	ug/L		52
40) 1,1-dichloroethane	6.527	63	142380	46.50	ug/L		99
41) chloroprene	6.653	53	101181	44.62	ug/L		92
42) acrylonitrile	5.894	53	141952	260.38	ug/L		95
43) vinyl acetate	6.642	86	8671	34.63	ug/L		55
44) ethyl tert-butyl ether	7.108	59	285071	50.59	ug/L		100
45) ethyl acetate	7.484	45	12214	53.23	ug/L		85
46) 2,2-dichloropropane	7.364	77	109266	42.84	ug/L		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106018.D
Acq On : 23 Nov 2010 5:15 pm
Operator : alexm1
Sample : JA62168-4MS
Misc : MS5220,VY4515,4.5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 24 17:07:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	cis-1,2-dichloroethene	7.396	96	82843	47.46	ug/L		95
48)	propionitrile	7.505	54	113237	559.13	ug/L		97
49)	bromochloromethane	7.741	128	37718	47.23	ug/L		92
50)	tetrahydrofuran	7.814	42	23119	42.77	ug/L		95
51)	chloroform	7.840	83	128309	46.89	ug/L		98
52)	tert-butyl formate	7.882	59	58436	42.54	ug/L	#	94
55)	freon 113	4.728	151	60637	46.57	ug/L		97
56)	methacrylonitrile	7.736	67	28133	52.11	ug/L		87
57)	1,1,1-trichloroethane	8.081	97	104092	42.40	ug/L		97
58)	Cyclohexane	8.143	84	117371	40.80	ug/L		94
60)	epichlorohydrin	10.471	57	42597	234.48	ug/L		96
61)	n-butyl alcohol	8.217	56	151378	1808.12	ug/L		95
62)	carbon tetrachloride	8.311	117	90021	34.37	ug/L		96
63)	1,1-dichloropropene	8.306	75	99061	37.26	ug/L		100
64)	hexane	6.255	86	19943	39.50	ug/L		97
66)	benzene	8.588	78	315305	41.34	ug/L		98
67)	2,2,4-trimethylpentane	8.630	57	317258	39.83	ug/L		98
68)	tert-amyl methyl ether	8.687	73	251728	45.56	ug/L		97
69)	heptane	8.865	57	60024	34.44	ug/L		98
70)	isopropyl acetate	8.640	61	42891	45.38	ug/L	#	82
71)	1,2-dichloroethane	8.630	62	87560	37.67	ug/L		97
73)	trichloroethene	9.420	95	75875	40.27	ug/L		99
75)	2-nitropropane	10.298	41	16110	35.97	ug/L		94
76)	2-chloroethyl vinyl ether	10.356	63	167481	190.51	ug/L		100
77)	ethyl acrylate	9.618	55	116899	40.11	ug/L		98
78)	methyl methacrylate	9.812	69	56528	43.96	ug/L		84
79)	1,2-dichloropropane	9.692	63	86654	42.72	ug/L		97
80)	dibromomethane	9.869	93	42045	41.13	ug/L		96
81)	methylcyclohexane	9.618	83	148577	42.33	ug/L		97
82)	bromodichloromethane	10.037	83	99840	40.31	ug/L		99
83)	cis-1,3-dichloropropene	10.555	75	138497	40.65	ug/L		89
85)	4-methyl-2-pentanone	10.701	58	31853	44.05	ug/L		87
86)	toluene	10.931	92	199090	41.57	ug/L		100
87)	3-methyl-1-butanol	10.795	55	90016	938.73	ug/L		96
88)	trans-1,3-dichloropropene	11.193	75	117362	39.71	ug/L		89
89)	ethyl methacrylate	11.240	69	102870	42.41	ug/L		92
90)	1,1,2-trichloroethane	11.402	83	59253	43.93	ug/L		96
91)	2-hexanone	11.658	58	47583	42.71	ug/L		90
93)	tetrachloroethene	11.559	164	73574	36.64	ug/L		97
94)	1,3-dichloropropane	11.590	76	122957	38.83	ug/L		93
95)	butyl acetate	11.768	56	46975	36.13	ug/L	#	79
96)	3,3-dimethyl-1-butanol	11.867	57	95805	419.82	ug/L		97
97)	dibromochloromethane	11.862	129	76419	37.01	ug/L		99
98)	1,2-dibromoethane	12.003	107	66542	37.18	ug/L		96
99)	chlorobenzene	12.521	112	219455	36.05	ug/L		99
100)	n-butyl ether	12.521	57	2742	27.19	ug/L	#	88
101)	1,1,1,2-tetrachloroethane	12.594	131	77660	35.30	ug/L		98
102)	ethylbenzene	12.600	91	362122	35.48	ug/L		99
103)	m,p-xylene	12.725	106	279438	70.45	ug/L		100
104)	o-xylene	13.165	106	147157	37.08	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106018.D
Acq On : 23 Nov 2010 5:15 pm
Operator : alexm1
Sample : JA62168-4MS
Misc : MS5220,VY4515,4.5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 24 17:07:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

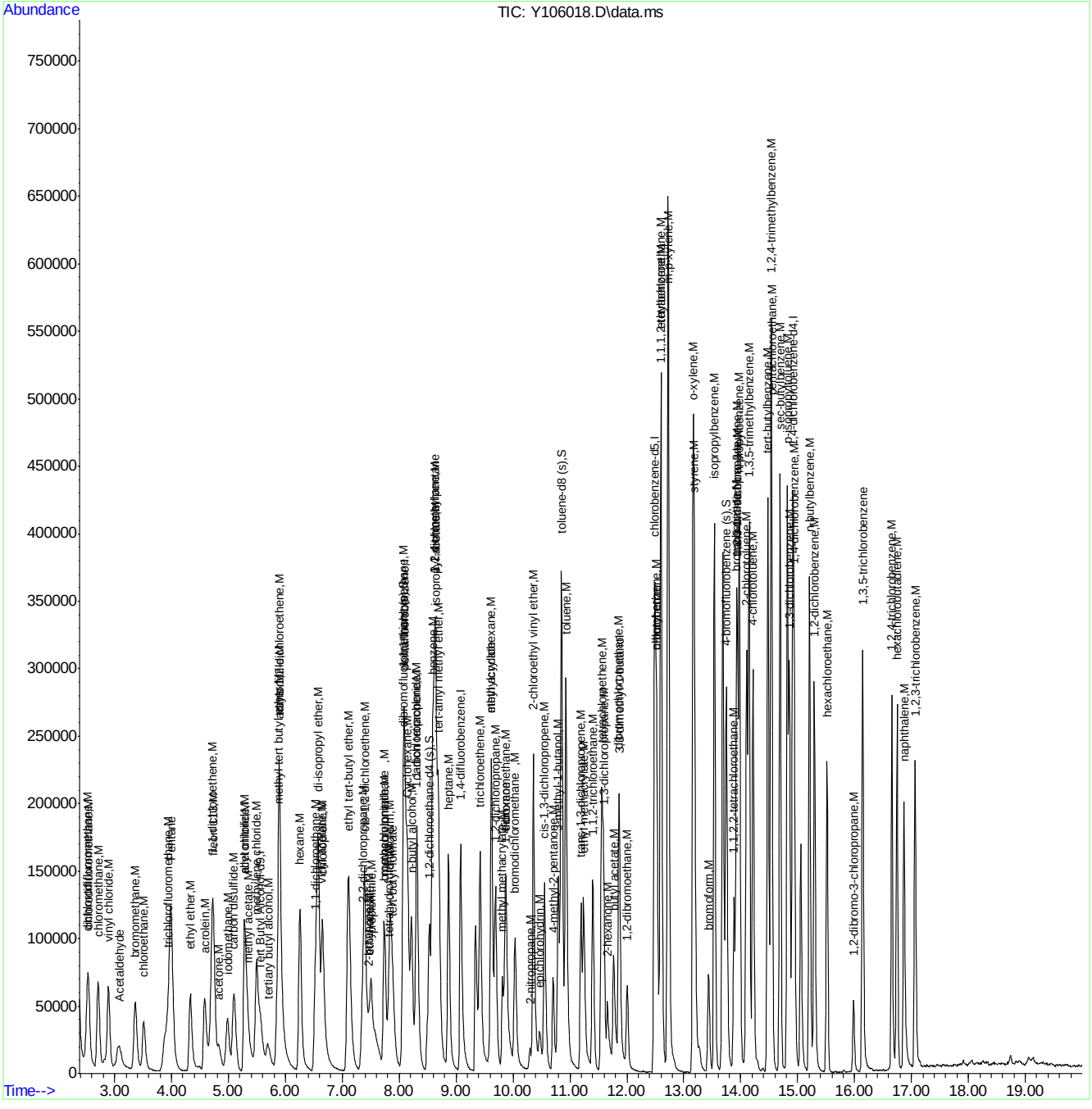
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105) styrene	13.185	104	235354	34.28	ug/L		96
106) bromoform	13.436	173	53887	36.54	ug/L		99
108) isopropylbenzene	13.541	105	374824	36.14	ug/L		99
111) bromobenzene	13.928	156	90825	35.11	ug/L		99
112) 1,1,2,2-tetrachloroethane	13.881	83	96424	40.66	ug/L		99
113) trans-1,4-dichloro-2-b...	13.939	53	21246	31.67	ug/L	#	56
114) 1,2,3-trichloropropane	13.939	110	24924	38.75	ug/L	#	88
115) n-propylbenzene	13.975	91	409928	34.68	ug/L		99
117) 2-chlorotoluene	14.106	126	87000	35.61	ug/L		87
118) 4-chlorotoluene	14.216	91	242460	32.73	ug/L		98
119) 1,3,5-trimethylbenzene	14.148	105	297114	32.74	ug/L		98
120) tert-butylbenzene	14.477	119	270030	36.22	ug/L		99
121) pentachloroethane	14.545	167	53200	32.73	ug/L		94
122) 1,2,4-trimethylbenzene	14.535	105	300724	34.85	ug/L		99
123) sec-butylbenzene	14.692	105	394375	34.19	ug/L		99
124) 1,3-dichlorobenzene	14.859	146	159945	33.73	ug/L		99
125) p-isopropyltoluene	14.823	119	329348	34.29	ug/L		99
126) 1,4-dichlorobenzene	14.938	146	164592	30.27	ug/L		97
127) 1,2-dichlorobenzene	15.293	146	167028	34.88	ug/L		98
130) n-butylbenzene	15.210	92	153981	31.23	ug/L		97
132) 1,2-dibromo-3-chloropr...	15.984	75	17510	39.12	ug/L		93
133) 1,3,5-trichlorobenzene	16.146	180	140799	33.26	ug/L		99
134) 1,2,4-trichlorobenzene	16.653	180	116465	31.86	ug/L		98
135) hexachlorobutadiene	16.747	225	70478	32.67	ug/L		98
136) naphthalene	16.873	128	230228	34.29	ug/L		98
137) 1,2,3-trichlorobenzene	17.066	180	105639	33.05	ug/L		99
138) hexachloroethane	15.513	201	55887	35.23	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106018.D
Acq On : 23 Nov 2010 5:15 pm
Operator : alexm1
Sample : JA62168-4MS
Misc : MS5220,VY4515,4.5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 24 17:07:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106019.D
Acq On : 23 Nov 2010 5:44 pm
Operator : alexm1
Sample : JA62168-4MSD
Misc : MS5220,VY4515,4.5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 24 17:08:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.565	65	88949	500.00	ug/L		0.00
4) pentafluorobenzene	8.091	168	148798	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	245138	50.00	ug/L		0.00
92) chlorobenzene-d5	12.490	117	258673	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.912	152	124158	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.076	113	83692	58.60	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 117.20%				
54) 1,2-dichloroethane-d4 (s)	8.531	65	97983	55.83	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 111.66%				
84) toluene-d8 (s)	10.853	98	342125	48.05	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 96.10%				
109) 4-bromofluorobenzene (s)	13.745	95	134894	43.82	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 87.64%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.696	59	55712	196.74	ug/L		95
3) 1,4-dioxane	9.870	88	23978	1055.15	ug/L	#	55
10) chlorodifluoromethane	2.532	51	86826	37.81	ug/L		98
11) dichlorodifluoromethane	2.521	85	118524	42.08	ug/L		99
12) chloromethane	2.709	50	150750	49.46	ug/L		99
15) vinyl chloride	2.887	62	125614	55.40	ug/L		98
16) Acetaldehyde	3.070	44	71428	1004.50	ug/L		99
17) bromomethane	3.363	94	74462	50.68	ug/L		99
18) chloroethane	3.515	64	74439	53.52	ug/L		97
20) trichlorofluoromethane	3.933	101	131492	49.64	ug/L		99
21) Pentane	3.986	43	166323	42.49	ug/L		100
22) ethyl ether	4.331	74	49550	49.40	ug/L		98
26) acrolein	4.582	56	115631	429.86	ug/L		93
27) 1,1-dichloroethene	4.723	96	58779	41.12	ug/L		94
28) acetone	4.833	58	16977	54.81	ug/L	#	83
29) allyl chloride	5.288	78	13499	45.42	ug/L		76
30) acetonitrile	5.293	40	61344	483.77	ug/L	#	80
31) iodomethane	4.985	142	106424	40.56	ug/L		92
33) carbon disulfide	5.094	76	182167	35.59	ug/L		95
34) methylene chloride	5.497	84	78792	47.16	ug/L		92
35) methyl acetate	5.340	43	65937	56.44	ug/L		97
36) methyl tert butyl ether	5.879	73	228116	47.78	ug/L		96
37) trans-1,2-dichloroethene	5.895	96	67685	43.26	ug/L		91
38) di-isopropyl ether	6.575	45	294426	49.48	ug/L		98
39) 2-butanone	7.464	72	12279	40.80	ug/L		76
40) 1,1-dichloroethane	6.533	63	141112	46.20	ug/L		99
41) chloroprene	6.653	53	95395	42.17	ug/L		93
42) acrylonitrile	5.889	53	133365	245.22	ug/L		97
43) vinyl acetate	6.648	86	7225	29.82	ug/L		58
44) ethyl tert-butyl ether	7.113	59	282674	50.28	ug/L		100
45) ethyl acetate	7.485	45	10755	47.33	ug/L	#	88
46) 2,2-dichloropropane	7.364	77	108397	42.60	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106019.D
Acq On : 23 Nov 2010 5:44 pm
Operator : alexm1
Sample : JA62168-4MSD
Misc : MS5220,VY4515,4.5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 24 17:08:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	cis-1,2-dichloroethene	7.396	96	79666	45.75	ug/L		94
48)	propionitrile	7.511	54	107688	533.02	ug/L		97
49)	bromochloromethane	7.741	128	37711	47.34	ug/L		91
50)	tetrahydrofuran	7.825	42	22868	42.41	ug/L		91
51)	chloroform	7.845	83	126735	46.43	ug/L		94
52)	tert-butyl formate	7.882	59	52651	38.42	ug/L	#	95
55)	freon 113	4.723	151	61055	47.01	ug/L		98
56)	methacrylonitrile	7.736	67	26948	50.03	ug/L		87
57)	1,1,1-trichloroethane	8.081	97	103933	42.43	ug/L		94
58)	Cyclohexane	8.144	84	112617	39.24	ug/L		96
60)	epichlorohydrin	10.476	57	38335	213.68	ug/L		97
61)	n-butyl alcohol	8.217	56	148026	1790.36	ug/L		95
62)	carbon tetrachloride	8.306	117	86989	33.63	ug/L		98
63)	1,1-dichloropropene	8.311	75	92121	35.09	ug/L		99
64)	hexane	6.261	86	16670	33.43	ug/L		94
66)	benzene	8.588	78	306620	40.71	ug/L		99
67)	2,2,4-trimethylpentane	8.625	57	275209	34.99	ug/L		96
68)	tert-amyl methyl ether	8.693	73	244839	44.87	ug/L		98
69)	heptane	8.871	57	44580	25.90	ug/L		99
70)	isopropyl acetate	8.646	61	40394	43.28	ug/L	#	79
71)	1,2-dichloroethane	8.635	62	85483	37.24	ug/L		96
73)	trichloroethene	9.425	95	71084	38.20	ug/L		99
75)	2-nitropropane	10.298	41	14689	33.21	ug/L		95
76)	2-chloroethyl vinyl ether	10.356	63	148011	170.49	ug/L		100
77)	ethyl acrylate	9.619	55	112058	38.93	ug/L		100
78)	methyl methacrylate	9.817	69	52298	41.18	ug/L		81
79)	1,2-dichloropropane	9.692	63	86175	43.02	ug/L		100
80)	dibromomethane	9.870	93	40479	40.09	ug/L		99
81)	methylcyclohexane	9.624	83	141156	40.72	ug/L		98
82)	bromodichloromethane	10.037	83	97628	39.91	ug/L		98
83)	cis-1,3-dichloropropene	10.555	75	129543	38.50	ug/L		88
85)	4-methyl-2-pentanone	10.701	58	32407	45.38	ug/L		86
86)	toluene	10.931	92	193219	40.85	ug/L		99
87)	3-methyl-1-butanol	10.801	55	77828	827.71	ug/L		97
88)	trans-1,3-dichloropropene	11.193	75	107572	36.86	ug/L		89
89)	ethyl methacrylate	11.245	69	97962	40.90	ug/L		91
90)	1,1,2-trichloroethane	11.402	83	56985	42.78	ug/L		96
91)	2-hexanone	11.664	58	44551	40.49	ug/L		92
93)	tetrachloroethene	11.559	164	69830	34.26	ug/L		96
94)	1,3-dichloropropane	11.596	76	118602	36.90	ug/L		91
95)	butyl acetate	11.768	56	34436	26.70	ug/L	#	82
96)	3,3-dimethyl-1-butanol	11.868	57	81818	355.47	ug/L		97
97)	dibromochloromethane	11.862	129	73672	35.15	ug/L		98
98)	1,2-dibromoethane	12.004	107	62886	34.56	ug/L		100
99)	chlorobenzene	12.521	112	202920	32.84	ug/L		99
100)	n-butyl ether	12.521	57	2233	23.37	ug/L	#	57
101)	1,1,1,2-tetrachloroethane	12.595	131	75980	34.03	ug/L		94
102)	ethylbenzene	12.605	91	340069	32.82	ug/L		99
103)	m,p-xylene	12.725	106	262624	65.23	ug/L		97
104)	o-xylene	13.165	106	142110	35.28	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106019.D
Acq On : 23 Nov 2010 5:44 pm
Operator : alexm1
Sample : JA62168-4MSD
Misc : MS5220,VY4515,4.5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 24 17:08:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

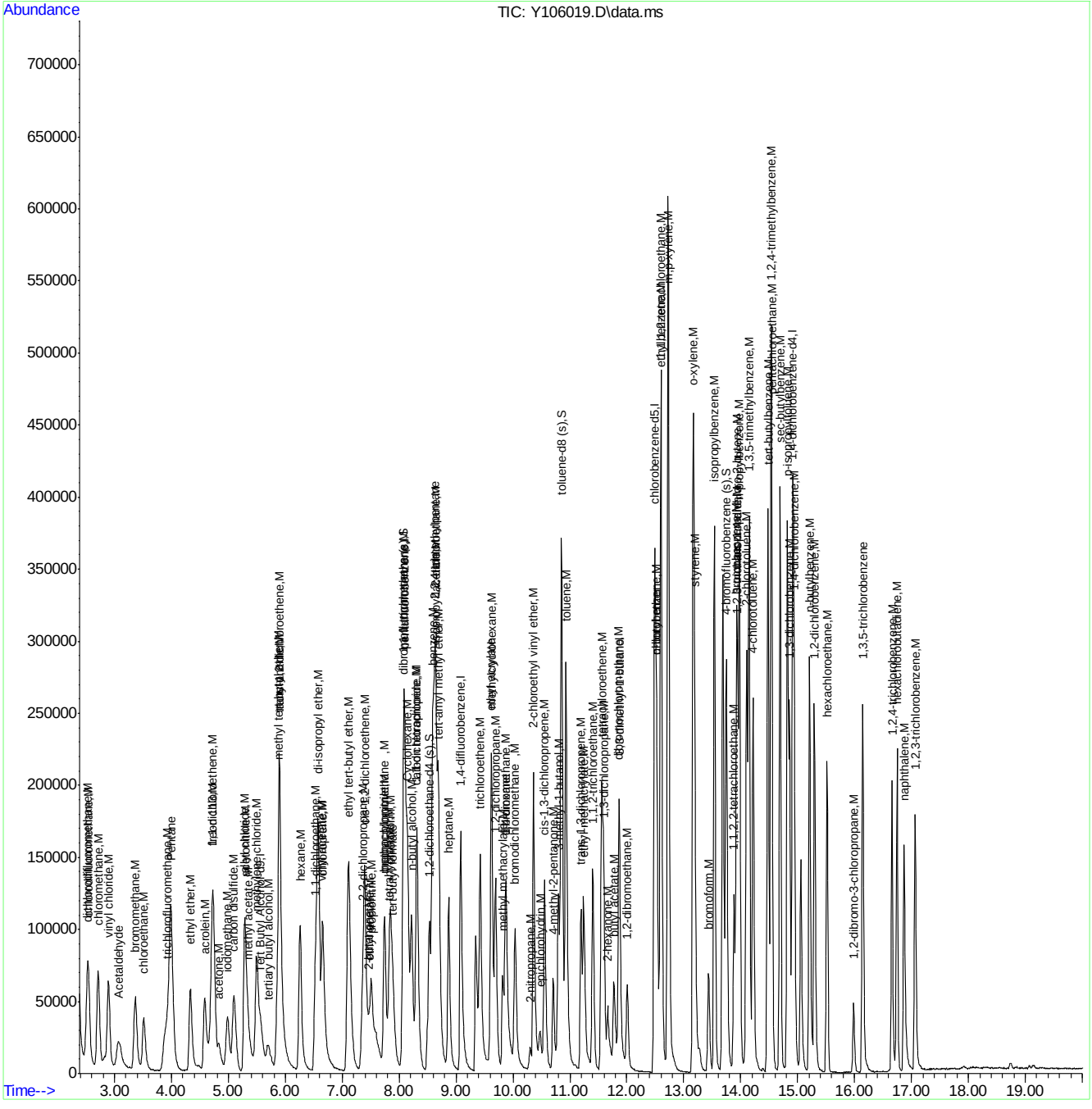
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105) styrene	13.191	104	216823	31.11	ug/L		91
106) bromoform	13.437	173	50546	33.77	ug/L		99
108) isopropylbenzene	13.541	105	355296	33.62	ug/L		98
111) bromobenzene	13.928	156	82955	31.47	ug/L		97
112) 1,1,2,2-tetrachloroethane	13.881	83	90733	37.54	ug/L		99
113) trans-1,4-dichloro-2-b...	13.939	53	18215	26.65	ug/L	#	45
114) 1,2,3-trichloropropane	13.944	110	23387	35.68	ug/L	#	62
115) n-propylbenzene	13.975	91	366705	30.44	ug/L		99
117) 2-chlorotoluene	14.106	126	79761	32.04	ug/L		91
118) 4-chlorotoluene	14.216	91	212680	28.18	ug/L		98
119) 1,3,5-trimethylbenzene	14.148	105	278347	30.10	ug/L		97
120) tert-butylbenzene	14.483	119	256040	33.70	ug/L		98
121) pentachloroethane	14.545	167	49910	30.13	ug/L		95
122) 1,2,4-trimethylbenzene	14.535	105	276270	31.42	ug/L		99
123) sec-butylbenzene	14.692	105	358554	30.51	ug/L		99
124) 1,3-dichlorobenzene	14.859	146	136448	28.24	ug/L		99
125) p-isopropyltoluene	14.823	119	296465	30.29	ug/L		98
126) 1,4-dichlorobenzene	14.938	146	137046	24.73	ug/L		99
127) 1,2-dichlorobenzene	15.299	146	150330	30.81	ug/L		98
130) n-butylbenzene	15.210	92	123929	24.67	ug/L		98
132) 1,2-dibromo-3-chloropr...	15.984	75	15624	34.25	ug/L		97
133) 1,3,5-trichlorobenzene	16.146	180	118762	27.53	ug/L		100
134) 1,2,4-trichlorobenzene	16.658	180	88839	23.85	ug/L		99
135) hexachlorobutadiene	16.747	225	57289	26.06	ug/L		99
136) naphthalene	16.873	128	193985	28.36	ug/L		98
137) 1,2,3-trichlorobenzene	17.066	180	85448	26.23	ug/L		97
138) hexachloroethane	15.518	201	50695	31.36	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106019.D
Acq On : 23 Nov 2010 5:44 pm
Operator : alexm1
Sample : JA62168-4MSD
Misc : MS5220,VY4515,4.5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 24 17:08:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106062.D
Acq On : 24 Nov 2010 4:37 pm
Operator : alexm1
Sample : JA62028-4MS
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 29 15:45:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.560	65	83359	500.00	ug/L		0.00
4) pentafluorobenzene	8.086	168	131690	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	220634	50.00	ug/L		0.00
92) chlorobenzene-d5	12.485	117	227659	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.917	152	107719	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.070	113	75850	60.01	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 120.02%				
54) 1,2-dichloroethane-d4 (s)	8.531	65	84668	54.51	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 109.02%				
84) toluene-d8 (s)	10.848	98	300148	46.84	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 93.68%				
109) 4-bromofluorobenzene (s)	13.745	95	116180	43.50	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 87.00%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.701	59	48022	180.96	ug/L		93
3) 1,4-dioxane	9.864	88	20076	950.62	ug/L	#	62
10) chlorodifluoromethane	2.532	51	68491	33.70	ug/L		98
11) dichlorodifluoromethane	2.526	85	99438	39.89	ug/L		97
12) chloromethane	2.704	50	123636	45.83	ug/L		98
15) vinyl chloride	2.887	62	98560	49.11	ug/L		99
16) Acetaldehyde	3.065	44	60823	966.49	ug/L		97
17) bromomethane	3.368	94	59950	46.11	ug/L		99
18) chloroethane	3.515	64	61236	49.75	ug/L		94
20) trichlorofluoromethane	3.939	101	109753	46.82	ug/L		98
21) Pentane	3.986	43	133105	38.42	ug/L		99
22) ethyl ether	4.331	74	38421	43.28	ug/L		98
26) acrolein	4.571	56	148382	623.28	ug/L		100
27) 1,1-dichloroethene	4.718	96	43318	34.24	ug/L		95
28) acetone	4.828	58	11567	42.20	ug/L	#	79
29) allyl chloride	5.288	78	10005	38.04	ug/L		79
30) acetonitrile	5.288	40	50229	446.90	ug/L	#	74
31) iodomethane	4.979	142	78279	33.71	ug/L		93
33) carbon disulfide	5.089	76	113236	25.00	ug/L		95
34) methylene chloride	5.497	84	61119	41.34	ug/L		92
35) methyl acetate	5.340	43	56225	54.44	ug/L		97
36) methyl tert butyl ether	5.874	73	185383	43.88	ug/L		99
37) trans-1,2-dichloroethene	5.895	96	49313	35.61	ug/L		93
38) di-isopropyl ether	6.569	45	241491	45.85	ug/L		97
39) 2-butanone	7.464	72	9161	34.69	ug/L		60
40) 1,1-dichloroethane	6.528	63	113547	42.00	ug/L		99
41) chloroprene	6.658	53	80178	40.05	ug/L		90
42) acrylonitrile	5.889	53	112057	232.81	ug/L		100
43) vinyl acetate	6.648	86	6510	30.26	ug/L		40
44) ethyl tert-butyl ether	7.108	59	231833	46.60	ug/L		98
45) ethyl acetate	7.485	45	10399	51.43	ug/L		92
46) 2,2-dichloropropane	7.364	77	88464	39.28	ug/L		88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106062.D
Acq On : 24 Nov 2010 4:37 pm
Operator : alexm1
Sample : JA62028-4MS
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 29 15:45:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	cis-1,2-dichloroethene	7.396	96	63429	41.16	ug/L		95
48)	propionitrile	7.511	54	89785	502.14	ug/L		98
49)	bromochloromethane	7.741	128	29602	41.99	ug/L		92
50)	tetrahydrofuran	7.814	42	19090	40.00	ug/L		91
51)	chloroform	7.840	83	103813	42.97	ug/L		95
52)	tert-butyl formate	7.882	59	47904	39.49	ug/L	#	95
55)	freon 113	4.728	151	49506	43.07	ug/L		98
56)	methacrylonitrile	7.741	67	21852	45.84	ug/L		94
57)	1,1,1-trichloroethane	8.081	97	84224	38.85	ug/L		98
58)	Cyclohexane	8.138	84	87606	34.49	ug/L		98
60)	epichlorohydrin	10.471	57	33401	206.85	ug/L		96
61)	n-butyl alcohol	8.212	56	123583	1660.73	ug/L		95
62)	carbon tetrachloride	8.306	117	71619	30.76	ug/L		98
63)	1,1-dichloropropene	8.306	75	73660	31.17	ug/L		98
64)	hexane	6.261	86	14668	32.68	ug/L		96
66)	benzene	8.588	78	251157	37.05	ug/L		100
67)	2,2,4-trimethylpentane	8.625	57	217919	30.78	ug/L		93
68)	tert-amyl methyl ether	8.688	73	200826	40.89	ug/L		98
69)	heptane	8.865	57	41118	26.54	ug/L		97
70)	isopropyl acetate	8.646	61	31027	36.93	ug/L	#	82
71)	1,2-dichloroethane	8.635	62	69893	33.83	ug/L		98
73)	trichloroethene	9.425	95	59804	35.71	ug/L		97
75)	2-nitropropane	10.299	41	13086	32.87	ug/L		97
76)	2-chloroethyl vinyl ether	10.356	63	116905	149.61	ug/L		99
77)	ethyl acrylate	9.619	55	87498	33.78	ug/L	#	100
78)	methyl methacrylate	9.812	69	44775	39.17	ug/L		84
79)	1,2-dichloropropane	9.692	63	69753	38.69	ug/L		99
80)	dibromomethane	9.870	93	32335	35.58	ug/L		98
81)	methylcyclohexane	9.619	83	111785	35.83	ug/L		96
82)	bromodichloromethane	10.032	83	80472	36.55	ug/L		100
83)	cis-1,3-dichloropropene	10.555	75	105185	34.73	ug/L		90
85)	4-methyl-2-pentanone	10.706	58	23578	36.68	ug/L		92
86)	toluene	10.931	92	160297	37.65	ug/L		96
87)	3-methyl-1-butanol	10.795	55	67922	804.02	ug/L		98
88)	trans-1,3-dichloropropene	11.193	75	84303	32.09	ug/L		88
89)	ethyl methacrylate	11.245	69	82110	38.09	ug/L		92
90)	1,1,2-trichloroethane	11.402	83	47551	39.66	ug/L		97
91)	2-hexanone	11.664	58	31839	32.15	ug/L		91
93)	tetrachloroethene	11.559	164	74744	41.67	ug/L		97
94)	1,3-dichloropropane	11.590	76	97406	34.44	ug/L		92
95)	butyl acetate	11.768	56	38995	33.73	ug/L		85
96)	3,3-dimethyl-1-butanol	11.868	57	72892	359.66	ug/L		99
97)	dibromochloromethane	11.862	129	59961	32.51	ug/L		99
98)	1,2-dibromoethane	12.009	107	52111	32.49	ug/L		95
99)	chlorobenzene	12.521	112	167967	30.89	ug/L		99
100)	n-butyl ether	12.511	57	2372	26.58	ug/L	#	99
101)	1,1,1,2-tetrachloroethane	12.595	131	62439	31.77	ug/L		93
102)	ethylbenzene	12.600	91	287895	31.57	ug/L		100
103)	m,p-xylene	12.725	106	222420	62.77	ug/L		99
104)	o-xylene	13.165	106	116029	32.73	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106062.D
Acq On : 24 Nov 2010 4:37 pm
Operator : alexm1
Sample : JA62028-4MS
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 29 15:45:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

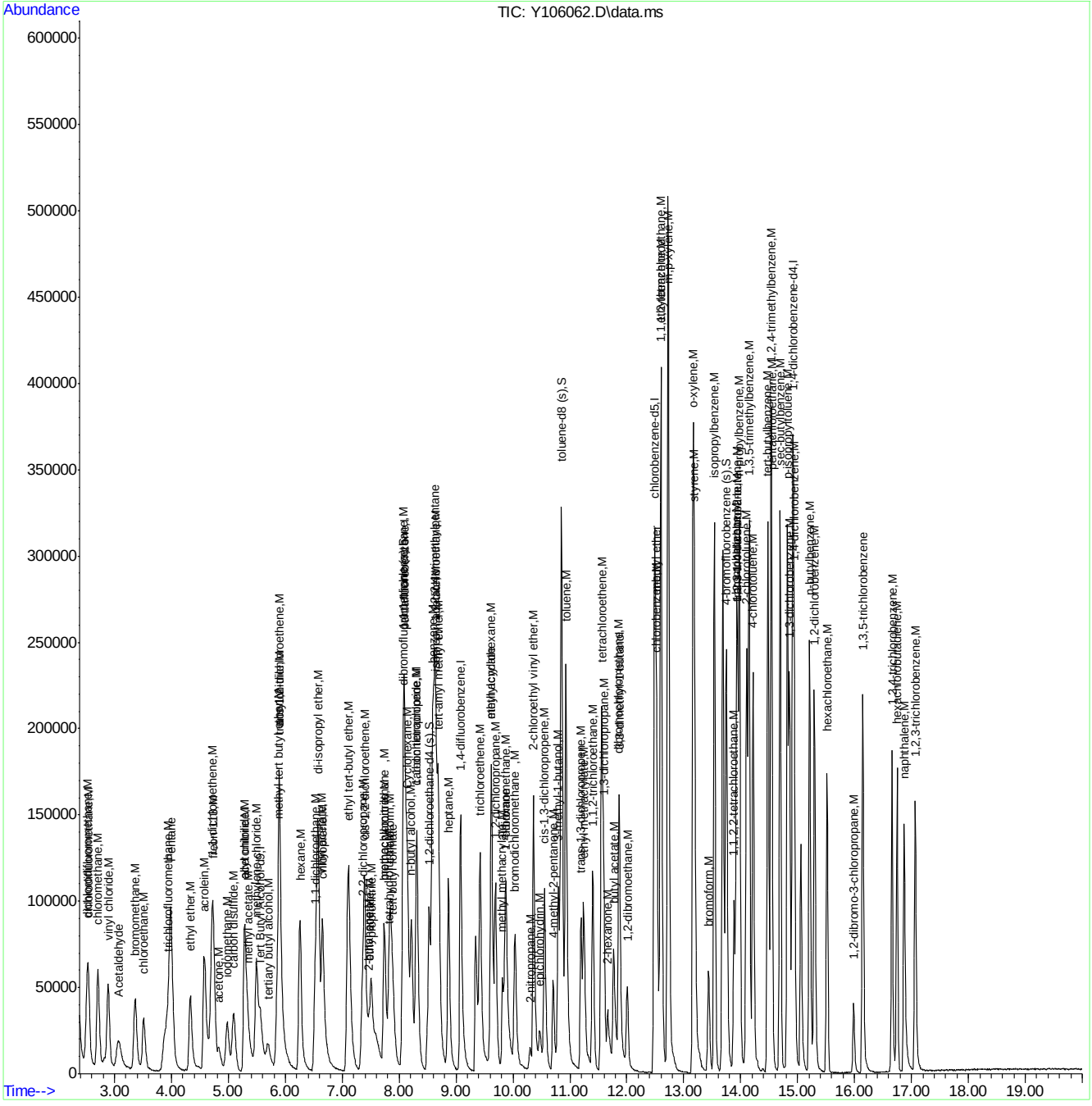
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105) styrene	13.186	104	186476	30.40	ug/L		96
106) bromoform	13.437	173	43071	32.69	ug/L		99
108) isopropylbenzene	13.541	105	292943	31.95	ug/L		98
111) bromobenzene	13.928	156	70435	30.79	ug/L		99
112) 1,1,2,2-tetrachloroethane	13.881	83	74569	35.56	ug/L		99
113) trans-1,4-dichloro-2-b...	13.944	53	16537	27.88	ug/L	#	59
114) 1,2,3-trichloropropane	13.944	110	20099	35.35	ug/L	#	65
115) n-propylbenzene	13.975	91	318215	30.45	ug/L		99
117) 2-chlorotoluene	14.106	126	67731	31.36	ug/L		89
118) 4-chlorotoluene	14.216	91	191649	29.26	ug/L		97
119) 1,3,5-trimethylbenzene	14.148	105	227339	28.33	ug/L		98
120) tert-butylbenzene	14.477	119	204621	31.05	ug/L		99
121) pentachloroethane	14.545	167	26624	18.52	ug/L		98
122) 1,2,4-trimethylbenzene	14.535	105	233034	30.55	ug/L		99
123) sec-butylbenzene	14.692	105	295085	28.94	ug/L		99
124) 1,3-dichlorobenzene	14.859	146	121066	28.88	ug/L		98
125) p-isopropyltoluene	14.823	119	242704	28.59	ug/L		98
126) 1,4-dichlorobenzene	14.938	146	124092	25.81	ug/L		98
127) 1,2-dichlorobenzene	15.293	146	129781	30.66	ug/L		99
130) n-butylbenzene	15.210	92	111392	25.56	ug/L		96
132) 1,2-dibromo-3-chloropr...	15.984	75	13360	33.76	ug/L		98
133) 1,3,5-trichlorobenzene	16.146	180	101599	27.14	ug/L		100
134) 1,2,4-trichlorobenzene	16.659	180	81357	25.17	ug/L		98
135) hexachlorobutadiene	16.747	225	44976	23.58	ug/L		98
136) naphthalene	16.873	128	176897	29.80	ug/L		99
137) 1,2,3-trichlorobenzene	17.066	180	72277	25.58	ug/L		99
138) hexachloroethane	15.518	201	40771	29.07	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106062.D
Acq On : 24 Nov 2010 4:37 pm
Operator : alexm1
Sample : JA62028-4MS
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 29 15:45:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106063.D
Acq On : 24 Nov 2010 5:06 pm
Operator : alexm1
Sample : JA62028-4MSD
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 29 15:46:42 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.570	65	76456	500.00	ug/L		0.00
4) pentafluorobenzene	8.086	168	130057	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	215115	50.00	ug/L		0.00
92) chlorobenzene-d5	12.485	117	227771	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.917	152	110040	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.070	113	73623	58.98	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 117.96%				
54) 1,2-dichloroethane-d4 (s)	8.531	65	83310	54.31	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 108.62%				
84) toluene-d8 (s)	10.848	98	297640	47.64	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 95.28%				
109) 4-bromofluorobenzene (s)	13.745	95	116828	42.82	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 85.64%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.701	59	44837	184.21	ug/L		92
3) 1,4-dioxane	9.864	88	18885	973.06	ug/L	#	64
10) chlorodifluoromethane	2.532	51	66208	32.99	ug/L		97
11) dichlorodifluoromethane	2.532	85	97255	39.51	ug/L		96
12) chloromethane	2.704	50	118780	44.58	ug/L		96
15) vinyl chloride	2.887	62	92243	46.54	ug/L		99
16) Acetaldehyde	3.070	44	57062	918.11	ug/L	#	90
17) bromomethane	3.363	94	56758	44.20	ug/L		94
18) chloroethane	3.520	64	57370	47.20	ug/L		96
20) trichlorofluoromethane	3.933	101	108245	46.76	ug/L		94
21) Pentane	3.991	43	114452	33.45	ug/L		99
22) ethyl ether	4.331	74	36613	41.77	ug/L		95
26) acrolein	4.571	56	139357	592.72	ug/L		96
27) 1,1-dichloroethene	4.723	96	40739	32.61	ug/L		97
28) acetone	4.838	58	10500	38.79	ug/L	#	95
29) allyl chloride	5.288	78	8864	34.13	ug/L		91
30) acetonitrile	5.288	40	47876	431.00	ug/L	#	76
31) iodomethane	4.985	142	73488	32.04	ug/L		93
33) carbon disulfide	5.094	76	89060	19.91	ug/L		95
34) methylene chloride	5.497	84	57642	39.48	ug/L		89
35) methyl acetate	5.345	43	51199	50.31	ug/L		99
36) methyl tert butyl ether	5.874	73	184664	44.25	ug/L		99
37) trans-1,2-dichloroethene	5.895	96	41152	30.09	ug/L		93
38) di-isopropyl ether	6.575	45	243900	46.89	ug/L		97
39) 2-butanone	7.458	72	8472	32.61	ug/L		98
40) 1,1-dichloroethane	6.533	63	112434	42.11	ug/L		98
41) chloroprene	6.653	53	73914	37.38	ug/L		96
42) acrylonitrile	5.895	53	105486	221.91	ug/L		95
43) vinyl acetate	6.648	86	5706	27.47	ug/L	#	19
44) ethyl tert-butyl ether	7.108	59	232441	47.31	ug/L		99
45) ethyl acetate	7.490	45	8193	41.63	ug/L		89
46) 2,2-dichloropropane	7.359	77	88480	39.78	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106063.D
Acq On : 24 Nov 2010 5:06 pm
Operator : alexm1
Sample : JA62028-4MSD
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 29 15:46:42 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	cis-1,2-dichloroethene	7.396	96	58077	38.16	ug/L		94
48)	propionitrile	7.511	54	86562	490.19	ug/L		97
49)	bromochloromethane	7.736	128	27492	39.48	ug/L		94
50)	tetrahydrofuran	7.819	42	19873	42.17	ug/L		98
51)	chloroform	7.840	83	102780	43.08	ug/L		97
52)	tert-butyl formate	7.887	59	44045	36.77	ug/L	#	94
55)	freon 113	4.728	151	49077	43.23	ug/L		97
56)	methacrylonitrile	7.741	67	20258	43.03	ug/L		86
57)	1,1,1-trichloroethane	8.081	97	84916	39.67	ug/L		98
58)	Cyclohexane	8.144	84	84325	33.62	ug/L		95
60)	epichlorohydrin	10.471	57	31277	198.67	ug/L		97
61)	n-butyl alcohol	8.217	56	108587	1496.65	ug/L		98
62)	carbon tetrachloride	8.306	117	71559	31.53	ug/L		98
63)	1,1-dichloropropene	8.311	75	68545	29.75	ug/L		98
64)	hexane	6.266	86	11742	26.84	ug/L	#	90
66)	benzene	8.588	78	247143	37.39	ug/L		100
67)	2,2,4-trimethylpentane	8.625	57	164851	23.88	ug/L	#	75
68)	tert-amyl methyl ether	8.688	73	200329	41.84	ug/L		98
69)	heptane	8.871	57	30294	20.06	ug/L		96
70)	isopropyl acetate	8.646	61	29569	36.10	ug/L	#	72
71)	1,2-dichloroethane	8.630	62	68774	34.14	ug/L		99
73)	trichloroethene	9.420	95	53273	32.63	ug/L		97
75)	2-nitropropane	10.298	41	11535	29.72	ug/L		96
76)	2-chloroethyl vinyl ether	10.361	63	103802	136.25	ug/L		98
77)	ethyl acrylate	9.619	55	80341	31.81	ug/L	#	100
78)	methyl methacrylate	9.817	69	44768	40.17	ug/L		84
79)	1,2-dichloropropane	9.692	63	68461	38.95	ug/L		99
80)	dibromomethane	9.870	93	29943	33.80	ug/L		98
81)	methylcyclohexane	9.619	83	98959	32.53	ug/L		99
82)	bromodichloromethane	10.032	83	79788	37.17	ug/L		99
83)	cis-1,3-dichloropropene	10.555	75	95721	32.42	ug/L		91
85)	4-methyl-2-pentanone	10.701	58	23082	36.83	ug/L		92
86)	toluene	10.931	92	154945	37.33	ug/L		94
87)	3-methyl-1-butanol	10.801	55	67194	815.12	ug/L		98
88)	trans-1,3-dichloropropene	11.198	75	73782	28.81	ug/L		89
89)	ethyl methacrylate	11.245	69	79973	38.05	ug/L		95
90)	1,1,2-trichloroethane	11.402	83	46695	39.95	ug/L		97
91)	2-hexanone	11.669	58	33253	34.44	ug/L		90
93)	tetrachloroethene	11.559	164	72300	40.29	ug/L		99
94)	1,3-dichloropropane	11.590	76	94661	33.45	ug/L		90
95)	butyl acetate	11.763	56	37011	32.11	ug/L		87
96)	3,3-dimethyl-1-butanol	11.873	57	67768	335.22	ug/L		99
97)	dibromochloromethane	11.868	129	59169	32.06	ug/L		99
98)	1,2-dibromoethane	12.004	107	48209	29.98	ug/L		98
99)	chlorobenzene	12.521	112	159959	29.40	ug/L		98
100)	n-butyl ether	12.521	57	1890	22.77	ug/L	#	47
101)	1,1,1,2-tetrachloroethane	12.595	131	62850	31.97	ug/L		97
102)	ethylbenzene	12.600	91	274152	30.05	ug/L		99
103)	m,p-xylene	12.725	106	212722	60.01	ug/L		98
104)	o-xylene	13.165	106	114948	32.41	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106063.D
Acq On : 24 Nov 2010 5:06 pm
Operator : alexm1
Sample : JA62028-4MSD
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 29 15:46:42 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

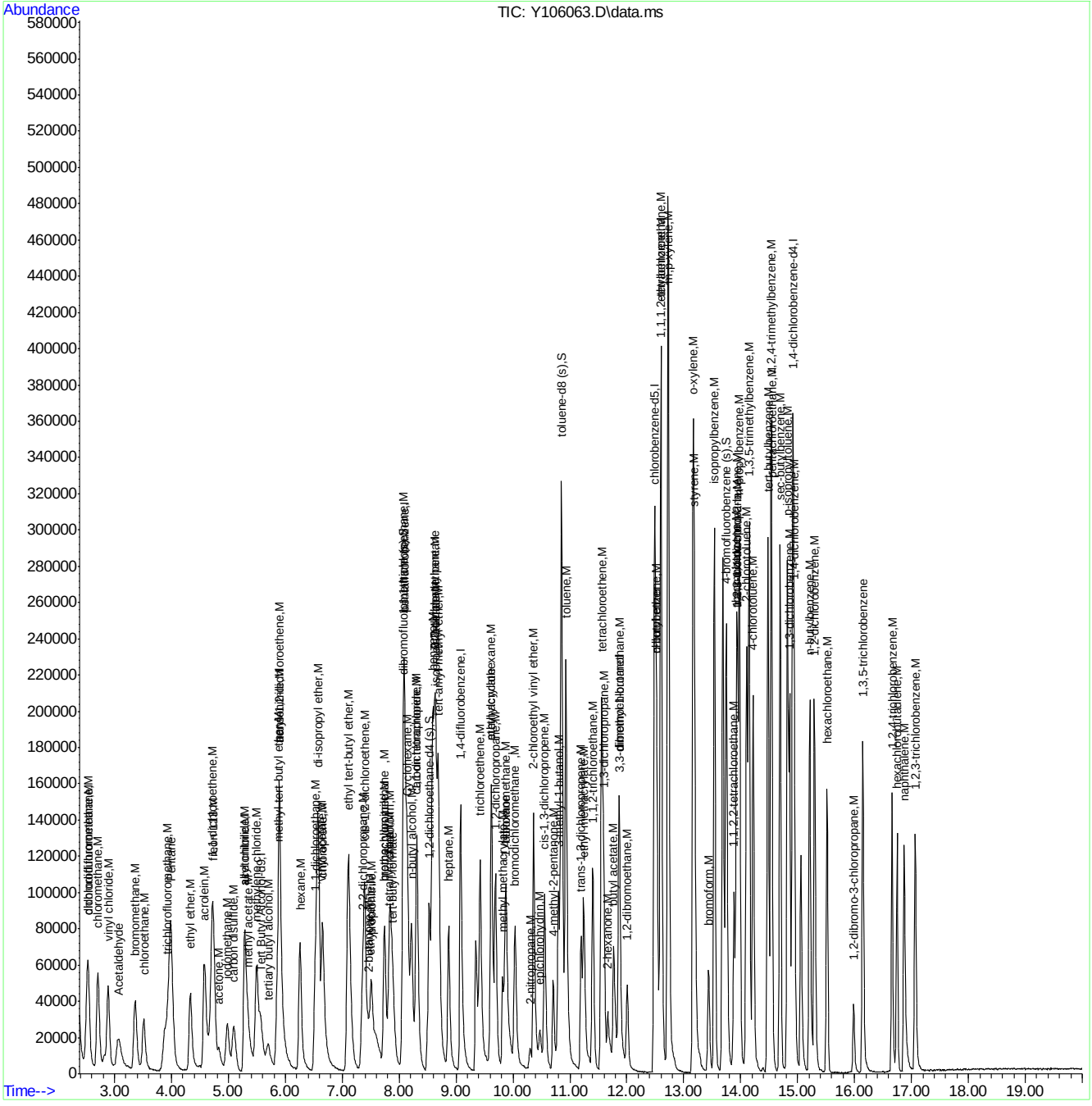
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105) styrene	13.186	104	172328	28.08	ug/L		98
106) bromoform	13.437	173	41208	31.26	ug/L		94
108) isopropylbenzene	13.541	105	279858	29.88	ug/L		99
111) bromobenzene	13.928	156	64596	27.65	ug/L		96
112) 1,1,2,2-tetrachloroethane	13.881	83	73103	34.13	ug/L		97
113) trans-1,4-dichloro-2-b...	13.944	53	13852	22.86	ug/L	#	48
114) 1,2,3-trichloropropane	13.944	110	18893	32.53	ug/L	#	62
115) n-propylbenzene	13.975	91	291779	27.33	ug/L		99
117) 2-chlorotoluene	14.106	126	65466	29.67	ug/L		91
118) 4-chlorotoluene	14.216	91	170746	25.52	ug/L		97
119) 1,3,5-trimethylbenzene	14.148	105	215076	26.24	ug/L		98
120) tert-butylbenzene	14.483	119	190452	28.29	ug/L		96
121) pentachloroethane	14.545	167	23473	15.99	ug/L		97
122) 1,2,4-trimethylbenzene	14.535	105	220974	28.35	ug/L		99
123) sec-butylbenzene	14.692	105	261729	25.13	ug/L		99
124) 1,3-dichlorobenzene	14.859	146	109557	25.58	ug/L		100
125) p-isopropyltoluene	14.823	119	217739	25.10	ug/L		98
126) 1,4-dichlorobenzene	14.938	146	108323	22.06	ug/L		98
127) 1,2-dichlorobenzene	15.299	146	121639	28.13	ug/L		99
130) n-butylbenzene	15.215	92	94058	21.12	ug/L		94
132) 1,2-dibromo-3-chloropr...	15.984	75	12669	31.34	ug/L		98
133) 1,3,5-trichlorobenzene	16.146	180	85237	22.29	ug/L		100
134) 1,2,4-trichlorobenzene	16.658	180	67762	20.52	ug/L		99
135) hexachlorobutadiene	16.747	225	33592	17.24	ug/L		97
136) naphthalene	16.873	128	160320	26.44	ug/L		99
137) 1,2,3-trichlorobenzene	17.066	180	64070	22.19	ug/L		96
138) hexachloroethane	15.518	201	37271	26.02	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106063.D
Acq On : 24 Nov 2010 5:06 pm
Operator : alexm1
Sample : JA62028-4MSD
Misc : MS5197,VY4517,4.8,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 29 15:46:42 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86006.D
Acq On : 30 Nov 2010 3:43 pm
Operator : HennyS
Sample : ja62116-1ms
Misc : MS5242,V3A3693,,,,,50
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 30 16:06:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	8.069	65	67160	500.00	ug/L		-0.01
4) pentafluorobenzene	10.512	168	169743	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.467	114	254197	50.00	ug/L		0.00
81) chlorobenzene-d5	14.807	117	229863	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.287	152	116038	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.560	113	85057	44.90	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 89.80%				
47) 1,2-dichloroethane-d4 (s)	11.000	65	88730	41.66	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 83.32%				
73) toluene-d8 (s)	13.192	98	333324	47.39	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 94.78%				
97) 4-bromofluorobenzene (s)	16.039	95	123884	48.04	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 96.08%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.200	59	34732	251.80	ug/L		72
3) 1,4-dioxane	12.206	88	14862	1137.36	ug/L		89
7) chlorodifluoromethane	4.263	51	80221	49.06	ug/L		96
8) dichlorodifluoromethane	4.237	85	112156	54.65	ug/L		98
9) chloromethane	4.651	50	142713	50.89	ug/L		98
10) vinyl chloride	4.929	62	124398	49.19	ug/L		99
11) bromomethane	5.663	94	84221	49.79	ug/L		97
12) chloroethane	5.841	64	74064	54.55	ug/L		98
13) trichlorofluoromethane	6.350	101	126997	48.59	ug/L		99
14) Pentane	6.449	43	162130	88.62	ug/L		99
15) ethyl ether	6.816	74	51747	52.21	ug/L		98
18) acrolein	7.105	56	171697	488.32	ug/L		100
19) 1,1-dichloroethene	7.299	96	96504	60.46	ug/L		95
20) acetone	7.367	43	21618	46.33	ug/L		94
21) allyl chloride	7.896	76	54988	50.15	ug/L		89
22) acetonitrile	7.865	40	66700	419.89	ug/L	#	59
23) iodomethane	7.608	142	168895	52.83	ug/L		97
24) iso-butyl alcohol	11.084	74	29375	521.60	ug/L		96
25) carbon disulfide	7.749	76	319879	52.14	ug/L		98
26) methylene chloride	8.111	84	1224455	643.58	ug/L		96
27) methyl acetate	7.886	43	58423	43.57	ug/L		95
28) methyl tert butyl ether	8.478	73	256123	49.62	ug/L		90
29) trans-1,2-dichloroethene	8.531	96	91080	48.91	ug/L		98
30) di-isopropyl ether	9.139	45	279892	48.25	ug/L		98
31) 2-butanone	9.920	72	10413	51.61	ug/L	#	84
32) 1,1-dichloroethane	9.160	63	172989	53.46	ug/L		99
33) chloroprene	9.275	53	111442	52.25	ug/L		95
34) acrylonitrile	8.473	53	151094	241.61	ug/L		99
35) vinyl acetate	9.144	86	15176	51.17	ug/L		87
36) ethyl tert-butyl ether	9.642	59	286287	49.74	ug/L		99
37) ethyl acetate	9.936	45	11050	44.50	ug/L	#	1
38) 2,2-dichloropropane	9.951	77	131286	50.59	ug/L		87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86006.D
Acq On : 30 Nov 2010 3:43 pm
Operator : HennyS
Sample : ja62116-1ms
Misc : MS5242,V3A3693,,,,,50
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 30 16:06:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,2-dichloroethene	9.957	96	377246	188.28	ug/L	87
40) methylacrylate	10.030	85	12014	45.58	ug/L	97
41) propionitrile	10.020	54	111170	467.46	ug/L	96
42) bromochloromethane	10.287	128	50708	50.89	ug/L	95
43) tetrahydrofuran	10.324	42	26603	46.16	ug/L	100
44) chloroform	10.350	85	98403	49.08	ug/L	97
45) t-butyl formate	10.371	59	87039	48.80	ug/L	95
48) freon 113	7.283	151	65318	56.66	ug/L	90
49) methacrylonitrile	10.214	41	45471	44.48	ug/L	96
50) 1,1,1-trichloroethane	10.617	97	260707	103.19	ug/L	96
51) Cyclohexane	10.691	84	142204	55.71	ug/L	91
53) epichlorohydrin	12.778	57	40933	249.13	ug/L	97
54) n-butyl alcohol	11.598	56	106140	2286.79	ug/L	96
55) carbon tetrachloride	10.832	117	116018	52.67	ug/L	100
56) 1,1-dichloropropene	10.806	75	121643	51.65	ug/L	98
57) hexane	8.866	57	109743	61.71	ug/L	97
58) 2,2,4-TRIMETHYLPENTANE	11.079	57	298677	54.94	ug/L	95
59) benzene	11.079	78	382029	51.73	ug/L	100
60) tert-amyl methyl ether	11.110	87	60339	50.71	ug/L	100
61) heptane	11.262	57	63371	56.16	ug/L	97
62) isopropyl acetate	10.995	43	148593	45.26	ug/L	97
63) 1,2-dichloroethane	11.089	62	106129	47.42	ug/L	98
64) trichloroethene	11.823	95	125723	70.42	ug/L	98
65) methyl methacrylate	12.096	41	196324	49.49	ug/L	96
67) 2-chloroethyl vinyl ether	12.652	63	212471	190.84	ug/L	98
68) 1,2-dichloropropane	12.096	63	100015	51.80	ug/L	98
69) dibromomethane	12.264	93	55321	49.55	ug/L	95
70) methylcyclohexane	12.054	83	162727	61.04	ug/L	98
71) bromodichloromethane	12.400	83	117091	49.66	ug/L	98
72) cis-1,3-dichloropropene	12.882	75	155083	51.01	ug/L	94
74) 4-methyl-2-pentanone	12.977	58	32483	47.89	ug/L	89
75) toluene	13.270	92	410298	91.21	ug/L	100
76) 3-methyl-1-butanol	13.003	55	64030	964.84	ug/L	99
77) trans-1,3-dichloropropene	13.475	75	135836	49.83	ug/L	91
78) ethyl methacrylate	13.464	69	105714	48.52	ug/L	96
79) 1,1,2-trichloroethane	13.706	83	68434	48.91	ug/L	98
80) 2-hexanone	13.884	58	29178	48.51	ug/L	94
82) tetrachloroethene	13.894	164	84558	57.76	ug/L	97
83) 1,3-dichloropropane	13.900	76	134634	51.72	ug/L	95
84) butyl acetate	13.962	56	53639	53.58	ug/L	94
85) 3,3-dimethyl-1-butanol	14.067	57	66597	475.15	ug/L	97
86) dibromochloromethane	14.183	129	96603	54.78	ug/L	99
87) 1,2-dibromoethane	14.345	107	85269	53.57	ug/L	96
88) chlorobenzene	14.843	112	264317	52.04	ug/L	98
89) 1,1,1,2-tetrachloroethane	14.901	131	94646	54.58	ug/L	99
90) ethylbenzene	14.896	91	506080	60.98	ug/L	99
91) m,p-xylene	15.006	106	455936	141.79	ug/L	98
92) o-xylene	15.457	106	252605	78.75	ug/L	99
93) styrene	15.467	104	285119	53.13	ug/L	98
94) bromoform	15.756	173	68669	53.80	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86006.D
Acq On : 30 Nov 2010 3:43 pm
Operator : HennyS
Sample : ja62116-1ms
Misc : MS5242,V3A3693,,,,,50
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 30 16:06:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

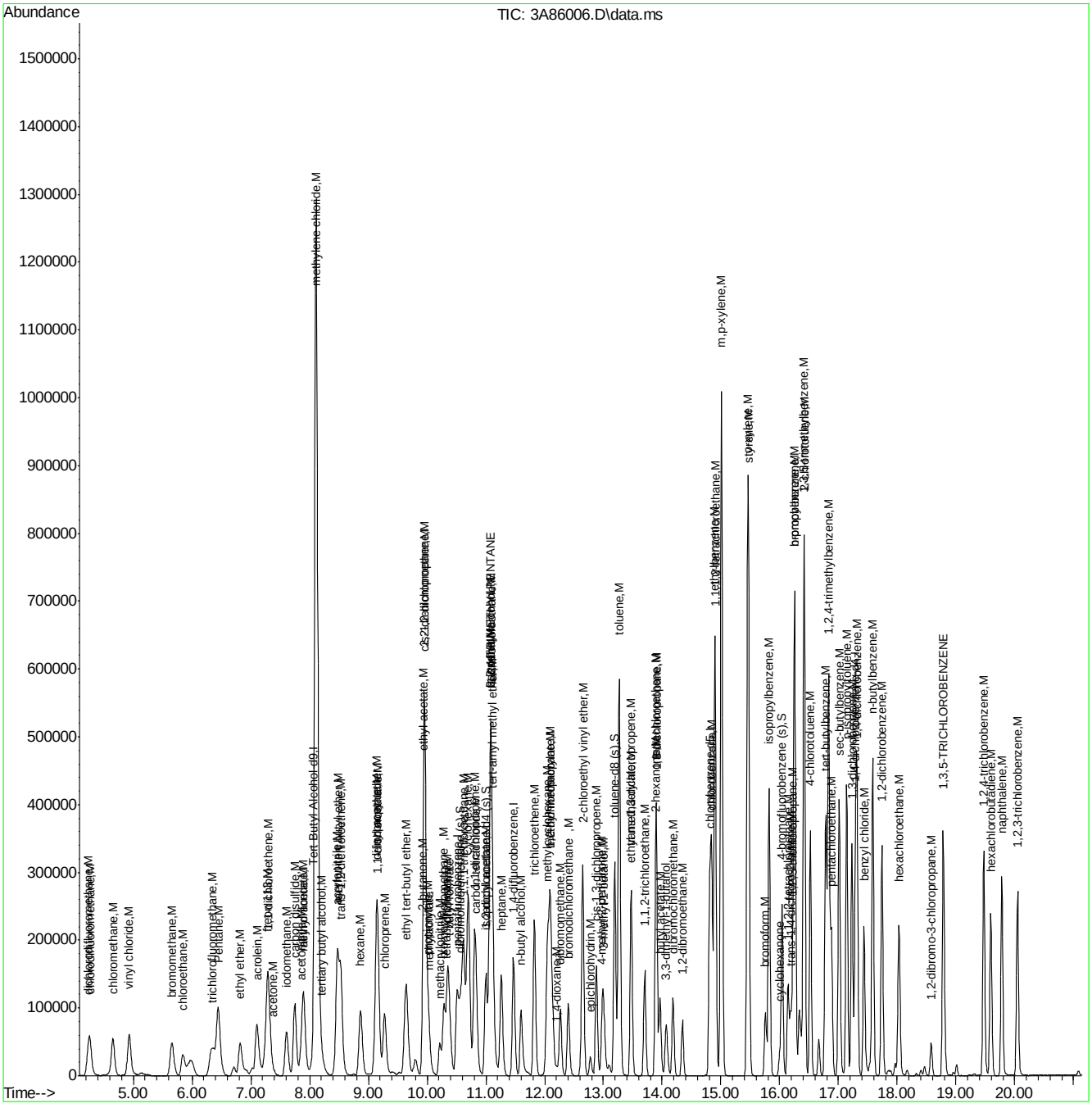
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96)	isopropylbenzene	15.818	105	452105	55.03	ug/L	99
98)	cyclohexanone	16.007	98	10008	181.09	ug/L	96
99)	bromobenzene	16.254	156	117549	56.44	ug/L	91
100)	1,1,2,2-tetrachloroethane	16.144	83	111652	53.04	ug/L	99
101)	trans-1,4-dichloro-2-b...	16.185	53	21971	41.39	ug/L	93
102)	1,2,3-trichloropropane	16.222	110	28669	51.45	ug/L	96
103)	n-propylbenzene	16.254	120	124002	57.03	ug/L	99
104)	2-chlorotoluene	16.416	126	107102	53.53	ug/L	93
105)	4-chlorotoluene	16.521	126	109620	52.88	ug/L	100
106)	1,3,5-trimethylbenzene	16.411	105	420789	61.36	ug/L	99
107)	tert-butylbenzene	16.783	119	336206	55.93	ug/L	98
108)	pentachloroethane	16.883	167	73221	56.67	ug/L	96
109)	1,2,4-trimethylbenzene	16.836	105	491744	69.09	ug/L	99
110)	sec-butylbenzene	17.014	105	482285	52.77	ug/L	100
111)	1,3-dichlorobenzene	17.229	146	225973	53.09	ug/L	98
112)	p-isopropyltoluene	17.140	119	407790	53.75	ug/L	99
113)	1,4-dichlorobenzene	17.318	146	226647	51.93	ug/L	98
114)	1,2-dichlorobenzene	17.743	146	223274	52.99	ug/L	98
115)	benzyl chloride	17.433	91	239439	59.02	ug/L	100
116)	n-butylbenzene	17.585	92	215061	53.53	ug/L	98
117)	1,2-dibromo-3-chloropr...	18.582	75	18774	46.24	ug/L	96
118)	1,3,5-TRICHLOROBENZENE	18.786	180	190484	53.05	ug/L	99
119)	1,2,4-trichlorobenzene	19.478	180	172702	52.27	ug/L	99
120)	hexachlorobutadiene	19.593	225	88182	55.04	ug/L	99
121)	naphthalene	19.782	128	365834	53.58	ug/L	100
122)	1,2,3-trichlorobenzene	20.050	180	147134	50.95	ug/L	97
123)	hexachloroethane	18.031	201	74432	59.51	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86006.D
Acq On : 30 Nov 2010 3:43 pm
Operator : HennyS
Sample : ja62116-1ms
Misc : MS5242,V3A3693,,,,,50
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 30 16:06:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86007.D
Acq On : 30 Nov 2010 4:12 pm
Operator : HennyS
Sample : ja62116-1msd
Misc : MS5242,V3A3693,,,,,50
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 30 16:35:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	8.064	65	67338	500.00	ug/L		-0.02
4) pentafluorobenzene	10.513	168	173695	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.467	114	252982	50.00	ug/L		0.00
81) chlorobenzene-d5	14.807	117	231349	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.287	152	117040	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.560	113	86354	44.55	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 89.10%				
47) 1,2-dichloroethane-d4 (s)	11.000	65	90050	41.32	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 82.64%				
73) toluene-d8 (s)	13.192	98	337171	48.17	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 96.34%				
97) 4-bromofluorobenzene (s)	16.044	95	124597	47.90	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 95.80%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.200	59	34718	251.03	ug/L		91
3) 1,4-dioxane	12.211	88	16431	1254.10	ug/L		96
7) chlorodifluoromethane	4.263	51	82681	49.41	ug/L		98
8) dichlorodifluoromethane	4.231	85	114523	54.54	ug/L		100
9) chloromethane	4.656	50	145764	50.79	ug/L		97
10) vinyl chloride	4.929	62	124902	48.27	ug/L		97
11) bromomethane	5.658	94	82956	47.92	ug/L		96
12) chloroethane	5.841	64	73343	52.79	ug/L		97
13) trichlorofluoromethane	6.350	101	126279	47.22	ug/L		99
14) Pentane	6.444	43	163883	87.54	ug/L		99
15) ethyl ether	6.822	74	52428	51.69	ug/L		99
18) acrolein	7.105	56	176267	489.91	ug/L		100
19) 1,1-dichloroethene	7.299	96	97654	59.79	ug/L		94
20) acetone	7.367	43	22259	46.62	ug/L		96
21) allyl chloride	7.896	76	55902	49.83	ug/L		86
22) acetonitrile	7.865	40	61749	379.88	ug/L	#	53
23) iodomethane	7.603	142	171993	52.57	ug/L		96
24) iso-butyl alcohol	11.089	74	29196	506.63	ug/L		92
25) carbon disulfide	7.750	76	324956	51.76	ug/L		97
26) methylene chloride	8.111	84	1238484	636.15	ug/L		95
27) methyl acetate	7.886	43	59222	43.16	ug/L		96
28) methyl tert butyl ether	8.473	73	259445	49.12	ug/L		94
29) trans-1,2-dichloroethene	8.536	96	92704	48.65	ug/L		97
30) di-isopropyl ether	9.139	45	281669	47.45	ug/L		98
31) 2-butanone	9.925	72	10772	52.15	ug/L	#	79
32) 1,1-dichloroethane	9.160	63	174603	52.73	ug/L		98
33) chloroprene	9.281	53	111097	50.90	ug/L		95
34) acrylonitrile	8.473	53	154861	242.00	ug/L		99
35) vinyl acetate	9.149	86	15061	49.73	ug/L		79
36) ethyl tert-butyl ether	9.648	59	288864	49.04	ug/L		98
37) ethyl acetate	9.946	45	11322	44.55	ug/L	#	1
38) 2,2-dichloropropane	9.957	77	131211	49.41	ug/L		87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86007.D
Acq On : 30 Nov 2010 4:12 pm
Operator : HennyS
Sample : ja62116-1msd
Misc : MS5242,V3A3693,,,,,50
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 30 16:35:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,2-dichloroethene	9.957	96	381375	186.01	ug/L	86
40) methylacrylate	10.030	85	12289	45.56	ug/L	95
41) propionitrile	10.015	54	112741	463.28	ug/L	89
42) bromochloromethane	10.287	128	50486	49.51	ug/L	95
43) tetrahydrofuran	10.329	42	26761	45.38	ug/L	97
44) chloroform	10.350	85	98452	47.99	ug/L	97
45) t-butyl formate	10.382	59	87178	47.77	ug/L	94
48) freon 113	7.267	151	64608	54.77	ug/L	92
49) methacrylonitrile	10.219	41	46265	44.23	ug/L	97
50) 1,1,1-trichloroethane	10.612	97	261359	101.10	ug/L	97
51) Cyclohexane	10.691	84	141789	54.28	ug/L	92
53) epichlorohydrin	12.778	57	41328	252.74	ug/L	97
54) n-butyl alcohol	11.598	56	107013	2316.67	ug/L	97
55) carbon tetrachloride	10.832	117	115783	52.81	ug/L	97
56) 1,1-dichloropropene	10.806	75	121343	51.77	ug/L	98
57) hexane	8.872	57	112209	63.40	ug/L	98
58) 2,2,4-TRIMETHYLPENTANE	11.079	57	299675	55.39	ug/L	95
59) benzene	11.079	78	379950	51.70	ug/L	99
60) tert-amyl methyl ether	11.105	87	60429	51.02	ug/L	98
61) heptane	11.262	57	61133	54.44	ug/L	97
62) isopropyl acetate	11.005	43	148423	45.43	ug/L	99
63) 1,2-dichloroethane	11.095	62	105317	47.28	ug/L	98
64) trichloroethene	11.829	95	126388	71.13	ug/L	97
65) methyl methacrylate	12.101	41	196434	49.76	ug/L	95
67) 2-chloroethyl vinyl ether	12.647	63	189541	171.06	ug/L	99
68) 1,2-dichloropropane	12.096	63	101300	52.72	ug/L	100
69) dibromomethane	12.264	93	59539	53.59	ug/L	96
70) methylcyclohexane	12.054	83	163910	61.77	ug/L	97
71) bromodichloromethane	12.400	83	126390	53.86	ug/L	97
72) cis-1,3-dichloropropene	12.882	75	156652	51.77	ug/L	95
74) 4-methyl-2-pentanone	12.977	58	32889	48.72	ug/L	92
75) toluene	13.270	92	411548	91.93	ug/L	98
76) 3-methyl-1-butanol	13.003	55	63359	959.32	ug/L	99
77) trans-1,3-dichloropropene	13.475	75	136407	50.28	ug/L	91
78) ethyl methacrylate	13.464	69	106701	49.20	ug/L	96
79) 1,1,2-trichloroethane	13.706	83	68774	49.39	ug/L	100
80) 2-hexanone	13.884	58	29734	49.68	ug/L	95
82) tetrachloroethene	13.894	164	85026	57.71	ug/L	98
83) 1,3-dichloropropane	13.900	76	136228	52.00	ug/L	94
84) butyl acetate	13.963	56	54148	53.74	ug/L	91
85) 3,3-dimethyl-1-butanol	14.067	57	65839	466.72	ug/L	97
86) dibromochloromethane	14.183	129	98549	55.52	ug/L	99
87) 1,2-dibromoethane	14.345	107	86260	53.85	ug/L	100
88) chlorobenzene	14.838	112	266109	52.06	ug/L	99
89) 1,1,1,2-tetrachloroethane	14.901	131	94590	54.19	ug/L	98
90) ethylbenzene	14.896	91	503226	60.25	ug/L	99
91) m,p-xylene	15.006	106	458250	141.59	ug/L	98
92) o-xylene	15.457	106	250959	77.73	ug/L	97
93) styrene	15.467	104	285983	52.95	ug/L	97
94) bromoform	15.756	173	70646	55.00	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86007.D
Acq On : 30 Nov 2010 4:12 pm
Operator : HennyS
Sample : ja62116-1msd
Misc : MS5242,V3A3693,,,,,50
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 30 16:35:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

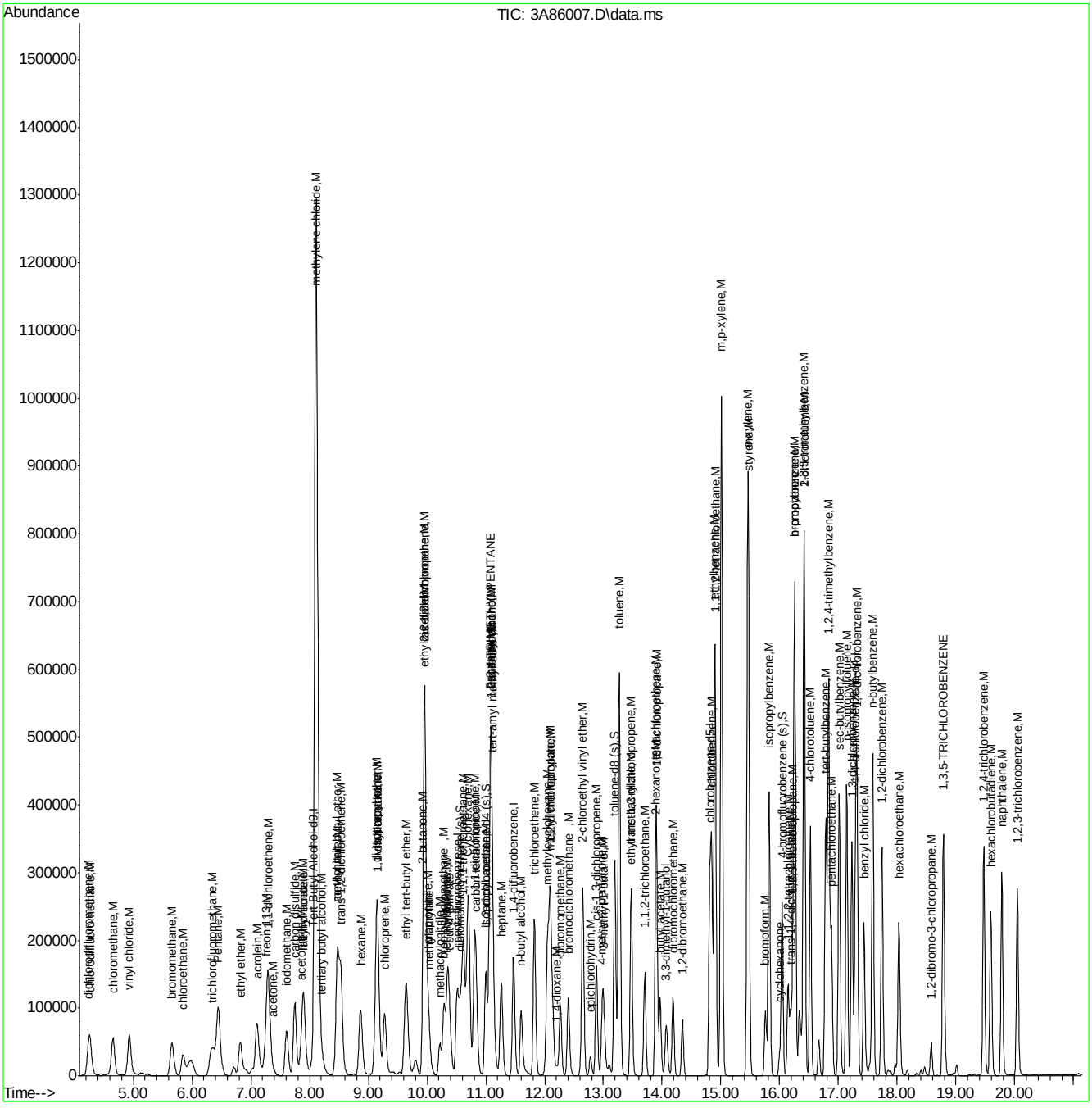
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) isopropylbenzene	15.819	105	455810	55.01	ug/L	100
98) cyclohexanone	16.007	98	10272	183.57	ug/L	96
99) bromobenzene	16.254	156	119583	56.92	ug/L	88
100) 1,1,2,2-tetrachloroethane	16.144	83	112810	53.13	ug/L	100
101) trans-1,4-dichloro-2-b...	16.186	53	22787	42.56	ug/L	93
102) 1,2,3-trichloropropane	16.222	110	29030	51.65	ug/L	95
103) n-propylbenzene	16.254	120	123803	56.46	ug/L	99
104) 2-chlorotoluene	16.416	126	106836	52.94	ug/L	98
105) 4-chlorotoluene	16.521	126	110540	52.86	ug/L	99
106) 1,3,5-trimethylbenzene	16.411	105	414623	59.94	ug/L	99
107) tert-butylbenzene	16.783	119	334646	55.19	ug/L	98
108) pentachloroethane	16.883	167	73305	56.25	ug/L	95
109) 1,2,4-trimethylbenzene	16.836	105	494637	68.90	ug/L	99
110) sec-butylbenzene	17.014	105	485234	52.63	ug/L	99
111) 1,3-dichlorobenzene	17.229	146	228916	53.32	ug/L	100
112) p-isopropyltoluene	17.140	119	404850	52.91	ug/L	99
113) 1,4-dichlorobenzene	17.313	146	229905	52.23	ug/L	99
114) 1,2-dichlorobenzene	17.743	146	226437	53.28	ug/L	99
115) benzyl chloride	17.433	91	239887	58.63	ug/L	99
116) n-butylbenzene	17.585	92	215526	53.19	ug/L	99
117) 1,2-dibromo-3-chloropr...	18.582	75	19092	46.62	ug/L	97
118) 1,3,5-TRICHLOROBENZENE	18.786	180	193181	53.34	ug/L	100
119) 1,2,4-trichlorobenzene	19.473	180	175160	52.56	ug/L	99
120) hexachlorobutadiene	19.594	225	90234	55.83	ug/L	99
121) naphthalene	19.782	128	370680	53.83	ug/L	99
122) 1,2,3-trichlorobenzene	20.044	180	149444	51.31	ug/L	98
123) hexachloroethane	18.026	201	74379	58.96	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

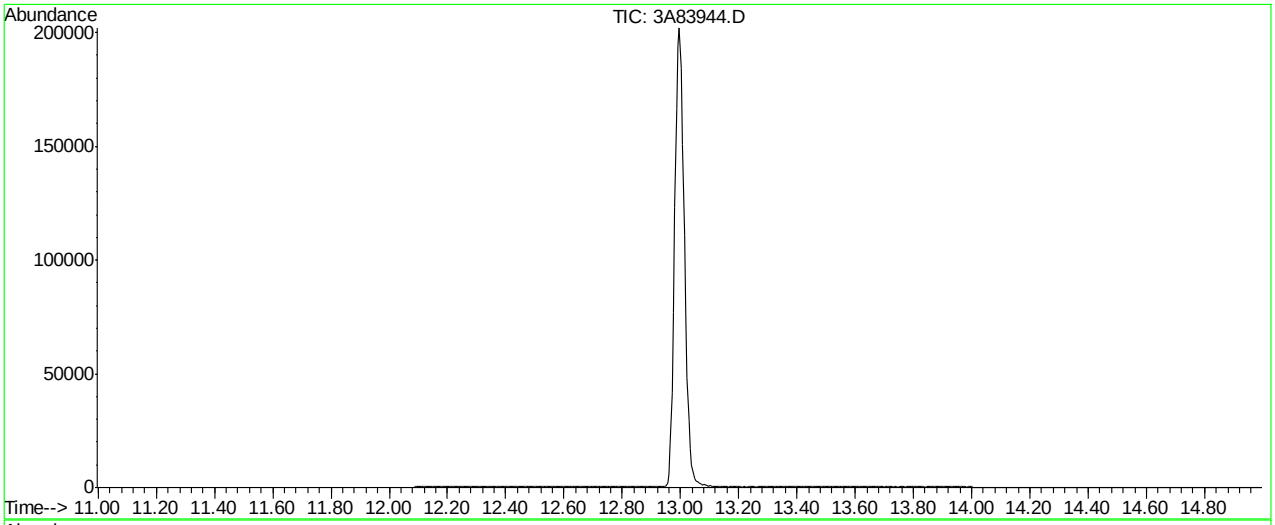
Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A86007.D
Acq On : 30 Nov 2010 4:12 pm
Operator : HennyS
Sample : ja62116-1msd
Misc : MS5242,V3A3693,,,,,50
ALS Vial : 9 Sample Multiplier: 1

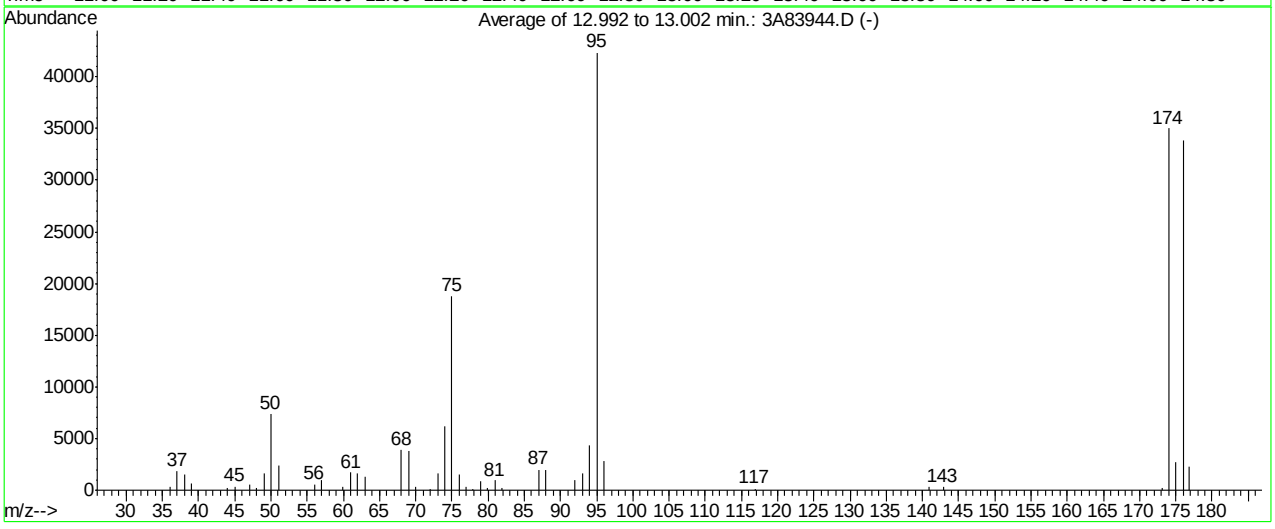
Quant Time: Nov 30 16:35:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration



SW-846 Method 8260

Data File : C:\MSDCHEM\1\DATA\3A83944.D Vial: 1
Acq On : 7 Oct 2010 6:50 pm Operator: HennyS
Sample : bfb Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\M3ABFB.M (RTE Integrator)
Title : SW-846 Method 8260





AutoFind: Scans 174, 175, 176; Background Corrected with Scan 163

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.3	7340	PASS
75	95	30	60	44.4	18792	PASS
95	95	100	100	100.0	42354	PASS
96	95	5	9	6.5	2771	PASS
173	174	0.00	2	0.8	269	PASS
174	95	50	120	82.7	35016	PASS
175	174	5	9	7.6	2674	PASS
176	174	95	101	96.5	33800	PASS
177	176	5	9	6.9	2328	PASS

3A83944.D M3ABFB.M Fri Oct 08 11:34:49 2010 MS3A

Average of 12.992 to 13.002 min.: 3A83944.D
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	343	56.00	549	74.00	6140	92.00	953
37.00	1856	57.00	973	75.00	18792	93.00	1602
38.00	1549	59.95	344	76.00	1573	94.00	4320
39.00	649	61.00	1709	77.00	278	95.00	42354
44.00	175	62.00	1593	77.95	140	96.00	2771
45.00	363	63.00	1261	78.90	884	116.90	133
47.00	579	68.00	3866	79.90	262	140.90	314
47.95	206	69.00	3818	80.90	937	142.90	322
49.00	1600	70.00	325	81.90	200	173.05	269
50.00	7340	72.00	126	86.95	2004	174.00	35016
51.05	2339	73.00	1644	87.95	1975	175.00	2674

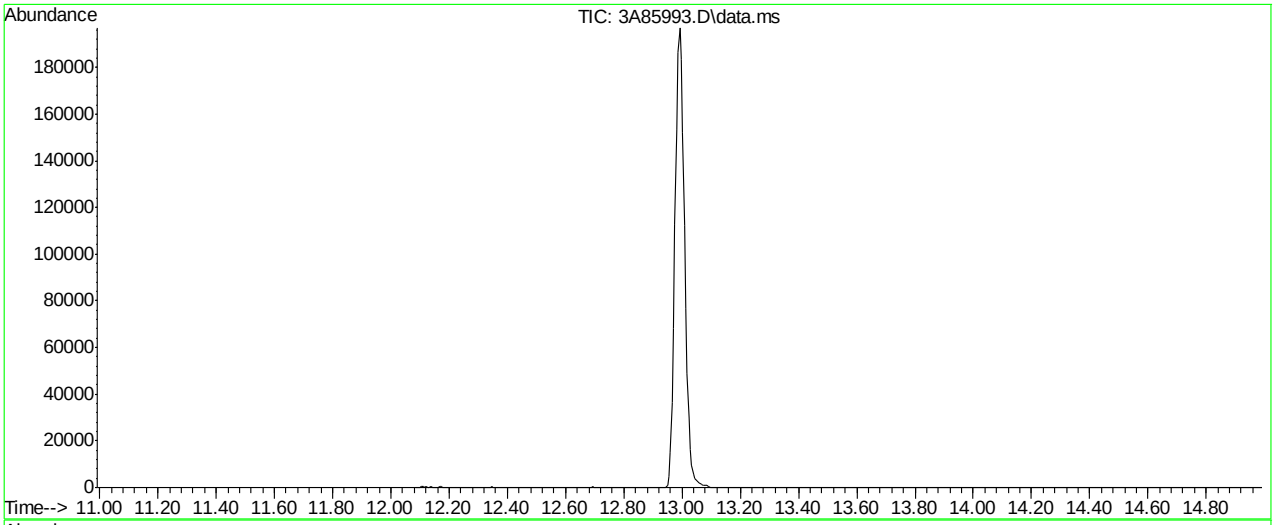
Average of 12.992 to 13.002 min.: 3A83944.D
bfb
Modified:subtracted

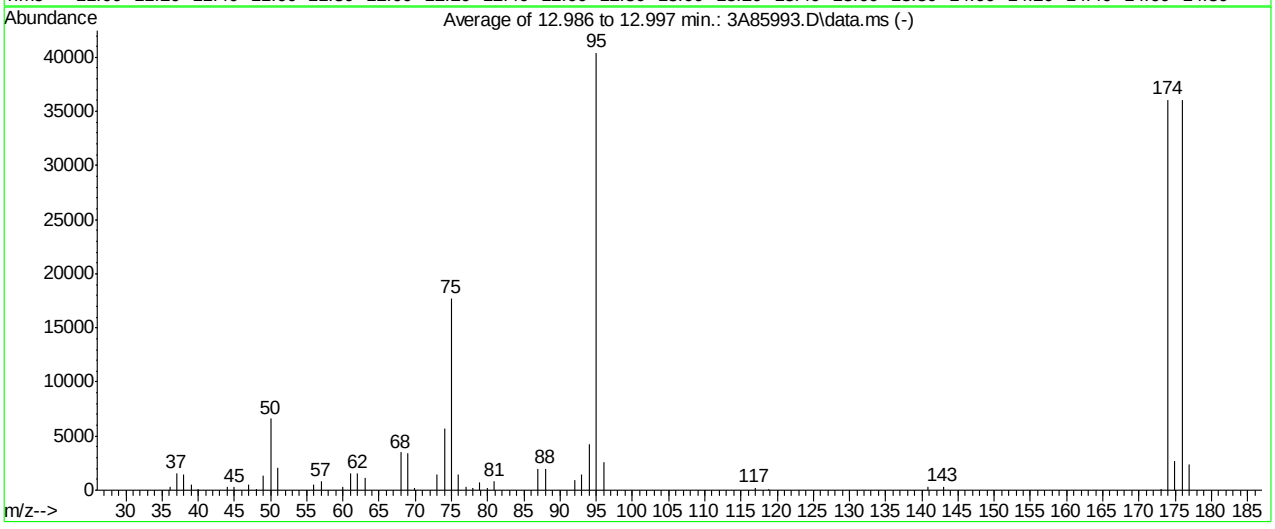
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
176.00	33800						
176.90	2328						

SW-846 Method 8260

```
Data File : C:\msdchem\1\DATA\3a...\v3a3693-94\3A85993.D Vial: 1
Acq On    : 30 Nov 2010   8:15 am                    Operator: HennyS
Sample    : bfb                                      Inst    : MS3A
Misc      : MS5211,V3A3693,,,,,1                     Multiplr: 1.00
MS Integration Params: RTEINT.P

Method    : C:\MSDCHEM\1\METHODS\M3ABFB.M (RTE Integrator)
Title     : SW-846 Method 8260
```





AutoFind: Scans 173, 174, 175; Background Corrected with Scan 163

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.4	6619	PASS
75	95	30	60	43.9	17760	PASS
95	95	100	100	100.0	40445	PASS
96	95	5	9	6.5	2615	PASS
173	174	0.00	2	0.4	128	PASS
174	95	50	120	89.2	36085	PASS
175	174	5	9	7.6	2740	PASS
176	174	95	101	99.8	36000	PASS
177	176	5	9	6.8	2434	PASS

3A85993.D M3ABFB.M Wed Dec 01 09:37:18 2010 VOA-06

Average of 12.986 to 12.997 min.: 3A85993.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	304	51.05	2037	74.00	5655	93.00	1461
37.00	1607	56.00	490	75.00	17760	94.00	4257
38.00	1438	57.00	858	76.00	1500	95.00	40445
39.00	571	60.00	298	76.95	280	96.00	2615
40.00	62	61.00	1571	77.95	205	116.90	215
44.00	278	62.00	1595	78.90	753	118.90	65
45.00	299	63.00	1113	79.95	222	140.90	289
47.00	547	68.00	3486	80.90	840	142.95	329
48.00	61	69.00	3400	86.95	1948	173.10	128
49.00	1377	69.95	254	88.00	1978	174.00	36085
50.00	6619	73.00	1488	92.00	920	174.95	2740

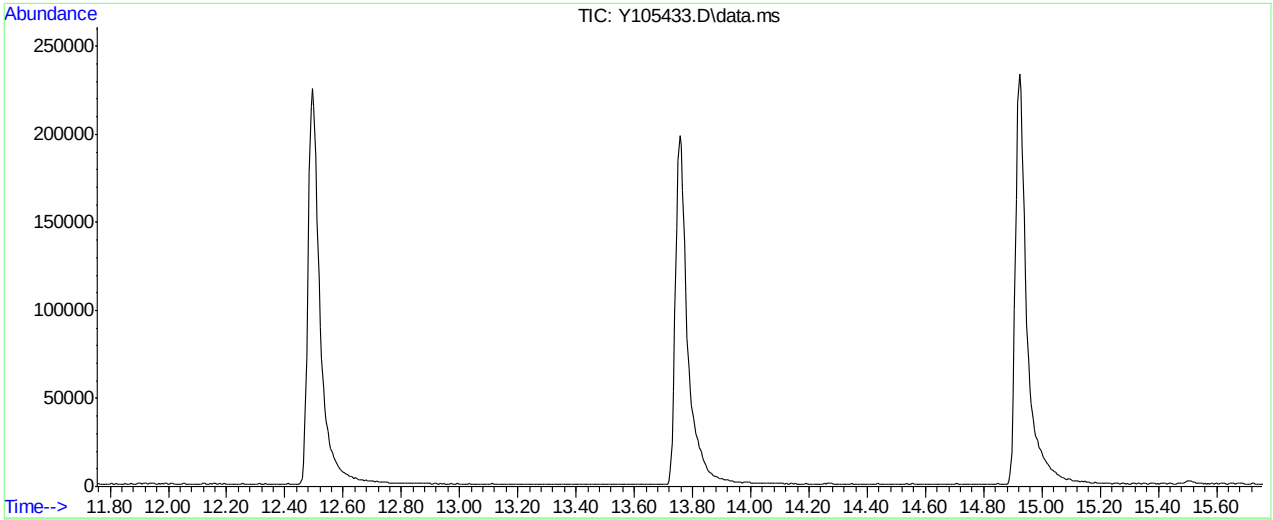
Average of 12.986 to 12.997 min.: 3A85993.D\data.ms
bfb
Modified:subtracted

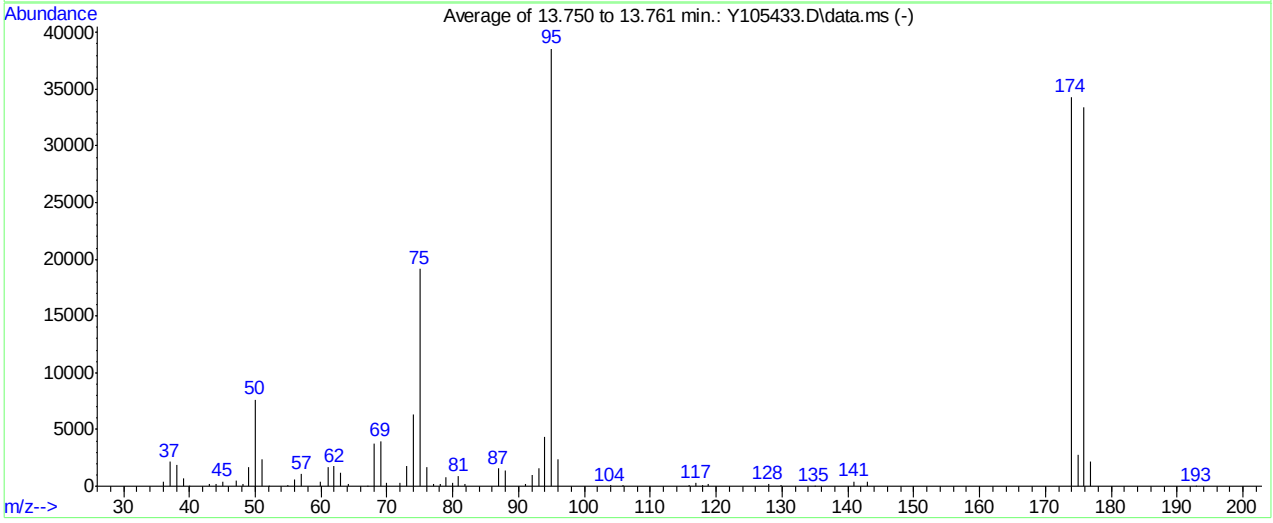
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
176.00	36000						
177.00	2434						

SW-846 Method 8260

Data File : C:\msdchem\1\DATA\Y-core\vy4490\Y105433.D Vial: 1
Acq On : 8 Nov 2010 9:26 am Operator: alexm1
Sample : BFB Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MYBFB.M (RTE Integrator)
Title : SW-846 Method 8260





AutoFind: Scans 2174, 2175, 2176; Background Corrected with Scan 2164

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	7636	PASS
75	95	30	60	49.6	19128	PASS
95	95	100	100	100.0	38592	PASS
96	95	5	9	6.2	2392	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	89.0	34328	PASS
175	174	5	9	8.0	2739	PASS
176	174	95	101	97.4	33429	PASS
177	176	5	9	6.6	2203	PASS

Y105433.D MYBFB.M Tue Nov 09 15:17:01 2010 ACCUNJ

Average of 13.750 to 13.761 min.: Y105433.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	435	50.00	7636	67.10	49	78.90	815
37.05	2167	51.00	2410	68.00	3746	79.95	269
38.05	1860	52.00	51	69.00	3957	80.90	923
39.05	677	55.00	139	70.00	328	81.85	173
39.90	23	56.00	571	72.00	261	86.90	1576
43.00	178	57.00	1050	73.00	1800	87.95	1414
44.00	196	59.95	384	74.00	6285	90.95	174
45.05	398	61.00	1719	75.00	19128	92.00	986
47.05	527	62.00	1779	76.00	1714	93.00	1550
48.05	228	63.00	1219	77.00	250	94.00	4398
49.00	1641	64.05	164	78.05	167	95.00	38592

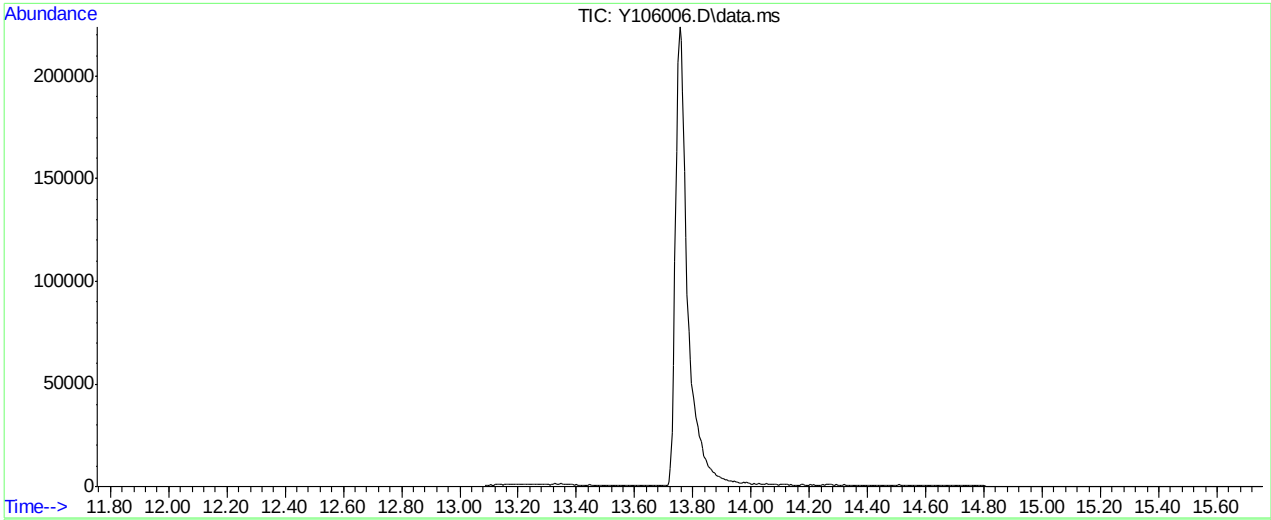
Average of 13.750 to 13.761 min.: Y105433.D\data.ms
BFB
Modified:subtracted

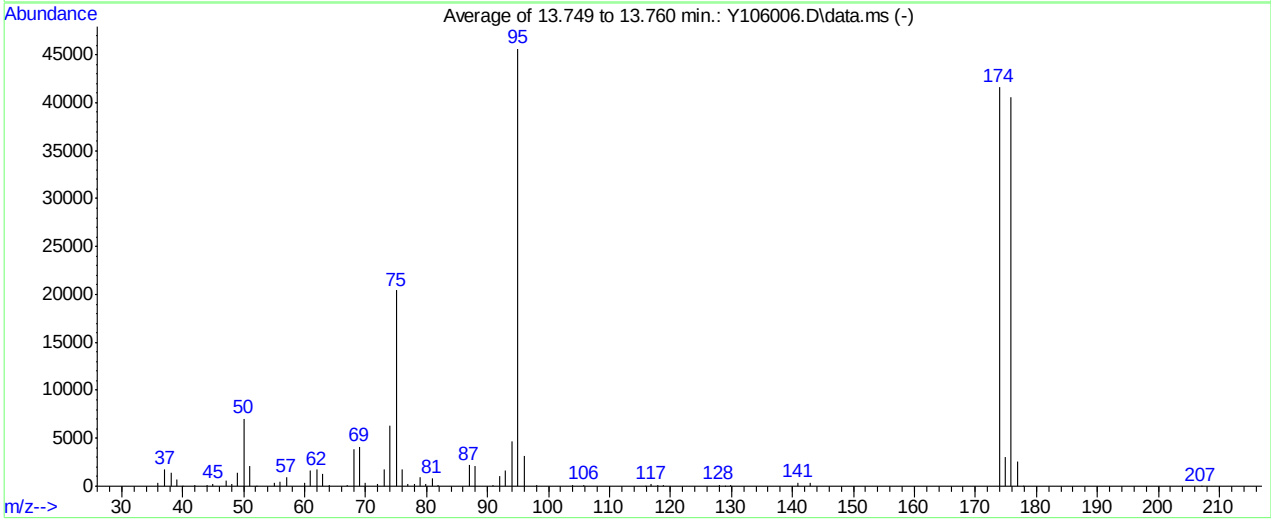
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
96.00	2392	142.95	388				
103.90	98	173.90	34328				
105.90	87	174.90	2739				
115.95	96	175.90	33429				
116.95	264	176.90	2203				
117.90	142	192.90	42				
118.85	199						
127.90	176						
129.85	146						
134.90	43						
140.95	396						

SW-846 Method 8260

```
Data File : C:\msdchem\1\DATA\Y-...VY4515-4516\Y106006.D Vial: 4
Acq On    : 23 Nov 2010  10:22 am                    Operator: alexm1
Sample    : BFB                                      Inst    : MSY
Misc      : MS5111,VY4515,5,,,,1                     Multiplr: 1.00
MS Integration Params: RTEINT.P

Method    : C:\msdchem\1\METHODS\mybfb.m (RTE Integrator)
Title     : SW-846 Method 8260
```





AutoFind: Scans 128, 129, 130; Background Corrected with Scan 118

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	7028	PASS
75	95	30	60	44.7	20419	PASS
95	95	100	100	100.0	45648	PASS
96	95	5	9	7.0	3206	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	91.2	41643	PASS
175	174	5	9	7.3	3029	PASS
176	174	95	101	97.3	40512	PASS
177	176	5	9	6.5	2615	PASS

Y106006.D mybfb.m Wed Nov 24 16:52:36 2010 ACCUNJ

Average of 13.749 to 13.760 min.: Y106006.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	302	50.00	7028	67.05	91	78.90	883
37.05	1759	51.00	2141	68.00	3829	79.90	266
38.05	1455	52.10	52	69.00	4122	80.90	842
39.10	718	55.00	327	70.00	411	81.85	177
39.95	27	56.00	499	71.95	203	87.00	2175
41.95	158	57.00	986	73.00	1723	87.90	2106
44.00	165	59.95	377	74.00	6343	90.95	141
45.00	294	60.95	1655	75.00	20419	92.00	1078
47.05	620	62.00	1713	76.00	1756	93.00	1644
48.00	235	63.00	1309	76.95	263	94.00	4735
49.00	1426	64.00	97	78.05	229	95.00	45648

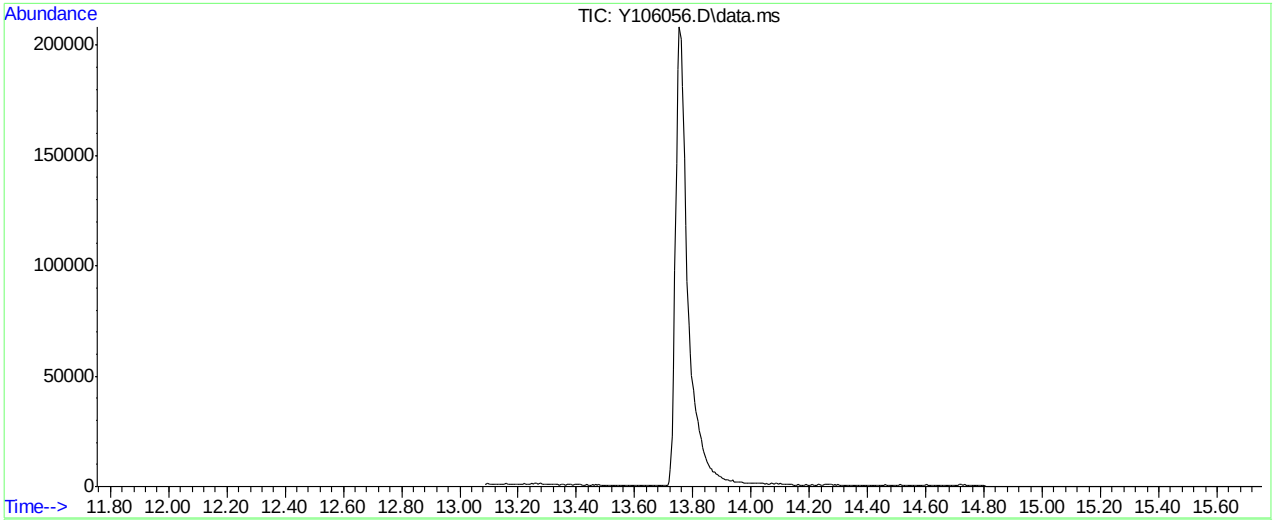
Average of 13.749 to 13.760 min.: Y106006.D\data.ms
BFB
Modified:subtracted

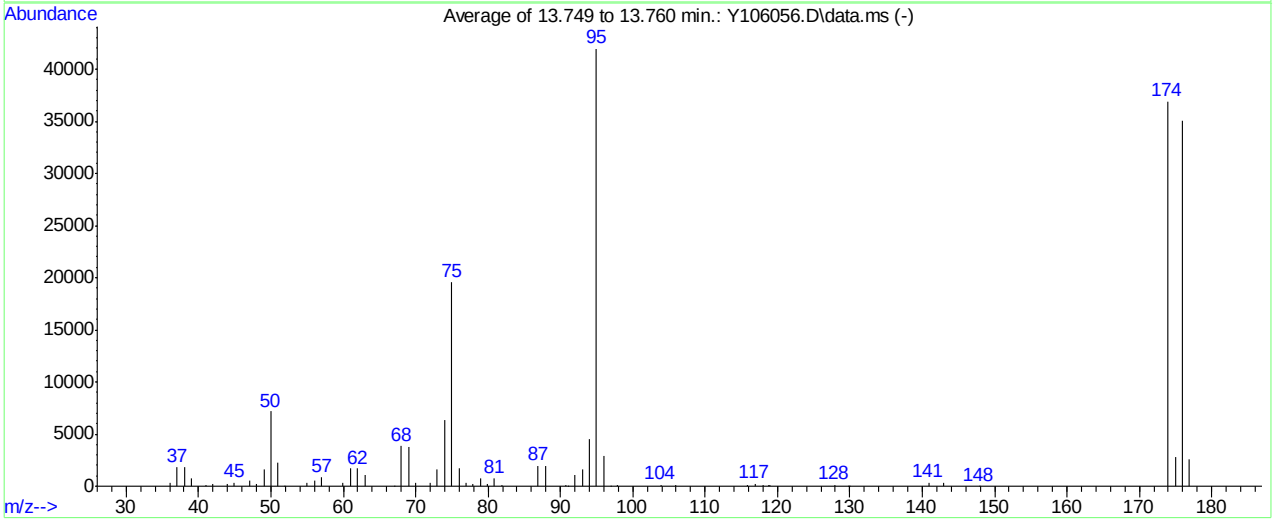
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
96.00	3206	140.90	370				
98.00	116	142.90	338				
103.90	65	173.90	41643				
105.85	178	174.90	3029				
115.90	51	175.90	40512				
116.85	221	176.90	2615				
117.90	156	177.80	48				
118.85	112	207.00	40				
127.95	148						
128.90	42						
129.85	130						

SW-846 Method 8260

```
Data File : C:\msdchem\1\DATA\Y-...VY4517-4520\Y106056.D Vial: 1
Acq On    : 24 Nov 2010   1:13 pm                    Operator: alexm1
Sample    : BFB                                      Inst    : MSY
Misc      : MS5111,VY4517,5,,,,1                     Multiplr: 1.00
MS Integration Params: RTEINT.P

Method    : C:\msdchem\1\METHODS\mybfb.m (RTE Integrator)
Title     : SW-846 Method 8260
```





AutoFind: Scans 128, 129, 130; Background Corrected with Scan 118

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.1	7174	PASS
75	95	30	60	46.7	19611	PASS
95	95	100	100	100.0	41984	PASS
96	95	5	9	7.0	2943	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	87.9	36901	PASS
175	174	5	9	7.5	2772	PASS
176	174	95	101	95.1	35091	PASS
177	176	5	9	7.2	2537	PASS

Y106056.D mybfb.m Mon Nov 29 15:41:14 2010 ACCUNJ

Average of 13.749 to 13.760 min.: Y106056.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	338	50.00	7174	68.00	3842	79.90	250
37.05	1834	51.00	2252	69.00	3740	80.90	785
38.05	1784	51.90	44	70.00	323	81.90	157
39.05	727	55.00	342	71.95	288	86.95	1951
41.00	82	56.00	545	73.00	1649	87.95	1887
42.00	177	57.00	884	74.00	6399	90.80	93
44.00	169	59.95	337	75.00	19611	91.00	48
44.95	378	61.00	1682	76.00	1719	92.00	1065
47.05	574	62.00	1720	76.95	284	93.00	1654
48.00	235	63.00	1130	77.95	167	94.00	4557
49.00	1592	67.10	45	78.90	752	95.00	41984

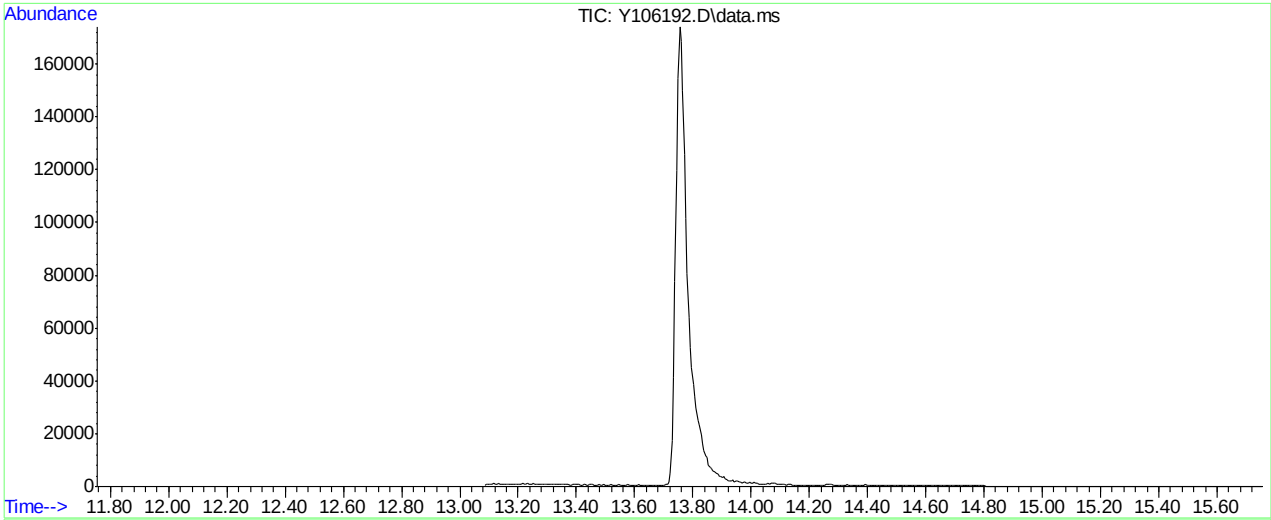
Average of 13.749 to 13.760 min.: Y106056.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
96.00	2943	129.80	43				
97.00	41	130.00	47				
97.95	150	140.90	328				
103.90	149	142.95	306				
105.95	124	147.90	47				
115.90	106	173.90	36901				
116.85	226	174.95	2772				
117.95	93	175.90	35091				
118.80	69	176.95	2537				
119.00	72						
127.90	163						

SW-846 Method 8260

Data File : C:\msdchem\1\DATA\Y-...VY4523-4524\Y106192.D Vial: 1
Acq On : 30 Nov 2010 10:09 am Operator: alexm1
Sample : BFB Inst : MSY
Misc : MS5404,VY4523,5,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\METHODS\mybfb.m (RTE Integrator)
Title : SW-846 Method 8260



AutoFind: Scans 128, 129, 130; Background Corrected with Scan 118

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.9	5580	PASS
75	95	30	60	44.8	15723	PASS
95	95	100	100	100.0	35093	PASS
96	95	5	9	6.8	2400	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	88.2	30949	PASS
175	174	5	9	7.9	2448	PASS
176	174	95	101	96.1	29744	PASS
177	176	5	9	6.3	1883	PASS

Y106192.D mybfb.m Wed Dec 01 14:19:56 2010 ACCUNJ

Average of 13.749 to 13.760 min.: Y106192.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	291	50.00	5580	63.90	44	78.90	704
37.00	1477	51.05	1829	68.00	2949	79.95	190
38.00	1408	52.00	44	69.00	3187	80.85	651
39.00	555	55.00	291	70.00	296	82.00	100
41.00	99	55.90	240	71.95	206	86.95	1601
42.00	111	56.10	149	73.00	1464	88.00	1550
43.95	32	57.00	796	74.00	5095	90.90	49
45.00	291	60.00	349	75.00	15723	92.00	939
47.00	506	61.00	1376	76.00	1446	93.00	1275
47.95	185	62.00	1464	76.95	203	94.00	3853
49.00	1245	63.00	957	78.00	198	95.00	35093

Average of 13.749 to 13.760 min.: Y106192.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
96.00	2400	142.95	298				
97.00	44	154.85	139				
103.90	40	172.00	43				
105.90	48	173.90	30949				
116.80	49	174.90	2448				
116.95	201	175.90	29744				
117.95	85	176.90	1883				
118.95	153	207.00	45				
127.85	101						
129.90	51						
140.95	308						

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83945.D Vial: 2
Acq On : 7 Oct 2010 7:19 pm Operator: HennyS
Sample : ic3607-0.5 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:35:07 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:35:01 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.07	65	73384	500.00	ug/L		0.00
4) pentafluorobenzene	10.52	168	161498	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.47	114	239490	50.00	ug/L		0.00
81) chlorobenzene-d5	14.81	117	222549	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.29	152	119425	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.56	113	2012	1.12	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 2.24%#				
47) 1,2-dichloroethane-d4 (s)	11.01	65	2345	1.16	ug/L		0.01
Spiked Amount 50.000	Range 64 - 135		Recovery = 2.32%#				
73) toluene-d8 (s)	13.20	98	9055	1.37	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 2.74%#				
97) 4-bromofluorobenzene (s)	16.05	95	3667	1.38	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 2.76%#				
Target Compounds							Qvalue
7) chlorodifluoromethane	4.26	51	532	0.37	ug/L		61
8) dichlorodifluoromethane	4.24	85	533	0.27	ug/L	#	50
9) chloromethane	4.60	50	1490	0.57	ug/L	#	50
10) vinyl chloride	4.89	62	1026	0.43	ug/L	#	50
11) bromomethane	5.62	94	704	0.46	ug/L		94
12) chloroethane	5.84	64	190	0.15	ug/L	#	45
13) trichlorofluoromethane	6.34	101	470	0.19	ug/L	#	27
14) Pentane	6.45	43	193	0.11	ug/L	#	32
18) acrolein	7.10	56	714651	133.44	ug/L		96
19) 1,1-dichloroethene	7.31	96	185	0.12	ug/L	#	13
20) acetone	7.38	43	2765	5.93	ug/L		52
21) allyl chloride	7.76	76	2641	2.67	ug/L	#	1
22) acetonitrile	7.90	40	961	6.36	ug/L	#	5
23) iodomethane	7.62	142	1151	0.38	ug/L	#	45
25) carbon disulfide	7.76	76	2641	0.45	ug/L		88
26) methylene chloride	8.13	84	724	0.39	ug/L	#	35
28) methyl tert butyl ether	8.49	73	2050	0.41	ug/L		53
29) trans-1,2-dichloroethene	8.55	96	512	0.29	ug/L	#	63
30) di-isopropyl ether	9.14	45	2344	0.42	ug/L	#	42
32) 1,1-dichloroethane	9.17	63	1171	0.37	ug/L	#	51
33) chloroprene	9.30	53	593	0.29	ug/L	#	34
34) acrylonitrile	8.55	53	519	0.87	ug/L	#	18
36) ethyl tert-butyl ether	9.65	59	2288	0.42	ug/L	#	72
38) 2,2-dichloropropane	9.97	77	886	0.36	ug/L		84
39) cis-1,2-dichloroethene	9.98	96	733	0.38	ug/L	#	50
44) chloroform	10.36	85	629	0.33	ug/L	#	86
45) t-butyl formate	10.38	59	176	0.12	ug/L	#	50
49) methacrylonitrile	10.39	41	136	0.16	ug/L	#	25
50) 1,1,1-trichloroethane	10.62	97	861	0.34	ug/L	#	57
51) Cyclohexane	10.71	84	508	0.21	ug/L		92
53) epichlorohydrin	12.67	57	128	0.92	ug/L		53
54) n-butyl alcohol	11.47	56	4113	100.45	ug/L	#	18
55) carbon tetrachloride	10.84	117	567	0.27	ug/L		85

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83945.D Vial: 2
Acq On : 7 Oct 2010 7:19 pm Operator: HennyS
Sample : ic3607-0.5 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:35:07 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:35:01 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
56)	1,1-dichloropropene	10.82	75	785	0.34 ug/L	#	41
58)	2,2,4-TRIMETHYLPENTANE	11.08	57	2010	0.39 ug/L	#	64
59)	benzene	11.09	78	3499	0.50 ug/L		96
61)	heptane	11.08	57	2010	2.09 ug/L	#	21
62)	isopropyl acetate	11.05	43	1469	0.47 ug/L		59
63)	1,2-dichloroethane	11.10	62	773	0.35 ug/L	#	48
64)	trichloroethene	11.83	95	556	0.32 ug/L	#	71
65)	methyl methacrylate	12.13	41	1027	0.27 ug/L	#	39
67)	2-chloroethyl vinyl ether	12.68	63	2184	2.03 ug/L		71
68)	1,2-dichloropropane	12.10	63	607	0.33 ug/L	#	47
70)	methylcyclohexane	12.06	83	716	0.29 ug/L	#	69
71)	bromodichloromethane	12.41	83	889	0.39 ug/L		95
72)	cis-1,3-dichloropropene	12.89	75	1163	0.40 ug/L	#	70
75)	toluene	13.28	92	2011	0.47 ug/L		88
77)	trans-1,3-dichloropropene	13.49	75	1097	0.42 ug/L	#	76
78)	ethyl methacrylate	13.49	69	518	0.25 ug/L		84
79)	1,1,2-trichloroethane	13.72	83	215	0.16 ug/L	#	54
82)	tetrachloroethene	13.90	164	534	0.36 ug/L		97
83)	1,3-dichloropropane	13.92	76	1076	0.42 ug/L	#	77
85)	3,3-dimethyl-1-butanol	14.09	57	244	1.80 ug/L	#	13
86)	dibromochloromethane	14.19	129	604	0.34 ug/L		88
87)	1,2-dibromoethane	14.36	107	553	0.34 ug/L		85
88)	chlorobenzene	14.85	112	2357	0.48 ug/L		89
89)	1,1,1,2-tetrachloroethane	14.91	131	669	0.39 ug/L		81
90)	ethylbenzene	14.90	91	3807	0.47 ug/L		94
91)	m,p-xylene	15.02	106	2962	0.95 ug/L		85
92)	o-xylene	15.47	106	1336	0.42 ug/L		91
93)	styrene	15.48	104	2370	0.45 ug/L		95
94)	bromoform	15.77	173	359	0.29 ug/L	#	36
96)	isopropylbenzene	15.83	105	3815	0.44 ug/L		98
99)	bromobenzene	16.26	156	866	0.39 ug/L		98
100)	1,1,2,2-tetrachloroethane	16.15	83	942	0.43 ug/L		93
103)	n-propylbenzene	16.26	120	898	0.39 ug/L	#	54
104)	2-chlorotoluene	16.43	126	888	0.42 ug/L	#	47
105)	4-chlorotoluene	16.54	126	938	0.43 ug/L	#	88
106)	1,3,5-trimethylbenzene	16.42	105	3366	0.47 ug/L		99
107)	tert-butylbenzene	16.79	119	2842	0.45 ug/L		98
108)	pentachloroethane	16.88	167	332	0.25 ug/L	#	73
109)	1,2,4-trimethylbenzene	16.85	105	3611	0.49 ug/L		96
110)	sec-butylbenzene	17.02	105	4540	0.48 ug/L		95
111)	1,3-dichlorobenzene	17.23	146	2040	0.46 ug/L		95
112)	p-isopropyltoluene	17.14	119	3762	0.48 ug/L		94
113)	1,4-dichlorobenzene	17.32	146	2229	0.50 ug/L		93
114)	1,2-dichlorobenzene	17.75	146	2106	0.48 ug/L		95
115)	benzyl chloride	17.44	91	2057	0.49 ug/L	#	68
116)	n-butylbenzene	17.59	92	1958	0.47 ug/L		96
118)	1,3,5-TRICHLOROBENZENE	18.79	180	1862	0.50 ug/L		93
119)	1,2,4-trichlorobenzene	19.48	180	1736	0.51 ug/L		99
120)	hexachlorobutadiene	19.60	225	733	0.44 ug/L		88

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83945.D Vial: 2
Acq On : 7 Oct 2010 7:19 pm Operator: HennyS
Sample : ic3607-0.5 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:35:07 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:35:01 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

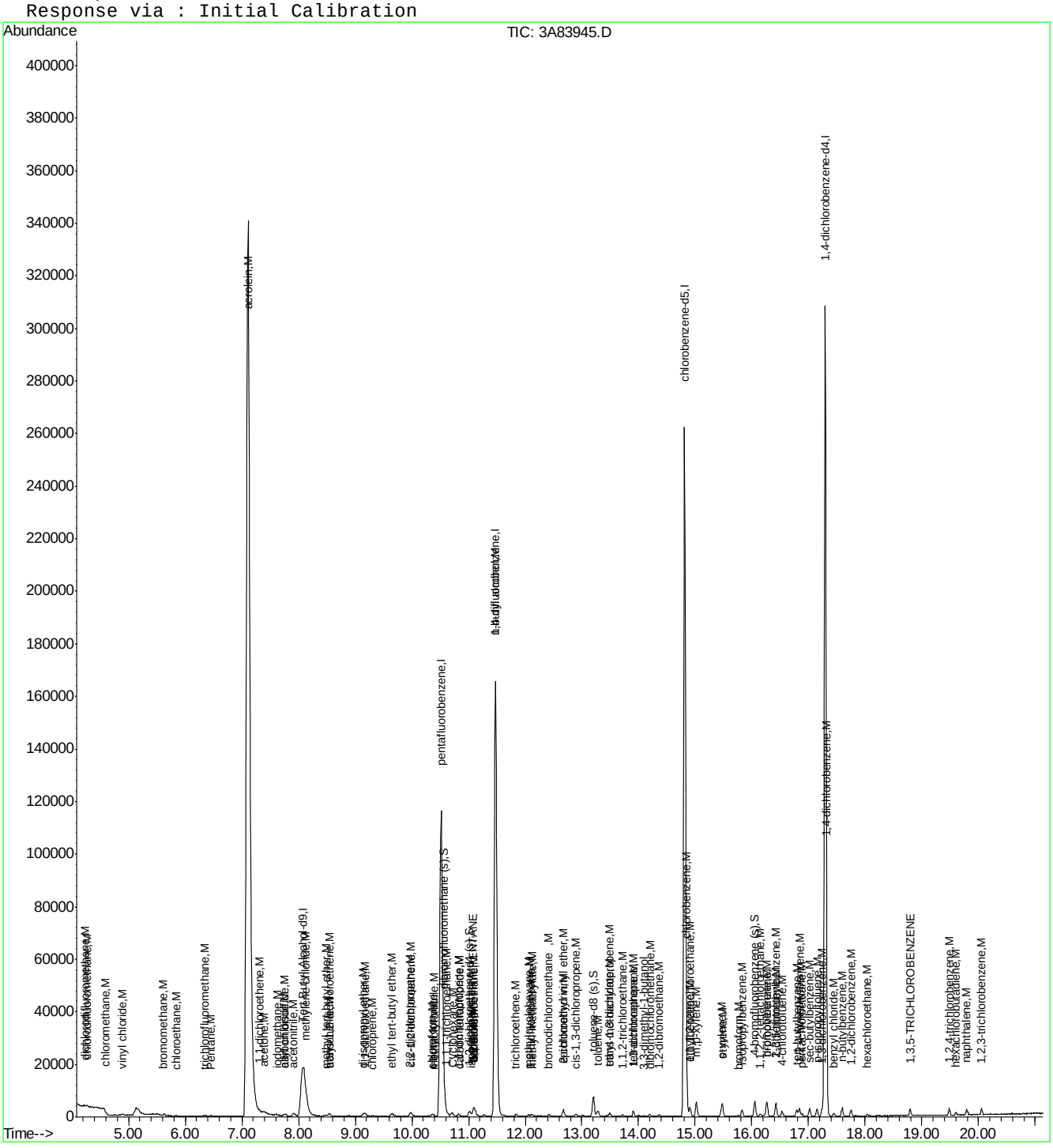
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
121) naphthalene	19.79	128	3980	0.57	ug/L		97
122) 1,2,3-trichlorobenzene	20.06	180	1492	0.50	ug/L		75
123) hexachloroethane	18.03	201	328	0.25	ug/L	#	21

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83945.D Vial: 2
Acq On : 7 Oct 2010 7:19 pm Operator: HennyS
Sample : ic3607-0.5 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 8 6:35 2010 Quant Results File: M3A3607.RES

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 10:15:44 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83946.D Vial: 3
Acq On : 7 Oct 2010 7:47 pm Operator: HennyS
Sample : ic3607-1 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:34:31 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:34:24 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.07	65	80210	500.00	ug/L		0.00
4) pentafluorobenzene	10.52	168	164526	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.47	114	241896	50.00	ug/L		0.00
81) chlorobenzene-d5	14.81	117	226233	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.29	152	119208	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.57	113	2943	1.59	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 3.18%#				
47) 1,2-dichloroethane-d4 (s)	11.01	65	3450	1.66	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 3.32%#				
73) toluene-d8 (s)	13.20	98	12832	1.89	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 3.78%#				
97) 4-bromofluorobenzene (s)	16.05	95	5070	1.91	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 3.82%#				
Target Compounds							Qvalue
7) chlorodifluoromethane	4.25	51	686	0.44	ug/L		61
8) dichlorodifluoromethane	4.23	85	1702	0.85	ug/L	#	50
9) chloromethane	4.60	50	2818	1.07	ug/L		88
10) vinyl chloride	4.89	62	2432	0.99	ug/L		95
11) bromomethane	5.63	94	1619	0.98	ug/L		87
12) chloroethane	5.84	64	1092	0.80	ug/L	#	45
13) trichlorofluoromethane	6.32	101	2225	0.88	ug/L		84
14) Pentane	6.45	43	1412	0.77	ug/L	#	53
15) ethyl ether	6.82	74	238	0.25	ug/L	#	41
18) acrolein	7.10	56	368752	1399.45	ug/L		95
19) 1,1-dichloroethene	7.30	96	1271	0.80	ug/L	#	51
20) acetone	7.40	43	846	1.78	ug/L		52
21) allyl chloride	7.90	76	687	0.65	ug/L	#	81
22) acetonitrile	7.90	40	804	5.17	ug/L	#	37
23) iodomethane	7.62	142	2748	0.87	ug/L		89
25) carbon disulfide	7.76	76	5763	0.95	ug/L		87
26) methylene chloride	8.12	84	1785	0.93	ug/L		89
28) methyl tert butyl ether	8.48	73	4610	0.88	ug/L		95
29) trans-1,2-dichloroethene	8.54	96	1728	0.94	ug/L		90
30) di-isopropyl ether	9.14	45	4885	0.87	ug/L	#	48
32) 1,1-dichloroethane	9.16	63	2902	0.88	ug/L		88
33) chloroprene	9.30	53	1622	0.79	ug/L		69
34) acrylonitrile	8.52	53	2267	3.61	ug/L		94
36) ethyl tert-butyl ether	9.65	59	4865	0.88	ug/L		97
38) 2,2-dichloropropane	9.97	77	2081	0.82	ug/L		82
39) cis-1,2-dichloroethene	9.97	96	1804	0.92	ug/L	#	80
41) propionitrile	10.06	54	1363	5.96	ug/L	#	19
42) bromochloromethane	10.30	128	620	0.64	ug/L		75
43) tetrahydrofuran	10.36	42	133	0.24	ug/L	#	35
44) chloroform	10.35	85	1746	0.88	ug/L	#	78
45) t-butyl formate	10.38	59	517	0.30	ug/L	#	1
49) methacrylonitrile	10.25	41	123	0.13	ug/L	#	25
50) 1,1,1-trichloroethane	10.61	97	2320	0.90	ug/L	#	48

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83946.D Vial: 3
Acq On : 7 Oct 2010 7:47 pm Operator: HennyS
Sample : ic3607-1 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:34:31 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:34:24 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	Cyclohexane	10.70	84	2005	0.78	ug/L	#	77
53)	epichlorohydrin	12.81	57	252	1.63	ug/L		53
54)	n-butyl alcohol	11.65	56	307	7.63	ug/L		89
55)	carbon tetrachloride	10.84	117	1746	0.81	ug/L		94
56)	1,1-dichloropropene	10.81	75	2048	0.86	ug/L		95
57)	hexane	8.86	57	1262	0.71	ug/L	#	63
58)	2,2,4-TRIMETHYLPENTANE	11.08	57	4310	0.80	ug/L	#	83
59)	benzene	11.09	78	6977	0.98	ug/L		97
60)	tert-amyl methyl ether	11.11	87	697	0.61	ug/L	#	20
61)	heptane	11.28	57	618	0.60	ug/L	#	57
62)	isopropyl acetate	11.03	43	3129	1.00	ug/L		59
63)	1,2-dichloroethane	11.11	62	1937	0.85	ug/L		92
64)	trichloroethene	11.84	95	1601	0.88	ug/L		92
65)	methyl methacrylate	12.13	41	2561	0.68	ug/L	#	72
67)	2-chloroethyl vinyl ether	12.66	63	4744	4.28	ug/L		96
68)	1,2-dichloropropane	12.11	63	1655	0.88	ug/L	#	47
69)	dibromomethane	12.27	93	770	0.69	ug/L		94
70)	methylcyclohexane	12.07	83	1996	0.76	ug/L		86
71)	bromodichloromethane	12.41	83	2025	0.86	ug/L		91
72)	cis-1,3-dichloropropene	12.89	75	2494	0.82	ug/L		94
75)	toluene	13.28	92	3980	0.90	ug/L		94
76)	3-methyl-1-butanol	13.03	55	645	10.41	ug/L	#	15
77)	trans-1,3-dichloropropene	13.49	75	2257	0.83	ug/L		98
78)	ethyl methacrylate	13.49	69	1682	0.79	ug/L		75
79)	1,1,2-trichloroethane	13.71	83	1149	0.84	ug/L		96
82)	tetrachloroethene	13.90	164	1270	0.83	ug/L		95
83)	1,3-dichloropropane	13.91	76	2316	0.86	ug/L		97
84)	butyl acetate	13.99	56	566	0.58	ug/L	#	50
85)	3,3-dimethyl-1-butanol	14.08	57	1007	7.43	ug/L	#	78
86)	dibromochloromethane	14.19	129	1541	0.83	ug/L		87
87)	1,2-dibromoethane	14.36	107	1467	0.88	ug/L		89
88)	chlorobenzene	14.84	112	4806	0.94	ug/L		94
89)	1,1,1,2-tetrachloroethane	14.92	131	1597	0.89	ug/L		95
90)	ethylbenzene	14.90	91	8198	0.98	ug/L		95
91)	m,p-xylene	15.02	106	6140	1.89	ug/L		100
92)	o-xylene	15.47	106	2860	0.86	ug/L		90
93)	styrene	15.48	104	5100	0.94	ug/L		95
94)	bromoform	15.76	173	1009	0.78	ug/L		95
96)	isopropylbenzene	15.82	105	8131	0.94	ug/L		96
98)	cyclohexanone	16.01	98	248	4.78	ug/L	#	12
99)	bromobenzene	16.26	156	2016	0.90	ug/L		93
100)	1,1,2,2-tetrachloroethane	16.15	83	1993	0.89	ug/L		95
101)	trans-1,4-dichloro-2-buten	16.20	53	204	0.38	ug/L	#	73
102)	1,2,3-trichloropropane	16.23	110	363	0.64	ug/L	#	32
103)	n-propylbenzene	16.26	120	2103	0.90	ug/L	#	76
104)	2-chlorotoluene	16.43	126	1984	0.93	ug/L		78
105)	4-chlorotoluene	16.54	126	2070	0.95	ug/L		91
106)	1,3,5-trimethylbenzene	16.42	105	6669	0.93	ug/L		96
107)	tert-butylbenzene	16.79	119	5846	0.93	ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83946.D Vial: 3
Acq On : 7 Oct 2010 7:47 pm Operator: HennyS
Sample : ic3607-1 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:34:31 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:34:24 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

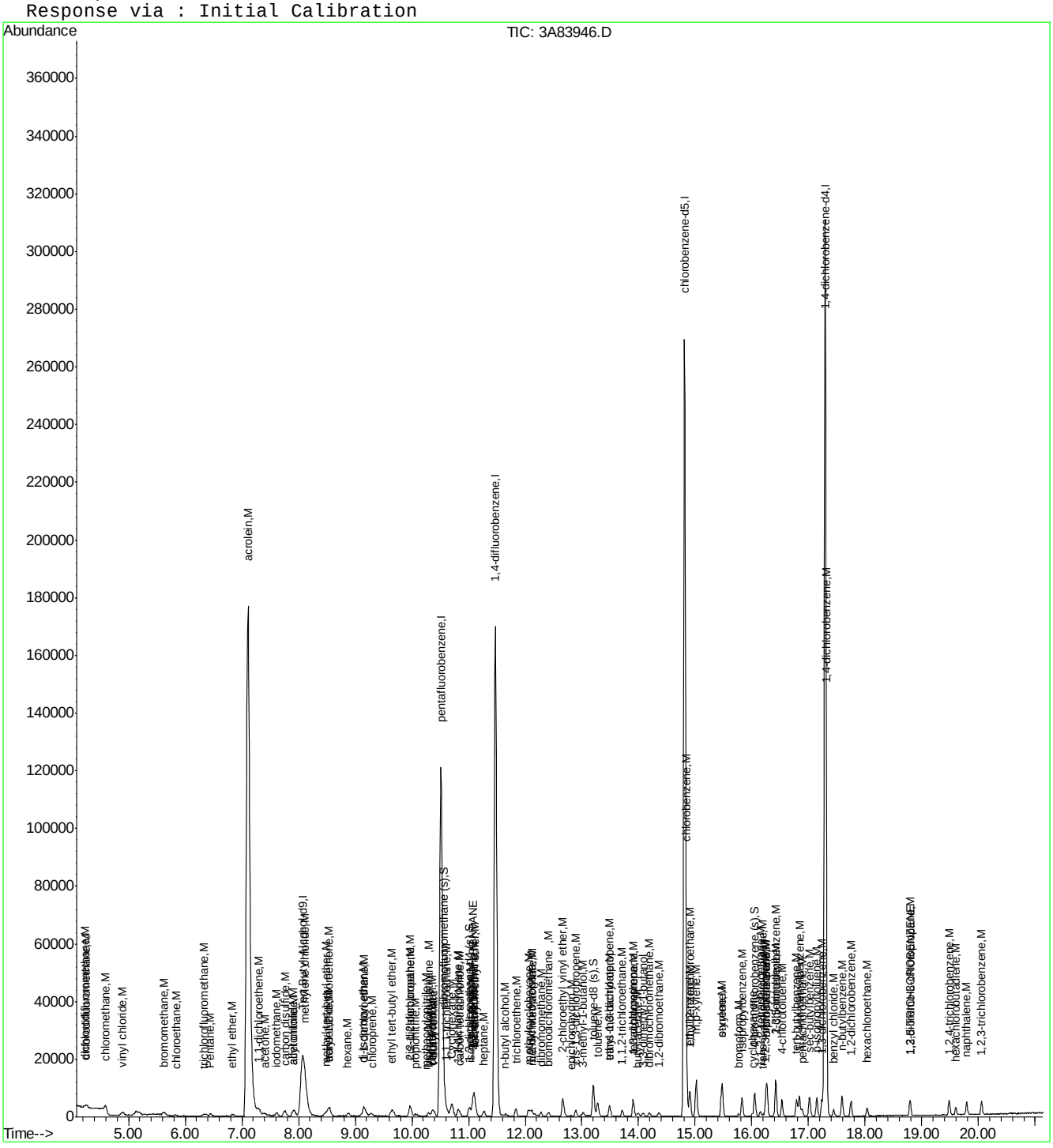
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
108) pentachloroethane	16.89	167	1113	0.82	ug/L	#	76
109) 1,2,4-trimethylbenzene	16.84	105	7215	0.98	ug/L		97
110) sec-butylbenzene	17.02	105	9083	0.95	ug/L		99
111) 1,3-dichlorobenzene	17.23	146	4307	0.97	ug/L		96
112) p-isopropyltoluene	17.15	119	7438	0.94	ug/L		96
113) 1,4-dichlorobenzene	17.32	146	4448	0.99	ug/L		86
114) 1,2-dichlorobenzene	17.75	146	4157	0.95	ug/L		95
115) benzyl chloride	17.44	91	3928	0.94	ug/L	#	86
116) n-butylbenzene	17.59	92	3964	0.95	ug/L		92
117) 1,2-dibromo-3-chloropropan	18.79	75	274	0.67	ug/L	#	1
118) 1,3,5-TRICHLOROBENZENE	18.80	180	3429	0.92	ug/L		96
119) 1,2,4-trichlorobenzene	19.48	180	3142	0.92	ug/L		94
120) hexachlorobutadiene	19.60	225	1561	0.94	ug/L		87
121) naphthalene	19.79	128	6476	0.91	ug/L		98
122) 1,2,3-trichlorobenzene	20.05	180	2705	0.90	ug/L		97
123) hexachloroethane	18.03	201	993	0.75	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83946.D Vial: 3
Acq On : 7 Oct 2010 7:47 pm Operator: HennyS
Sample : ic3607-1 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 8 6:34 2010 Quant Results File: M3A3607.RES

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 10:15:44 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83947.D Vial: 4
Acq On : 7 Oct 2010 8:16 pm Operator: HennyS
Sample : ic3607-2 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:34:09 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:34:02 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.07	65	77390	500.00	ug/L		0.00
4) pentafluorobenzene	10.52	168	163788	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.47	114	239993	50.00	ug/L		0.00
81) chlorobenzene-d5	14.81	117	222475	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.29	152	120070	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.56	113	4282	2.42	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 4.84%#				
47) 1,2-dichloroethane-d4 (s)	11.01	65	4951	2.39	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 4.78%#				
73) toluene-d8 (s)	13.20	98	17395	2.58	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 5.16%#				
97) 4-bromofluorobenzene (s)	16.05	95	6840	2.56	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 5.12%#				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.21	59	869	5.53	ug/L		76
7) chlorodifluoromethane	4.25	51	2659	1.64	ug/L		61
8) dichlorodifluoromethane	4.23	85	3781	1.86	ug/L		89
9) chloromethane	4.59	50	5649	2.19	ug/L		92
10) vinyl chloride	4.89	62	5247	2.18	ug/L		91
11) bromomethane	5.62	94	3528	2.20	ug/L		89
12) chloroethane	5.84	64	2861	2.12	ug/L		98
13) trichlorofluoromethane	6.33	101	5232	2.09	ug/L		85
14) Pentane	6.46	43	3213	1.70	ug/L	#	81
15) ethyl ether	6.82	74	1445	1.45	ug/L		94
18) acrolein	7.13	56	6094	24.21	ug/L		93
19) 1,1-dichloroethene	7.30	96	3026	1.89	ug/L		90
21) allyl chloride	7.90	76	1918	1.78	ug/L	#	88
22) acetonitrile	7.90	40	3226	21.08	ug/L	#	77
23) iodomethane	7.61	142	6091	1.93	ug/L		91
24) iso-butyl alcohol	11.08	74	757	13.89	ug/L	#	1
25) carbon disulfide	7.75	76	12144	2.01	ug/L		97
26) methylene chloride	8.12	84	3791	1.98	ug/L		99
27) methyl acetate	7.92	43	1551	1.20	ug/L		55
28) methyl tert butyl ether	8.48	73	10345	1.99	ug/L		98
29) trans-1,2-dichloroethene	8.54	96	3631	1.99	ug/L		95
30) di-isopropyl ether	9.14	45	10159	1.78	ug/L	#	50
32) 1,1-dichloroethane	9.16	63	6389	1.92	ug/L		95
33) chloroprene	9.28	53	3490	1.65	ug/L		94
34) acrylonitrile	8.51	53	5548	8.63	ug/L		95
36) ethyl tert-butyl ether	9.65	59	10010	1.77	ug/L		98
38) 2,2-dichloropropane	9.95	77	5113	2.03	ug/L		91
39) cis-1,2-dichloroethene	9.97	96	3755	1.90	ug/L		92
41) propionitrile	10.05	54	4008	17.10	ug/L	#	62
42) bromochloromethane	10.30	128	1785	1.83	ug/L		82
43) tetrahydrofuran	10.36	42	900	1.55	ug/L	#	35
44) chloroform	10.35	85	3792	1.91	ug/L		96
45) t-butyl formate	10.38	59	2883	1.63	ug/L	#	84

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83947.D Vial: 4
Acq On : 7 Oct 2010 8:16 pm Operator: HennyS
Sample : ic3607-2 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:34:09 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:34:02 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	freon 113	7.26	151	1334	1.20	ug/L	#	63
49)	methacrylonitrile	10.25	41	1725	1.72	ug/L		87
50)	1,1,1-trichloroethane	10.62	97	5086	1.98	ug/L		84
51)	Cyclohexane	10.69	84	4846	1.87	ug/L	#	79
53)	epichlorohydrin	12.79	57	1163	7.15	ug/L		53
54)	n-butyl alcohol	11.63	56	2708	62.83	ug/L		95
55)	carbon tetrachloride	10.83	117	4141	1.91	ug/L		97
56)	1,1-dichloropropene	10.81	75	4619	1.93	ug/L		97
57)	hexane	8.88	57	2996	1.65	ug/L		93
58)	2,2,4-TRIMETHYLPENTANE	11.07	57	9627	1.76	ug/L		95
59)	benzene	11.09	78	14447	2.05	ug/L		98
60)	tert-amyl methyl ether	11.11	87	1992	1.72	ug/L	#	66
61)	heptane	11.27	57	1629	1.52	ug/L		89
62)	isopropyl acetate	11.02	43	5756	1.85	ug/L		85
63)	1,2-dichloroethane	11.10	62	4403	1.93	ug/L		93
64)	trichloroethene	11.83	95	3562	1.98	ug/L		91
65)	methyl methacrylate	12.11	41	7103	1.86	ug/L		76
67)	2-chloroethyl vinyl ether	12.66	63	9577	8.43	ug/L		96
68)	1,2-dichloropropane	12.10	63	3557	1.89	ug/L		96
69)	dibromomethane	12.27	93	2091	1.87	ug/L		93
70)	methylcyclohexane	12.05	83	4522	1.68	ug/L		92
71)	bromodichloromethane	12.41	83	4543	1.93	ug/L		95
72)	cis-1,3-dichloropropene	12.89	75	5917	1.94	ug/L		98
74)	4-methyl-2-pentanone	12.99	58	841	1.32	ug/L	#	47
75)	toluene	13.28	92	8791	2.02	ug/L		94
76)	3-methyl-1-butanol	13.02	55	1824	27.86	ug/L		95
77)	trans-1,3-dichloropropene	13.49	75	5173	1.90	ug/L		97
78)	ethyl methacrylate	13.47	69	3932	1.83	ug/L		94
79)	1,1,2-trichloroethane	13.71	83	2615	1.92	ug/L		92
80)	2-hexanone	13.91	58	604	1.07	ug/L	#	61
82)	tetrachloroethene	13.90	164	2966	1.95	ug/L		93
83)	1,3-dichloropropane	13.90	76	5293	2.00	ug/L		99
84)	butyl acetate	13.98	56	1490	1.47	ug/L	#	79
85)	3,3-dimethyl-1-butanol	14.08	57	2272	16.44	ug/L		94
86)	dibromochloromethane	14.19	129	3484	1.90	ug/L		99
87)	1,2-dibromoethane	14.36	107	3197	1.95	ug/L		95
88)	chlorobenzene	14.84	112	10250	2.06	ug/L		85
89)	1,1,1,2-tetrachloroethane	14.91	131	3538	2.00	ug/L		94
90)	ethylbenzene	14.90	91	16839	2.07	ug/L		97
91)	m,p-xylene	15.02	106	13255	4.20	ug/L		96
92)	o-xylene	15.46	106	6601	2.03	ug/L		89
93)	styrene	15.48	104	10566	1.97	ug/L		93
94)	bromoform	15.76	173	2328	1.80	ug/L		86
96)	isopropylbenzene	15.82	105	17004	1.94	ug/L		97
98)	cyclohexanone	16.01	98	872	16.70	ug/L		78
99)	bromobenzene	16.26	156	4386	1.93	ug/L		96
100)	1,1,2,2-tetrachloroethane	16.15	83	4480	1.98	ug/L		94
101)	trans-1,4-dichloro-2-buten	16.20	53	920	1.70	ug/L		99
102)	1,2,3-trichloropropane	16.23	110	1052	1.79	ug/L		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83947.D Vial: 4
Acq On : 7 Oct 2010 8:16 pm Operator: HennyS
Sample : ic3607-2 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:34:09 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:34:02 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

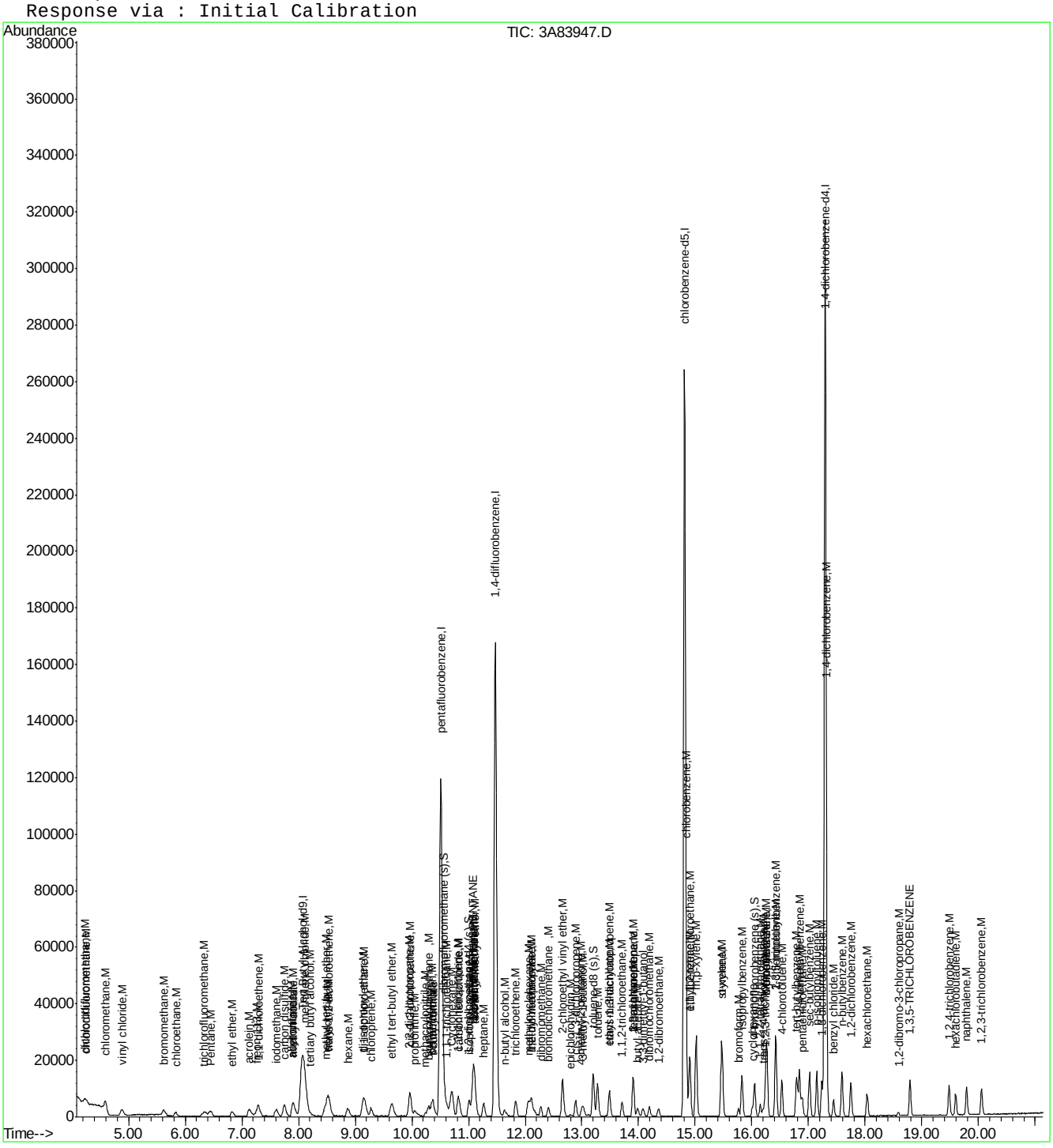
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
103) n-propylbenzene	16.26	120	4559	1.92 ug/L	96
104) 2-chlorotoluene	16.42	126	4336	2.02 ug/L	98
105) 4-chlorotoluene	16.53	126	4330	1.96 ug/L	95
106) 1,3,5-trimethylbenzene	16.42	105	14414	1.99 ug/L	98
107) tert-butylbenzene	16.79	119	12346	1.93 ug/L	99
108) pentachloroethane	16.89	167	2546	1.83 ug/L	96
109) 1,2,4-trimethylbenzene	16.84	105	14588	1.95 ug/L	99
110) sec-butylbenzene	17.02	105	18953	1.97 ug/L	99
111) 1,3-dichlorobenzene	17.23	146	9240	2.08 ug/L	97
112) p-isopropyltoluene	17.14	119	15511	1.93 ug/L	99
113) 1,4-dichlorobenzene	17.32	146	9371	2.08 ug/L	96
114) 1,2-dichlorobenzene	17.75	146	8710	1.97 ug/L	99
115) benzyl chloride	17.44	91	7596	1.76 ug/L	94
116) n-butylbenzene	17.59	92	8116	1.91 ug/L	97
117) 1,2-dibromo-3-chloropropan	18.60	75	552	1.33 ug/L #	83
118) 1,3,5-TRICHLOROBENZENE	18.79	180	7295	1.93 ug/L	98
119) 1,2,4-trichlorobenzene	19.48	180	6450	1.85 ug/L	95
120) hexachlorobutadiene	19.60	225	3274	1.95 ug/L	97
121) naphthalene	19.79	128	13241	1.82 ug/L	98
122) 1,2,3-trichlorobenzene	20.05	180	5670	1.85 ug/L	99
123) hexachloroethane	18.03	201	2378	1.75 ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83947.D Vial: 4
Acq On : 7 Oct 2010 8:16 pm Operator: HennyS
Sample : ic3607-2 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 8 6:34 2010 Quant Results File: M3A3607.RES

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 10:15:44 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83948.D Vial: 5
Acq On : 7 Oct 2010 8:45 pm Operator: HennyS
Sample : ic3607-5 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:33:29 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:33:21 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.08	65	75173	500.00	ug/L		0.00
4) pentafluorobenzene	10.52	168	158807	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.47	114	236526	50.00	ug/L		0.00
81) chlorobenzene-d5	14.81	117	217825	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.29	152	116125	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.58	113	9531	5.96	ug/L		0.01
Spiked Amount 50.000	Range 76 - 120		Recovery = 11.92%#				
47) 1,2-dichloroethane-d4 (s)	11.01	65	11371	6.02	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 12.04%#				
73) toluene-d8 (s)	13.20	98	37331	6.03	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 12.06%#				
97) 4-bromofluorobenzene (s)	16.05	95	14524	6.02	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 12.04%#				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.21	59	3560	23.67	ug/L	#	76
3) 1,4-dioxane	12.23	88	1467	101.38	ug/L		90
7) chlorodifluoromethane	4.26	51	7772	5.08	ug/L		98
8) dichlorodifluoromethane	4.24	85	9964	5.29	ug/L		94
9) chloromethane	4.60	50	12465	5.15	ug/L		98
10) vinyl chloride	4.89	62	11570	5.11	ug/L		97
11) bromomethane	5.63	94	7988	5.18	ug/L		96
12) chloroethane	5.83	64	6421	4.99	ug/L		98
13) trichlorofluoromethane	6.35	101	12198	5.18	ug/L		96
14) Pentane	6.45	43	9373	5.27	ug/L		93
15) ethyl ether	6.83	74	4475	4.70	ug/L		91
18) acrolein	7.12	56	15836	48.41	ug/L		99
19) 1,1-dichloroethene	7.30	96	7574	5.00	ug/L		95
20) acetone	7.41	43	1750	3.95	ug/L		52
21) allyl chloride	7.91	76	4958	4.81	ug/L	#	84
22) acetonitrile	7.90	40	7589	52.55	ug/L	#	74
23) iodomethane	7.62	142	14904	5.04	ug/L		97
24) iso-butyl alcohol	11.09	74	2392	44.81	ug/L	#	81
25) carbon disulfide	7.75	76	29413	5.17	ug/L		100
26) methylene chloride	8.13	84	9220	5.11	ug/L		97
27) methyl acetate	7.91	43	6140	5.02	ug/L		95
28) methyl tert butyl ether	8.48	73	24876	5.08	ug/L		99
29) trans-1,2-dichloroethene	8.54	96	8868	5.13	ug/L		98
30) di-isopropyl ether	9.14	45	27333	5.06	ug/L	#	51
31) 2-butanone	9.96	72	361	2.07	ug/L	#	61
32) 1,1-dichloroethane	9.17	63	15796	5.00	ug/L		99
33) chloroprene	9.29	53	9934	4.93	ug/L		95
34) acrylonitrile	8.50	53	14813	24.24	ug/L		98
35) vinyl acetate	9.17	86	524	2.09	ug/L	#	1
36) ethyl tert-butyl ether	9.65	59	26776	5.02	ug/L		99
37) ethyl acetate	9.96	45	660	3.02	ug/L	#	62
38) 2,2-dichloropropane	9.96	77	12432	5.22	ug/L		98
39) cis-1,2-dichloroethene	9.96	96	9430	5.02	ug/L		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83948.D Vial: 5
Acq On : 7 Oct 2010 8:45 pm Operator: HennyS
Sample : ic3607-5 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:33:29 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:33:21 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
40)	methylacrylate	10.06	85	375	1.64 ug/L	#	1
41)	propionitrile	10.04	54	10769	48.11 ug/L	#	71
42)	bromochloromethane	10.30	128	4505	4.86 ug/L		94
43)	tetrahydrofuran	10.34	42	2805	5.13 ug/L		93
44)	chloroform	10.37	85	9619	5.13 ug/L		93
45)	t-butyl formate	10.39	59	8158	4.82 ug/L	#	88
48)	freon 113	7.27	151	5167	4.88 ug/L		86
49)	methacrylonitrile	10.24	41	4874	5.21 ug/L		98
50)	1,1,1-trichloroethane	10.62	97	12338	5.08 ug/L		94
51)	Cyclohexane	10.69	84	12672	5.13 ug/L	#	68
53)	epichlorohydrin	12.79	57	3825	24.15 ug/L		91
54)	n-butyl alcohol	11.61	56	9490	224.14 ug/L		97
55)	carbon tetrachloride	10.83	117	10672	5.11 ug/L		97
56)	1,1-dichloropropene	10.81	75	11674	5.06 ug/L		96
57)	hexane	8.88	57	8985	5.12 ug/L		95
58)	2,2,4-TRIMETHYLPENTANE	11.08	57	28534	5.50 ug/L	#	93
59)	benzene	11.08	78	35154	5.18 ug/L		99
60)	tert-amyl methyl ether	11.12	87	5559	4.91 ug/L	#	81
61)	heptane	11.27	57	5351	5.14 ug/L		98
62)	isopropyl acetate	11.01	43	15559	5.26 ug/L		98
63)	1,2-dichloroethane	11.10	62	11353	5.19 ug/L		97
64)	trichloroethene	11.83	95	8571	4.92 ug/L		97
65)	methyl methacrylate	12.11	41	18474	5.00 ug/L		82
67)	2-chloroethyl vinyl ether	12.66	63	26853	24.24 ug/L		98
68)	1,2-dichloropropane	12.10	63	9122	4.99 ug/L		94
69)	dibromomethane	12.27	93	5399	5.01 ug/L		99
70)	methylcyclohexane	12.06	83	13322	5.13 ug/L		95
71)	bromodichloromethane	12.41	83	11304	5.01 ug/L		98
72)	cis-1,3-dichloropropene	12.89	75	14574	4.97 ug/L		98
74)	4-methyl-2-pentanone	12.99	58	2906	4.63 ug/L		93
75)	toluene	13.27	92	21323	5.07 ug/L		98
76)	3-methyl-1-butanol	13.01	55	5867	90.90 ug/L		96
77)	trans-1,3-dichloropropene	13.49	75	13172	5.03 ug/L		94
78)	ethyl methacrylate	13.48	69	9972	4.78 ug/L		98
79)	1,1,2-trichloroethane	13.72	83	6635	5.05 ug/L		95
80)	2-hexanone	13.90	58	2379	4.16 ug/L		89
82)	tetrachloroethene	13.90	164	7249	4.88 ug/L		93
83)	1,3-dichloropropane	13.90	76	13218	5.21 ug/L		96
84)	butyl acetate	13.97	56	4807	4.86 ug/L		89
85)	3,3-dimethyl-1-butanol	14.08	57	6459	48.34 ug/L		97
86)	dibromochloromethane	14.19	129	8878	5.05 ug/L		96
87)	1,2-dibromoethane	14.35	107	8041	5.12 ug/L		95
88)	chlorobenzene	14.84	112	24556	5.15 ug/L		96
89)	1,1,1,2-tetrachloroethane	14.91	131	8641	5.03 ug/L		96
90)	ethylbenzene	14.90	91	40739	5.19 ug/L		97
91)	m,p-xylene	15.02	106	31501	10.32 ug/L		96
92)	o-xylene	15.46	106	16240	5.22 ug/L		98
93)	styrene	15.48	104	26241	5.06 ug/L		97
94)	bromoform	15.76	173	6219	5.03 ug/L		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83948.D Vial: 5
Acq On : 7 Oct 2010 8:45 pm Operator: HennyS
Sample : ic3607-5 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:33:29 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:33:21 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

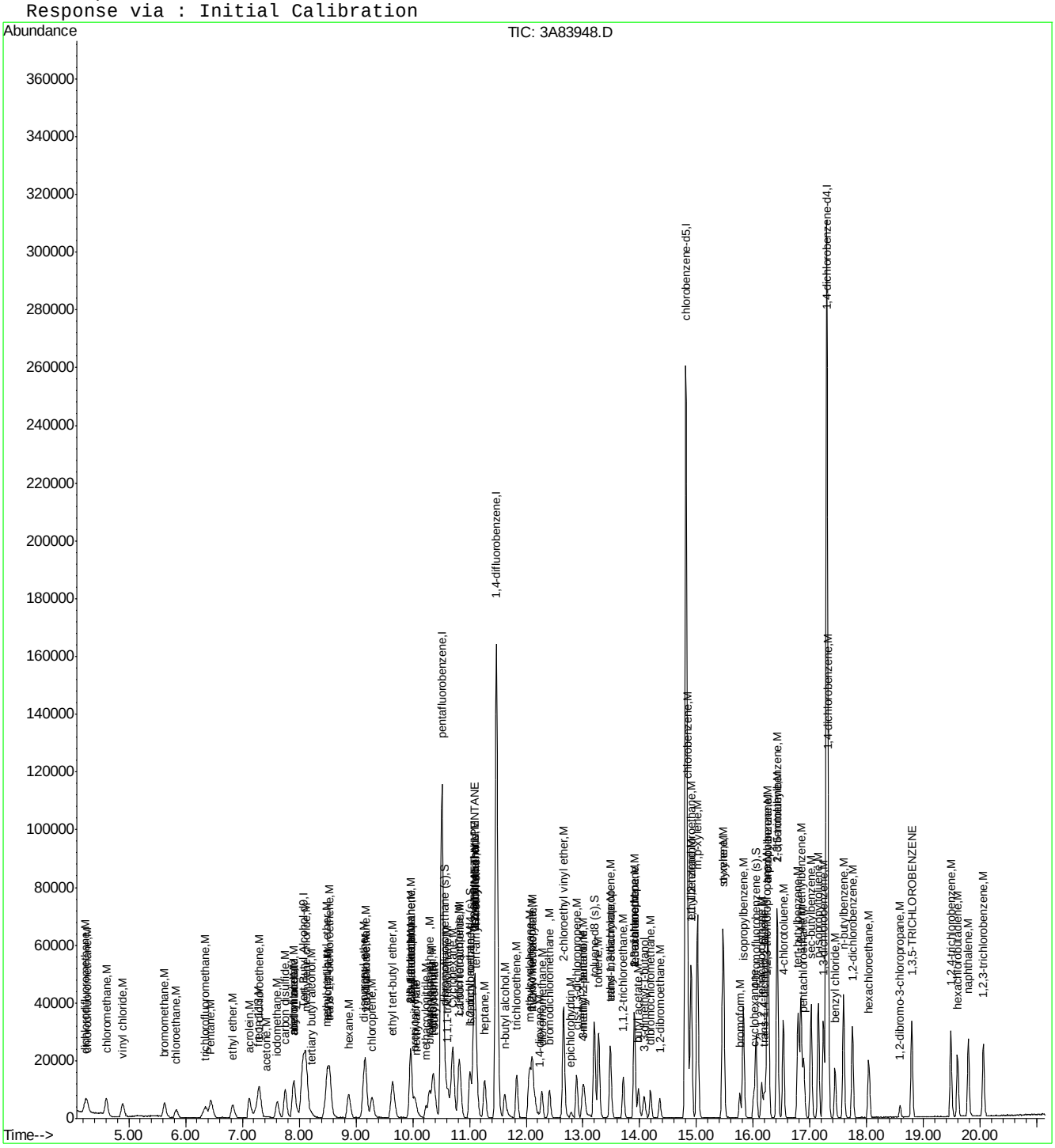
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
96)	isopropylbenzene	15.82	105	41599	4.97	ug/L	99
98)	cyclohexanone	16.01	98	2398	52.29	ug/L	88
99)	bromobenzene	16.26	156	11178	5.20	ug/L	93
100)	1,1,2,2-tetrachloroethane	16.15	83	11054	5.21	ug/L	99
101)	trans-1,4-dichloro-2-buten	16.19	53	2365	4.52	ug/L	99
102)	1,2,3-trichloropropane	16.23	110	2726	4.80	ug/L	91
103)	n-propylbenzene	16.26	120	11284	4.96	ug/L	99
104)	2-chlorotoluene	16.42	126	10380	5.08	ug/L	89
105)	4-chlorotoluene	16.53	126	10610	5.05	ug/L	92
106)	1,3,5-trimethylbenzene	16.42	105	34281	4.95	ug/L	99
107)	tert-butylbenzene	16.79	119	30073	4.95	ug/L	97
108)	pentachloroethane	16.89	167	6721	5.13	ug/L	98
109)	1,2,4-trimethylbenzene	16.84	105	35861	5.06	ug/L	99
110)	sec-butylbenzene	17.02	105	46296	5.06	ug/L	99
111)	1,3-dichlorobenzene	17.23	146	21776	5.21	ug/L	98
112)	p-isopropyltoluene	17.14	119	38535	5.04	ug/L	98
113)	1,4-dichlorobenzene	17.32	146	21870	5.14	ug/L	98
114)	1,2-dichlorobenzene	17.75	146	21240	5.06	ug/L	99
115)	benzyl chloride	17.44	91	20454	4.96	ug/L	100
116)	n-butylbenzene	17.59	92	20429	5.06	ug/L	97
117)	1,2-dibromo-3-chloropropan	18.58	75	1834	4.63	ug/L	82
118)	1,3,5-TRICHLOROBENZENE	18.79	180	17755	4.92	ug/L	100
119)	1,2,4-trichlorobenzene	19.49	180	15747	4.69	ug/L	99
120)	hexachlorobutadiene	19.60	225	8028	5.01	ug/L	96
121)	naphthalene	19.79	128	33035	4.75	ug/L	99
122)	1,2,3-trichlorobenzene	20.05	180	14113	4.81	ug/L	97
123)	hexachloroethane	18.04	201	6092	4.66	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83948.D Vial: 5
Acq On : 7 Oct 2010 8:45 pm Operator: HennyS
Sample : ic3607-5 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 8 6:33 2010 Quant Results File: M3A3607.RES

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 10:15:44 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83949.D Vial: 6
Acq On : 7 Oct 2010 9:14 pm Operator: HennyS
Sample : ic3607-20 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:33:08 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:32:58 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.09	65	82096	500.00	ug/L		0.01
4) pentafluorobenzene	10.51	168	158256	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.47	114	231238	50.00	ug/L		0.00
81) chlorobenzene-d5	14.81	117	218515	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.29	152	113378	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.56	113	77620	47.48	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 94.96%				
47) 1,2-dichloroethane-d4 (s)	11.00	65	89903	45.74	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 91.48%				
73) toluene-d8 (s)	13.20	98	297691	48.41	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 96.82%				
97) 4-bromofluorobenzene (s)	16.04	95	114907	47.60	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 95.20%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.21	59	15258	86.75	ug/L	#	76
3) 1,4-dioxane	12.22	88	7311	430.47	ug/L		84
7) chlorodifluoromethane	4.25	51	30118	19.54	ug/L		96
8) dichlorodifluoromethane	4.23	85	35645	18.06	ug/L		98
9) chloromethane	4.61	50	47523	19.38	ug/L		98
10) vinyl chloride	4.90	62	44548	19.49	ug/L		98
11) bromomethane	5.63	94	30668	19.93	ug/L		94
12) chloroethane	5.83	64	25424	19.68	ug/L		98
13) trichlorofluoromethane	6.35	101	46420	19.58	ug/L		97
14) Pentane	6.45	43	35183	19.69	ug/L		97
15) ethyl ether	6.82	74	18339	18.72	ug/L		96
18) acrolein	7.12	56	62846	186.06	ug/L		97
19) 1,1-dichloroethene	7.30	96	29918	19.61	ug/L		99
20) acetone	7.38	43	8414	18.20	ug/L		91
21) allyl chloride	7.91	76	20164	19.24	ug/L		97
22) acetonitrile	7.89	40	28830	200.65	ug/L		94
23) iodomethane	7.61	142	58104	19.45	ug/L		98
24) iso-butyl alcohol	11.09	74	10529	195.88	ug/L	#	81
25) carbon disulfide	7.75	76	111533	19.38	ug/L		99
26) methylene chloride	8.12	84	35598	19.57	ug/L		99
27) methyl acetate	7.90	43	24874	20.81	ug/L		94
28) methyl tert butyl ether	8.48	73	95709	19.28	ug/L		99
29) trans-1,2-dichloroethene	8.54	96	34298	19.84	ug/L		100
30) di-isopropyl ether	9.14	45	107167	19.85	ug/L		94
31) 2-butanone	9.93	72	3341	18.57	ug/L	#	81
32) 1,1-dichloroethane	9.16	63	62431	19.69	ug/L		97
33) chloroprene	9.28	53	40118	19.93	ug/L		99
34) acrylonitrile	8.48	53	60015	97.13	ug/L		98
35) vinyl acetate	9.17	86	4751	18.16	ug/L		54
36) ethyl tert-butyl ether	9.65	59	105324	19.64	ug/L		99
37) ethyl acetate	9.95	45	4173	18.43	ug/L		65
38) 2,2-dichloropropane	9.96	77	47265	19.86	ug/L		97
39) cis-1,2-dichloroethene	9.96	96	37314	19.84	ug/L		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83949.D Vial: 6
Acq On : 7 Oct 2010 9:14 pm Operator: HennyS
Sample : ic3607-20 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:33:08 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:32:58 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
40)	methylacrylate	10.04	85	4311	17.85	ug/L		73
41)	propionitrile	10.03	54	44177	196.12	ug/L		92
42)	bromochloromethane	10.30	128	18034	19.08	ug/L		100
43)	tetrahydrofuran	10.34	42	10843	19.80	ug/L		97
44)	chloroform	10.36	85	37203	19.79	ug/L		97
45)	t-butyl formate	10.39	59	33550	19.81	ug/L		98
48)	freon 113	7.27	151	20964	19.77	ug/L		97
49)	methacrylonitrile	10.23	41	18098	18.89	ug/L		97
50)	1,1,1-trichloroethane	10.61	97	47882	19.55	ug/L		99
51)	Cyclohexane	10.69	84	48937	19.76	ug/L	#	79
53)	epichlorohydrin	12.78	57	15460	99.70	ug/L		98
54)	n-butyl alcohol	11.61	56	41714	1015.65	ug/L		98
55)	carbon tetrachloride	10.84	117	40816	19.95	ug/L		97
56)	1,1-dichloropropene	10.81	75	45365	20.20	ug/L		99
57)	hexane	8.88	57	34631	20.34	ug/L		99
58)	2,2,4-TRIMETHYLPENTANE	11.08	57	102181	20.27	ug/L	#	92
59)	benzene	11.08	78	132954	20.07	ug/L		99
60)	tert-amyl methyl ether	11.12	87	22409	20.49	ug/L		92
61)	heptane	11.27	57	20682	20.69	ug/L		97
62)	isopropyl acetate	11.00	43	57944	20.05	ug/L		99
63)	1,2-dichloroethane	11.09	62	42886	20.09	ug/L		98
64)	trichloroethene	11.83	95	34046	20.02	ug/L		96
65)	methyl methacrylate	12.11	41	72440	20.07	ug/L		86
67)	2-chloroethyl vinyl ether	12.65	63	108837	100.96	ug/L		99
68)	1,2-dichloropropane	12.10	63	35634	19.91	ug/L		97
69)	dibromomethane	12.27	93	20964	19.77	ug/L		98
70)	methylcyclohexane	12.06	83	50684	19.95	ug/L		99
71)	bromodichloromethane	12.41	83	43520	19.46	ug/L		98
72)	cis-1,3-dichloropropene	12.89	75	56439	19.42	ug/L		98
74)	4-methyl-2-pentanone	12.99	58	12269	19.97	ug/L		94
75)	toluene	13.27	92	81819	19.78	ug/L		99
76)	3-methyl-1-butanol	13.01	55	25299	401.89	ug/L		97
77)	trans-1,3-dichloropropene	13.48	75	50481	19.44	ug/L		98
78)	ethyl methacrylate	13.47	69	40346	19.58	ug/L		96
79)	1,1,2-trichloroethane	13.71	83	25654	19.97	ug/L		97
80)	2-hexanone	13.89	58	11469	21.06	ug/L		93
82)	tetrachloroethene	13.90	164	29957	20.24	ug/L		98
83)	1,3-dichloropropane	13.90	76	50625	19.77	ug/L		99
84)	butyl acetate	13.97	56	20034	20.36	ug/L		94
85)	3,3-dimethyl-1-butanol	14.07	57	27010	203.06	ug/L		99
86)	dibromochloromethane	14.19	129	34868	19.56	ug/L		99
87)	1,2-dibromoethane	14.35	107	31237	19.65	ug/L		94
88)	chlorobenzene	14.84	112	94343	19.47	ug/L		99
89)	1,1,1,2-tetrachloroethane	14.91	131	34245	19.77	ug/L		98
90)	ethylbenzene	14.90	91	156716	19.83	ug/L		99
91)	m,p-xylene	15.02	106	122760	40.17	ug/L		98
92)	o-xylene	15.46	106	62183	19.83	ug/L		98
93)	styrene	15.47	104	103401	19.71	ug/L		100
94)	bromoform	15.76	173	24527	19.58	ug/L		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83949.D Vial: 6
Acq On : 7 Oct 2010 9:14 pm Operator: HennyS
Sample : ic3607-20 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:33:08 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:32:58 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

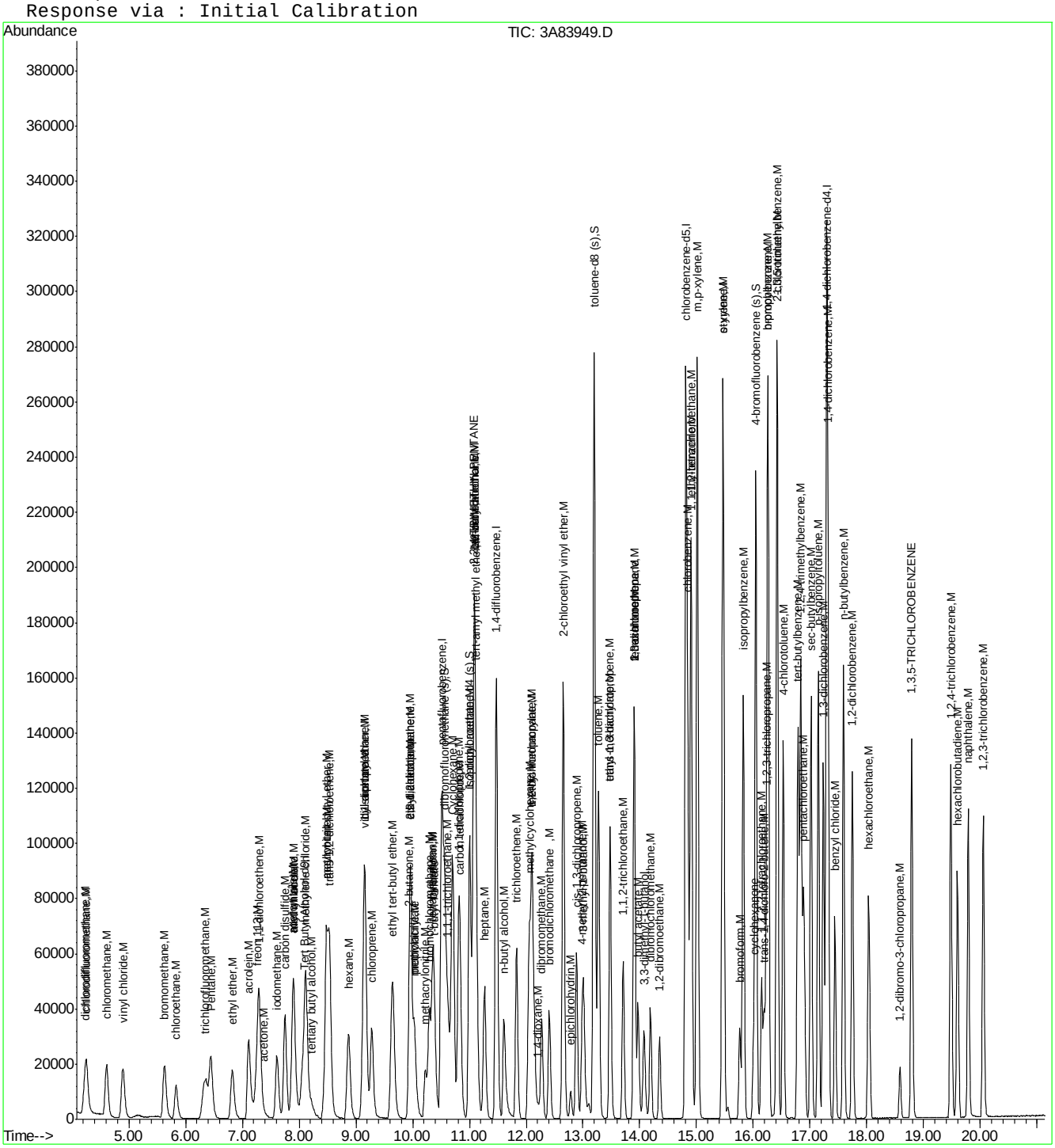
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
96)	isopropylbenzene	15.82	105	162003	19.62	ug/L	99
98)	cyclohexanone	16.01	98	9059	204.70	ug/L	98
99)	bromobenzene	16.26	156	41586	19.64	ug/L	99
100)	1,1,2,2-tetrachloroethane	16.15	83	40962	19.58	ug/L	98
101)	trans-1,4-dichloro-2-buten	16.19	53	9947	18.96	ug/L	99
102)	1,2,3-trichloropropane	16.23	110	11066	19.91	ug/L	97
103)	n-propylbenzene	16.26	120	44213	19.80	ug/L	99
104)	2-chlorotoluene	16.43	126	39955	20.08	ug/L	90
105)	4-chlorotoluene	16.53	126	41098	20.07	ug/L	98
106)	1,3,5-trimethylbenzene	16.42	105	134092	19.66	ug/L	99
107)	tert-butylbenzene	16.79	119	117479	19.60	ug/L	97
108)	pentachloroethane	16.88	167	25094	19.28	ug/L	99
109)	1,2,4-trimethylbenzene	16.84	105	137631	19.75	ug/L	99
110)	sec-butylbenzene	17.02	105	177193	19.68	ug/L	100
111)	1,3-dichlorobenzene	17.23	146	80458	19.41	ug/L	99
112)	p-isopropyltoluene	17.14	119	147967	19.68	ug/L	99
113)	1,4-dichlorobenzene	17.32	146	82370	19.66	ug/L	99
114)	1,2-dichlorobenzene	17.75	146	80831	19.44	ug/L	99
115)	benzyl chloride	17.44	91	80311	19.93	ug/L	99
116)	n-butylbenzene	17.59	92	77858	19.52	ug/L	98
117)	1,2-dibromo-3-chloropropan	18.59	75	7503	18.85	ug/L	96
118)	1,3,5-TRICHLOROBENZENE	18.79	180	69025	19.22	ug/L	99
119)	1,2,4-trichlorobenzene	19.48	180	63920	19.04	ug/L	99
120)	hexachlorobutadiene	19.59	225	31058	19.68	ug/L	100
121)	naphthalene	19.79	128	132766	19.13	ug/L	99
122)	1,2,3-trichlorobenzene	20.05	180	56207	19.24	ug/L	99
123)	hexachloroethane	18.04	201	25141	19.37	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3A83949.D M3A3607.M Fri Oct 08 10:26:21 2010 MS3A Page 3

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83949.D Vial: 6
Acq On : 7 Oct 2010 9:14 pm Operator: HennyS
Sample : ic3607-20 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 8 6:33 2010 Quant Results File: M3A3607.RES

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 10:15:44 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83950.D Vial: 7
Acq On : 7 Oct 2010 9:43 pm Operator: HennyS
Sample : icc3607-50 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 07 22:07:16 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Thu Oct 07 16:04:27 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	8.08	65	71872	500.00	ug/L	0.00
4) pentafluorobenzene	10.52	168	156562	50.00	ug/L	0.00
52) 1,4-difluorobenzene	11.47	114	233080	50.00	ug/L	0.00
81) chlorobenzene-d5	14.81	117	221775	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	17.29	152	113057	50.00	ug/L	0.00
System Monitoring Compounds						
46) dibromofluoromethane (s)	10.56	113	80865	46.33	ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 92.66%			
47) 1,2-dichloroethane-d4 (s)	11.01	65	97216	52.11	ug/L	0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 104.22%			
73) toluene-d8 (s)	13.20	98	309913	50.02	ug/L	0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 100.04%			
97) 4-bromofluorobenzene (s)	16.04	95	120347	46.59	ug/L	0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 93.18%			
Target Compounds						Qvalue
2) tertiary butyl alcohol	8.21	59	38494	173.65	ug/L	97
3) 1,4-dioxane	12.22	88	18586	1655.94	ug/L	99
7) chlorodifluoromethane	4.25	51	76258	66.07	ug/L	98
8) dichlorodifluoromethane	4.23	85	97650	54.84	ug/L	99
9) chloromethane	4.62	50	121267	53.26	ug/L	99
10) vinyl chloride	4.90	62	113048	54.64	ug/L	98
11) bromomethane	5.63	94	76121	59.12	ug/L	99
12) chloroethane	5.83	64	63903	58.60	ug/L	99
13) trichlorofluoromethane	6.34	101	117242	52.77	ug/L	99
14) Pentane	6.44	43	88404	52.59	ug/L	97
15) ethyl ether	6.83	74	48452	54.94	ug/L	97
18) acrolein	7.11	56	167077	17.87	ug/L	96
19) 1,1-dichloroethene	7.30	96	75462	50.41	ug/L	98
20) acetone	7.38	43	22869	56.51	ug/L	98
21) allyl chloride	7.90	76	51849	54.84	ug/L	95
22) acetonitrile	7.88	40	71073	573.42	ug/L	87
23) iodomethane	7.61	142	147803	51.43	ug/L	99
24) iso-butyl alcohol	11.08	74	26588	579.92	ug/L	86
25) carbon disulfide	7.75	76	284662	50.62	ug/L	99
26) methylene chloride	8.12	84	89954	51.12	ug/L	100
27) methyl acetate	7.89	43	59118	51.54	ug/L	99
28) methyl tert butyl ether	8.48	73	245585	58.58	ug/L	99
29) trans-1,2-dichloroethene	8.54	96	85521	51.50	ug/L	99
30) di-isopropyl ether	9.14	45	267027	52.32	ug/L	97
31) 2-butanone	9.92	72	8899	51.11	ug/L #	71
32) 1,1-dichloroethane	9.16	63	156870	51.28	ug/L	98
33) chloroprene	9.28	53	99555	51.15	ug/L	100
34) acrylonitrile	8.48	53	152824	272.22	ug/L	98
35) vinyl acetate	9.14	86	12941	49.27	ug/L	95
36) ethyl tert-butyl ether	9.65	59	265276	62.88	ug/L	98
37) ethyl acetate	9.94	45	11201	53.95	ug/L	92
38) 2,2-dichloropropane	9.96	77	117696	52.15	ug/L	100
39) cis-1,2-dichloroethene	9.96	96	93050	50.33	ug/L	97

(#) = qualifier out of range (m) = manual integration
3A83950.D M3A3607.M Fri Oct 08 10:42:02 2010 MS3A

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83950.D Vial: 7
Acq On : 7 Oct 2010 9:43 pm Operator: HennyS
Sample : icc3607-50 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 07 22:07:16 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Thu Oct 07 16:04:27 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
40) methylacrylate	10.03	85	11948	55.57	ug/L	92
41) propionitrile	10.02	54	111424	552.19	ug/L	95
42) bromochloromethane	10.29	128	46762	53.40	ug/L	98
43) tetrahydrofuran	10.33	42	27088	56.13	ug/L	96
44) chloroform	10.36	85	92971	50.02	ug/L	96
45) t-butyl formate	10.39	59	83794	69.60	ug/L	97
48) freon 113	7.27	151	52445	54.80	ug/L	97
49) methacrylonitrile	10.22	41	47388	52.56	ug/L	97
50) 1,1,1-trichloroethane	10.62	97	121163	50.72	ug/L	99
51) Cyclohexane	10.70	84	122498	53.95	ug/L	90
53) epichlorohydrin	12.78	57	39075	296.93	ug/L	96
54) n-butyl alcohol	11.60	56	103496	2911.84	ug/L	98
55) carbon tetrachloride	10.84	117	103135	50.73	ug/L	96
56) 1,1-dichloropropene	10.81	75	113198	49.62	ug/L	99
57) hexane	8.88	57	85809	51.84	ug/L	99
58) 2,2,4-TRIMETHYLPENTANE	11.08	57	254113	53.19	ug/L	99
59) benzene	11.08	78	333944	49.35	ug/L	100
60) tert-amyl methyl ether	11.12	87	55111	68.95	ug/L	96
61) heptane	11.26	57	50386	48.37	ug/L	97
62) isopropyl acetate	11.01	43	145682	49.60	ug/L	99
63) 1,2-dichloroethane	11.09	62	107565	49.10	ug/L	97
64) trichloroethene	11.83	95	85726	48.35	ug/L	98
65) methyl methacrylate	12.10	41	181901	54.63	ug/L	99
67) 2-chloroethyl vinyl ether	12.65	63	271660	286.72	ug/L	98
68) 1,2-dichloropropane	12.10	63	90193	51.03	ug/L	99
69) dibromomethane	12.27	93	53440	50.60	ug/L	99
70) methylcyclohexane	12.05	83	128040	54.60	ug/L	99
71) bromodichloromethane	12.41	83	112724	49.75	ug/L	98
72) cis-1,3-dichloropropene	12.89	75	146461	49.27	ug/L	99
74) 4-methyl-2-pentanone	12.98	58	30969	56.91	ug/L	95
75) toluene	13.28	92	208482	49.52	ug/L	99
76) 3-methyl-1-butanol	13.01	55	63451	1144.63	ug/L	99
77) trans-1,3-dichloropropene	13.48	75	130853	49.41	ug/L	98
78) ethyl methacrylate	13.47	69	103826	50.52	ug/L	98
79) 1,1,2-trichloroethane	13.71	83	64733	49.89	ug/L	98
80) 2-hexanone	13.89	58	27450	50.38	ug/L	99
82) tetrachloroethene	13.90	164	75111	48.09	ug/L	99
83) 1,3-dichloropropane	13.90	76	129926	48.71	ug/L	99
84) butyl acetate	13.97	56	49926	53.87	ug/L	98
85) 3,3-dimethyl-1-butanol	14.07	57	67501	577.26	ug/L	99
86) dibromochloromethane	14.19	129	90477	48.73	ug/L	100
87) 1,2-dibromoethane	14.35	107	80682	48.54	ug/L	97
88) chlorobenzene	14.84	112	245838	49.51	ug/L	99
89) 1,1,1,2-tetrachloroethane	14.91	131	87910	51.60	ug/L	99
90) ethylbenzene	14.90	91	401035	49.78	ug/L	99
91) m,p-xylene	15.02	106	310198	100.24	ug/L	98
92) o-xylene	15.46	106	159158	51.50	ug/L	99
93) styrene	15.47	104	266155	51.06	ug/L	99
94) bromoform	15.76	173	63583	49.58	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83950.D Vial: 7
Acq On : 7 Oct 2010 9:43 pm Operator: HennyS
Sample : icc3607-50 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 07 22:07:16 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Thu Oct 07 16:04:27 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

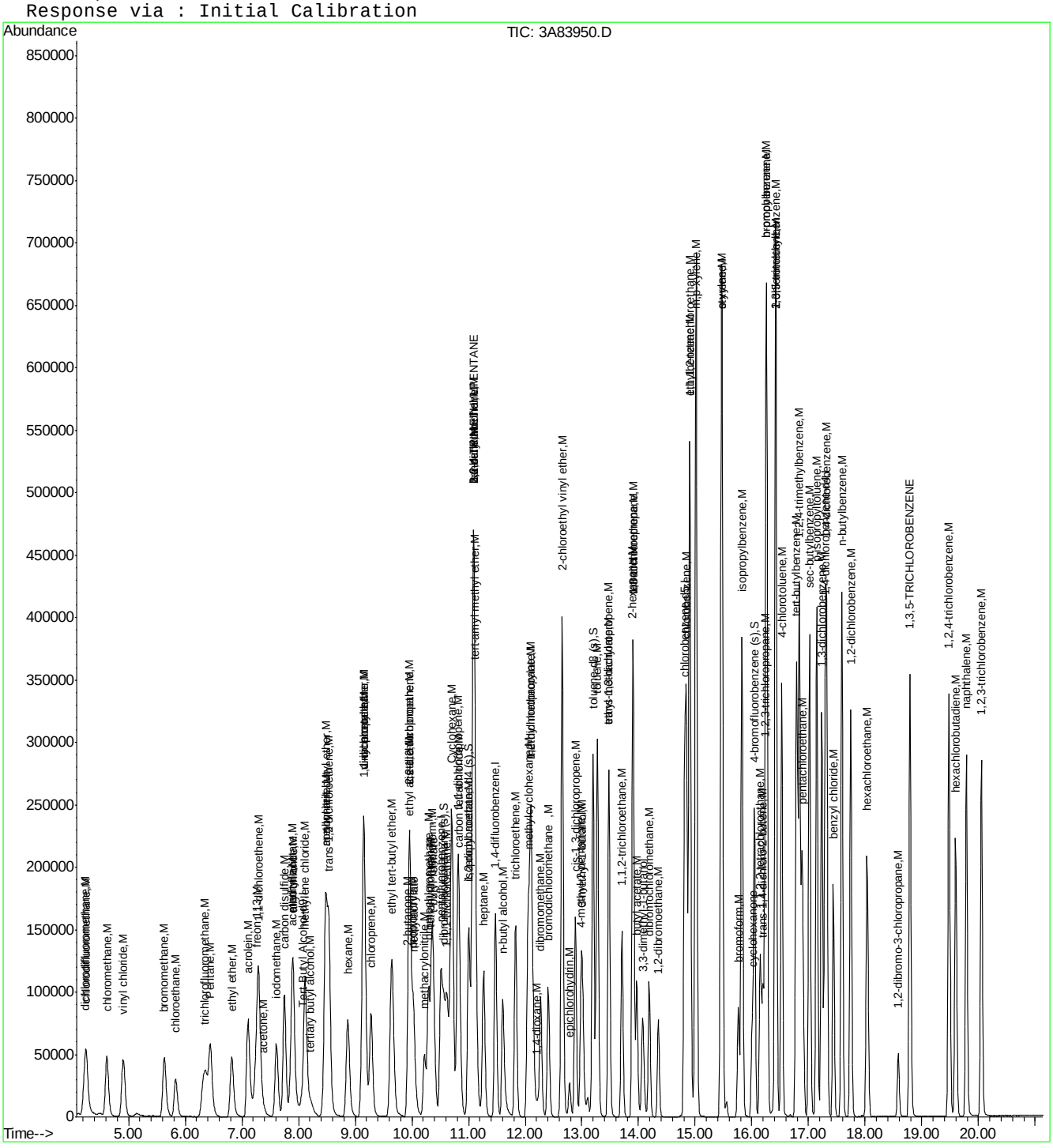
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
96)	isopropylbenzene	15.82	105	411603	51.53	ug/L	100
98)	cyclohexanone	16.01	98	22065	571.73	ug/L	99
99)	bromobenzene	16.26	156	105545	48.80	ug/L	99
100)	1,1,2,2-tetrachloroethane	16.15	83	104326	48.07	ug/L	99
101)	trans-1,4-dichloro-2-buten	16.19	53	26157	48.47	ug/L	98
102)	1,2,3-trichloropropane	16.23	110	27712	51.55	ug/L	97
103)	n-propylbenzene	16.26	120	111314	51.05	ug/L	98
104)	2-chlorotoluene	16.42	126	99200	49.99	ug/L	100
105)	4-chlorotoluene	16.53	126	102119	49.55	ug/L	98
106)	1,3,5-trimethylbenzene	16.42	105	340133	52.72	ug/L	99
107)	tert-butylbenzene	16.79	119	298895	55.31	ug/L	99
108)	pentachloroethane	16.89	167	64881	51.56	ug/L	98
109)	1,2,4-trimethylbenzene	16.84	105	347391	51.84	ug/L	99
110)	sec-butylbenzene	17.02	105	448958	53.41	ug/L	100
111)	1,3-dichlorobenzene	17.23	146	206690	49.33	ug/L	98
112)	p-isopropyltoluene	17.14	119	374885	52.77	ug/L	99
113)	1,4-dichlorobenzene	17.32	146	208841	48.45	ug/L	100
114)	1,2-dichlorobenzene	17.75	146	207311	50.68	ug/L	99
115)	benzyl chloride	17.44	91	200871	48.35	ug/L	100
116)	n-butylbenzene	17.59	92	198844	51.49	ug/L	100
117)	1,2-dibromo-3-chloropropan	18.59	75	19848	52.79	ug/L	95
118)	1,3,5-TRICHLOROBENZENE	18.79	180	179028	51.66	ug/L	100
119)	1,2,4-trichlorobenzene	19.48	180	167416	53.23	ug/L	99
120)	hexachlorobutadiene	19.60	225	78701	51.38	ug/L	97
121)	naphthalene	19.79	128	346100	54.71	ug/L	99
122)	1,2,3-trichlorobenzene	20.05	180	145686	53.12	ug/L	99
123)	hexachloroethane	18.03	201	64698	55.83	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83950.D Vial: 7
Acq On : 7 Oct 2010 9:43 pm Operator: HennyS
Sample : icc3607-50 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 7 22:07 2010 Quant Results File: M3A3607.RES

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 10:15:44 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83951.D Vial: 8
Acq On : 7 Oct 2010 10:12 pm Operator: HennyS
Sample : ic3607-100 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:33:50 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:33:42 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.08	65	76175	500.00	ug/L		0.01
4) pentafluorobenzene	10.52	168	156024	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.47	114	232064	50.00	ug/L		0.00
81) chlorobenzene-d5	14.81	117	228176	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.29	152	115398	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.56	113	172700	103.31	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 206.62%#				
47) 1,2-dichloroethane-d4 (s)	11.01	65	195957	98.89	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 197.78%#				
73) toluene-d8 (s)	13.20	98	659077	101.54	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 203.08%#				
97) 4-bromofluorobenzene (s)	16.04	95	259573	101.36	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 202.72%#				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.22	59	84854	566.87	ug/L		97
3) 1,4-dioxane	12.22	88	42054	3060.78	ug/L		88
7) chlorodifluoromethane	4.26	51	164833	109.12	ug/L		96
8) dichlorodifluoromethane	4.23	85	208367	110.42	ug/L		99
9) chloromethane	4.63	50	262936	109.42	ug/L		100
10) vinyl chloride	4.91	62	243737	108.77	ug/L		99
11) bromomethane	5.64	94	151519	98.85	ug/L		98
12) chloroethane	5.83	64	135454	107.26	ug/L		99
13) trichlorofluoromethane	6.34	101	251093	107.28	ug/L		99
14) Pentane	6.44	43	185027	103.98	ug/L		97
15) ethyl ether	6.82	74	104128	113.63	ug/L		99
18) acrolein	7.13	56	5176	16.28	ug/L		97
19) 1,1-dichloroethene	7.30	96	162463	109.11	ug/L		98
20) acetone	7.37	43	47954	110.17	ug/L		96
21) allyl chloride	7.90	76	110356	110.30	ug/L	#	87
22) acetonitrile	7.88	40	150129	1040.41	ug/L	#	68
23) iodomethane	7.61	142	326234	112.00	ug/L		98
24) iso-butyl alcohol	11.09	74	55693	1099.95	ug/L	#	81
25) carbon disulfide	7.75	76	612776	108.45	ug/L		99
26) methylene chloride	8.12	84	192793	107.92	ug/L		98
27) methyl acetate	7.89	43	130587	108.49	ug/L		99
28) methyl tert butyl ether	8.48	73	529457	109.54	ug/L		100
29) trans-1,2-dichloroethene	8.54	96	180779	105.56	ug/L		100
30) di-isopropyl ether	9.14	45	578176	108.57	ug/L		98
31) 2-butanone	9.92	72	20044	117.20	ug/L	#	80
32) 1,1-dichloroethane	9.16	63	333990	107.65	ug/L		99
33) chloroprene	9.28	53	215663	109.40	ug/L		99
34) acrylonitrile	8.48	53	332694	559.77	ug/L		99
35) vinyl acetate	9.14	86	29475	119.79	ug/L		92
36) ethyl tert-butyl ether	9.65	59	578377	110.23	ug/L		98
37) ethyl acetate	9.94	45	24838	133.38	ug/L		89
38) 2,2-dichloropropane	9.96	77	247887	104.47	ug/L		98
39) cis-1,2-dichloroethene	9.96	96	199917	108.12	ug/L		95

(#) = qualifier out of range (m) = manual integration
3A83951.D M3A3607.M Fri Oct 08 10:26:35 2010 MS3A Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83951.D Vial: 8
Acq On : 7 Oct 2010 10:12 pm Operator: HennyS
Sample : ic3607-100 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:33:50 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:33:42 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
40)	methylacrylate	10.03	85	26333	150.67	ug/L	95
41)	propionitrile	10.02	54	241527	1112.25	ug/L	94
42)	bromochloromethane	10.29	128	100290	111.18	ug/L	98
43)	tetrahydrofuran	10.33	42	58022	107.08	ug/L	97
44)	chloroform	10.36	85	200253	107.72	ug/L	99
45)	t-butyl formate	10.39	59	181991	110.81	ug/L	96
48)	freon 113	7.26	151	112627	109.21	ug/L	97
49)	methacrylonitrile	10.22	41	103291	110.89	ug/L	97
50)	1,1,1-trichloroethane	10.62	97	261249	108.86	ug/L	99
51)	Cyclohexane	10.70	84	250675	102.40	ug/L	93
53)	epichlorohydrin	12.78	57	84138	547.67	ug/L	98
54)	n-butyl alcohol	11.60	56	231917	5782.27	ug/L	98
55)	carbon tetrachloride	10.83	117	218743	105.91	ug/L	97
56)	1,1-dichloropropene	10.81	75	242328	106.58	ug/L	98
57)	hexane	8.87	57	181448	104.49	ug/L	99
58)	2,2,4-TRIMETHYLPENTANE	11.08	57	533582	101.40	ug/L	99
59)	benzene	11.08	78	700338	103.91	ug/L	99
60)	tert-amyl methyl ether	11.12	87	117416	106.33	ug/L	97
61)	heptane	11.27	57	106520	103.38	ug/L	98
62)	isopropyl acetate	11.00	43	315976	106.97	ug/L	99
63)	1,2-dichloroethane	11.10	62	228374	105.05	ug/L	100
64)	trichloroethene	11.83	95	186027	109.49	ug/L	98
65)	methyl methacrylate	12.10	41	387206	106.74	ug/L	100
67)	2-chloroethyl vinyl ether	12.65	63	583524	542.31	ug/L	99
68)	1,2-dichloropropane	12.10	63	191364	106.83	ug/L	98
69)	dibromomethane	12.27	93	114922	108.57	ug/L	99
70)	methylcyclohexane	12.06	83	271951	105.86	ug/L	100
71)	bromodichloromethane	12.41	83	244203	110.22	ug/L	100
72)	cis-1,3-dichloropropene	12.89	75	317268	110.57	ug/L	99
74)	4-methyl-2-pentanone	12.98	58	66712	111.03	ug/L	91
75)	toluene	13.27	92	442317	106.66	ug/L	99
76)	3-methyl-1-butanol	13.00	55	137954	2246.67	ug/L	98
77)	trans-1,3-dichloropropene	13.48	75	281351	109.28	ug/L	99
78)	ethyl methacrylate	13.47	69	226377	112.28	ug/L	97
79)	1,1,2-trichloroethane	13.71	83	139422	107.85	ug/L	99
80)	2-hexanone	13.89	58	59696	112.71	ug/L	99
82)	tetrachloroethene	13.90	164	160686	104.15	ug/L	98
83)	1,3-dichloropropane	13.90	76	278394	103.29	ug/L	100
84)	butyl acetate	13.97	56	107744	104.93	ug/L	100
85)	3,3-dimethyl-1-butanol	14.07	57	151725	1096.18	ug/L	99
86)	dibromochloromethane	14.19	129	199394	107.93	ug/L	99
87)	1,2-dibromoethane	14.35	107	175408	105.76	ug/L	98
88)	chlorobenzene	14.84	112	531707	105.43	ug/L	99
89)	1,1,1,2-tetrachloroethane	14.91	131	186247	103.33	ug/L	98
90)	ethylbenzene	14.90	91	847018	101.77	ug/L	100
91)	m,p-xylene	15.01	106	649354	200.91	ug/L	99
92)	o-xylene	15.46	106	341834	103.34	ug/L	99
93)	styrene	15.47	104	568569	104.18	ug/L	99
94)	bromoform	15.76	173	141430	109.02	ug/L	99

(#) = qualifier out of range (m) = manual integration
3A83951.D M3A3607.M Fri Oct 08 10:26:35 2010 MS3A Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83951.D Vial: 8
Acq On : 7 Oct 2010 10:12 pm Operator: HennyS
Sample : ic3607-100 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:33:50 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:33:42 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

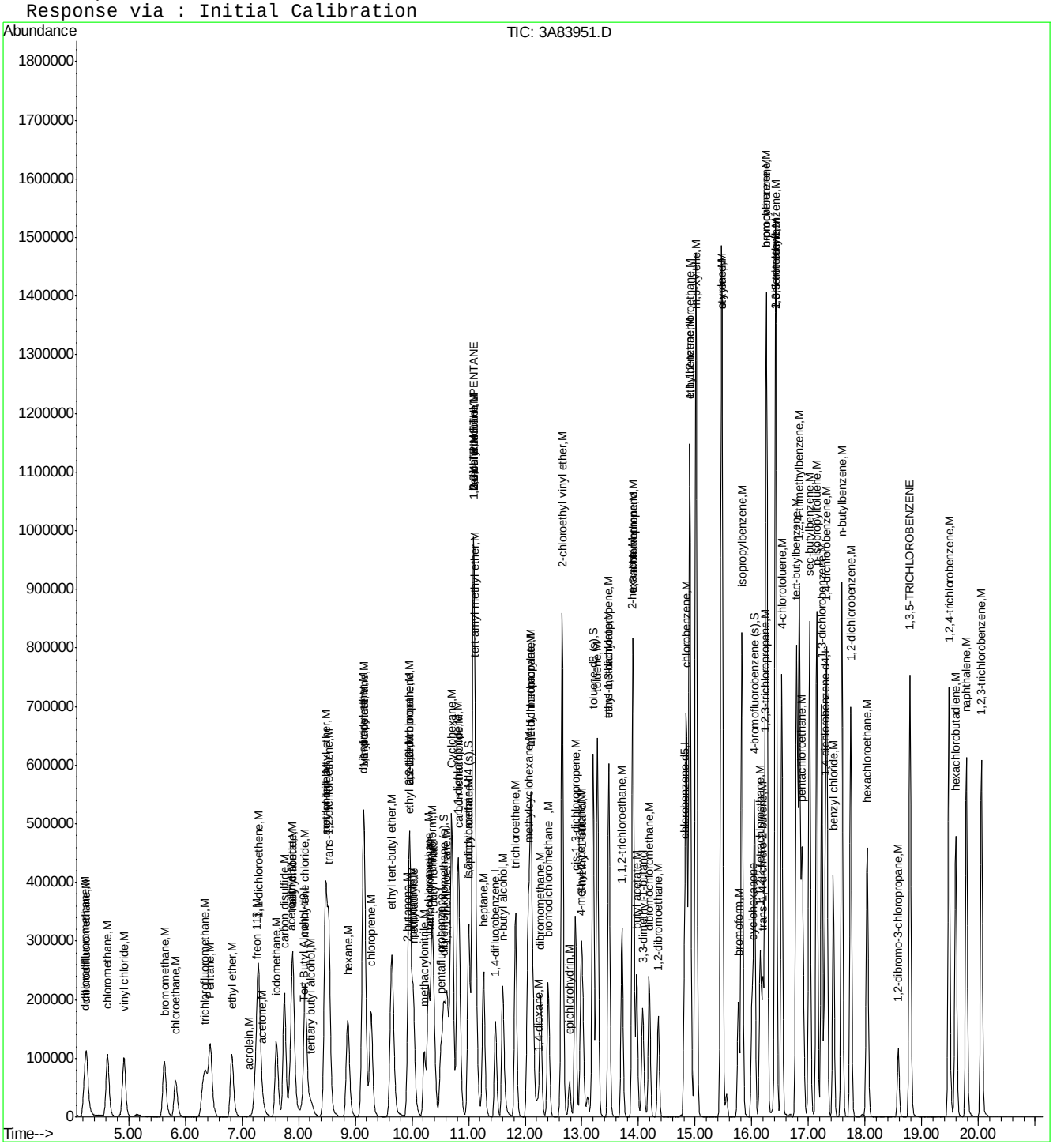
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
96)	isopropylbenzene	15.82	105	876915	105.59	ug/L	99
98)	cyclohexanone	16.01	98	61917	1338.21	ug/L	99
99)	bromobenzene	16.26	156	224075	103.54	ug/L	98
100)	1,1,2,2-tetrachloroethane	16.15	83	226767	106.11	ug/L	99
101)	trans-1,4-dichloro-2-buten	16.19	53	56989	113.21	ug/L	97
102)	1,2,3-trichloropropane	16.23	110	58824	105.63	ug/L	99
103)	n-propylbenzene	16.26	120	235362	104.37	ug/L	98
104)	2-chlorotoluene	16.42	126	211633	103.72	ug/L	98
105)	4-chlorotoluene	16.53	126	219697	104.87	ug/L	99
106)	1,3,5-trimethylbenzene	16.42	105	727781	106.09	ug/L	99
107)	tert-butylbenzene	16.79	119	650421	108.06	ug/L	99
108)	pentachloroethane	16.89	167	139770	106.50	ug/L	99
109)	1,2,4-trimethylbenzene	16.84	105	746711	105.55	ug/L	98
110)	sec-butylbenzene	17.02	105	959771	105.15	ug/L	99
111)	1,3-dichlorobenzene	17.23	146	443488	105.24	ug/L	98
112)	p-isopropyltoluene	17.14	119	803578	105.54	ug/L	99
113)	1,4-dichlorobenzene	17.32	146	452833	106.12	ug/L	100
114)	1,2-dichlorobenzene	17.75	146	446891	106.68	ug/L	99
115)	benzyl chloride	17.44	91	438400	107.34	ug/L	100
116)	n-butylbenzene	17.59	92	427696	106.20	ug/L	99
117)	1,2-dibromo-3-chloropropan	18.59	75	43929	114.45	ug/L	96
118)	1,3,5-TRICHLOROBENZENE	18.79	180	385918	108.24	ug/L	100
119)	1,2,4-trichlorobenzene	19.48	180	363463	111.26	ug/L	100
120)	hexachlorobutadiene	19.60	225	168472	105.68	ug/L	99
121)	naphthalene	19.79	128	754510	111.03	ug/L	99
122)	1,2,3-trichlorobenzene	20.05	180	316643	109.95	ug/L	100
123)	hexachloroethane	18.04	201	141851	111.67	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83951.D Vial: 8
Acq On : 7 Oct 2010 10:12 pm Operator: HennyS
Sample : ic3607-100 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 8 6:33 2010 Quant Results File: M3A3607.RES

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 10:15:44 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83952.D Vial: 9
Acq On : 7 Oct 2010 10:41 pm Operator: HennyS
Sample : ic3607-200 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:34:49 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:34:42 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.09	65	75954	500.00	ug/L		0.02
4) pentafluorobenzene	10.52	168	156072	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.47	114	237944	50.00	ug/L		0.00
81) chlorobenzene-d5	14.81	117	229999	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.29	152	113191	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.56	113	333097	189.60	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 379.20%#				
47) 1,2-dichloroethane-d4 (s)	11.00	65	377005	190.73	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 381.46%#				
73) toluene-d8 (s)	13.20	98	1239583	185.55	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 371.10%#				
97) 4-bromofluorobenzene (s)	16.04	95	499393	198.14	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 396.28%#				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.22	59	163010	1160.60	ug/L		97
3) 1,4-dioxane	12.22	88	80094	5535.94	ug/L		87
7) chlorodifluoromethane	4.25	51	314410	232.91	ug/L		96
8) dichlorodifluoromethane	4.23	85	408858	219.75	ug/L		100
9) chloromethane	4.64	50	508736	200.74	ug/L		99
10) vinyl chloride	4.92	62	461422	198.18	ug/L		100
11) bromomethane	5.63	94	192216	123.58	ug/L		97
12) chloroethane	5.81	64	239056	190.14	ug/L		99
13) trichlorofluoromethane	6.34	101	478005	198.70	ug/L		99
14) Pentane	6.44	43	342776	204.42	ug/L		97
15) ethyl ether	6.82	74	197554	220.49	ug/L		99
19) 1,1-dichloroethene	7.29	96	306537	210.41	ug/L		99
20) acetone	7.36	43	90108	200.16	ug/L		95
21) allyl chloride	7.90	76	205651	217.54	ug/L		88
22) acetonitrile	7.87	40	278891	1892.32	ug/L	#	63
23) iodomethane	7.60	142	612940	209.99	ug/L		99
24) iso-butyl alcohol	11.09	74	102506	1974.55	ug/L	#	60
25) carbon disulfide	7.74	76	1137184	198.70	ug/L		100
26) methylene chloride	8.12	84	361250	200.90	ug/L		98
27) methyl acetate	7.89	43	249262	202.72	ug/L		99
28) methyl tert butyl ether	8.48	73	980724	202.19	ug/L		100
29) trans-1,2-dichloroethene	8.53	96	333706	194.07	ug/L		98
30) di-isopropyl ether	9.14	45	1079106	202.81	ug/L		96
31) 2-butanone	9.92	72	38116	210.71	ug/L	#	86
32) 1,1-dichloroethane	9.16	63	618160	201.04	ug/L		99
33) chloroprene	9.28	53	406204	208.61	ug/L		99
34) acrylonitrile	8.48	53	617094	1086.46	ug/L		100
35) vinyl acetate	9.14	86	56992	217.22	ug/L		94
36) ethyl tert-butyl ether	9.65	59	1090707	207.36	ug/L		99
37) ethyl acetate	9.94	45	46832	232.05	ug/L		97
38) 2,2-dichloropropane	9.96	77	456037	189.44	ug/L		97
39) cis-1,2-dichloroethene	9.96	96	369375	200.59	ug/L		98
40) methylacrylate	10.02	85	50130	254.50	ug/L		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83952.D Vial: 9
Acq On : 7 Oct 2010 10:41 pm Operator: HennyS
Sample : ic3607-200 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:34:49 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:34:42 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
41)	propionitrile	10.02	54	455549	2252.38	ug/L	96
42)	bromochloromethane	10.29	128	187369	218.34	ug/L	99
43)	tetrahydrofuran	10.33	42	108768	206.37	ug/L	95
44)	chloroform	10.36	85	371656	201.90	ug/L	98
45)	t-butyl formate	10.38	59	343329	239.17	ug/L	94
48)	freon 113	7.26	151	215669	204.35	ug/L	98
49)	methacrylonitrile	10.22	41	197808	248.97	ug/L	97
50)	1,1,1-trichloroethane	10.62	97	496034	206.12	ug/L	99
51)	Cyclohexane	10.70	84	473116	201.83	ug/L	94
53)	epichlorohydrin	12.78	57	162378	1202.82	ug/L	99
54)	n-butyl alcohol	11.60	56	463013	11705.19	ug/L	98
55)	carbon tetrachloride	10.83	117	413655	200.70	ug/L	96
56)	1,1-dichloropropene	10.81	75	459039	199.83	ug/L	99
57)	hexane	8.87	57	344876	208.41	ug/L	99
58)	2,2,4-TRIMETHYLPENTANE	11.08	57	990498	193.77	ug/L	100
59)	benzene	11.08	78	1282650	183.51	ug/L	100
60)	tert-amyl methyl ether	11.12	87	219084	209.53	ug/L	94
61)	heptane	11.27	57	203913	215.51	ug/L	97
62)	isopropyl acetate	11.00	43	607958	197.29	ug/L	99
63)	1,2-dichloroethane	11.09	62	421762	192.93	ug/L	98
64)	trichloroethene	11.83	95	357954	205.04	ug/L	99
65)	methyl methacrylate	12.10	41	725927	194.63	ug/L	100
67)	2-chloroethyl vinyl ether	12.65	63	1080194	1014.39	ug/L	99
68)	1,2-dichloropropane	12.10	63	357459	197.43	ug/L	97
69)	dibromomethane	12.27	93	217320	209.35	ug/L	99
70)	methylcyclohexane	12.05	83	514743	207.34	ug/L	99
71)	bromodichloromethane	12.41	83	465598	205.97	ug/L	99
72)	cis-1,3-dichloropropene	12.89	75	598116	205.47	ug/L	99
74)	4-methyl-2-pentanone	12.98	58	128465	217.80	ug/L	90
75)	toluene	13.27	92	825069	193.64	ug/L	98
76)	3-methyl-1-butanol	13.01	55	271621	4455.52	ug/L	99
77)	trans-1,3-dichloropropene	13.48	75	528791	203.53	ug/L	99
78)	ethyl methacrylate	13.47	69	430163	212.83	ug/L	98
79)	1,1,2-trichloroethane	13.71	83	267002	204.53	ug/L	99
80)	2-hexanone	13.89	58	114723	204.75	ug/L	98
82)	tetrachloroethene	13.90	164	301101	198.33	ug/L	98
83)	1,3-dichloropropane	13.90	76	513167	191.87	ug/L	100
84)	butyl acetate	13.97	56	209803	227.36	ug/L	99
85)	3,3-dimethyl-1-butanol	14.07	57	305056	2213.97	ug/L	99
86)	dibromochloromethane	14.19	129	380989	208.50	ug/L	99
87)	1,2-dibromoethane	14.35	107	334009	201.87	ug/L	99
88)	chlorobenzene	14.84	112	997683	194.39	ug/L	99
89)	1,1,1,2-tetrachloroethane	14.91	131	343795	191.35	ug/L	99
90)	ethylbenzene	14.90	91	1563257	184.84	ug/L	100
91)	m,p-xylene	15.02	106	1171723	358.82	ug/L	99
92)	o-xylene	15.46	106	629343	191.01	ug/L	97
93)	styrene	15.47	104	1035446	188.94	ug/L	96
94)	bromoform	15.76	173	272349	215.65	ug/L	99
96)	isopropylbenzene	15.82	105	1621269	199.44	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83952.D Vial: 9
Acq On : 7 Oct 2010 10:41 pm Operator: HennyS
Sample : ic3607-200 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 08 06:34:49 2010 Quant Results File: M3A3607.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 06:34:42 2010
Response via : Initial Calibration
DataAcq Meth : M3A3607

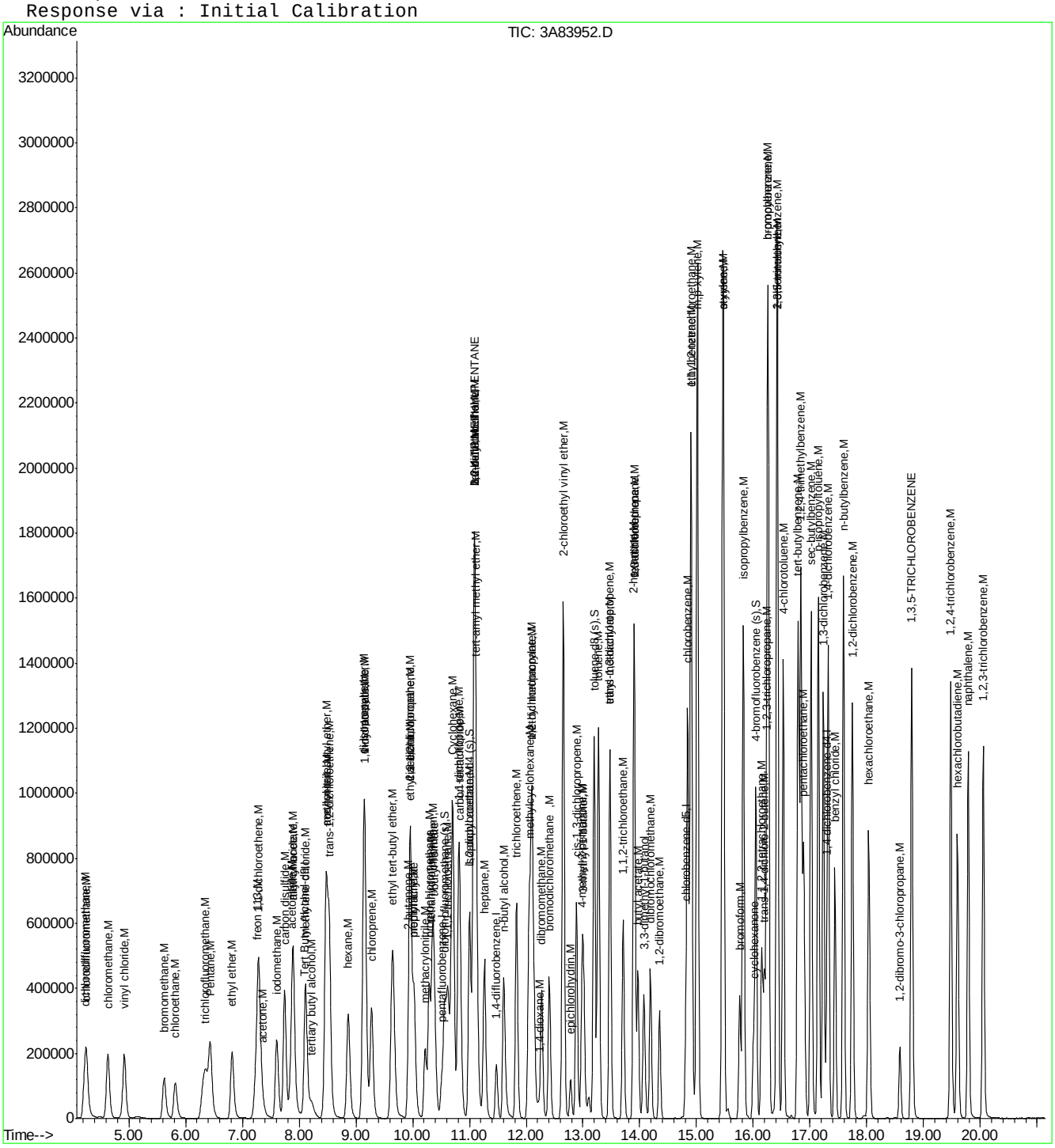
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
98)	cyclohexanone	16.01	98	74878	1521.26	ug/L	98
99)	bromobenzene	16.26	156	412952	197.46	ug/L	99
100)	1,1,2,2-tetrachloroethane	16.15	83	425188	203.81	ug/L	99
101)	trans-1,4-dichloro-2-buten	16.19	53	109769	215.20	ug/L	98
102)	1,2,3-trichloropropane	16.23	110	109996	215.94	ug/L	99
103)	n-propylbenzene	16.26	120	434858	199.32	ug/L	96
104)	2-chlorotoluene	16.42	126	384221	191.98	ug/L	96
105)	4-chlorotoluene	16.53	126	414871	201.95	ug/L	99
106)	1,3,5-trimethylbenzene	16.42	105	1336961	198.30	ug/L	100
107)	tert-butylbenzene	16.79	119	1212577	205.16	ug/L	99
108)	pentachloroethane	16.89	167	266506	213.49	ug/L	99
109)	1,2,4-trimethylbenzene	16.84	105	1366540	195.83	ug/L	99
110)	sec-butylbenzene	17.02	105	1777549	198.12	ug/L	98
111)	1,3-dichlorobenzene	17.23	146	830708	197.83	ug/L	97
112)	p-isopropyltoluene	17.14	119	1481640	199.05	ug/L	98
113)	1,4-dichlorobenzene	17.32	146	838421	196.20	ug/L	99
114)	1,2-dichlorobenzene	17.75	146	825487	200.01	ug/L	99
115)	benzyl chloride	17.44	91	826056	209.76	ug/L	99
116)	n-butylbenzene	17.59	92	800716	203.27	ug/L	99
117)	1,2-dibromo-3-chloropropan	18.58	75	84005	215.34	ug/L	97
118)	1,3,5-TRICHLOROBENZENE	18.79	180	703727	201.34	ug/L	100
119)	1,2,4-trichlorobenzene	19.48	180	658775	205.85	ug/L	100
120)	hexachlorobutadiene	19.60	225	314302	201.28	ug/L	99
121)	naphthalene	19.79	128	1366295	206.03	ug/L	99
122)	1,2,3-trichlorobenzene	20.05	180	579280	206.63	ug/L	99
123)	hexachloroethane	18.03	201	269458	224.76	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3A83952.D Vial: 9
Acq On : 7 Oct 2010 10:41 pm Operator: HennyS
Sample : ic3607-200 Inst : MS3A
Misc : MS2813,V3A3607,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 8 6:34 2010 Quant Results File: M3A3607.RES

Method : C:\MSDCHEM\1\METHODS\M3A3607.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri Oct 08 10:15:44 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\
Data File : 3A83959.D
Acq On : 8 Oct 2010 10:59 am
Operator : HennyS
Sample : bs
Misc : MS2813,V3A3608,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 08:57:51 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	8.075	65	78484	500.00	ug/L		0.00
4) pentafluorobenzene	10.518	168	179780	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.472	114	256300	50.00	ug/L		0.00
81) chlorobenzene-d5	14.812	117	244305	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.292	152	123261	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.565	113	84001	41.87	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 83.74%				
47) 1,2-dichloroethane-d4 (s)	11.005	65	98550	43.69	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 87.38%				
73) toluene-d8 (s)	13.197	98	328867	46.37	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 92.74%				
97) 4-bromofluorobenzene (s)	16.044	95	125489	45.81	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 91.62%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.211	59	39619	245.78	ug/L		94
3) 1,4-dioxane	12.222	88	16269	1065.39	ug/L		95
7) chlorodifluoromethane	4.252	51	96197	55.55	ug/L		97
8) dichlorodifluoromethane	4.226	85	106062	48.80	ug/L		99
9) chloromethane	4.614	50	127434	42.90	ug/L		97
10) vinyl chloride	4.897	62	122817	45.85	ug/L		98
11) bromomethane	5.631	94	81607	45.55	ug/L		97
12) chloroethane	5.836	64	67818	47.16	ug/L		97
13) trichlorofluoromethane	6.350	101	129174	46.66	ug/L		100
14) Pentane	6.439	43	109442	56.48	ug/L		99
15) ethyl ether	6.816	74	49283	46.95	ug/L		98
18) acrolein	7.110	56	176987	475.26	ug/L		99
19) 1,1-dichloroethene	7.293	96	77736	45.98	ug/L		99
20) acetone	7.383	43	23325	47.20	ug/L		97
21) allyl chloride	7.907	76	52513	45.22	ug/L		97
22) acetonitrile	7.875	40	73325	435.82	ug/L	#	84
23) iodomethane	7.613	142	154600	45.65	ug/L		99
24) iso-butyl alcohol	11.089	74	27161	455.36	ug/L	#	84
25) carbon disulfide	7.750	76	292053	44.94	ug/L		99
26) methylene chloride	8.117	84	89886	44.61	ug/L		99
27) methyl acetate	7.886	43	65652	46.23	ug/L		97
28) methyl tert butyl ether	8.478	73	253107	46.30	ug/L		100
29) trans-1,2-dichloroethene	8.541	96	87144	44.18	ug/L		99
30) di-isopropyl ether	9.144	45	280842	45.71	ug/L		99
31) 2-butanone	9.920	72	9469	44.67	ug/L		99
32) 1,1-dichloroethane	9.160	63	156022	45.52	ug/L		99
33) chloroprene	9.281	53	107593	47.63	ug/L		99
34) acrylonitrile	8.484	53	156028	235.57	ug/L		97
35) vinyl acetate	9.149	86	14586	46.75	ug/L		91
36) ethyl tert-butyl ether	9.648	59	281775	46.22	ug/L		99
37) ethyl acetate	9.941	45	11763	44.71	ug/L		85
38) 2,2-dichloropropane	9.962	77	131388	47.80	ug/L		97

ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\
Data File : 3A83959.D
Acq On : 8 Oct 2010 10:59 am
Operator : HennyS
Sample : bs
Misc : MS2813,V3A3608,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 08:57:51 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,2-dichloroethene	9.962	96	93950	44.27	ug/L	99
40) methylacrylate	10.025	85	12514	44.87	ug/L	93
41) propionitrile	10.025	54	112811	447.87	ug/L	98
42) bromochloromethane	10.298	128	47568	45.07	ug/L	96
43) tetrahydrofuran	10.334	42	27679	45.35	ug/L	99
44) chloroform	10.355	85	94945	44.72	ug/L	98
45) t-butyl formate	10.387	59	91351	48.36	ug/L	98
48) freon 113	7.267	151	61891	50.69	ug/L	98
49) methacrylonitrile	10.219	41	48413	44.72	ug/L	99
50) 1,1,1-trichloroethane	10.617	97	125995	47.09	ug/L	98
51) Cyclohexane	10.696	84	122996	45.49	ug/L	99
53) epichlorohydrin	12.783	57	41864	252.71	ug/L	98
54) n-butyl alcohol	11.603	56	98184	2098.02	ug/L	97
55) carbon tetrachloride	10.838	117	109880	49.47	ug/L	97
56) 1,1-dichloropropene	10.811	75	116704	49.14	ug/L	99
57) hexane	8.872	57	97036	54.12	ug/L	97
58) 2,2,4-TRIMETHYLPENTANE	11.079	57	281480	51.35	ug/L	99
59) benzene	11.084	78	336236	45.16	ug/L	100
60) tert-amyl methyl ether	11.116	87	59716	49.77	ug/L	98
61) heptane	11.273	57	55432	48.72	ug/L	98
62) isopropyl acetate	11.005	43	153511	46.37	ug/L	99
63) 1,2-dichloroethane	11.095	62	109831	48.67	ug/L	97
64) trichloroethene	11.829	95	88538	49.19	ug/L	99
65) methyl methacrylate	12.107	41	185378	46.35	ug/L	99
67) 2-chloroethyl vinyl ether	12.652	63	288159	256.70	ug/L	99
68) 1,2-dichloropropane	12.101	63	89442	45.95	ug/L	99
69) dibromomethane	12.269	93	54371	48.30	ug/L	99
70) methylcyclohexane	12.059	83	136435	50.75	ug/L	99
71) bromodichloromethane	12.411	83	112967	47.52	ug/L	98
72) cis-1,3-dichloropropene	12.888	75	148672	48.50	ug/L	99
74) 4-methyl-2-pentanone	12.987	58	31488	46.04	ug/L	95
75) toluene	13.276	92	212673	46.89	ug/L	98
76) 3-methyl-1-butanol	13.008	55	62721	937.36	ug/L	98
77) trans-1,3-dichloropropene	13.480	75	133189	48.46	ug/L	99
78) ethyl methacrylate	13.470	69	105435	47.99	ug/L	99
79) 1,1,2-trichloroethane	13.711	83	65668	46.55	ug/L	99
80) 2-hexanone	13.889	58	28367	46.78	ug/L	93
82) tetrachloroethene	13.900	164	78957	50.75	ug/L	99
83) 1,3-dichloropropane	13.900	76	130024	47.00	ug/L	100
84) butyl acetate	13.968	56	52392	49.24	ug/L	99
85) 3,3-dimethyl-1-butanol	14.073	57	68540	460.10	ug/L	99
86) dibromochloromethane	14.188	129	94080	50.19	ug/L	100
87) 1,2-dibromoethane	14.351	107	83294	49.24	ug/L	98
88) chlorobenzene	14.843	112	250136	46.34	ug/L	100
89) 1,1,1,2-tetrachloroethane	14.912	131	89586	48.60	ug/L	99
90) ethylbenzene	14.901	91	410742	46.57	ug/L	100
91) m,p-xylene	15.016	106	318052	93.06	ug/L	99
92) o-xylene	15.462	106	164231	48.17	ug/L	98
93) styrene	15.473	104	272891	47.84	ug/L	99
94) bromoform	15.761	173	67555	49.80	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\
Data File : 3A83959.D
Acq On : 8 Oct 2010 10:59 am
Operator : HennyS
Sample : bs
Misc : MS2813,V3A3608,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 08:57:51 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

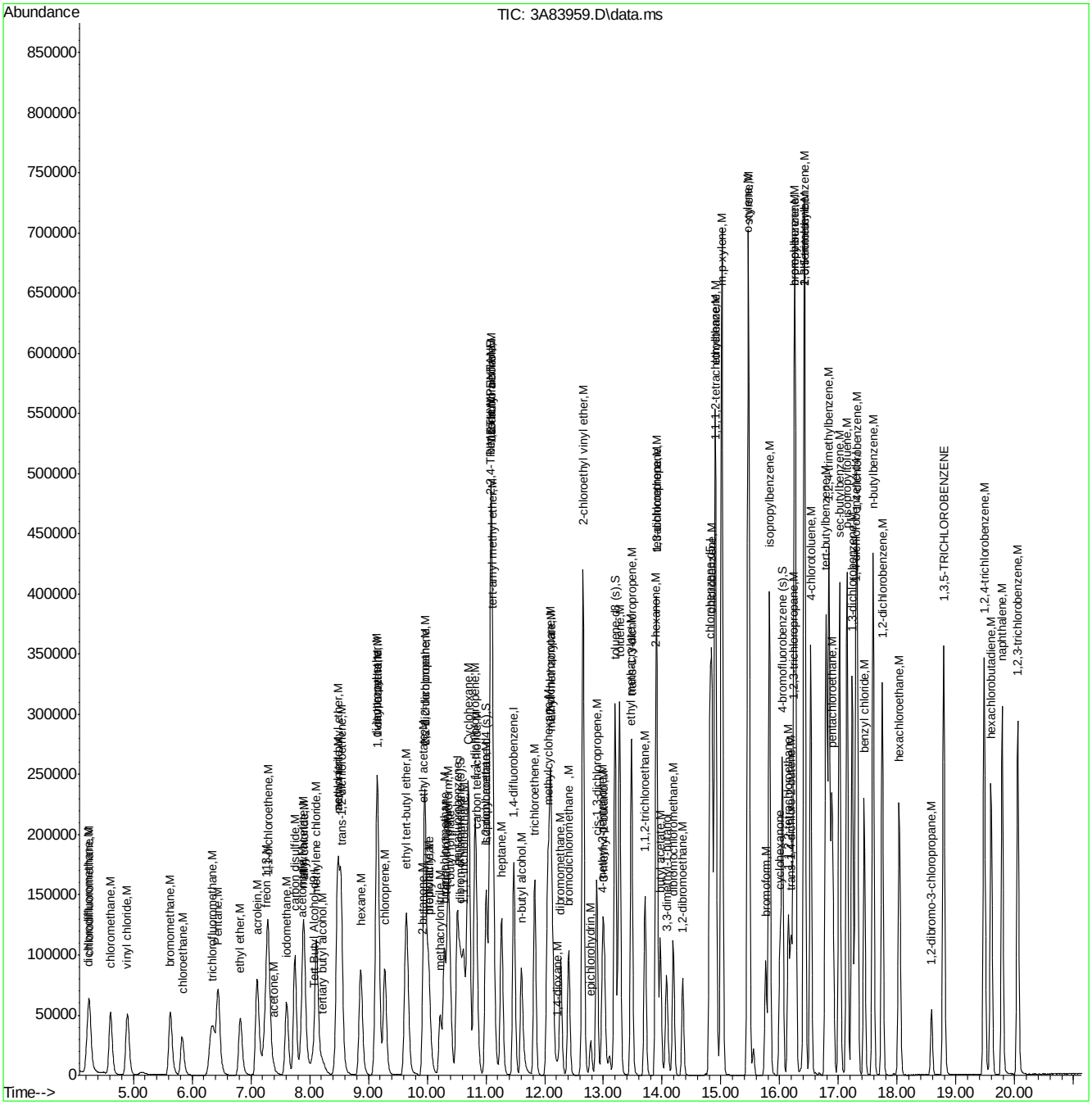
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) isopropylbenzene	15.824	105	429749	49.24	ug/L	100
98) cyclohexanone	16.007	98	34303	525.99	ug/L	95
99) bromobenzene	16.259	156	109054	49.29	ug/L	98
100) 1,1,2,2-tetrachloroethane	16.149	83	107336	48.00	ug/L	100
101) trans-1,4-dichloro-2-b...	16.191	53	28124	49.87	ug/L	99
102) 1,2,3-trichloropropane	16.233	110	29044	49.06	ug/L	95
103) n-propylbenzene	16.259	120	116105	50.27	ug/L	99
104) 2-chlorotoluene	16.422	126	102258	48.12	ug/L	98
105) 4-chlorotoluene	16.526	126	105996	48.13	ug/L	97
106) 1,3,5-trimethylbenzene	16.416	105	351717	48.28	ug/L	99
107) tert-butylbenzene	16.789	119	310492	48.62	ug/L	100
108) pentachloroethane	16.888	167	67270	49.01	ug/L	98
109) 1,2,4-trimethylbenzene	16.836	105	363036	48.01	ug/L	99
110) sec-butylbenzene	17.019	105	467145	48.11	ug/L	99
111) 1,3-dichlorobenzene	17.234	146	213148	47.14	ug/L	99
112) p-isopropyltoluene	17.145	119	391281	48.56	ug/L	99
113) 1,4-dichlorobenzene	17.318	146	217450	46.91	ug/L	99
114) 1,2-dichlorobenzene	17.748	146	213001	47.59	ug/L	99
115) benzyl chloride	17.439	91	246174	57.13	ug/L	100
116) n-butylbenzene	17.591	92	209401	49.07	ug/L	99
117) 1,2-dibromo-3-chloropr...	18.587	75	21102	48.92	ug/L	97
118) 1,3,5-TRICHLOROBENZENE	18.791	180	188929	49.53	ug/L	100
119) 1,2,4-trichlorobenzene	19.483	180	174117	49.61	ug/L	100
120) hexachlorobutadiene	19.594	225	86387	50.76	ug/L	98
121) naphthalene	19.788	128	363486	50.12	ug/L	99
122) 1,2,3-trichlorobenzene	20.050	180	150902	49.20	ug/L	99
123) hexachloroethane	18.036	201	69192	52.08	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\
Data File : 3A83959.D
Acq On : 8 Oct 2010 10:59 am
Operator : HennyS
Sample : bs
Misc : MS2813,V3A3608,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 08:57:51 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85995.D
Acq On : 30 Nov 2010 9:32 am
Operator : HennyS
Sample : cc3607-20
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 30 09:56:21 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	8.080	65	65583	500.00	ug/L		0.00
4) pentafluorobenzene	10.513	168	166075	50.00	ug/L		0.00
52) 1,4-difluorobenzene	11.472	114	235900	50.00	ug/L		0.00
81) chlorobenzene-d5	14.807	117	226724	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	17.287	152	116443	50.00	ug/L		0.00
System Monitoring Compounds							
46) dibromofluoromethane (s)	10.560	113	83858	45.25	ug/L		0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 90.50%				
47) 1,2-dichloroethane-d4 (s)	11.000	65	92904	44.58	ug/L		0.00
Spiked Amount 50.000	Range 64 - 135		Recovery = 89.16%				
73) toluene-d8 (s)	13.192	98	328669	50.35	ug/L		0.00
Spiked Amount 50.000	Range 76 - 117		Recovery = 100.70%				
97) 4-bromofluorobenzene (s)	16.044	95	122974	47.52	ug/L		0.00
Spiked Amount 50.000	Range 72 - 122		Recovery = 95.04%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	8.216	59	14057	104.36	ug/L		74
3) 1,4-dioxane	12.222	88	5581	437.37	ug/L		94
7) chlorodifluoromethane	4.268	51	30357	18.97	ug/L		97
8) dichlorodifluoromethane	4.242	85	42568	21.20	ug/L		98
9) chloromethane	4.651	50	59775	21.78	ug/L		98
10) vinyl chloride	4.924	62	48674	19.67	ug/L		97
11) bromomethane	5.663	94	32050	19.36	ug/L		98
12) chloroethane	5.852	64	28100	21.15	ug/L		98
13) trichlorofluoromethane	6.371	101	46891	18.34	ug/L		100
14) Pentane	6.455	43	54923	30.68	ug/L		99
15) ethyl ether	6.832	74	19948	20.57	ug/L		98
18) acrolein	7.105	56	76217	221.55	ug/L		100
19) 1,1-dichloroethene	7.304	96	33237	21.28	ug/L		96
20) acetone	7.388	43	8644	18.94	ug/L		95
21) allyl chloride	7.902	76	22000	20.51	ug/L		90
22) acetonitrile	7.870	40	25255	162.50	ug/L	#	54
23) iodomethane	7.613	142	64933	20.76	ug/L		97
24) iso-butyl alcohol	11.084	74	10982	199.31	ug/L		89
25) carbon disulfide	7.750	76	128856	21.47	ug/L		99
26) methylene chloride	8.122	84	38878	20.89	ug/L		97
27) methyl acetate	7.891	43	24417	18.61	ug/L		97
28) methyl tert butyl ether	8.484	73	103111	20.42	ug/L		98
29) trans-1,2-dichloroethene	8.536	96	36463	20.01	ug/L		97
30) di-isopropyl ether	9.139	45	112502	19.82	ug/L		79
31) 2-butanone	9.925	72	3500	19.39	ug/L	#	75
32) 1,1-dichloroethane	9.160	63	65741	20.76	ug/L		99
33) chloroprene	9.281	53	44584	21.36	ug/L		97
34) acrylonitrile	8.484	53	64170	104.88	ug/L		99
35) vinyl acetate	9.155	86	5262	20.33	ug/L		68
36) ethyl tert-butyl ether	9.648	59	111488	19.80	ug/L		99
37) ethyl acetate	9.946	45	4216	18.82	ug/L		75
38) 2,2-dichloropropane	9.962	77	53387	21.03	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85995.D
Acq On : 30 Nov 2010 9:32 am
Operator : HennyS
Sample : cc3607-20
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 30 09:56:21 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,2-dichloroethene	9.962	96	39087	19.94	ug/L	98
40) methylacrylate	10.036	85	4589	19.35	ug/L	81
41) propionitrile	10.030	54	46902	201.57	ug/L	91
42) bromochloromethane	10.292	128	19732	20.24	ug/L	99
43) tetrahydrofuran	10.329	42	10979	19.47	ug/L	100
44) chloroform	10.355	85	38738	19.75	ug/L	97
45) t-butyl formate	10.376	59	34557	19.80	ug/L	98
48) freon 113	7.283	151	23325	20.68	ug/L	96
49) methacrylonitrile	10.224	41	19310	19.31	ug/L	99
50) 1,1,1-trichloroethane	10.612	97	51070	20.66	ug/L	98
51) Cyclohexane	10.691	84	49362	19.76	ug/L	93
53) epichlorohydrin	12.783	57	17004	111.52	ug/L	98
54) n-butyl alcohol	11.603	56	38357	890.50	ug/L	100
55) carbon tetrachloride	10.838	117	43725	21.39	ug/L	99
56) 1,1-dichloropropene	10.806	75	47117	21.56	ug/L	100
57) hexane	8.872	57	41028	24.86	ug/L	97
58) 2,2,4-TRIMETHYLPENTANE	11.079	57	110012	21.81	ug/L	98
59) benzene	11.084	78	140046	20.43	ug/L	99
60) tert-amyl methyl ether	11.121	87	23194	21.00	ug/L	91
61) heptane	11.262	57	22178	21.18	ug/L	98
62) isopropyl acetate	11.005	43	59265	19.45	ug/L	99
63) 1,2-dichloroethane	11.089	62	42333	20.38	ug/L	98
64) trichloroethene	11.829	95	36951	22.30	ug/L	98
65) methyl methacrylate	12.101	41	77478	21.05	ug/L	89
67) 2-chloroethyl vinyl ether	12.652	63	127234	123.14	ug/L	100
68) 1,2-dichloropropane	12.096	63	40168	22.42	ug/L	100
69) dibromomethane	12.269	93	23613	22.79	ug/L	97
70) methylcyclohexane	12.059	83	56168	22.70	ug/L	97
71) bromodichloromethane	12.405	83	48580	22.20	ug/L	97
72) cis-1,3-dichloropropene	12.888	75	64068	22.71	ug/L	97
74) 4-methyl-2-pentanone	12.982	58	13198	20.97	ug/L	88
75) toluene	13.270	92	86757	20.78	ug/L	97
76) 3-methyl-1-butanol	13.008	55	24166	392.39	ug/L	99
77) trans-1,3-dichloropropene	13.480	75	54439	21.52	ug/L	91
78) ethyl methacrylate	13.470	69	42309	20.92	ug/L	97
79) 1,1,2-trichloroethane	13.706	83	27115	20.88	ug/L	99
80) 2-hexanone	13.889	58	12890	23.09	ug/L	96
82) tetrachloroethene	13.900	164	32200	22.30	ug/L	97
83) 1,3-dichloropropane	13.900	76	54161	21.09	ug/L	97
84) butyl acetate	13.968	56	21655	21.93	ug/L	95
85) 3,3-dimethyl-1-butanol	14.067	57	25570	184.96	ug/L	98
86) dibromochloromethane	14.188	129	38315	22.03	ug/L	99
87) 1,2-dibromoethane	14.351	107	33742	21.49	ug/L	99
88) chlorobenzene	14.843	112	101671	20.30	ug/L	99
89) 1,1,1,2-tetrachloroethane	14.906	131	36716	21.46	ug/L	99
90) ethylbenzene	14.901	91	168218	20.55	ug/L	99
91) m,p-xylene	15.011	106	131228	41.38	ug/L	99
92) o-xylene	15.457	106	66785	21.11	ug/L	99
93) styrene	15.473	104	111114	20.99	ug/L	96
94) bromoform	15.756	173	27428	21.79	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85995.D
Acq On : 30 Nov 2010 9:32 am
Operator : HennyS
Sample : cc3607-20
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 30 09:56:21 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration

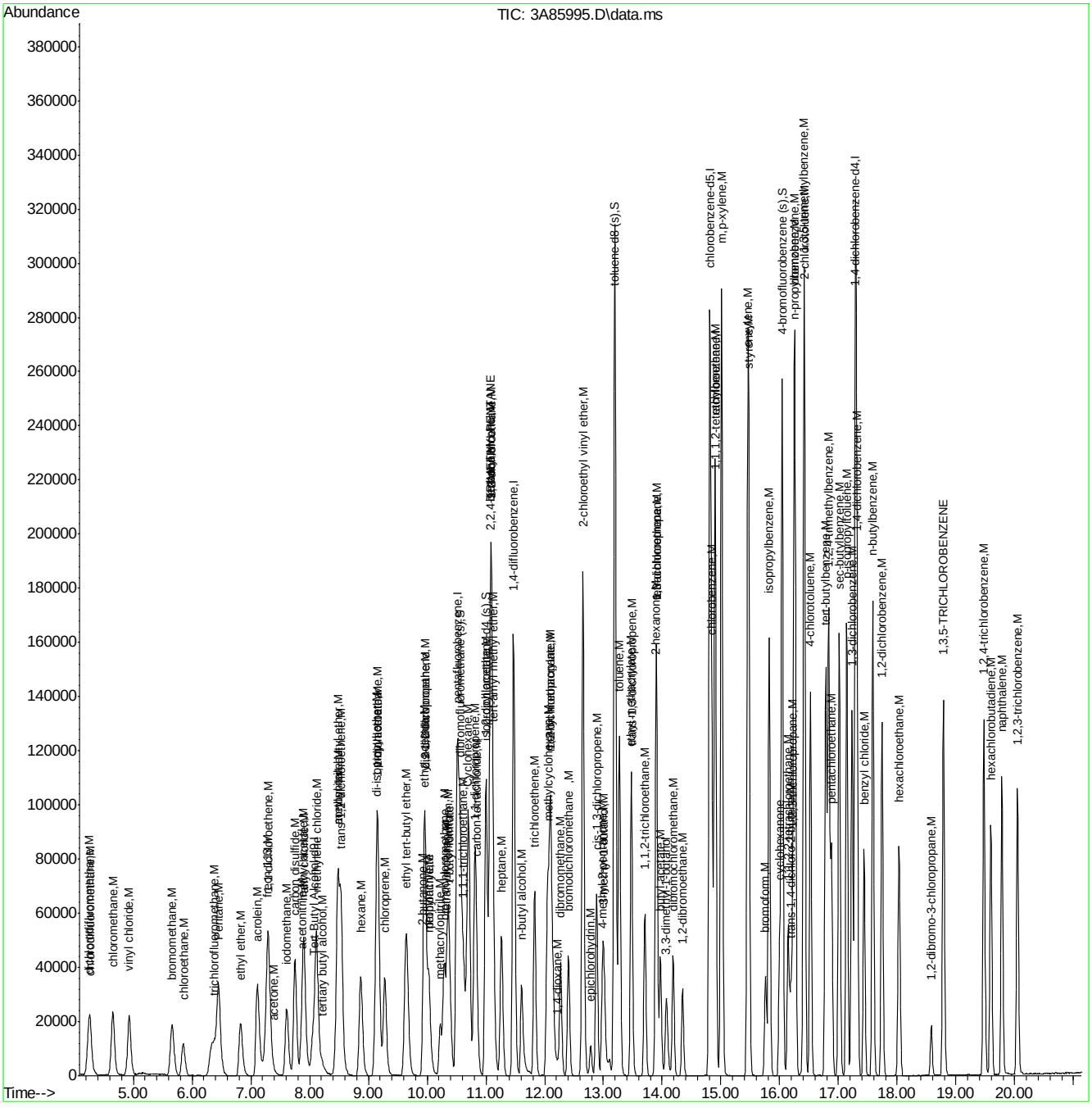
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) isopropylbenzene	15.819	105	170674	20.70	ug/L	100
98) cyclohexanone	16.002	98	16055	267.42	ug/L	98
99) bromobenzene	16.254	156	46538	22.27	ug/L	96
100) 1,1,2,2-tetrachloroethane	16.144	83	44816	21.21	ug/L	100
101) trans-1,4-dichloro-2-b...	16.191	53	8461	15.88	ug/L	86
102) 1,2,3-trichloropropane	16.222	110	11506	20.58	ug/L	99
103) n-propylbenzene	16.259	120	46717	21.41	ug/L	98
104) 2-chlorotoluene	16.422	126	42282	21.06	ug/L	93
105) 4-chlorotoluene	16.521	126	43263	20.80	ug/L	95
106) 1,3,5-trimethylbenzene	16.411	105	142455	20.70	ug/L	99
107) tert-butylbenzene	16.789	119	126062	20.90	ug/L	96
108) pentachloroethane	16.883	167	28369	21.88	ug/L	99
109) 1,2,4-trimethylbenzene	16.836	105	146348	20.49	ug/L	100
110) sec-butylbenzene	17.014	105	187309	20.42	ug/L	99
111) 1,3-dichlorobenzene	17.229	146	88170	20.64	ug/L	99
112) p-isopropyltoluene	17.140	119	157646	20.71	ug/L	99
113) 1,4-dichlorobenzene	17.318	146	88405	20.19	ug/L	99
114) 1,2-dichlorobenzene	17.743	146	86818	20.53	ug/L	98
115) benzyl chloride	17.433	91	92712	22.77	ug/L	99
116) n-butylbenzene	17.585	92	82056	20.35	ug/L	95
117) 1,2-dibromo-3-chloropr...	18.582	75	7641	18.75	ug/L	98
118) 1,3,5-TRICHLOROBENZENE	18.786	180	72590	20.15	ug/L	99
119) 1,2,4-trichlorobenzene	19.478	180	65368	19.71	ug/L	98
120) hexachlorobutadiene	19.594	225	34925	21.72	ug/L	98
121) naphthalene	19.782	128	133446	19.48	ug/L	100
122) 1,2,3-trichlorobenzene	20.050	180	56521	19.51	ug/L	100
123) hexachloroethane	18.031	201	27982	22.29	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\3a_data\v3a3693-94\
Data File : 3A85995.D
Acq On : 30 Nov 2010 9:32 am
Operator : HennyS
Sample : cc3607-20
Misc : MS5211,V3A3693,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 30 09:56:21 2010
Quant Method : C:\MSDCHEM\1\METHODS\M3A3607.M
Quant Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
QLast Update : Fri Oct 08 11:10:08 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/12/10 20:31

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105434.D
Acq On : 8 Nov 2010 10:46 am
Operator : alexm1
Sample : IC4490-10
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 11:00:02 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.575	65	56561	500.00	ug/L		0.01
4) pentafluorobenzene	8.091	168	147593	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	210394	50.00	ug/L		0.00
92) chlorobenzene-d5	12.495	117	187447	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.922	152	94498	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.086	113	16115	11.38	ug/L		0.02
Spiked Amount 50.000	Range 67 - 127		Recovery = 22.76%#				
54) 1,2-dichloroethane-d4 (s)	8.551	65	20047	11.52	ug/L		0.03
Spiked Amount 50.000	Range 65 - 132		Recovery = 23.04%#				
84) toluene-d8 (s)	10.868	98	66704	10.92	ug/L		0.02
Spiked Amount 50.000	Range 74 - 129		Recovery = 21.84%#				
109) 4-bromofluorobenzene (s)	13.761	95	25874	11.04	ug/L		0.01
Spiked Amount 50.000	Range 62 - 138		Recovery = 22.08%#				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.738	59	9540	52.63	ug/L		94
3) 1,4-dioxane	9.906	88	3116	274.84	ug/L	#	1
10) chlorodifluoromethane	2.531	51	28496	12.51	ug/L		99
11) dichlorodifluoromethane	2.516	85	31731	11.36	ug/L		96
12) chloromethane	2.699	50	32735	10.83	ug/L		100
15) vinyl chloride	2.887	62	25236	11.21	ug/L		96
16) Acetaldehyde	3.081	44	7001m	105.97	ug/L		
17) bromomethane	3.368	94	16483	11.31	ug/L		92
18) chloroethane	3.515	64	14959	10.84	ug/L		96
20) trichlorofluoromethane	3.949	101	29878	11.37	ug/L		88
21) Pentane	3.996	43	40700	10.48	ug/L		98
22) ethyl ether	4.341	74	10784	10.84	ug/L		94
26) acrolein	4.597	56	27392	102.66	ug/L		93
27) 1,1-dichloroethene	4.718	96	16593	11.70	ug/L		93
28) acetone	4.864	58	2775	9.03	ug/L	#	61
29) allyl chloride	5.298	78	3413	11.58	ug/L		81
30) acetonitrile	5.319	40	9060	64.37	ug/L		93
31) iodomethane	4.979	142	29999	11.53	ug/L		97
33) carbon disulfide	5.094	76	58507	11.52	ug/L		98
34) methylene chloride	5.497	84	19309	11.65	ug/L		98
35) methyl acetate	5.387	43	8618	8.77	ug/L		90
36) methyl tert butyl ether	5.879	73	54000	11.47	ug/L		95
37) trans-1,2-dichloroethene	5.910	96	18032	11.62	ug/L		93
38) di-isopropyl ether	6.590	45	63504	10.76	ug/L		98
39) 2-butanone	7.537	72	2022	8.36	ug/L		68
40) 1,1-dichloroethane	6.538	63	34829	11.50	ug/L		99
41) chloroprene	6.679	53	24554	10.94	ug/L		95
42) acrylonitrile	5.947	53	26816	49.71	ug/L		95
43) vinyl acetate	6.752	86	582	7.43	ug/L	#	1
44) ethyl tert-butyl ether	7.118	59	60158	10.79	ug/L		99
45) ethyl acetate	7.568	45	1240	8.12	ug/L	#	16
46) 2,2-dichloropropane	7.369	77	28952	11.47	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105434.D
Acq On : 8 Nov 2010 10:46 am
Operator : alexm1
Sample : IC4490-10
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 11:00:02 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	cis-1,2-dichloroethene	7.411	96	19747	11.29	ug/L		94
48)	propionitrile	7.584	54	20277	101.16	ug/L		93
49)	bromochloromethane	7.746	128	8938	11.31	ug/L		91
50)	tetrahydrofuran	7.840	42	4689	8.77	ug/L		97
51)	chloroform	7.845	83	31773	11.73	ug/L		98
52)	tert-butyl formate	7.898	59	14268	10.50	ug/L	#	99
55)	freon 113	4.733	151	13700	10.63	ug/L		85
56)	methacrylonitrile	7.809	67	4424m	8.02	ug/L		
57)	1,1,1-trichloroethane	8.091	97	28073	11.56	ug/L		93
58)	Cyclohexane	8.143	84	33340	11.71	ug/L		98
60)	epichlorohydrin	10.502	57	7139	46.23	ug/L		84
61)	n-butyl alcohol	8.232	56	40591	572.02	ug/L		99
62)	carbon tetrachloride	8.311	117	24851	11.24	ug/L		95
63)	1,1-dichloropropene	8.321	75	25456	11.30	ug/L		97
64)	hexane	6.276	86	4316	10.09	ug/L	#	74
66)	benzene	8.604	78	74358	11.50	ug/L		99
67)	2,2,4-trimethylpentane	8.630	57	73769	10.93	ug/L	#	47
68)	tert-amyl methyl ether	8.698	73	54187	11.57	ug/L		97
69)	heptane	8.881	57	15897	10.76	ug/L		93
70)	isopropyl acetate	8.672	61	8077	10.12	ug/L	#	79
71)	1,2-dichloroethane	8.656	62	23059	11.70	ug/L		95
73)	trichloroethene	9.441	95	18375	11.51	ug/L		95
75)	2-nitropropane	10.314	41	3805	10.02	ug/L		89
76)	2-chloroethyl vinyl ether	10.382	63	35928	48.22	ug/L		98
77)	ethyl acrylate	9.624	55	25972	10.51	ug/L	#	100
78)	methyl methacrylate	9.864	69	11137	10.22	ug/L		88
79)	1,2-dichloropropane	9.702	63	19463	11.32	ug/L		97
80)	dibromomethane	9.885	93	9653	11.14	ug/L		98
81)	methylcyclohexane	9.629	83	32177	10.82	ug/L		99
82)	bromodichloromethane	10.047	83	24027	11.45	ug/L		96
83)	cis-1,3-dichloropropene	10.570	75	32447	11.23	ug/L		95
85)	4-methyl-2-pentanone	10.732	58	5551	9.06	ug/L		98
86)	toluene	10.942	92	47016	11.58	ug/L		98
87)	3-methyl-1-butanol	10.853	55	13984	214.63	ug/L	#	7
88)	trans-1,3-dichloropropene	11.219	75	27653	11.04	ug/L		94
89)	ethyl methacrylate	11.271	69	20761	10.10	ug/L		96
90)	1,1,2-trichloroethane	11.412	83	12593	11.02	ug/L		93
91)	2-hexanone	11.716	58	10800	11.44	ug/L		92
93)	tetrachloroethene	11.564	164	16884	11.43	ug/L		97
94)	1,3-dichloropropane	11.606	76	27124	11.65	ug/L		93
95)	butyl acetate	11.805	56	7853	9.90	ug/L	#	71
96)	3,3-dimethyl-1-butanol	11.904	57	13267	87.75	ug/L	#	94
97)	dibromochloromethane	11.873	129	17407	11.46	ug/L		96
98)	1,2-dibromoethane	12.019	107	14448	10.39	ug/L		97
99)	chlorobenzene	12.532	112	52169	11.65	ug/L		99
100)	n-butyl ether	12.516	57	517	11.43	ug/L	#	1
101)	1,1,1,2-tetrachloroethane	12.600	131	18895	11.68	ug/L		97
102)	ethylbenzene	12.615	91	88374	11.77	ug/L		99
103)	m,p-xylene	12.736	106	66596	22.83	ug/L		96
104)	o-xylene	13.175	106	34244	11.43	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105434.D
Acq On : 8 Nov 2010 10:46 am
Operator : alexm1
Sample : IC4490-10
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 11:00:02 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

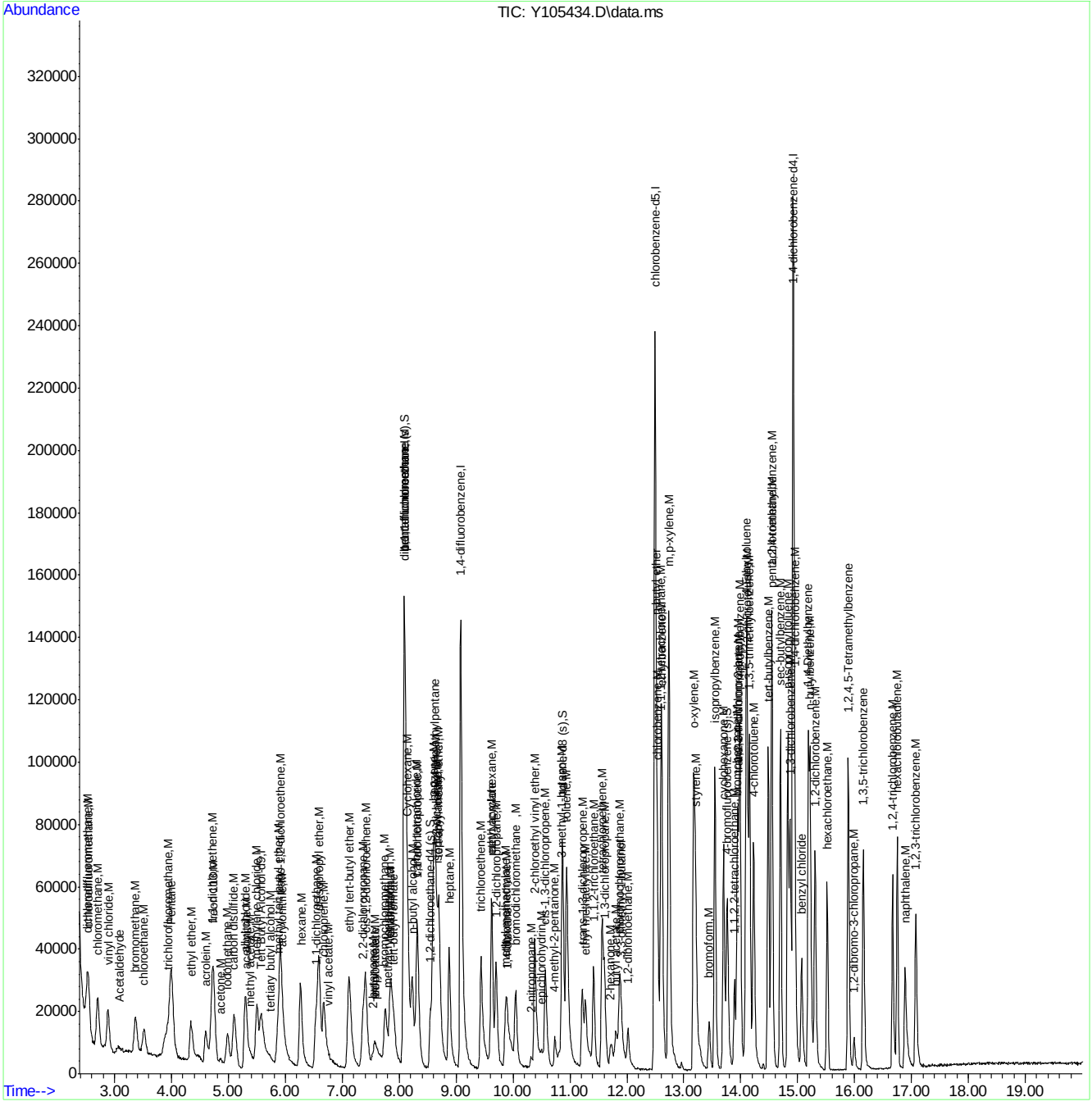
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105) styrene	13.206	104	56999	11.61	ug/L		98
106) bromoform	13.442	173	11627	10.72	ug/L		98
108) isopropylbenzene	13.546	105	92287	11.47	ug/L		99
110) cyclohexanone	13.698	55	49772	10.83	ug/L		99
111) bromobenzene	13.939	156	23615	11.77	ug/L		94
112) 1,1,2,2-tetrachloroethane	13.891	83	20883	11.35	ug/L		95
113) trans-1,4-dichloro-2-b...	13.954	53	5829	11.20	ug/L		96
114) 1,2,3-trichloropropane	13.949	110	5768	11.56	ug/L	#	85
115) n-propylbenzene	13.986	91	105828	11.54	ug/L		99
116) 4-Ethyltoluene	14.101	105	82777	11.19	ug/L		91
117) 2-chlorotoluene	14.116	126	21723	11.46	ug/L		94
118) 4-chlorotoluene	14.226	91	63238	11.02	ug/L		98
119) 1,3,5-trimethylbenzene	14.153	105	80087	11.30	ug/L		98
120) tert-butylbenzene	14.483	119	66615	11.52	ug/L		97
121) pentachloroethane	14.551	167	14154	11.23	ug/L		98
122) 1,2,4-trimethylbenzene	14.545	105	74805	11.19	ug/L		100
123) sec-butylbenzene	14.697	105	100750	11.26	ug/L		99
124) 1,3-dichlorobenzene	14.870	146	41800	11.37	ug/L		99
125) p-isopropyltoluene	14.828	119	83390	11.20	ug/L		99
126) 1,4-dichlorobenzene	14.948	146	46136	10.94	ug/L		99
127) 1,2-dichlorobenzene	15.304	146	41672	11.22	ug/L		97
128) benzyl chloride	15.068	91	38860	10.16	ug/L		99
129) 1,4-Diethylbenzene	15.189	119	49004	10.76	ug/L		98
130) n-butylbenzene	15.220	92	43256	11.31	ug/L		98
131) 1,2,4,5-Tetramethylben...	15.889	119	72725	10.48	ug/L		99
132) 1,2-dibromo-3-chloropr...	15.994	75	3647	10.50	ug/L		90
133) 1,3,5-trichlorobenzene	16.156	180	35764	10.89	ug/L		98
134) 1,2,4-trichlorobenzene	16.669	180	29273	10.32	ug/L		98
135) hexachlorobutadiene	16.752	225	18403	11.00	ug/L		99
136) naphthalene	16.888	128	49515	9.51	ug/L		98
137) 1,2,3-trichlorobenzene	17.077	180	25279	10.20	ug/L		98
138) hexachloroethane	15.523	201	13369	10.87	ug/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105434.D
Acq On : 8 Nov 2010 10:46 am
Operator : alexm1
Sample : IC4490-10
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 11:00:02 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: VY4490-IC4490
Lab FileID: Y105434.D
Injection Time: 11/08/10 10:46
Method: SW846 8260B
Analyst approved: 11/09/10 16:17 Ho Joong Kim
Supervisor approved: 11/12/10 20:31 Kanya Veerawat

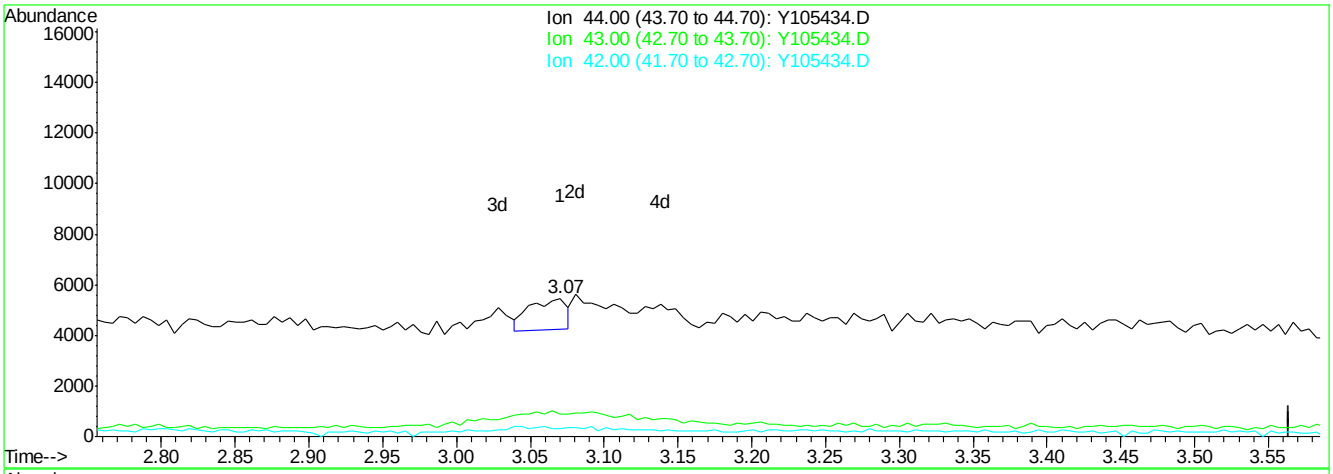
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetaldehyde	75-07-0		3.08	Poorly defined baseline
Methacrylonitrile	126-98-7		7.81	Baseline ripple

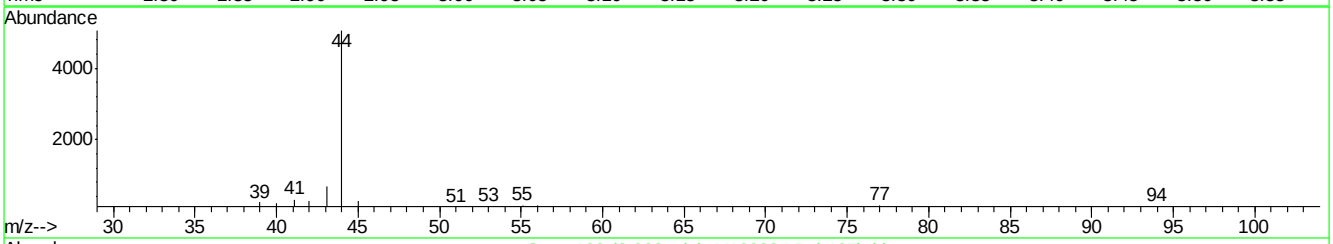
Quantitation Report (Qedit)

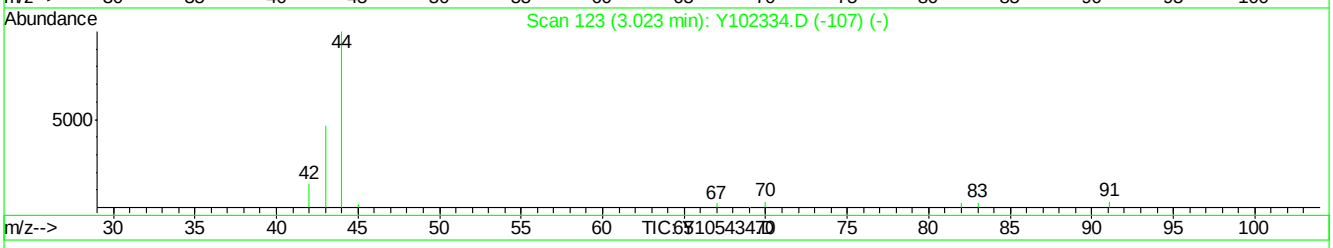
Data File : C:\MSDChem\1\DATA\Y105434.D Vial: 2
Acq On : 8 Nov 2010 10:46 am Operator: alexm1
Sample : IC4490-10 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:12 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(16) Acetaldehyde

3.07min 33.48ug/L

response 2212

Ion	Exp%	Act%
44.00	100	100
43.00	57.70	91.95#
42.00	17.10	36.75#
0.00	0.00	0.00

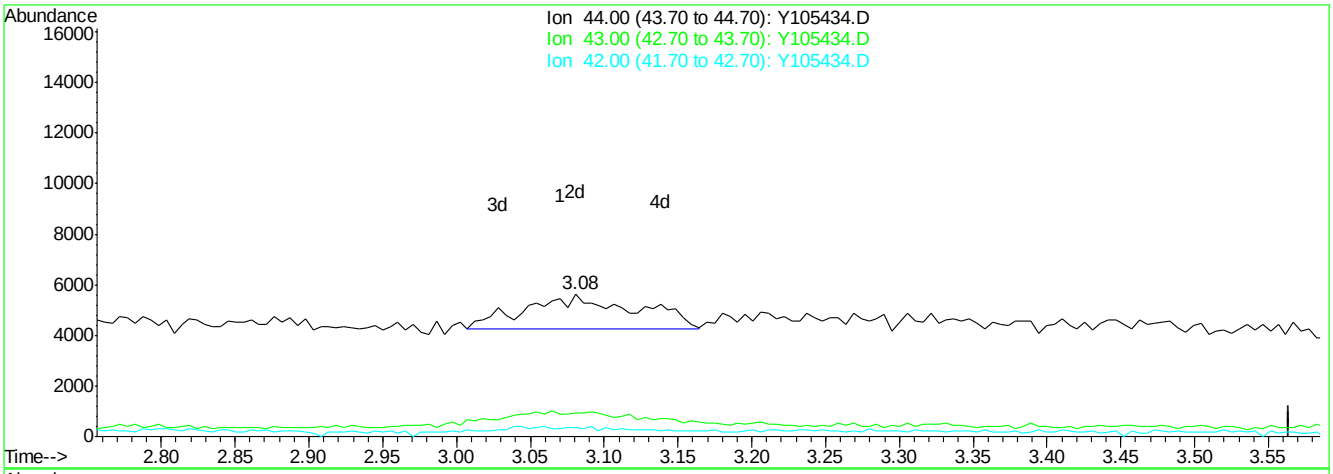
Y105434.D MYS4490.M Tue Nov 09 10:58:38 2010 RPT1

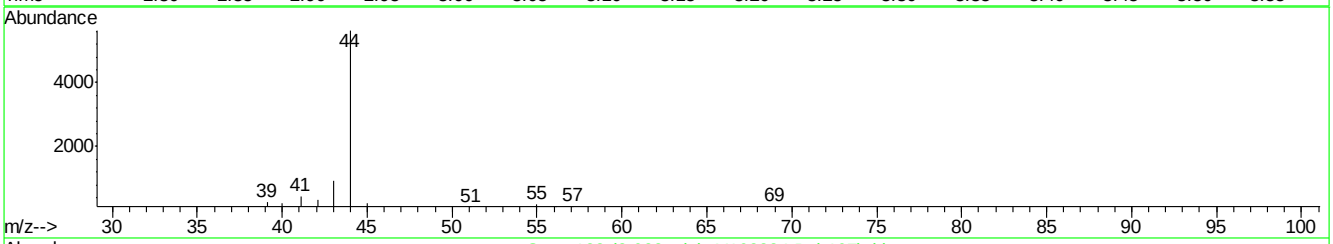
Quantitation Report (Qedit)

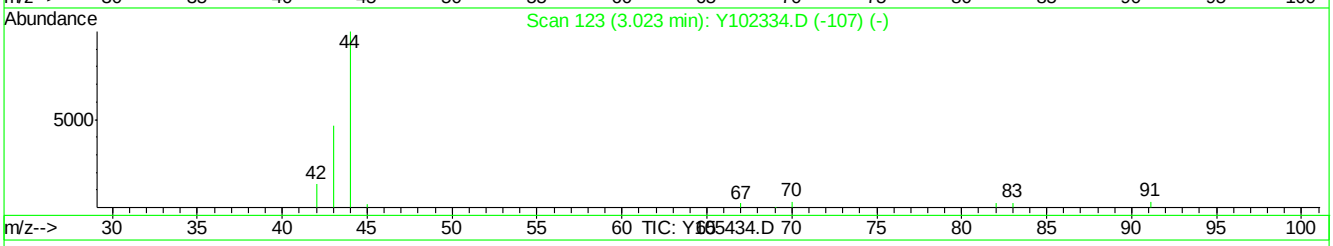
Data File : C:\MSDChem\1\DATA\Y105434.D Vial: 2
Acq On : 8 Nov 2010 10:46 am Operator: alexm1
Sample : IC4490-10 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:12 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(16) Acetaldehyde

3.08min 105.97ug/L m

response 7001

Ion	Exp%	Act%
44.00	100	100
43.00	57.70	29.05#
42.00	17.10	11.61#
0.00	0.00	0.00

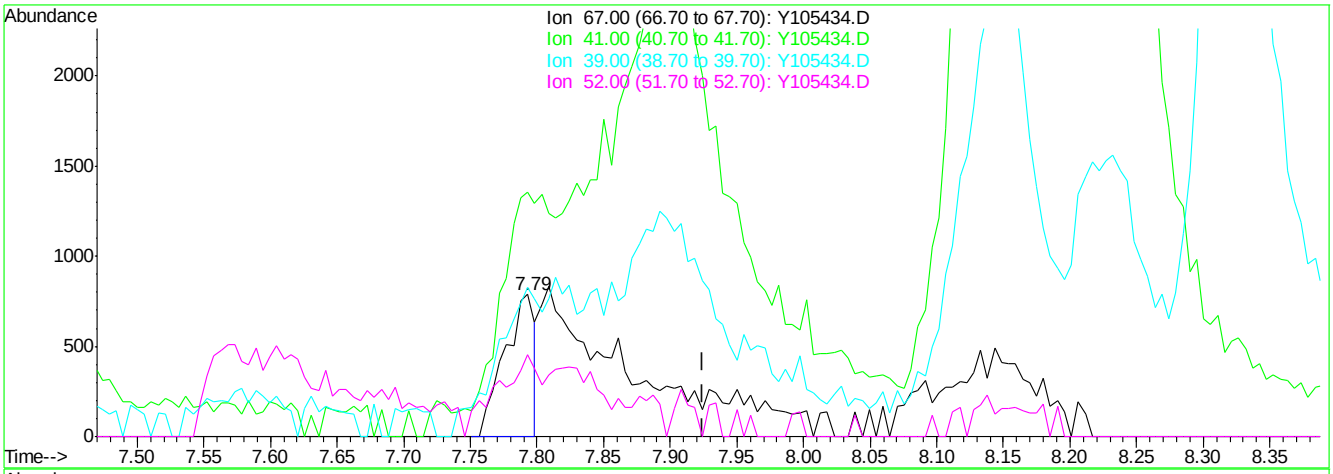
Y105434.D MYS4490.M Tue Nov 09 10:58:56 2010 RPT1

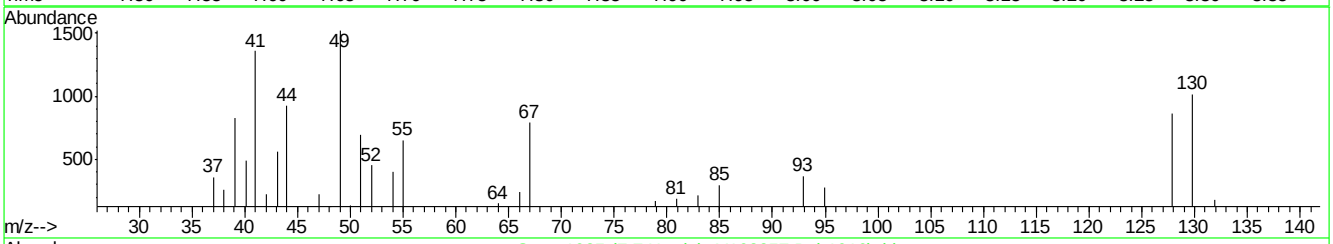
Quantitation Report (Qedit)

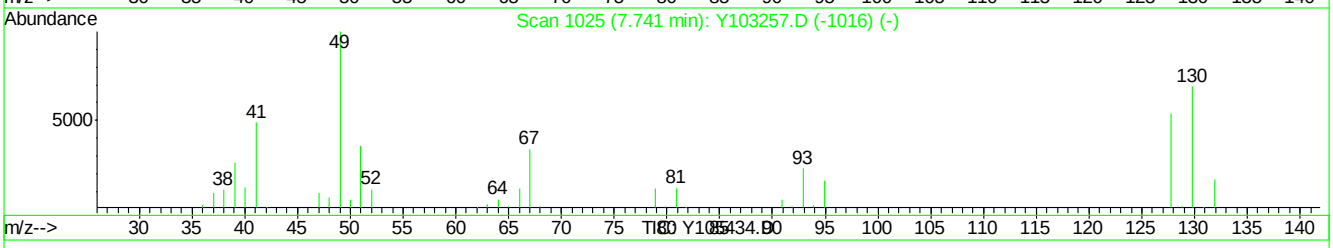
Data File : C:\MSDChem\1\DATA\Y105434.D Vial: 2
Acq On : 8 Nov 2010 10:46 am Operator: alexm1
Sample : IC4490-10 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:12 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(56) methacrylonitrile (M)

7.79min 2.29ug/L

response 1262

Ion	Exp%	Act%
67.00	100	100
41.00	153.70	153.68
39.00	77.40	83.88
52.00	36.40	39.34

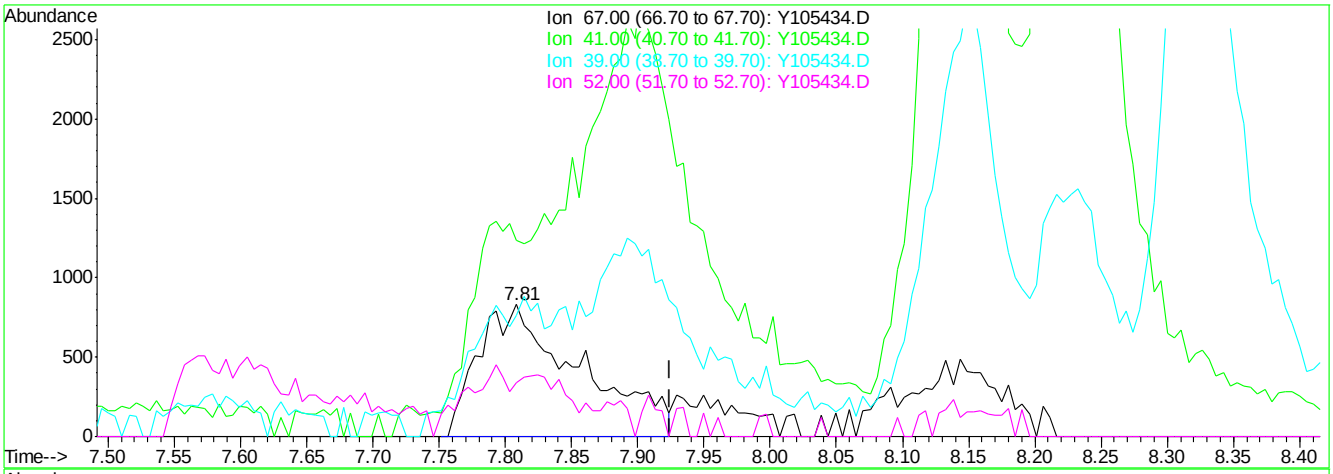
Y105434.D MYS4490.M Tue Nov 09 10:59:59 2010 RPT1

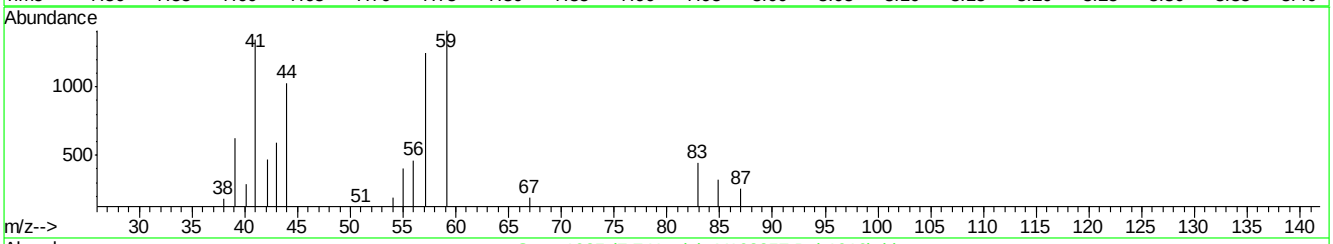
Quantitation Report (Qedit)

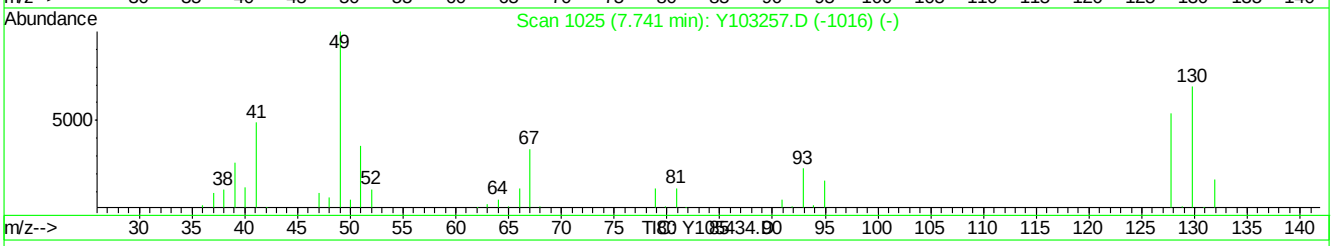
Data File : C:\MSDChem\1\DATA\Y105434.D Vial: 2
Acq On : 8 Nov 2010 10:46 am Operator: alexm1
Sample : IC4490-10 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:12 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(56) methacrylonitrile (M)

7.81min 8.02ug/L m

response 4424

Ion	Exp%	Act%
67.00	100	100
41.00	153.70	148.68
39.00	77.40	91.59
52.00	36.40	40.99

Y105434.D MYS4490.M Tue Nov 09 11:00:13 2010 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/15/10 15:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105435.D
Acq On : 8 Nov 2010 11:15 am
Operator : alexm1
Sample : IC4490-5
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 12:46:58 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.586	65	65586	500.00	ug/L		0.02
4) pentafluorobenzene	8.091	168	165494	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	232080	50.00	ug/L		0.00
92) chlorobenzene-d5	12.490	117	210475	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.922	152	106090	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.091	113	7546	4.75	ug/L		0.02
Spiked Amount 50.000	Range 67 - 127		Recovery = 9.50%#				
54) 1,2-dichloroethane-d4 (s)	8.567	65	9751	5.00	ug/L		0.04
Spiked Amount 50.000	Range 65 - 132		Recovery = 10.00%#				
84) toluene-d8 (s)	10.879	98	30935	4.59	ug/L		0.03
Spiked Amount 50.000	Range 74 - 129		Recovery = 9.18%#				
109) 4-bromofluorobenzene (s)	13.771	95	12585	4.78	ug/L		0.02
Spiked Amount 50.000	Range 62 - 138		Recovery = 9.56%#				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.753	59	4229	20.12	ug/L		87
3) 1,4-dioxane	9.927	88	1131	137.14	ug/L	#	1
10) chlorodifluoromethane	2.521	51	10635	4.16	ug/L		92
11) dichlorodifluoromethane	2.526	85	13057	4.17	ug/L		94
12) chloromethane	2.699	50	14362	4.24	ug/L		98
15) vinyl chloride	2.882	62	10809	4.28	ug/L		98
16) Acetaldehyde	3.133	44	4985m	67.29	ug/L		
17) bromomethane	3.368	94	7529	4.61	ug/L		96
18) chloroethane	3.525	64	6747	4.36	ug/L		97
20) trichlorofluoromethane	3.938	101	12645	4.29	ug/L		97
21) Pentane	3.996	43	19214	4.41	ug/L	#	91
22) ethyl ether	4.352	74	4864	4.36	ug/L		92
26) acrolein	4.613	56	12199	40.78	ug/L		89
27) 1,1-dichloroethene	4.723	96	7097	4.46	ug/L		84
29) allyl chloride	5.303	78	1258	3.81	ug/L	#	40
31) iodomethane	4.984	142	13183	4.52	ug/L		94
33) carbon disulfide	5.105	76	25127	4.41	ug/L		94
34) methylene chloride	5.502	84	8465	4.56	ug/L		96
35) methyl acetate	5.424	43	3856m	4.42	ug/L		
36) methyl tert butyl ether	5.894	73	24265	4.60	ug/L		97
37) trans-1,2-dichloroethene	5.926	96	7992	4.59	ug/L		94
38) di-isopropyl ether	6.595	45	28687	4.33	ug/L		97
40) 1,1-dichloroethane	6.543	63	15022	4.42	ug/L		99
41) chloroprene	6.684	53	11471	4.56	ug/L		94
42) acrylonitrile	5.994	53	10839	17.92	ug/L		82
44) ethyl tert-butyl ether	7.134	59	28262	4.52	ug/L		96
46) 2,2-dichloropropane	7.380	77	12649	4.47	ug/L		92
47) cis-1,2-dichloroethene	7.427	96	8549	4.36	ug/L		86
48) propionitrile	7.641	54	8405	37.40	ug/L		96
49) bromochloromethane	7.762	128	3961	4.47	ug/L		96
51) chloroform	7.856	83	13937	4.59	ug/L		92
52) tert-butyl formate	7.919	59	6492	4.26	ug/L	#	92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105435.D
Acq On : 8 Nov 2010 11:15 am
Operator : alexm1
Sample : IC4490-5
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 12:46:58 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) freon 113	4.718	151	5825	4.03	ug/L		83
57) 1,1,1-trichloroethane	8.086	97	12334	4.53	ug/L		75
58) Cyclohexane	8.149	84	17501	5.48	ug/L		90
60) epichlorohydrin	10.523	57	2256	13.24	ug/L		56
61) n-butyl alcohol	8.232	56	16117	205.90	ug/L		96
62) carbon tetrachloride	8.316	117	11091	4.55	ug/L		98
63) 1,1-dichloropropene	8.332	75	11440	4.60	ug/L		99
64) hexane	6.266	86	1883	3.99	ug/L	#	67
66) benzene	8.604	78	32715	4.59	ug/L		96
67) 2,2,4-trimethylpentane	8.635	57	33917	4.55	ug/L	#	56
68) tert-amyl methyl ether	8.714	73	23492	4.55	ug/L		91
69) heptane	8.881	57	7363	4.52	ug/L		92
70) isopropyl acetate	8.698	61	3548m	4.03	ug/L		
71) 1,2-dichloroethane	8.661	62	10320	4.75	ug/L		96
73) trichloroethene	9.441	95	8197	4.65	ug/L		94
75) 2-nitropropane	10.356	41	1906	4.55	ug/L	#	62
76) 2-chloroethyl vinyl ether	10.403	63	15800	19.22	ug/L		98
77) ethyl acrylate	9.629	55	13518	4.96	ug/L	#	88
78) methyl methacrylate	9.922	69	5002m	4.16	ug/L		
79) 1,2-dichloropropane	9.713	63	8935	4.71	ug/L		98
80) dibromomethane	9.901	93	4383	4.59	ug/L		91
81) methylcyclohexane	9.629	83	14833	4.52	ug/L		96
82) bromodichloromethane	10.058	83	10914	4.71	ug/L		97
83) cis-1,3-dichloropropene	10.581	75	14281	4.48	ug/L		96
85) 4-methyl-2-pentanone	10.769	58	3177m	4.70	ug/L		
86) toluene	10.957	92	20794	4.64	ug/L		96
87) 3-methyl-1-butanol	10.884	55	5025	104.61	ug/L	#	1
88) trans-1,3-dichloropropene	11.235	75	12129	4.39	ug/L		88
89) ethyl methacrylate	11.303	69	9604	4.24	ug/L		92
90) 1,1,2-trichloroethane	11.418	83	5628	4.46	ug/L		92
91) 2-hexanone	11.768	58	4140	3.97	ug/L		85
93) tetrachloroethene	11.569	164	7645	4.61	ug/L		97
94) 1,3-dichloropropane	11.611	76	12270	4.69	ug/L		96
95) butyl acetate	11.831	56	2740m	4.58	ug/L		
96) 3,3-dimethyl-1-butanol	11.909	57	7450	43.88	ug/L	#	98
97) dibromochloromethane	11.878	129	7921	4.64	ug/L		97
98) 1,2-dibromoethane	12.035	107	6643	3.76	ug/L		91
99) chlorobenzene	12.537	112	23373	4.65	ug/L		92
101) 1,1,1,2-tetrachloroethane	12.600	131	8649	4.76	ug/L		95
102) ethylbenzene	12.621	91	39757	4.72	ug/L		99
103) m,p-xylene	12.746	106	30974	9.46	ug/L		98
104) o-xylene	13.180	106	15708	4.67	ug/L		99
105) styrene	13.222	104	25989	4.72	ug/L		95
106) bromoform	13.447	173	5232	4.30	ug/L		91
108) isopropylbenzene	13.552	105	41437	4.59	ug/L		97
110) cyclohexanone	13.708	55	23062	4.47	ug/L		98
111) bromobenzene	13.949	156	10716	4.76	ug/L		92
112) 1,1,2,2-tetrachloroethane	13.892	83	9453	4.58	ug/L		99
113) trans-1,4-dichloro-2-b...	13.965	53	2303	3.94	ug/L	#	73
114) 1,2,3-trichloropropane	13.954	110	2580	4.61	ug/L	#	78

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105435.D
Acq On : 8 Nov 2010 11:15 am
Operator : alexm1
Sample : IC4490-5
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 12:46:58 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

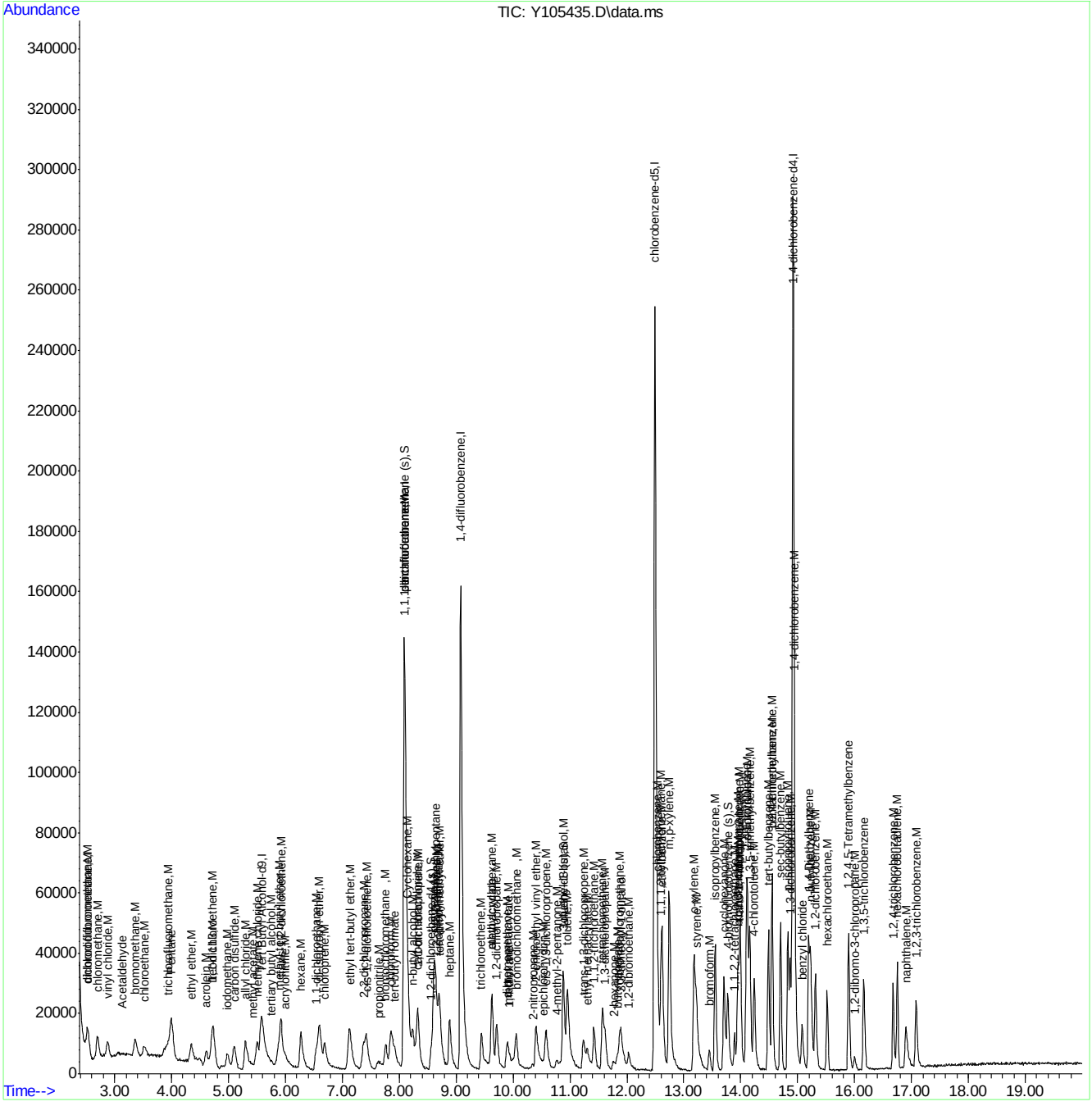
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115) n-propylbenzene	13.991	91	48563	4.72	ug/L	99
116) 4-Ethyltoluene	14.106	105	38082	4.58	ug/L	91
117) 2-chlorotoluene	14.122	126	9726	4.57	ug/L	92
118) 4-chlorotoluene	14.232	91	29771	4.62	ug/L	98
119) 1,3,5-trimethylbenzene	14.158	105	38749	4.87	ug/L	96
120) tert-butylbenzene	14.488	119	29867	4.60	ug/L	97
121) pentachloroethane	14.551	167	6442	4.55	ug/L	93
122) 1,2,4-trimethylbenzene	14.545	105	35372	4.71	ug/L	97
123) sec-butylbenzene	14.702	105	44509	4.43	ug/L	98
124) 1,3-dichlorobenzene	14.870	146	19214	4.65	ug/L	95
125) p-isopropyltoluene	14.833	119	37738	4.51	ug/L	99
126) 1,4-dichlorobenzene	14.943	146	22566	4.77	ug/L	98
127) 1,2-dichlorobenzene	15.314	146	19781	4.74	ug/L	99
128) benzyl chloride	15.079	91	17791	4.14	ug/L	97
129) 1,4-Diethylbenzene	15.194	119	22842	4.47	ug/L	99
130) n-butylbenzene	15.225	92	19471	4.54	ug/L	97
131) 1,2,4,5-Tetramethylben...	15.895	119	35196	4.52	ug/L	99
132) 1,2-dibromo-3-chloropr...	16.010	75	1641	4.21	ug/L	82
133) 1,3,5-trichlorobenzene	16.161	180	16909	4.59	ug/L	97
134) 1,2,4-trichlorobenzene	16.679	180	14146	4.44	ug/L	98
135) hexachlorobutadiene	16.753	225	8885	4.73	ug/L	95
136) naphthalene	16.904	128	26124	4.47	ug/L	97
137) 1,2,3-trichlorobenzene	17.087	180	12305	4.42	ug/L	94
138) hexachloroethane	15.518	201	5787	4.19	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105435.D
Acq On : 8 Nov 2010 11:15 am
Operator : alexm1
Sample : IC4490-5
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 12:46:58 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: VY4490-IC4490 **Method:** SW846 8260B
Lab FileID: Y105435.D **Analyst approved:** 11/15/10 13:50 Ho Joong Kim
Injection Time: 11/08/10 11:15 **Supervisor approved:** 11/15/10 15:35 Kanya Veerawat

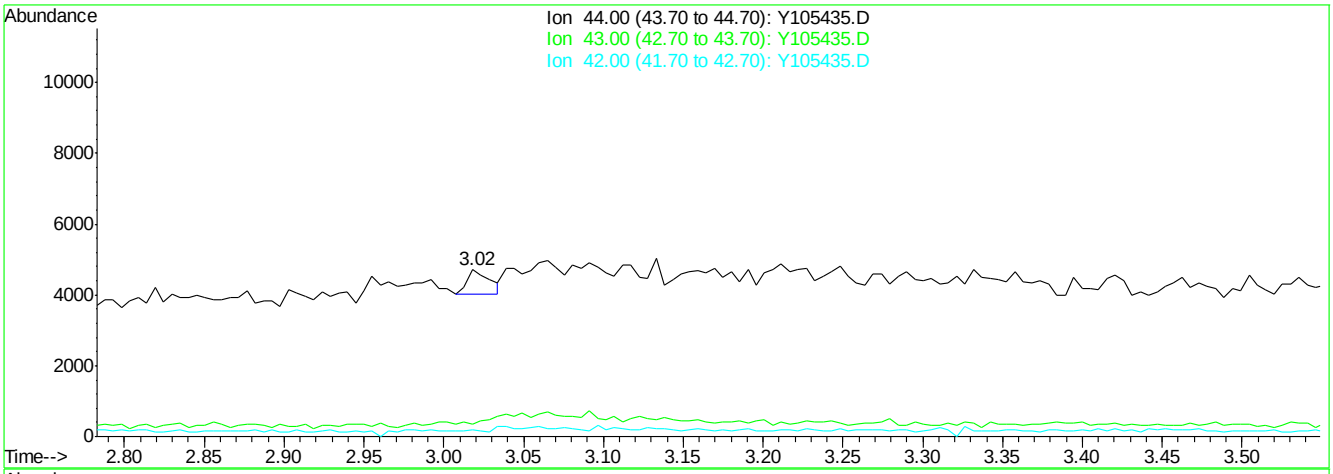
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetaldehyde	75-07-0		3.13	Poorly defined baseline
Methyl Acetate	79-20-9		5.42	Poorly defined baseline
Isopropyl Acetate	108-21-4		8.70	Poor instrument integration
Methyl methacrylate	80-62-6		9.92	Poor instrument integration
4-Methyl-2-pentanone(MIBK)	108-10-1		10.77	Baseline ripple
Butyl Acetate	123-86-4		11.83	Split peak

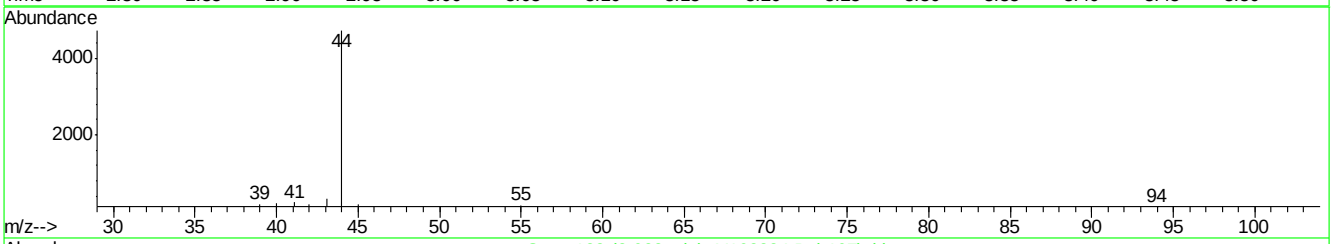
Quantitation Report (Qedit)

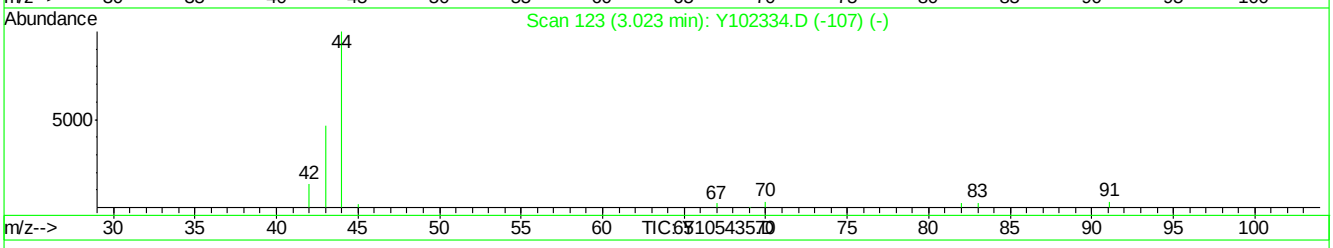
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(16) Acetaldehyde

3.02min 9.34ug/L

response 692

Ion	Exp%	Act%
44.00	100	100
43.00	57.70	0.00#
42.00	17.10	73.70#
0.00	0.00	0.00

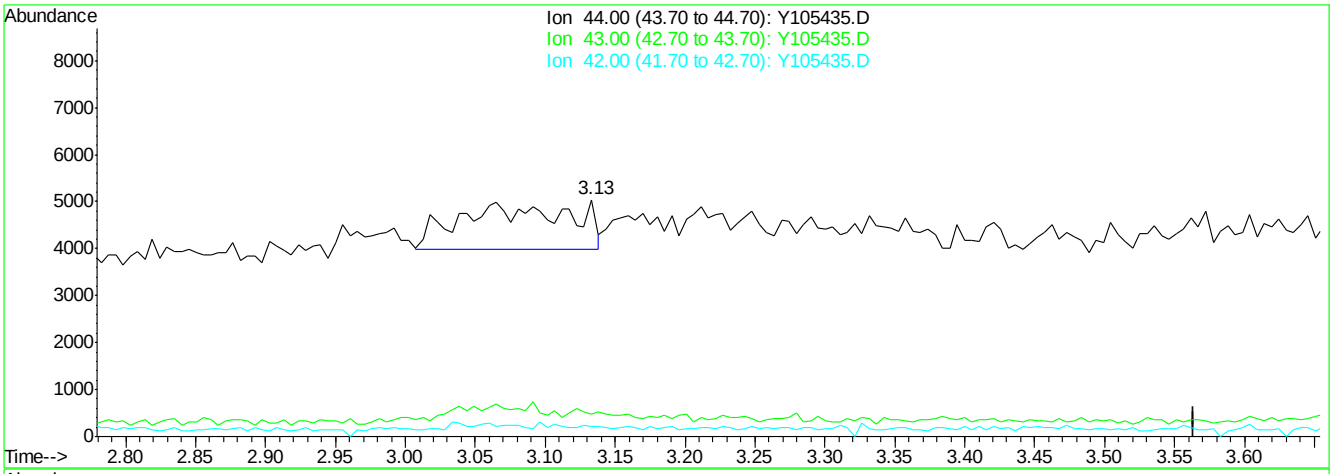
Y105435.D MYS4490.M Tue Nov 09 11:02:47 2010 RPT1

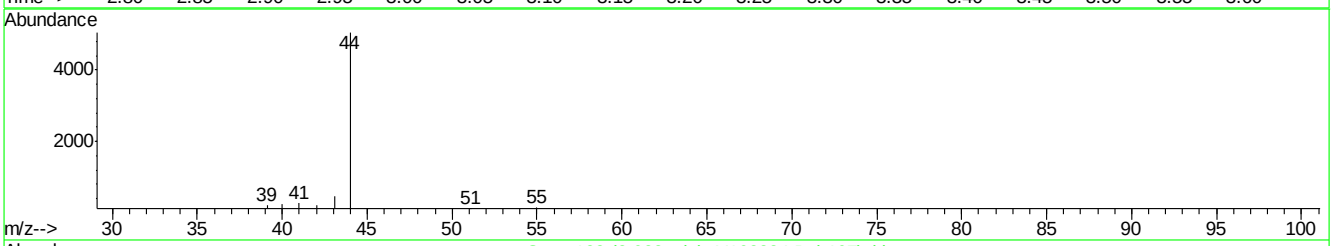
Quantitation Report (Qedit)

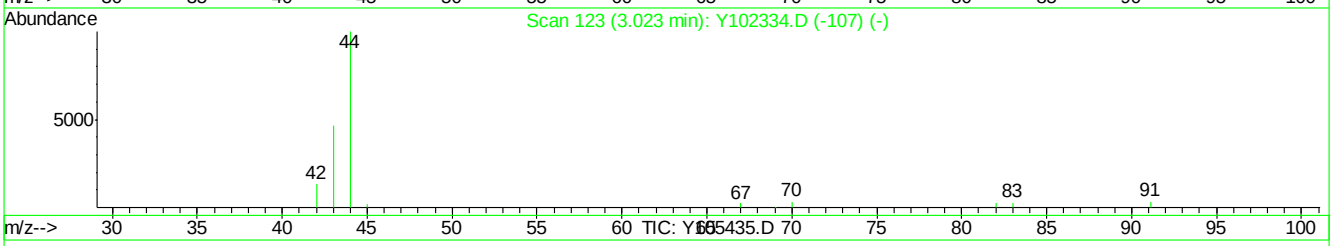
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(16) Acetaldehyde

3.13min 73.31ug/L m

response 5431

Ion	Exp%	Act%
44.00	100	100
43.00	57.70	0.00#
42.00	17.10	9.39#
0.00	0.00	0.00

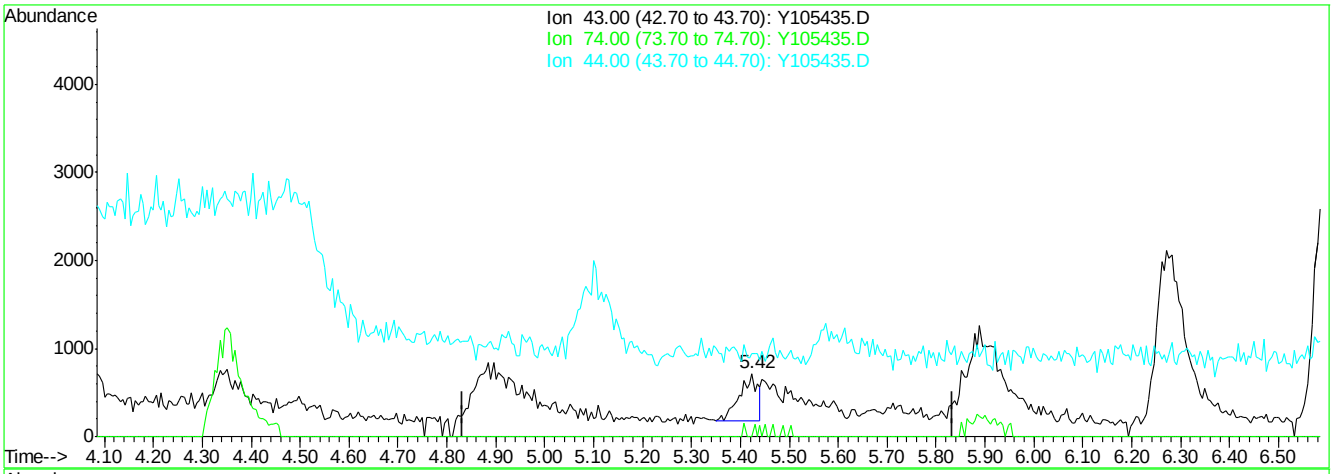
Y105435.D MYS4490.M Tue Nov 09 11:04:31 2010 RPT1

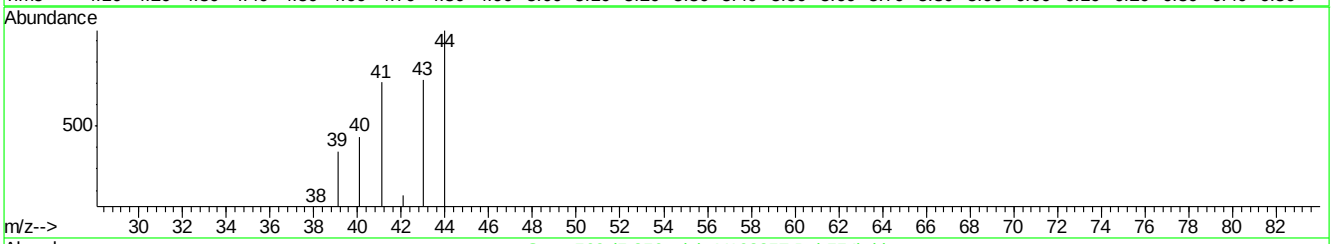
Quantitation Report (Qedit)

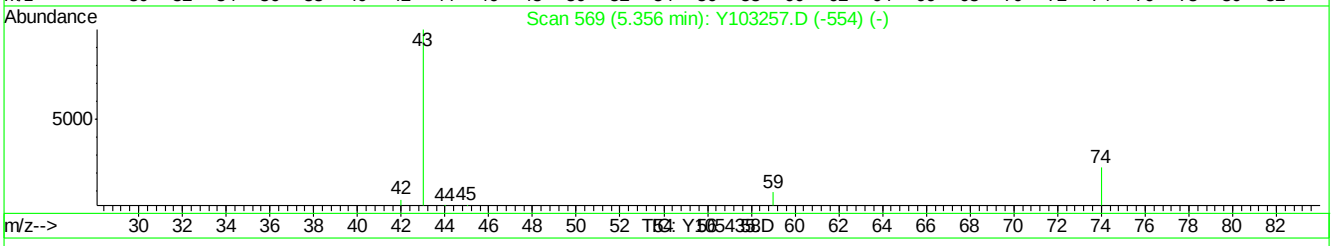
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(35) methyl acetate (M)

5.42min 2.56ug/L

response 1362

Ion	Exp%	Act%
43.00	100	100
74.00	23.00	0.00
44.00	2.80	16.04
0.00	0.00	0.00

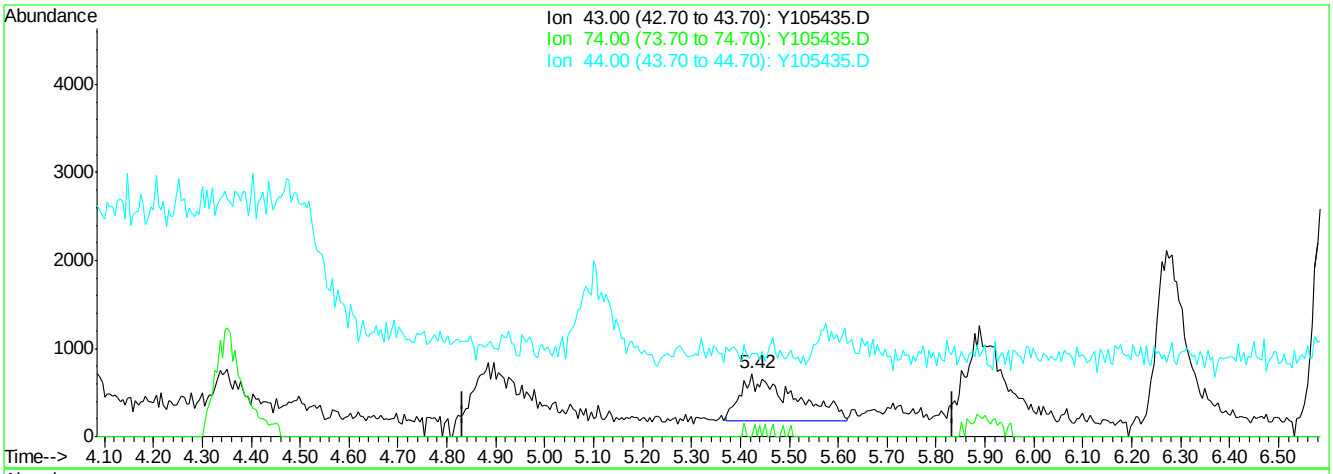
Y105435.D MYS4490.M Tue Nov 09 11:05:11 2010 RPT1

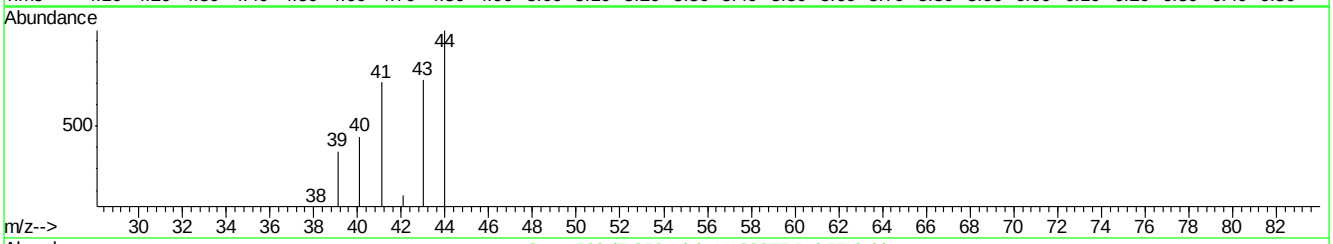
Quantitation Report (Qedit)

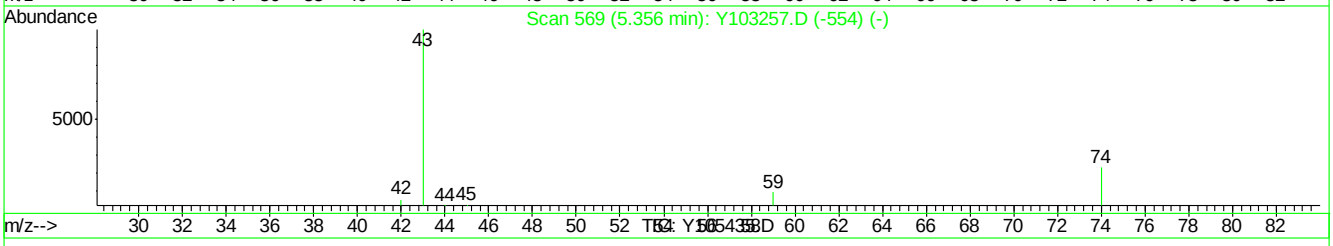
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(35) methyl acetate (M)

5.42min 4.42ug/L m

response 3856

Ion	Exp%	Act%
43.00	100	100
74.00	23.00	0.00
44.00	2.80	132.45#
0.00	0.00	0.00

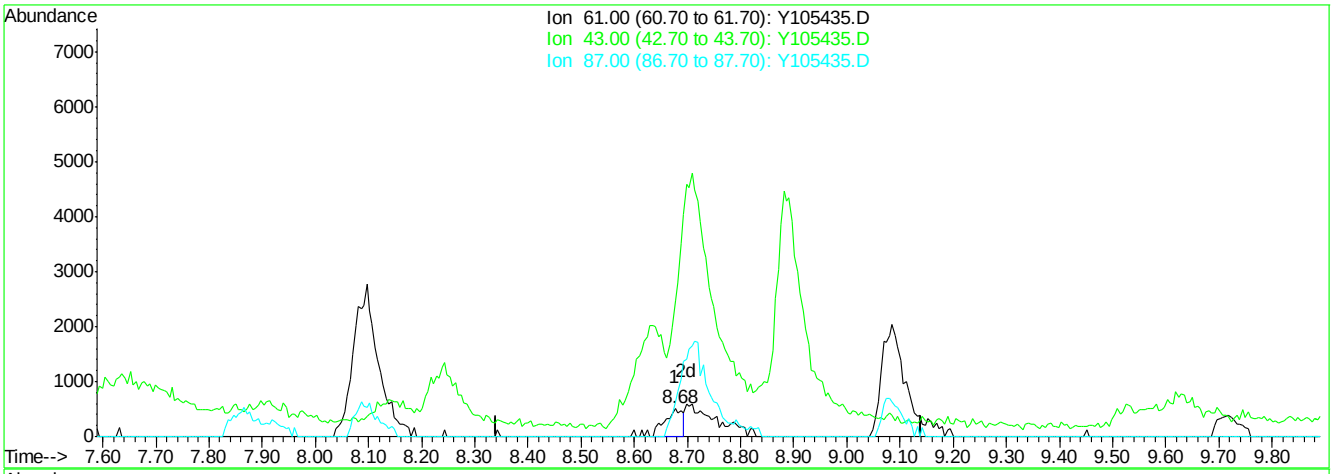
Y105435.D MYS4490.M Tue Nov 09 11:05:18 2010 RPT1

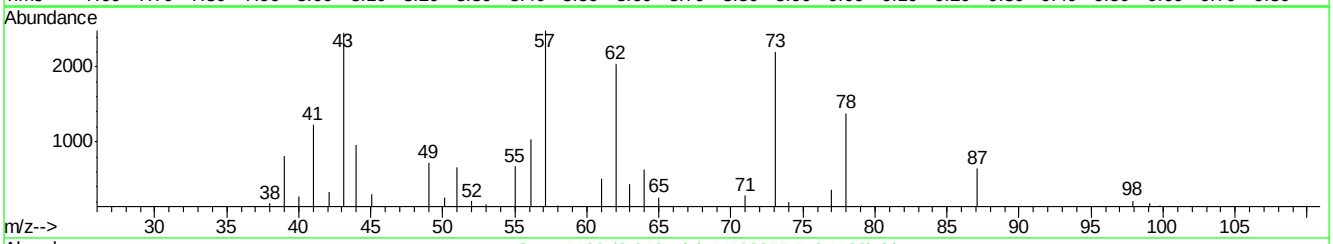
Quantitation Report (Qedit)

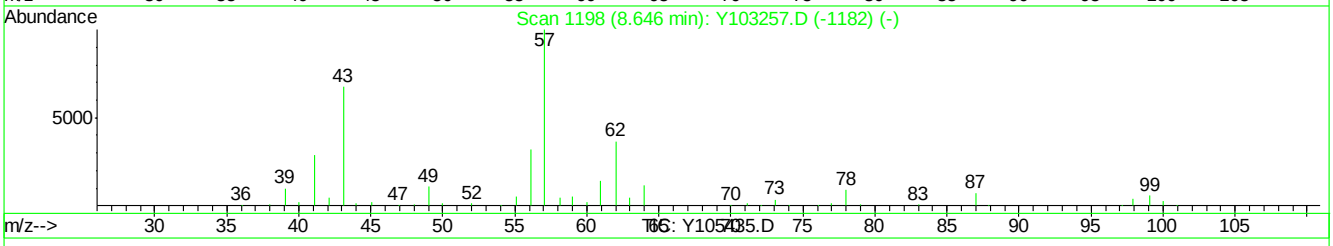
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(70) isopropyl acetate (M)

8.68min 1.35ug/L

response 1187

Ion	Exp%	Act%
61.00	100	100
43.00	499.60	85.71#
87.00	50.60	125.24#
0.00	0.00	0.00

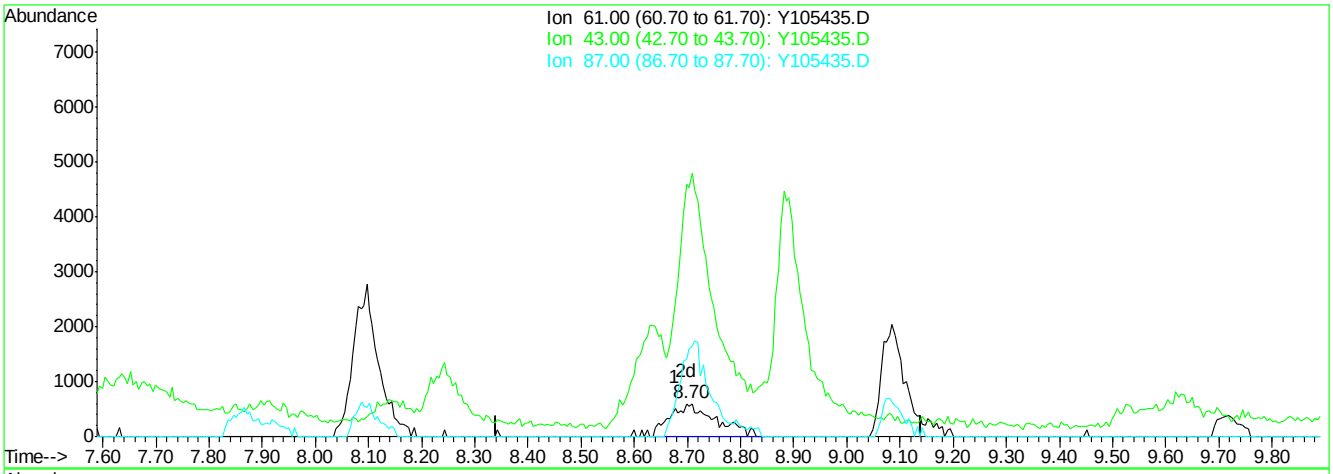
Y105435.D MYS4490.M Tue Nov 09 11:06:04 2010 RPT1

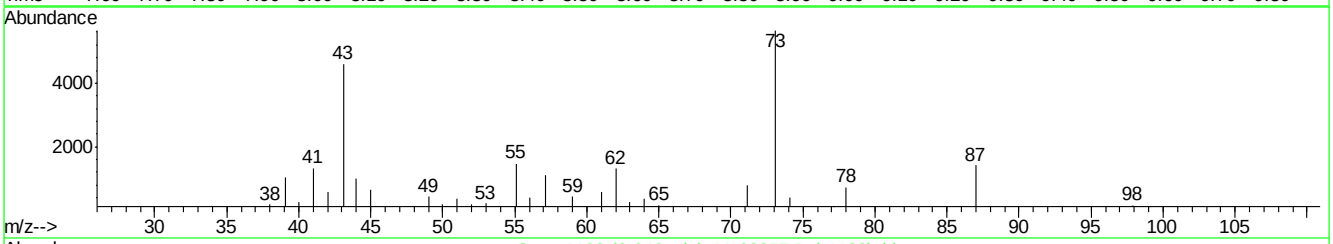
Quantitation Report (Qedit)

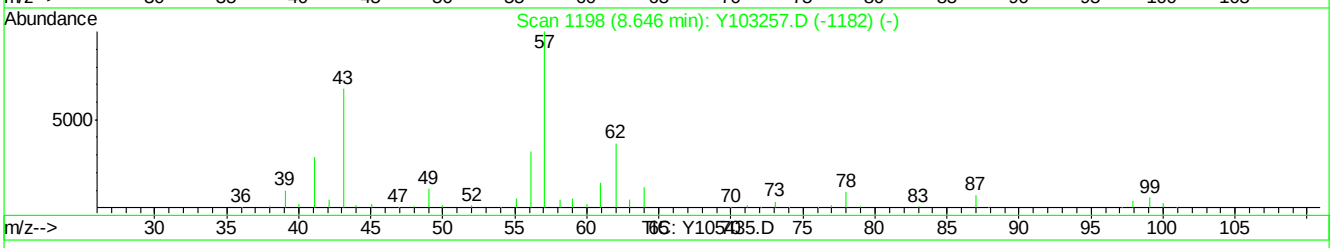
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(70) isopropyl acetate (M)

8.70min 4.03ug/L m

response 3548

Ion	Exp%	Act%
61.00	100	100
43.00	499.60	767.11#
87.00	50.60	235.73#
0.00	0.00	0.00

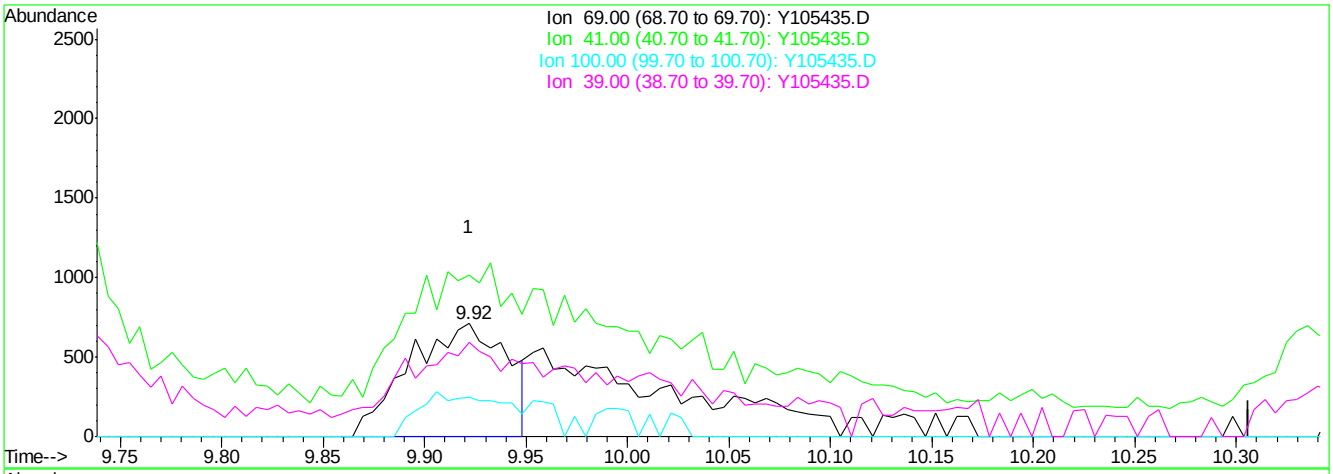
Y105435.D MYS4490.M Tue Nov 09 11:06:10 2010 RPT1

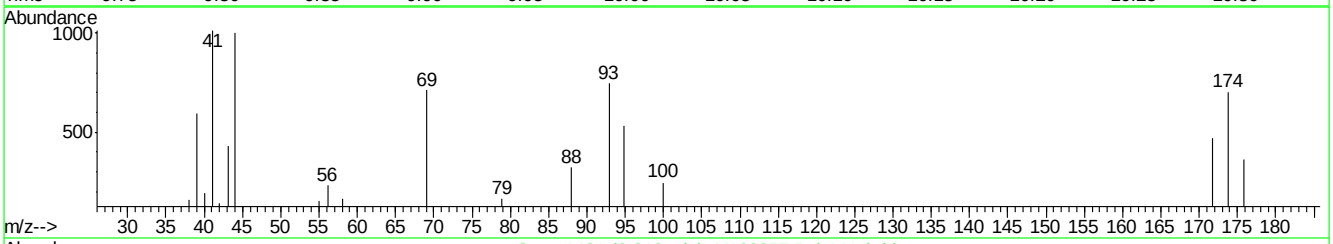
Quantitation Report (Qedit)

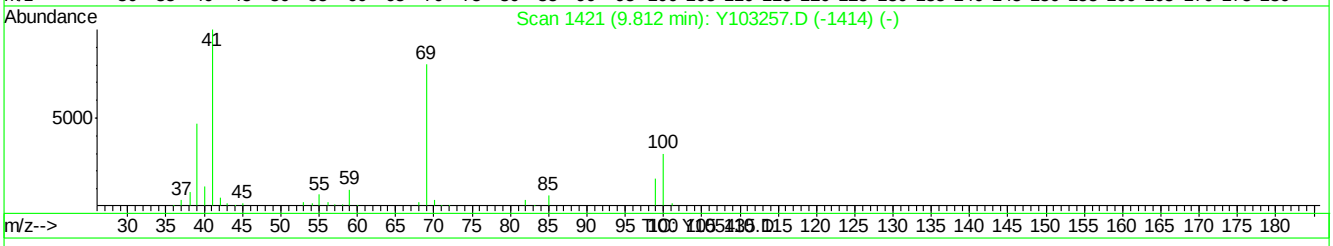
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(78) methyl methacrylate (M)

9.92min 1.98ug/L

response 2375

Ion	Exp%	Act%
69.00	100	100
41.00	139.30	106.89#
100.00	38.70	34.32
39.00	76.60	63.43

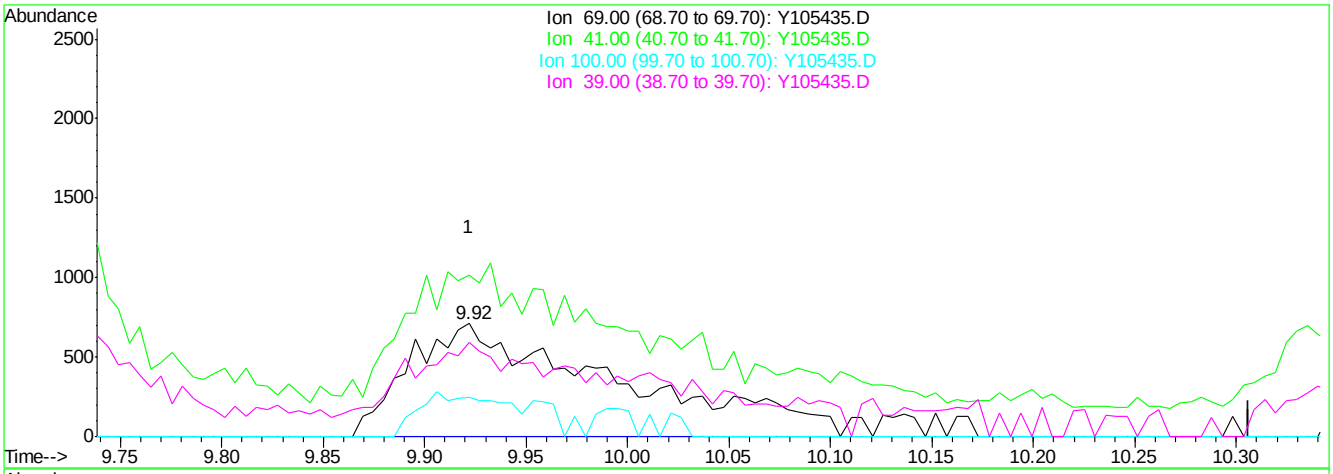
Y105435.D MYS4490.M Tue Nov 09 11:06:18 2010 RPT1

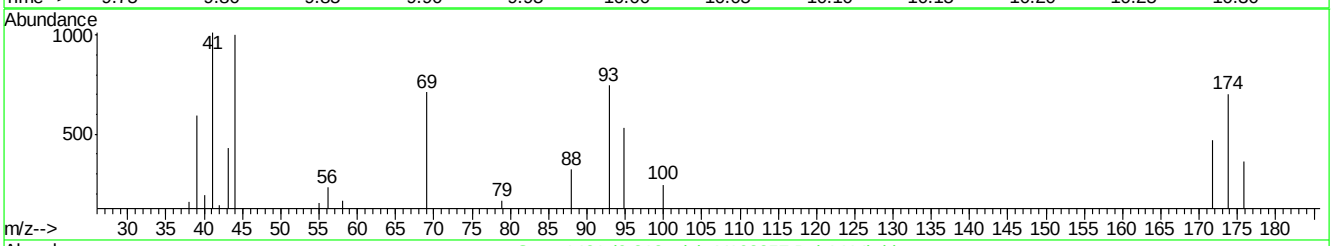
Quantitation Report (Qedit)

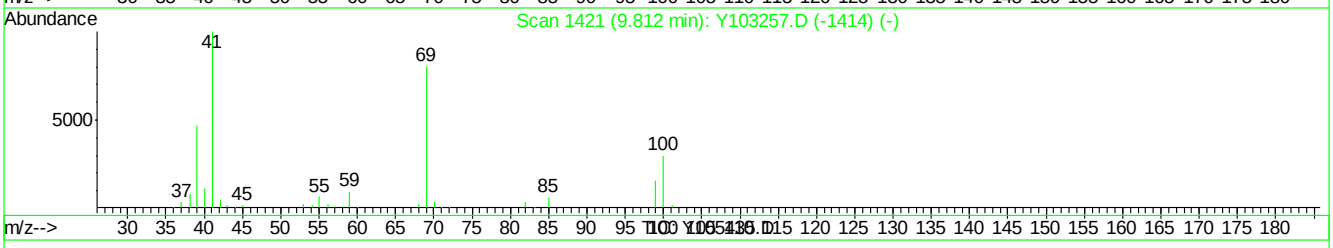
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(78) methyl methacrylate (M)

9.92min 4.16ug/L m

response 5002

Ion	Exp%	Act%
69.00	100	100
41.00	139.30	142.48
100.00	38.70	34.32
39.00	76.60	83.40

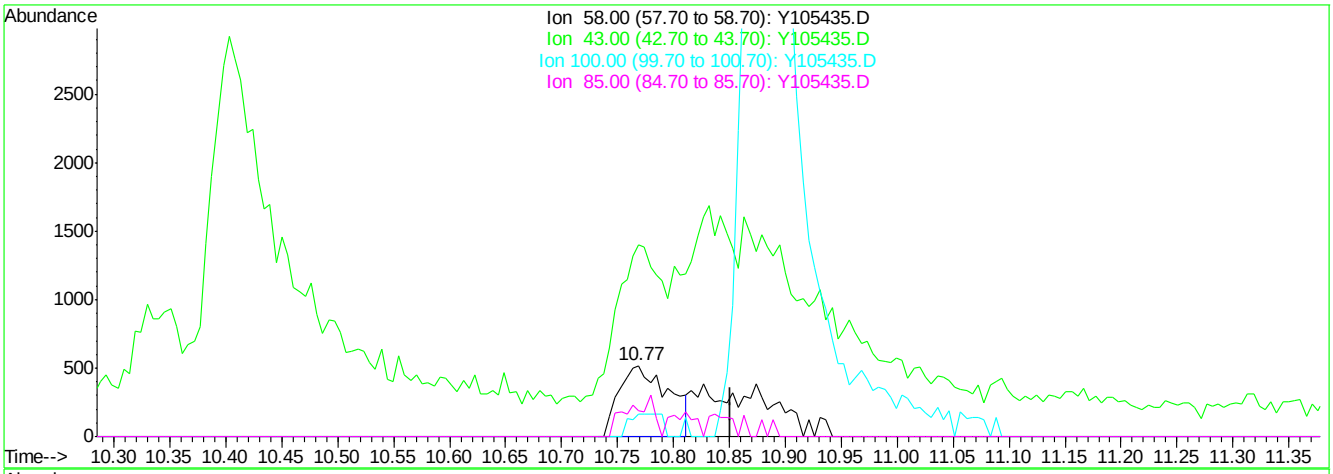
Y105435.D MYS4490.M Tue Nov 09 11:06:24 2010 RPT1

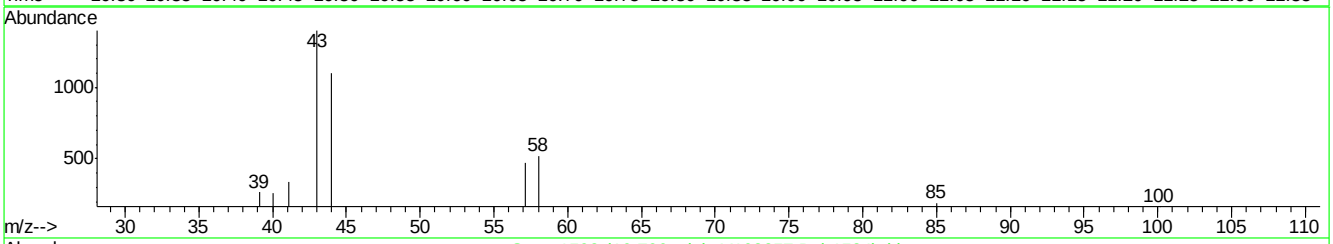
Quantitation Report (Qedit)

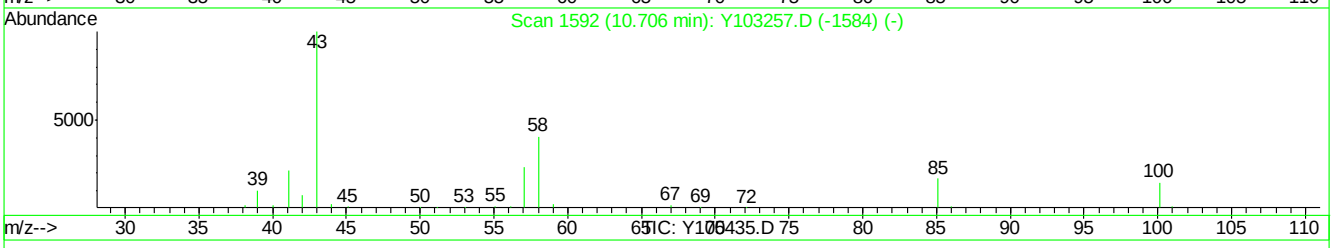
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(85) 4-methyl-2-pentanone (M)

10.77min 2.35ug/L

response 1589

Ion	Exp%	Act%
58.00	100	100
43.00	258.60	187.50
100.00	38.10	31.73
85.00	41.90	36.92

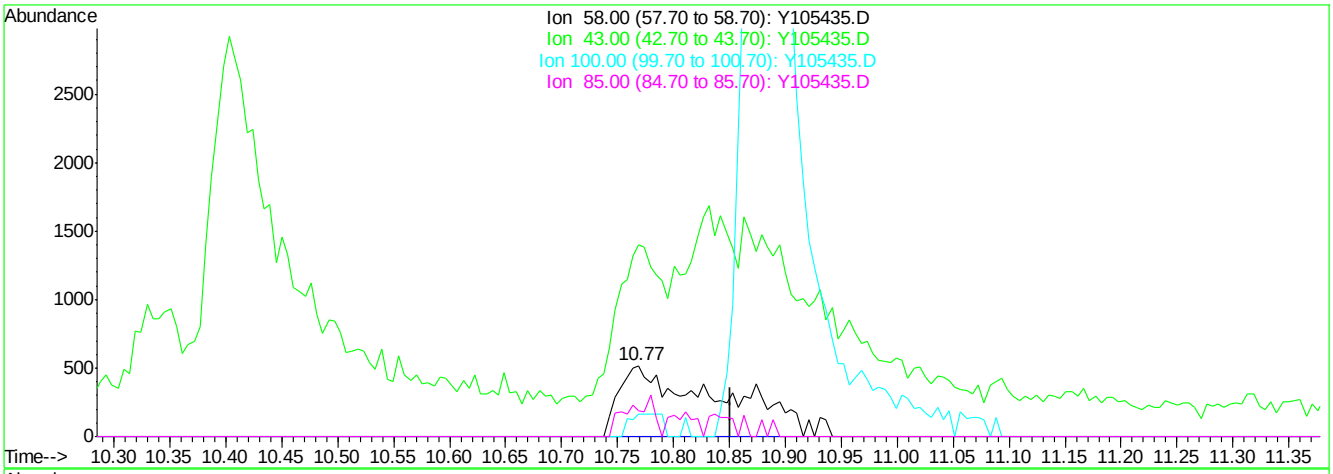
Y105435.D MYS4490.M Tue Nov 09 11:06:30 2010 RPT1

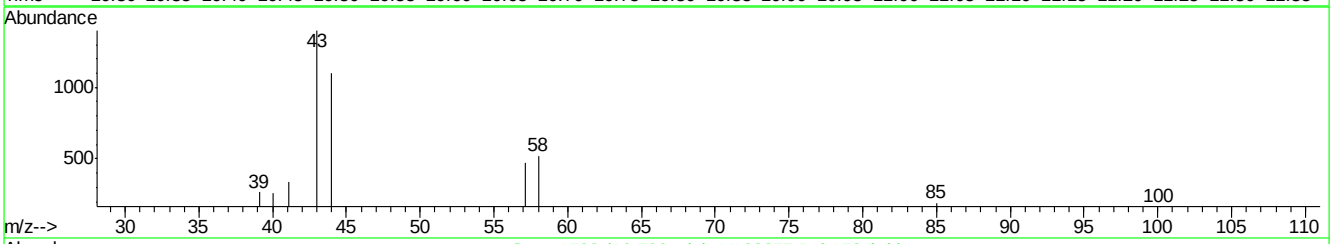
Quantitation Report (Qedit)

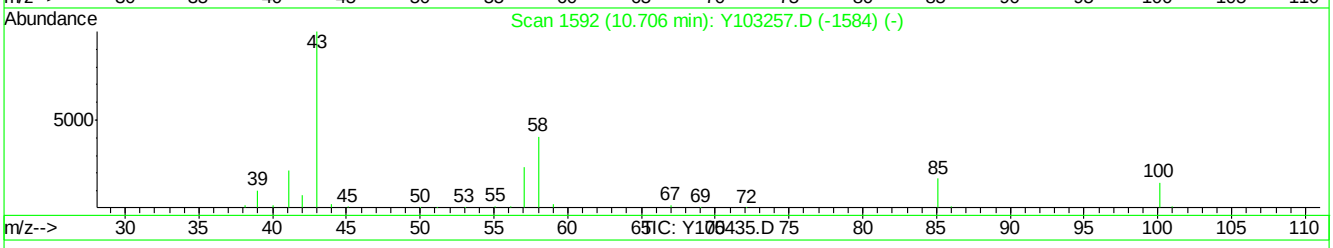
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(85) 4-methyl-2-pentanone (M)

10.77min 4.70ug/L m

response 3177

Ion	Exp%	Act%
58.00	100	100
43.00	258.60	268.85
100.00	38.10	31.73
85.00	41.90	36.92

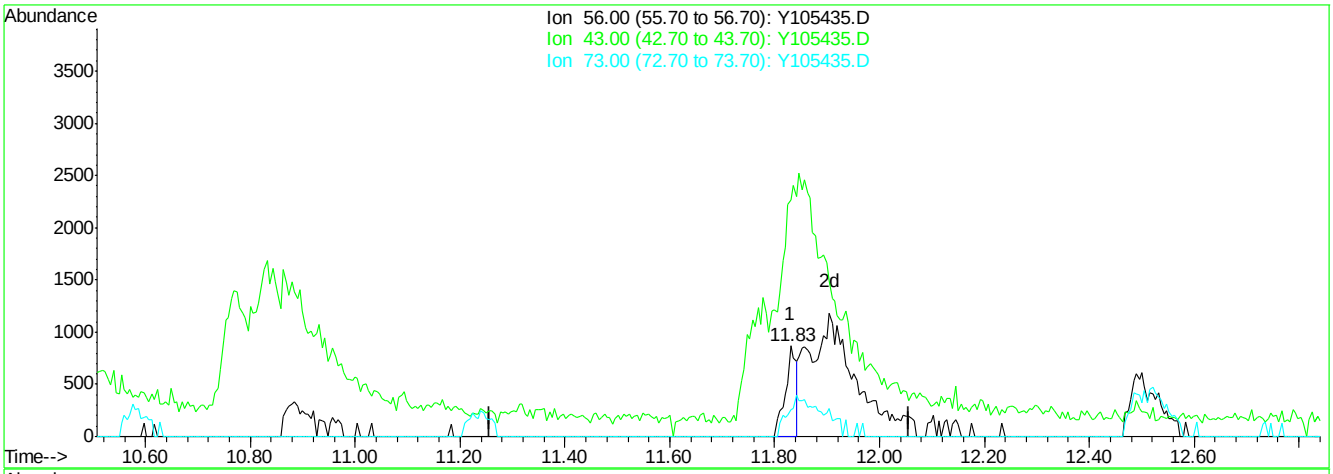
Y105435.D MYS4490.M Tue Nov 09 11:06:35 2010 RPT1

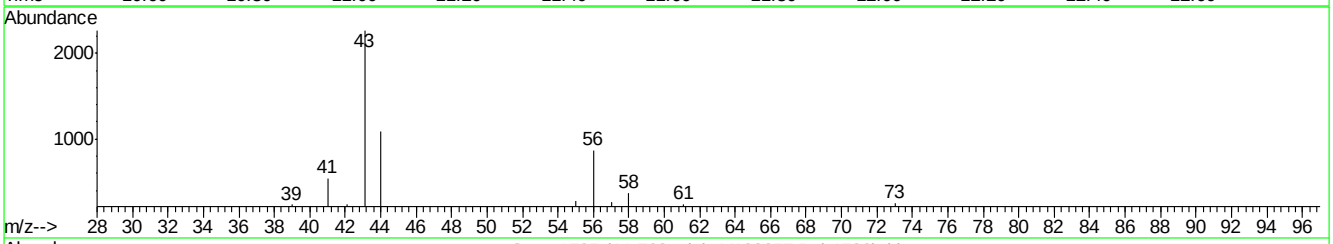
Quantitation Report (Qedit)

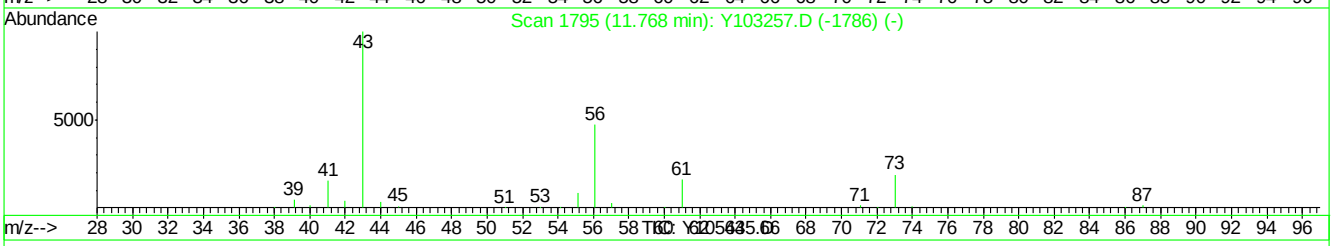
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(95) butyl acetate (M)

11.83min 3.27ug/L

response 1240

Ion	Exp%	Act%
56.00	100	100
43.00	223.40	121.52#
73.00	37.20	29.57
0.00	0.00	0.00

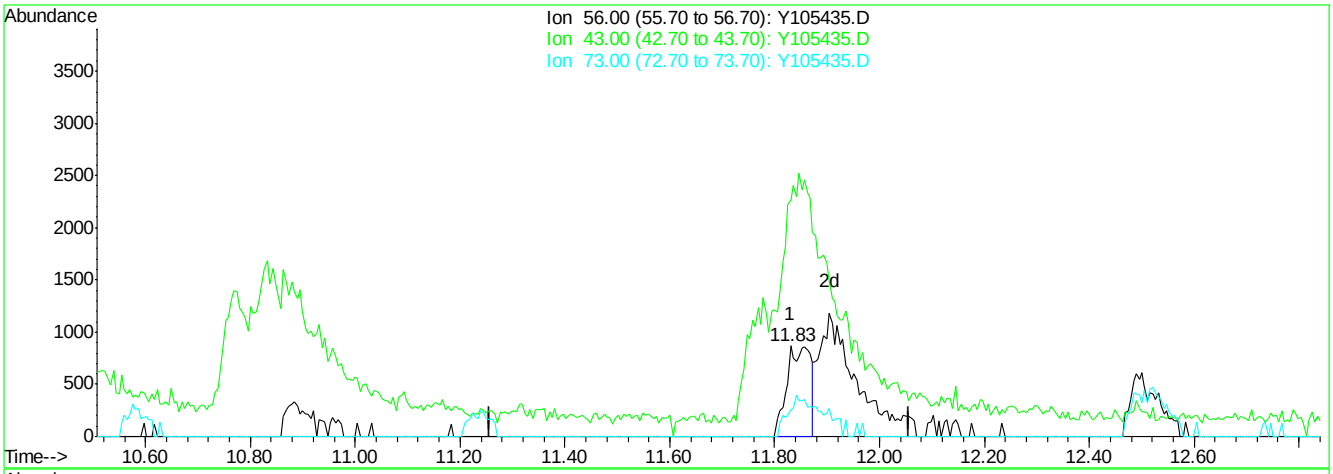
Y105435.D MYS4490.M Tue Nov 09 11:06:42 2010 RPT1

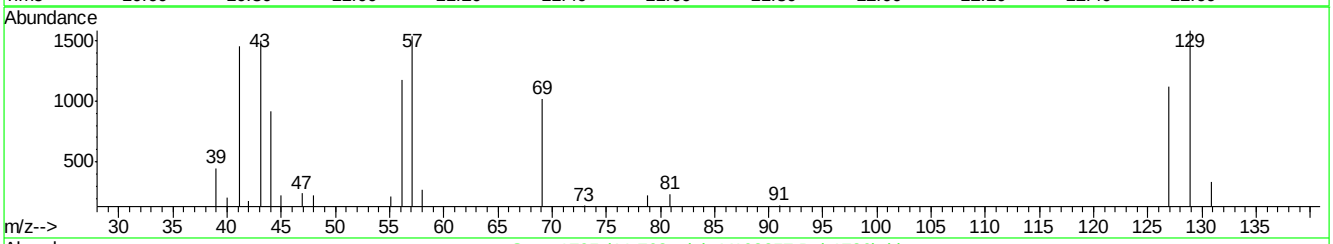
Quantitation Report (Qedit)

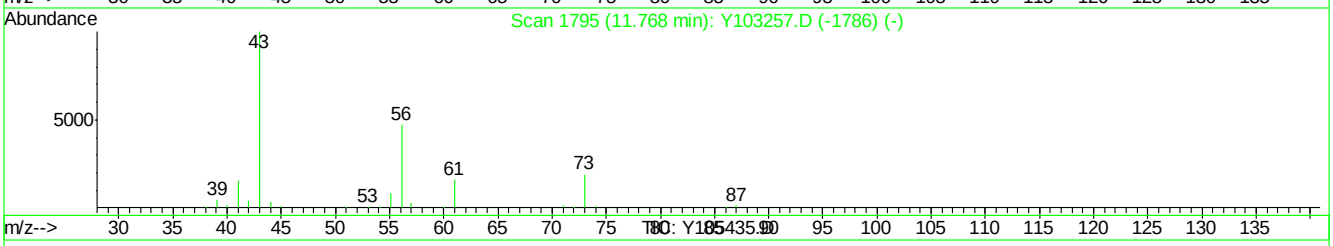
Data File : C:\MSDChem\1\DATA\Y105435.D Vial: 3
Acq On : 8 Nov 2010 11:15 am Operator: alexm1
Sample : IC4490-5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:18 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(95) butyl acetate (M)

11.83min 4.58ug/L m

response 2740

Ion	Exp%	Act%
56.00	100	100
43.00	223.40	260.53#
73.00	37.20	29.57
0.00	0.00	0.00

Y105435.D MYS4490.M Tue Nov 09 11:06:54 2010 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/12/10 20:37

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105436.D
Acq On : 8 Nov 2010 11:49 am
Operator : alexm1
Sample : IC4490-2
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 15:34:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.586	65	59424	500.00	ug/L		0.02
4) pentafluorobenzene	8.091	168	166560	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	231508	50.00	ug/L		0.00
92) chlorobenzene-d5	12.490	117	212164	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.922	152	103411	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.096	113	2923	1.83	ug/L		0.03
Spiked Amount 50.000	Range 67 - 127		Recovery = 3.66%#				
54) 1,2-dichloroethane-d4 (s)	8.588	65	3603	1.83	ug/L		0.06
Spiked Amount 50.000	Range 65 - 132		Recovery = 3.66%#				
84) toluene-d8 (s)	10.895	98	11558	1.72	ug/L		0.05
Spiked Amount 50.000	Range 74 - 129		Recovery = 3.44%#				
109) 4-bromofluorobenzene (s)	13.792	95	5524	2.15	ug/L		0.04
Spiked Amount 50.000	Range 62 - 138		Recovery = 4.30%#				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.706	59	1418	7.45	ug/L		91
10) chlorodifluoromethane	2.521	51	4591	1.79	ug/L		79
11) dichlorodifluoromethane	2.521	85	5977	1.90	ug/L		86
12) chloromethane	2.688	50	6900	2.02	ug/L		94
15) vinyl chloride	2.882	62	5115	2.01	ug/L		98
16) Acetaldehyde	3.060	44	7475	100.26	ug/L	#	91
17) bromomethane	3.363	94	3945	2.40	ug/L		95
18) chloroethane	3.515	64	2957	1.90	ug/L		93
20) trichlorofluoromethane	3.917	101	5791	1.95	ug/L		86
21) Pentane	3.991	43	6605	1.51	ug/L	#	83
22) ethyl ether	4.341	74	2222	1.98	ug/L	#	76
26) acrolein	4.566	56	557301	1850.86	ug/L		99
27) 1,1-dichloroethene	4.728	96	3049	1.91	ug/L		96
28) acetone	4.880	58	1167	3.37	ug/L	#	30
31) iodomethane	4.984	142	5679	1.93	ug/L		91
33) carbon disulfide	5.094	76	11089	1.94	ug/L		89
34) methylene chloride	5.507	84	3795	2.03	ug/L		79
36) methyl tert butyl ether	5.905	73	9804	1.85	ug/L		95
37) trans-1,2-dichloroethene	5.926	96	3316	1.89	ug/L		84
38) di-isopropyl ether	6.622	45	11605	1.74	ug/L		95
40) 1,1-dichloroethane	6.554	63	6609	1.93	ug/L		100
41) chloroprene	6.700	53	4489	1.77	ug/L		94
44) ethyl tert-butyl ether	7.129	59	10770	1.71	ug/L		94
46) 2,2-dichloropropane	7.380	77	5486	1.93	ug/L		94
47) cis-1,2-dichloroethene	7.437	96	3592	1.82	ug/L	#	79
49) bromochloromethane	7.777	128	1536	1.72	ug/L	#	63
51) chloroform	7.861	83	6098	2.00	ug/L		96
52) tert-butyl formate	7.924	59	2361	1.54	ug/L	#	75
55) freon 113	4.723	151	2108	1.45	ug/L	#	74
57) 1,1,1-trichloroethane	8.091	97	5722	2.09	ug/L	#	8
58) Cyclohexane	8.138	84	10254	3.19	ug/L		91
60) epichlorohydrin	10.560	57	947	5.57	ug/L		61

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105436.D
Acq On : 8 Nov 2010 11:49 am
Operator : alexm1
Sample : IC4490-2
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 15:34:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) n-butyl alcohol	8.243	56	7837	100.37	ug/L		83
62) carbon tetrachloride	8.306	117	5136	2.11	ug/L		89
63) 1,1-dichloropropene	8.337	75	5323	2.15	ug/L		94
66) benzene	8.614	78	14319	2.01	ug/L		99
67) 2,2,4-trimethylpentane	8.630	57	12895	1.74	ug/L	#	60
68) tert-amyl methyl ether	8.714	73	9900	1.92	ug/L		99
69) heptane	8.891	57	2680	1.65	ug/L		90
71) 1,2-dichloroethane	8.687	62	4052	1.87	ug/L		88
73) trichloroethene	9.446	95	3561	2.03	ug/L		89
75) 2-nitropropane	10.356	41	1273	3.05	ug/L	#	35
76) 2-chloroethyl vinyl ether	10.450	63	5372	6.55	ug/L		91
77) ethyl acrylate	9.634	55	4807	1.77	ug/L	#	88
78) methyl methacrylate	9.629	69	1148	0.96	ug/L	#	43
79) 1,2-dichloropropane	9.723	63	3607	1.91	ug/L		96
80) dibromomethane	9.906	93	1630	1.71	ug/L		96
81) methylcyclohexane	9.634	83	5438	1.66	ug/L		97
82) bromodichloromethane	10.068	83	4376	1.89	ug/L		93
83) cis-1,3-dichloropropene	10.602	75	5859	1.84	ug/L		84
86) toluene	10.973	92	8755	1.96	ug/L		97
87) 3-methyl-1-butanol	10.926	55	698	58.86	ug/L	#	44
88) trans-1,3-dichloropropene	11.256	75	4738	1.72	ug/L		83
89) ethyl methacrylate	11.350	69	3024	1.34	ug/L		83
90) 1,1,2-trichloroethane	11.444	83	2310	1.84	ug/L		83
91) 2-hexanone	11.852	58	900	0.87	ug/L	#	60
93) tetrachloroethene	11.585	164	3163	1.89	ug/L		92
94) 1,3-dichloropropane	11.622	76	5157	1.96	ug/L		94
95) butyl acetate	11.883	56	825	2.90	ug/L	#	14
96) 3,3-dimethyl-1-butanol	11.920	57	2110	12.33	ug/L	#	77
97) dibromochloromethane	11.888	129	2978	1.73	ug/L		93
98) 1,2-dibromoethane	12.051	107	2521	0.90	ug/L		86
99) chlorobenzene	12.532	112	10289	2.03	ug/L		92
101) 1,1,1,2-tetrachloroethane	12.605	131	3670	2.00	ug/L		96
102) ethylbenzene	12.631	91	17377	2.04	ug/L		98
103) m,p-xylene	12.757	106	11721	3.55	ug/L		99
104) o-xylene	13.196	106	6571	1.94	ug/L		93
105) styrene	13.248	104	10513	1.89	ug/L		87
106) bromoform	13.457	173	1917	1.56	ug/L		94
108) isopropylbenzene	13.562	105	18171	2.06	ug/L		99
110) cyclohexanone	13.719	55	9714	1.93	ug/L		89
111) bromobenzene	13.970	156	4126	1.88	ug/L		91
112) 1,1,2,2-tetrachloroethane	13.907	83	3915	1.94	ug/L		89
113) trans-1,4-dichloro-2-b...	13.996	53	856	1.50	ug/L	#	1
114) 1,2,3-trichloropropane	13.970	110	1022	1.87	ug/L	#	74
115) n-propylbenzene	14.001	91	21106	2.10	ug/L		98
116) 4-Ethyltoluene	14.116	105	14683	1.81	ug/L		80
117) 2-chlorotoluene	14.132	126	4367m	2.11	ug/L		
118) 4-chlorotoluene	14.252	91	12671	2.02	ug/L		98
119) 1,3,5-trimethylbenzene	14.169	105	16121	2.08	ug/L		95
120) tert-butylbenzene	14.493	119	13119	2.07	ug/L		98
121) pentachloroethane	14.556	167	2702	1.96	ug/L		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105436.D
Acq On : 8 Nov 2010 11:49 am
Operator : alexm1
Sample : IC4490-2
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 15:34:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

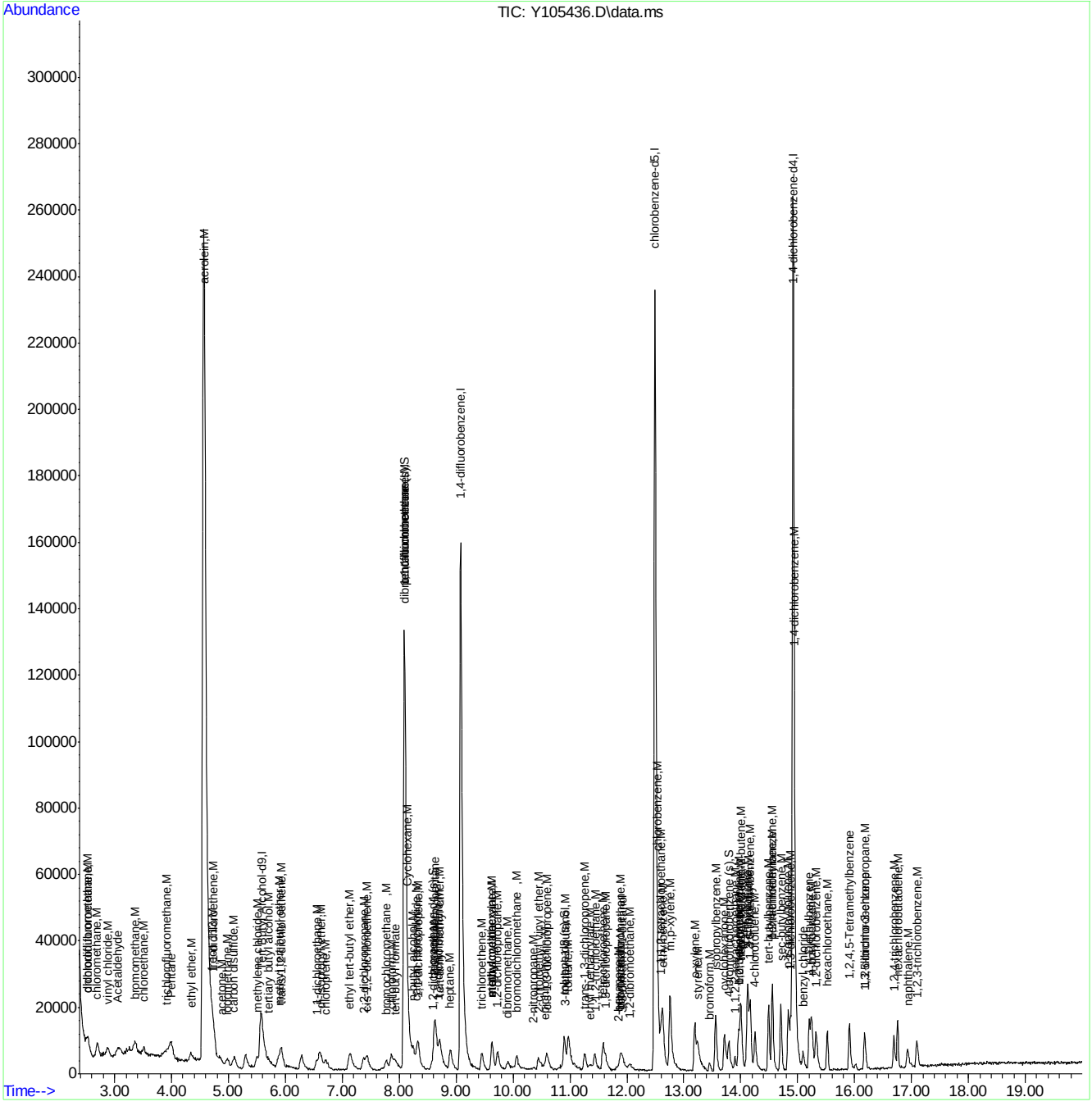
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
122) 1,2,4-trimethylbenzene	14.556	105	15597	2.13	ug/L		95
123) sec-butylbenzene	14.707	105	20417	2.09	ug/L		97
124) 1,3-dichlorobenzene	14.875	146	8188	2.03	ug/L		95
125) p-isopropyltoluene	14.833	119	16600	2.04	ug/L		97
126) 1,4-dichlorobenzene	14.943	146	9791	2.12	ug/L		97
127) 1,2-dichlorobenzene	15.325	146	8227	2.02	ug/L		96
128) benzyl chloride	15.095	91	6700	1.60	ug/L		94
129) 1,4-Diethylbenzene	15.204	119	8726	1.75	ug/L	#	73
130) n-butylbenzene	15.246	92	8421	2.01	ug/L		90
131) 1,2,4,5-Tetramethylben...	15.910	119	13251	1.74	ug/L		100
132) 1,2-dibromo-3-chloropr...	16.177	75	907	2.39	ug/L	#	1
133) 1,3,5-trichlorobenzene	16.182	180	6830	1.90	ug/L		99
134) 1,2,4-trichlorobenzene	16.695	180	5862	1.89	ug/L		92
135) hexachlorobutadiene	16.758	225	3820	2.09	ug/L		90
136) naphthalene	16.936	128	11063	1.94	ug/L		96
137) 1,2,3-trichlorobenzene	17.098	180	5262	1.94	ug/L		90
138) hexachloroethane	15.523	201	2478	1.84	ug/L		90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105436.D
Acq On : 8 Nov 2010 11:49 am
Operator : alexm1
Sample : IC4490-2
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 15:34:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integration Approval Summary

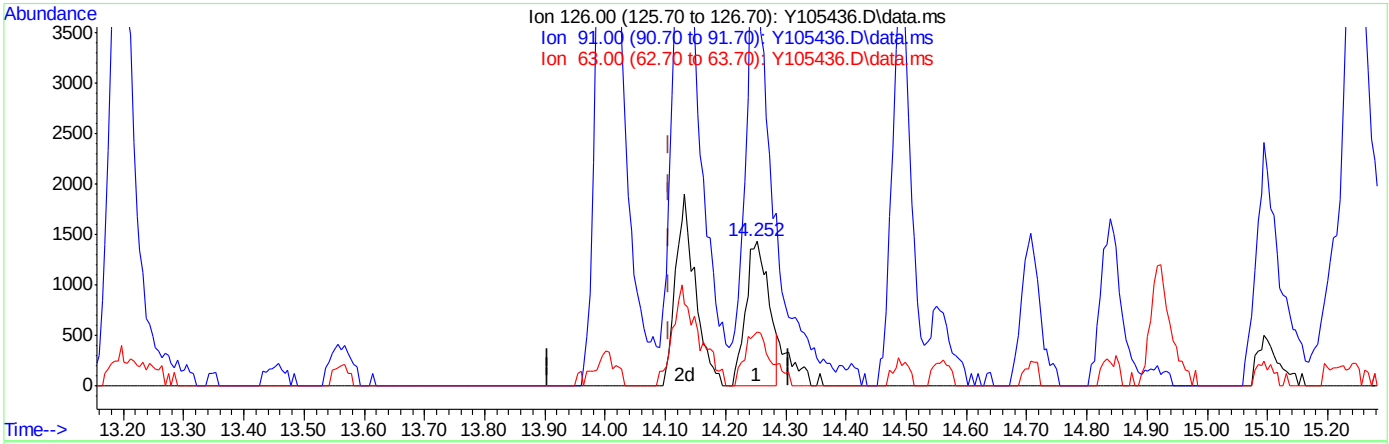
Sample Number:	VY4490-IC4490	**Method:**	SW846 8260B
Lab FileID:	Y105436.D	**Analyst approved:**	11/09/10 16:17 Ho Joong Kim
Injection Time:	11/08/10 11:49	**Supervisor approved:**	11/12/10 20:37 Kanya Veerawat

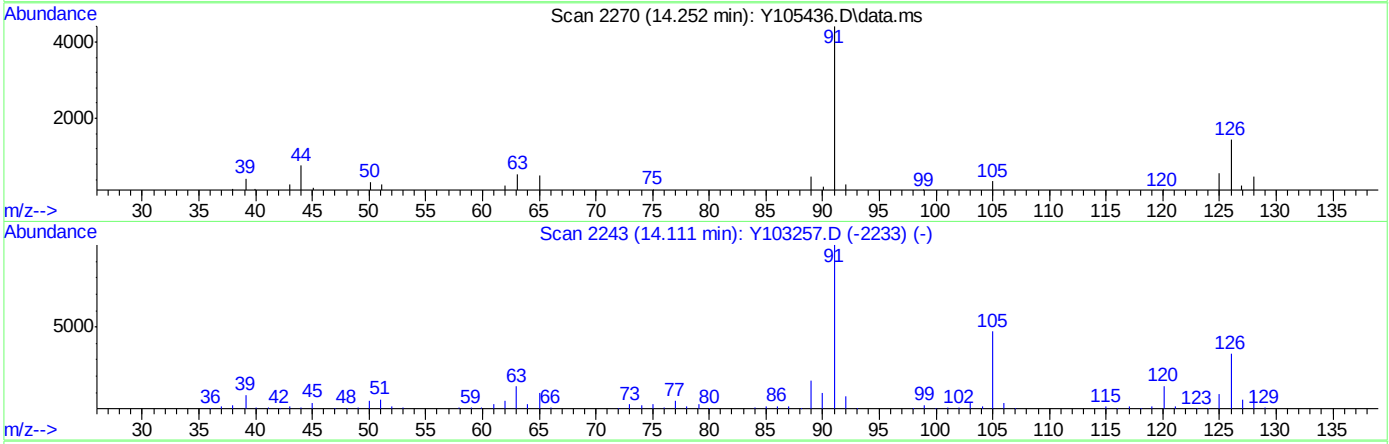
Parameter	CAS	Sig#	R.T. (min.)	Reason
o-Chlorotoluene	95-49-8		14.13	Split peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105436.D
Acq On : 8 Nov 2010 11:49 am
Operator : alexm1
Sample : IC4490-2
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 11:07:59 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration





TIC: Y105436.D\data.ms

(117) 2-chlorotoluene (M)

14.252min (+0.147) 1.83ug/L

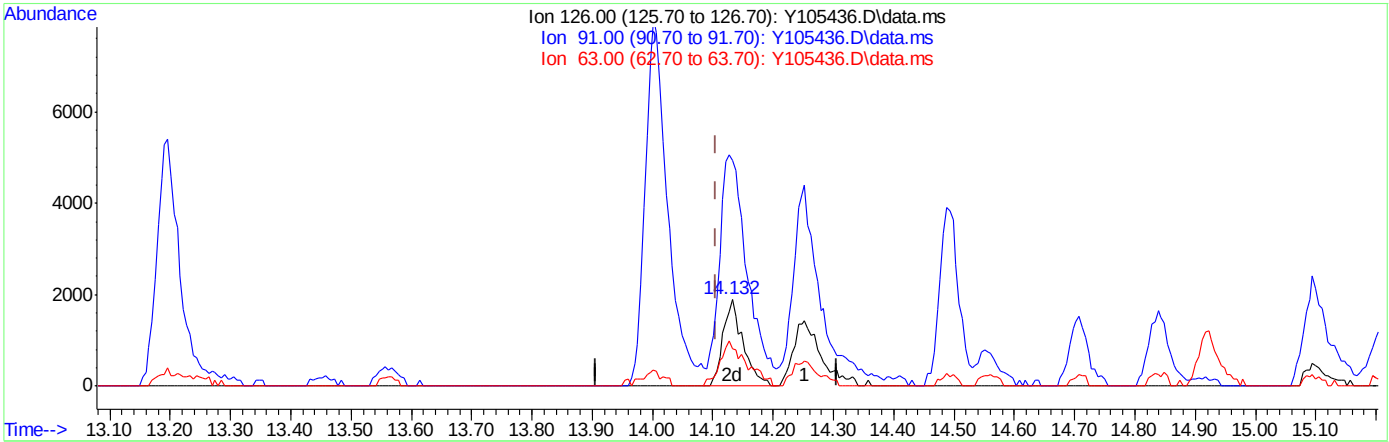
response 3800

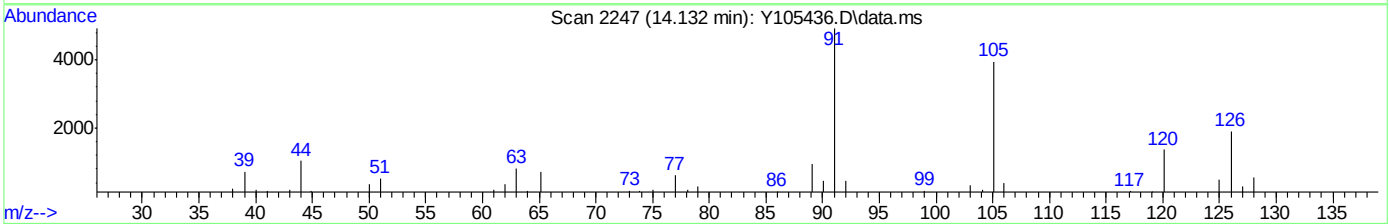
Ion	Exp%	Act%
126.00	100	100
91.00	306.90	279.82
63.00	46.20	37.51
0.00	0.00	0.00

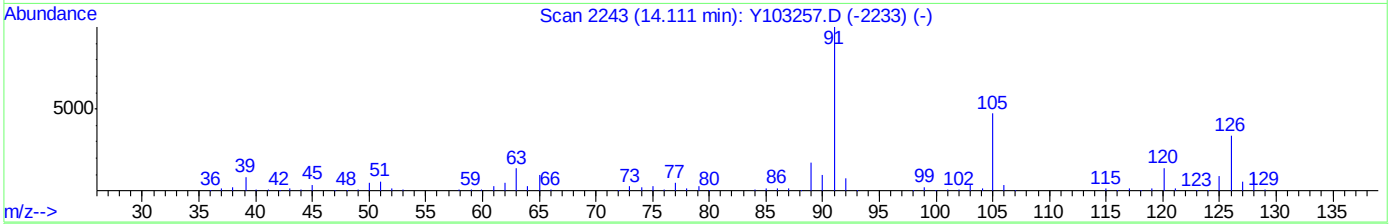
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105436.D
Acq On : 8 Nov 2010 11:49 am
Operator : alexm1
Sample : IC4490-2
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 15:32:43 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration







TIC: Y105436.D\data.ms

(117) 2-chlorotoluene (M)

14.132min (+0.026) 2.11ug/L m

response 4367

Ion	Exp%	Act%
126.00	100	100
91.00	306.90	258.67#
63.00	46.20	42.86
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/13/10 16:07

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105437.D
Acq On : 8 Nov 2010 12:23 pm
Operator : alexm1
Sample : IC4490-1
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 09 11:13:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:12:12 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.570	65	69090	500.00	ug/L		0.00
4) pentafluorobenzene	8.091	168	159182	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.085	114	222207	50.00	ug/L		0.01
92) chlorobenzene-d5	12.495	117	207839	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.922	152	103686	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.107	113	1396	0.91	ug/L		0.04
Spiked Amount 50.000	Range 67 - 127		Recovery = 1.82%#				
54) 1,2-dichloroethane-d4 (s)	8.593	65	1711	0.91	ug/L		0.07
Spiked Amount 50.000	Range 65 - 132		Recovery = 1.82%#				
84) toluene-d8 (s)	10.921	98	5459	0.85	ug/L		0.07
Spiked Amount 50.000	Range 74 - 129		Recovery = 1.70%#				
109) 4-bromofluorobenzene (s)	13.803	95	2800	1.09	ug/L		0.05
Spiked Amount 50.000	Range 62 - 138		Recovery = 2.18%#				
Target Compounds							Qvalue
10) chlorodifluoromethane	2.537	51	2492	1.01	ug/L		61
11) dichlorodifluoromethane	2.526	85	3076	1.02	ug/L		91
12) chloromethane	2.694	50	3591	1.10	ug/L		99
15) vinyl chloride	2.872	62	2474	1.02	ug/L		90
16) Acetaldehyde	3.049	44	4220	59.22	ug/L	#	70
17) bromomethane	3.353	94	1961	1.25	ug/L		81
18) chloroethane	3.520	64	1452	0.98	ug/L		90
20) trichlorofluoromethane	3.912	101	2698	0.95	ug/L		80
21) Pentane	4.001	43	2774	0.66	ug/L	#	73
26) acrolein	4.566	56	298379	1036.88	ug/L		95
27) 1,1-dichloroethene	4.713	96	1322	0.86	ug/L		94
31) iodomethane	4.990	142	2394	0.85	ug/L		78
33) carbon disulfide	5.094	76	4982	0.91	ug/L		80
34) methylene chloride	5.508	84	1633	0.91	ug/L		92
36) methyl tert butyl ether	5.895	73	4336m	0.85	ug/L		
37) trans-1,2-dichloroethene	5.947	96	1405	0.84	ug/L	#	58
38) di-isopropyl ether	6.632	45	5214	0.82	ug/L		88
40) 1,1-dichloroethane	6.554	63	2865	0.88	ug/L		84
41) chloroprene	6.721	53	1730	0.71	ug/L		69
44) ethyl tert-butyl ether	7.145	59	5036	0.84	ug/L		97
46) 2,2-dichloropropane	7.370	77	2611	0.96	ug/L		91
47) cis-1,2-dichloroethene	7.443	96	1361	0.72	ug/L		97
51) chloroform	7.861	83	2698	0.92	ug/L		85
55) freon 113	4.713	151	754	0.54	ug/L	#	50
57) 1,1,1-trichloroethane	8.102	97	2315	0.88	ug/L	#	1
58) Cyclohexane	8.097	84	6776	2.21	ug/L	#	36
62) carbon tetrachloride	8.327	117	2618	1.12	ug/L		81
63) 1,1-dichloropropene	8.348	75	2190	0.92	ug/L		93
66) benzene	8.641	78	6036	0.88	ug/L		93
67) 2,2,4-trimethylpentane	8.641	57	6548	0.92	ug/L	#	55
68) tert-amyl methyl ether	8.719	73	4655	0.94	ug/L		89
71) 1,2-dichloroethane	8.709	62	1599	0.77	ug/L	#	50

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105437.D
Acq On : 8 Nov 2010 12:23 pm
Operator : alexm1
Sample : IC4490-1
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 09 11:13:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:12:12 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) trichloroethene	9.462	95	1358	0.81	ug/L		93
76) 2-chloroethyl vinyl ether	10.508	63	1311	1.67	ug/L	#	45
77) ethyl acrylate	9.640	55	2464	0.94	ug/L	#	88
79) 1,2-dichloropropane	9.739	63	1465	0.81	ug/L	#	49
81) methylcyclohexane	9.629	83	2762	0.88	ug/L		93
82) bromodichloromethane	10.068	83	1901	0.86	ug/L		88
83) cis-1,3-dichloropropene	10.602	75	2465	0.81	ug/L		98
86) toluene	10.989	92	3737	0.87	ug/L		81
88) trans-1,3-dichloropropene	11.292	75	1850	0.70	ug/L		89
89) ethyl methacrylate	11.413	69	560	0.26	ug/L	#	46
90) 1,1,2-trichloroethane	11.460	83	856	0.71	ug/L		79
93) tetrachloroethene	11.585	164	1252	0.76	ug/L		96
94) 1,3-dichloropropane	11.632	76	2253	0.87	ug/L		93
96) 3,3-dimethyl-1-butanol	11.925	57	1220	7.28	ug/L	#	45
97) dibromochloromethane	11.899	129	1336	0.79	ug/L		78
98) 1,2-dibromoethane	12.061	107	923	0.67	ug/L		98
99) chlorobenzene	12.527	112	4666	0.94	ug/L		96
101) 1,1,1,2-tetrachloroethane	12.610	131	1553	0.87	ug/L		85
102) ethylbenzene	12.642	91	7779	0.93	ug/L		98
103) m,p-xylene	12.767	106	6156	1.90	ug/L		81
104) o-xylene	13.212	106	2954	0.89	ug/L		96
105) styrene	13.275	104	4337	0.80	ug/L		89
106) bromoform	13.458	173	830	0.69	ug/L		85
108) isopropylbenzene	13.567	105	8052	0.91	ug/L		98
110) cyclohexanone	13.735	55	4436	0.88	ug/L		96
111) bromobenzene	13.975	156	1869	0.85	ug/L		96
112) 1,1,2,2-tetrachloroethane	13.902	83	1904	0.94	ug/L		75
115) n-propylbenzene	14.017	91	9311	0.93	ug/L		96
116) 4-Ethyltoluene	14.127	105	6373	0.79	ug/L	#	69
117) 2-chlorotoluene	14.138	126	1834	0.88	ug/L		92
118) 4-chlorotoluene	14.263	91	6599	1.05	ug/L		92
119) 1,3,5-trimethylbenzene	14.179	105	8390m	1.08	ug/L		
120) tert-butylbenzene	14.498	119	5882	0.93	ug/L		100
121) pentachloroethane	14.556	167	1031	0.75	ug/L		88
122) 1,2,4-trimethylbenzene	14.566	105	7285	0.99	ug/L		88
123) sec-butylbenzene	14.708	105	9361	0.95	ug/L		93
124) 1,3-dichlorobenzene	14.880	146	3581	0.89	ug/L		98
125) p-isopropyltoluene	14.849	119	7410	0.91	ug/L		97
126) 1,4-dichlorobenzene	14.948	146	4774	1.03	ug/L		95
127) 1,2-dichlorobenzene	15.346	146	3696	0.91	ug/L		92
128) benzyl chloride	15.116	91	3528	0.84	ug/L	#	54
129) 1,4-Diethylbenzene	15.220	119	3968	0.79	ug/L	#	70
130) n-butylbenzene	15.267	92	3609	0.86	ug/L		86
131) 1,2,4,5-Tetramethylben...	15.926	119	6493	0.85	ug/L		96
133) 1,3,5-trichlorobenzene	16.193	180	3150	0.87	ug/L		99
134) 1,2,4-trichlorobenzene	16.711	180	2646	0.85	ug/L		97
135) hexachlorobutadiene	16.758	225	1875	1.02	ug/L		95
136) naphthalene	16.951	128	5853	1.02	ug/L		95
137) 1,2,3-trichlorobenzene	17.103	180	2522	0.93	ug/L		96
138) hexachloroethane	15.529	201	956	0.71	ug/L		85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105437.D
Acq On : 8 Nov 2010 12:23 pm
Operator : alexm1
Sample : IC4490-1
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 09 11:13:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:12:12 2010
Response via : Initial Calibration

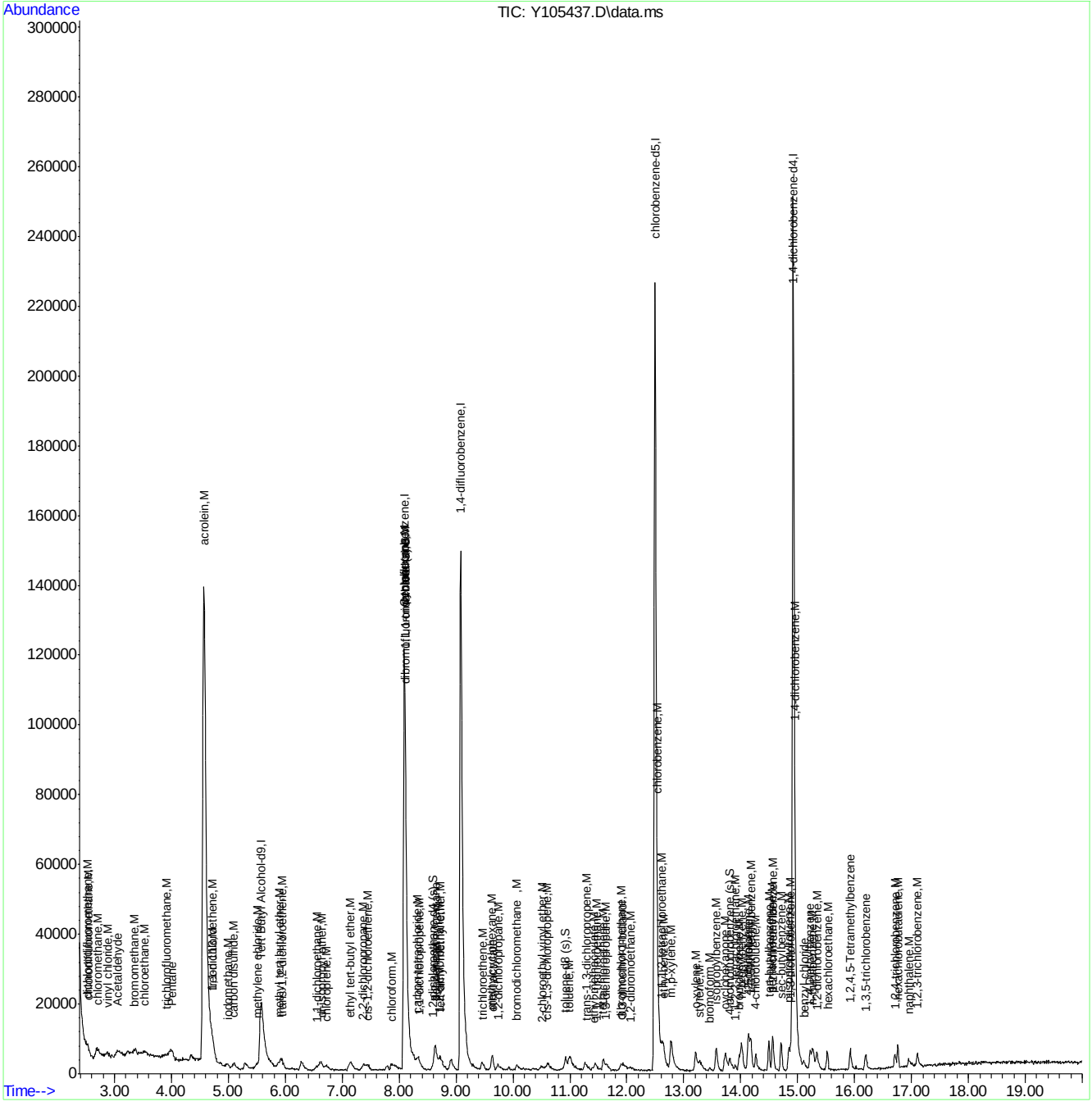
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105437.D
Acq On : 8 Nov 2010 12:23 pm
Operator : alexm1
Sample : IC4490-1
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 09 11:13:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:12:12 2010
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: VY4490-IC4490
Lab FileID: Y105437.D
Injection Time: 11/08/10 12:23
Method: SW846 8260B
Analyst approved: 11/09/10 16:17 Ho Joong Kim
Supervisor approved: 11/13/10 16:07 Kanya Veerawat

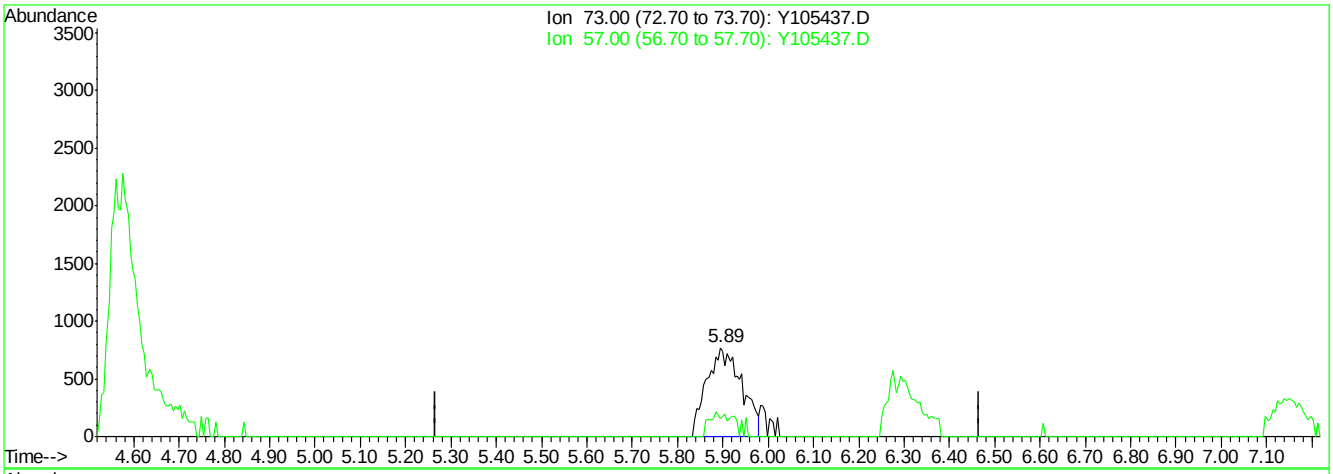
Parameter	CAS	Sig#	R.T. (min.)	Reason
Methyl Tert Butyl Ether	1634-04-4		5.89	Poor instrument integration
1,3,5-Trimethylbenzene	108-67-8		14.18	Split peak

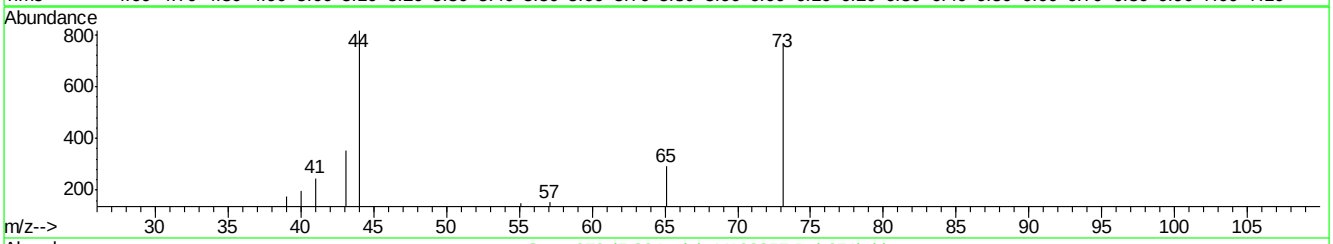
Quantitation Report (Qedit)

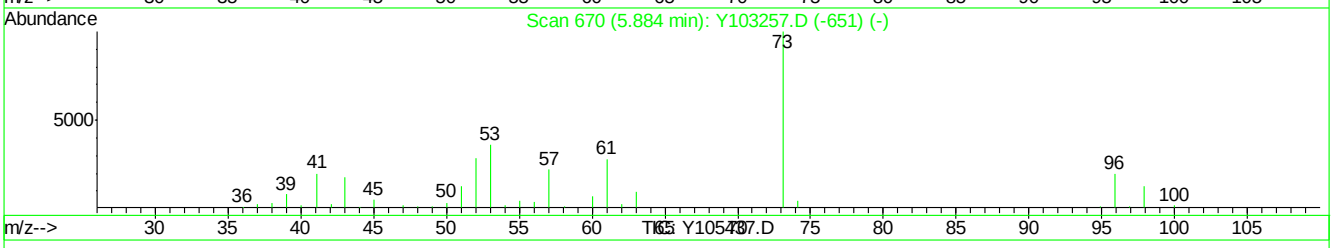
Data File : C:\MSDChem\1\DATA\Y105437.D Vial: 5
Acq On : 8 Nov 2010 12:23 pm Operator: alexm1
Sample : IC4490-1 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:24 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(36) methyl tert butyl ether (M)

5.89min 0.81ug/L

response 4103

Ion	Exp%	Act%
73.00	100	100
57.00	22.40	20.03
0.00	0.00	0.00
0.00	0.00	0.00

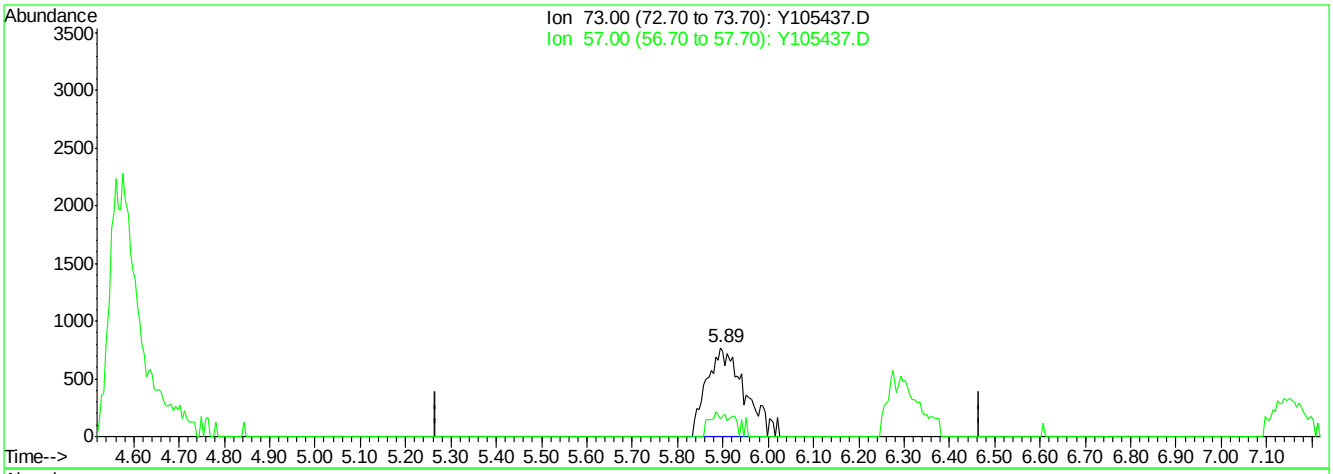
Y105437.D MYS4490.M Tue Nov 09 11:09:36 2010 RPT1

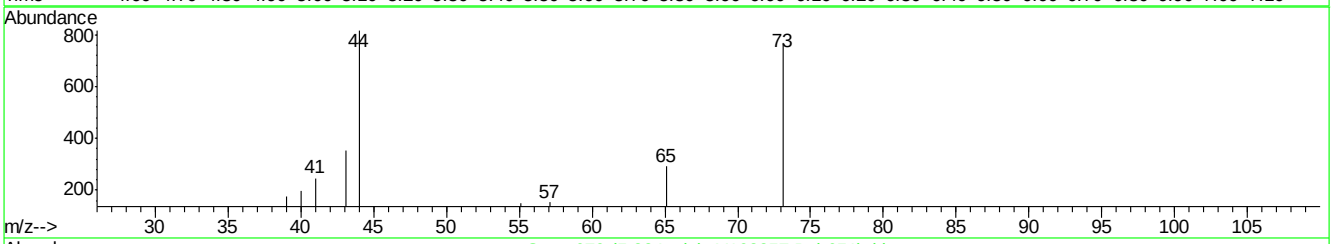
Quantitation Report (Qedit)

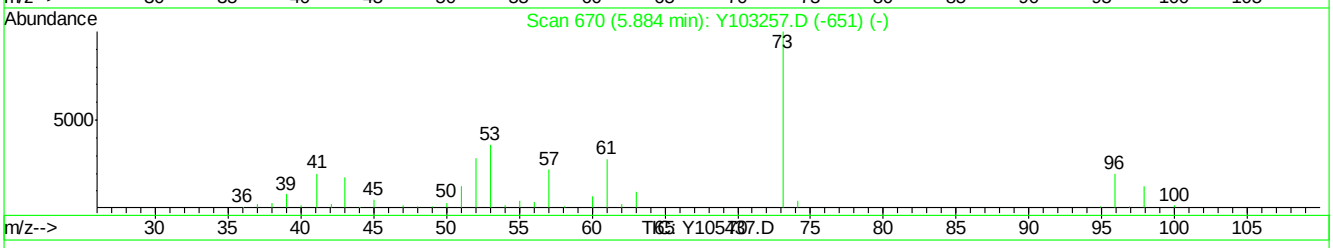
Data File : C:\MSDChem\1\DATA\Y105437.D Vial: 5
Acq On : 8 Nov 2010 12:23 pm Operator: alexm1
Sample : IC4490-1 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:24 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(36) methyl tert butyl ether (M)

5.89min 0.85ug/L m

response 4336

Ion	Exp%	Act%
73.00	100	100
57.00	22.40	20.03
0.00	0.00	0.00
0.00	0.00	0.00

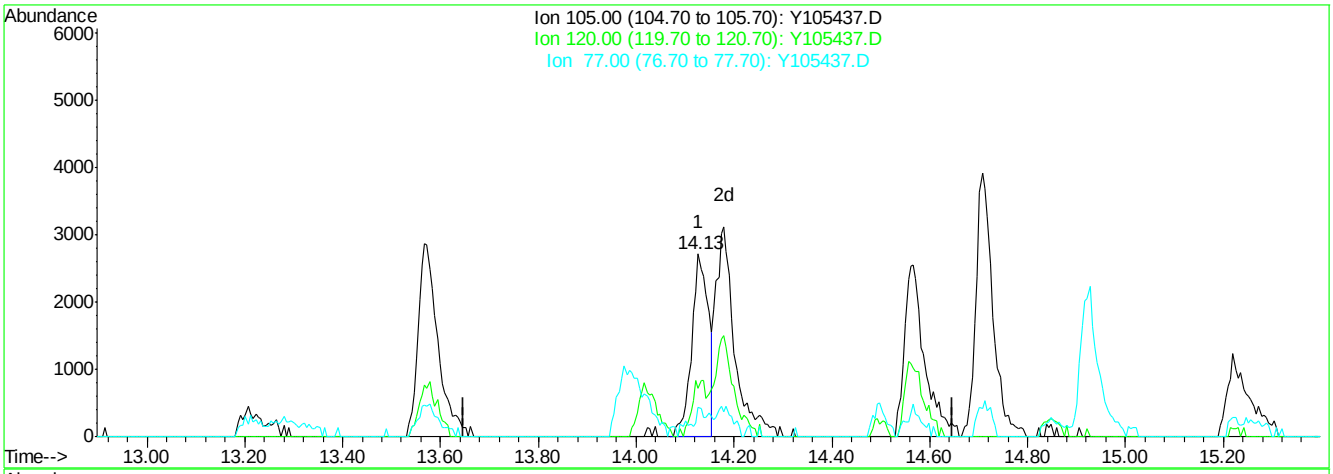
Y105437.D MYS4490.M Tue Nov 09 11:09:42 2010 RPT1

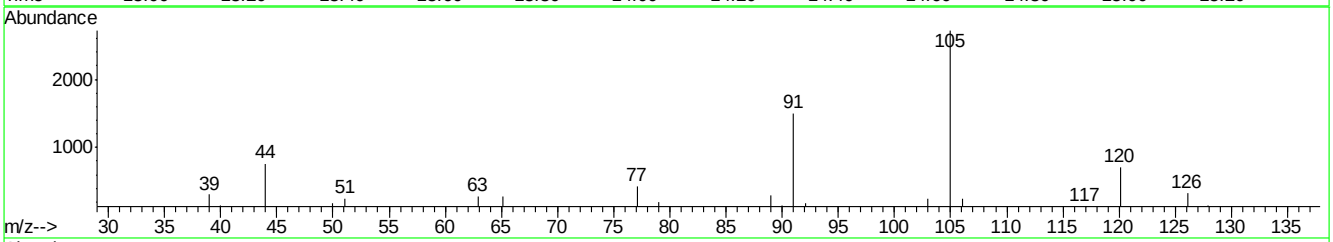
Quantitation Report (Qedit)

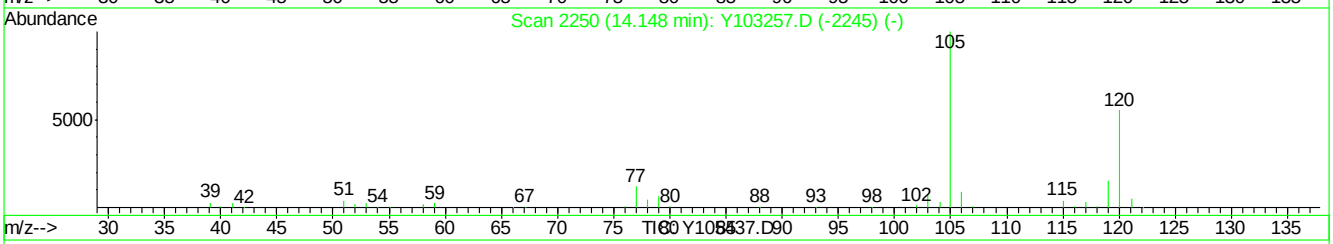
Data File : C:\MSDChem\1\DATA\Y105437.D Vial: 5
Acq On : 8 Nov 2010 12:23 pm Operator: alexm1
Sample : IC4490-1 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:24 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(119) 1,3,5-trimethylbenzene (M)

14.13min 0.82ug/L

response 6373

Ion	Exp%	Act%
105.00	100	100
120.00	50.00	21.78
77.00	12.90	10.96
0.00	0.00	0.00

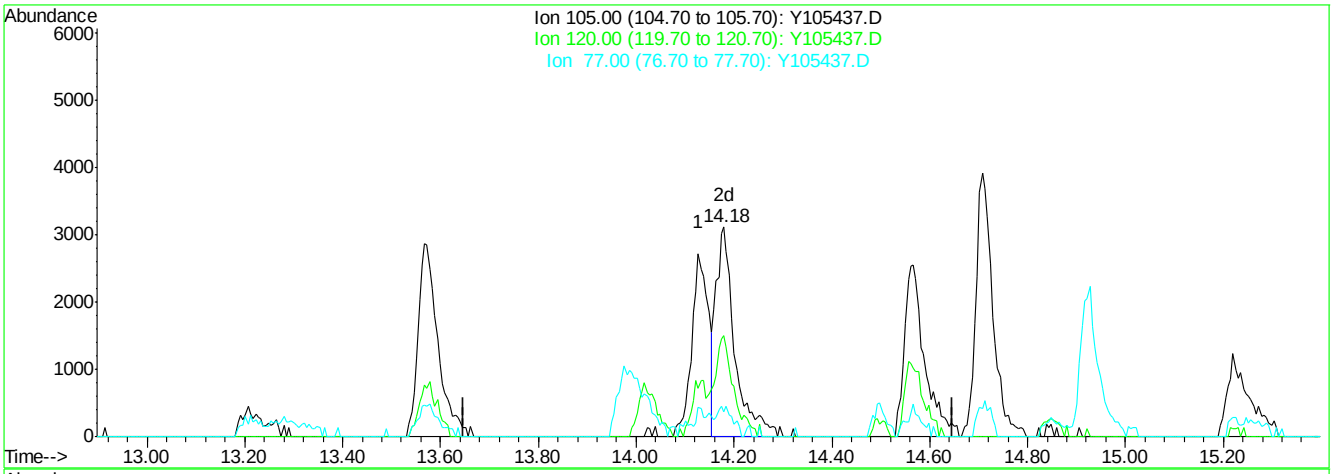
Y105437.D MYS4490.M Tue Nov 09 11:10:41 2010 RPT1

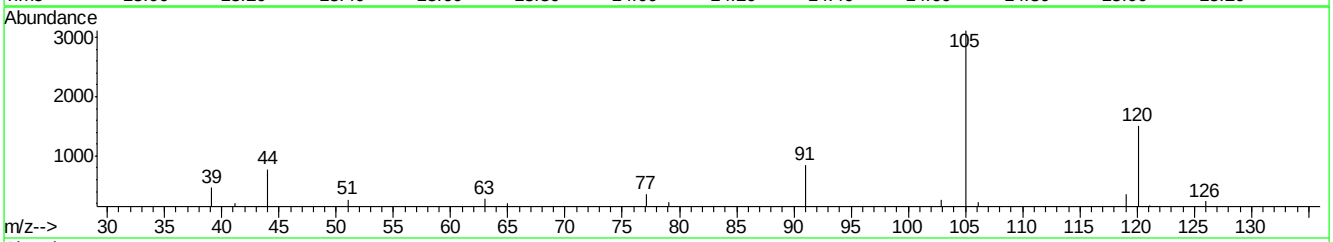
Quantitation Report (Qedit)

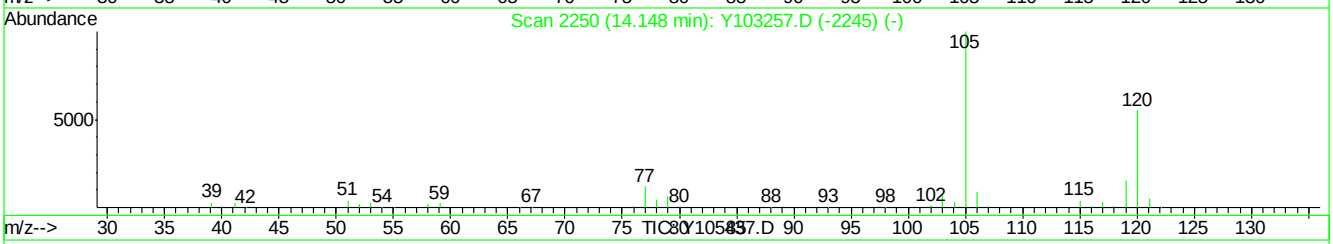
Data File : C:\MSDChem\1\DATA\Y105437.D Vial: 5
Acq On : 8 Nov 2010 12:23 pm Operator: alexm1
Sample : IC4490-1 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:24 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 10:56:26 2010
Response via : Multiple Level Calibration







(119) 1,3,5-trimethylbenzene (M)

14.18min 1.08ug/L m

response 8390

Ion	Exp%	Act%
105.00	100	100
120.00	50.00	48.38
77.00	12.90	11.62
0.00	0.00	0.00

Y105437.D MYS4490.M Tue Nov 09 11:10:53 2010 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/13/10 16:07

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105438.D
Acq On : 8 Nov 2010 12:53 pm
Operator : alexm1
Sample : IC4490-0.5
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 09 15:52:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.602	65	58640	500.00	ug/L		0.04
4) pentafluorobenzene	8.097	168	152599	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.085	114	214242	50.00	ug/L		0.01
92) chlorobenzene-d5	12.495	117	203448	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.922	152	100772	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.102	113	671	0.46	ug/L		0.03
Spiked Amount 50.000	Range 67 - 127		Recovery = 0.92%#				
54) 1,2-dichloroethane-d4 (s)	8.614	65	653	0.36	ug/L		0.09
Spiked Amount 50.000	Range 65 - 132		Recovery = 0.72%#				
84) toluene-d8 (s)	10.958	98	2123	0.34	ug/L		0.11
Spiked Amount 50.000	Range 74 - 129		Recovery = 0.68%#				
109) 4-bromofluorobenzene (s)	13.834	95	1580	0.63	ug/L		0.08
Spiked Amount 50.000	Range 62 - 138		Recovery = 1.26%#				
Target Compounds							Qvalue
10) chlorodifluoromethane	2.542	51	1160	0.49	ug/L		59
11) dichlorodifluoromethane	2.526	85	1008	0.35	ug/L	#	50
12) chloromethane	2.689	50	1680	0.54	ug/L		85
15) vinyl chloride	2.861	62	978	0.42	ug/L	#	50
17) bromomethane	3.353	94	945	0.63	ug/L	#	46
20) trichlorofluoromethane	3.954	101	596	0.22	ug/L	#	26
31) iodomethane	4.985	142	974	0.36	ug/L		88
33) carbon disulfide	5.110	76	2059	0.39	ug/L		49
34) methylene chloride	5.518	84	776	0.45	ug/L		80
40) 1,1-dichloroethane	6.569	63	1170	0.37	ug/L		61
44) ethyl tert-butyl ether	7.155	59	2050	0.36	ug/L		95
46) 2,2-dichloropropane	7.380	77	869	0.33	ug/L		80
51) chloroform	7.872	83	1186	0.42	ug/L		83
57) 1,1,1-trichloroethane	8.102	97	560	0.22	ug/L	#	1
58) Cyclohexane	8.097	84	5159	1.75	ug/L	#	48
66) benzene	8.646	78	2583	0.39	ug/L		94
67) 2,2,4-trimethylpentane	8.651	57	2348	0.34	ug/L	#	40
68) tert-amyl methyl ether	8.740	73	2066	0.43	ug/L		96
69) heptane	8.651	57	2348	1.56	ug/L	#	22
73) trichloroethene	9.467	95	617	0.38	ug/L	#	80
77) ethyl acrylate	9.640	55	1111	0.44	ug/L	#	88
81) methylcyclohexane	9.640	83	928	0.31	ug/L		73
82) bromodichloromethane	10.084	83	647	0.30	ug/L		81
83) cis-1,3-dichloropropene	10.628	75	844	0.29	ug/L		80
86) toluene	11.026	92	1456m	0.35	ug/L		
94) 1,3-dichloropropane	11.658	76	860	0.34	ug/L	#	66
99) chlorobenzene	12.527	112	2101	0.43	ug/L		68
101) 1,1,1,2-tetrachloroethane	12.605	131	559	0.32	ug/L	#	67
102) ethylbenzene	12.647	91	3597	0.44	ug/L		94
103) m,p-xylene	12.793	106	2686m	0.85	ug/L		
104) o-xylene	13.233	106	1254m	0.39	ug/L		
108) isopropylbenzene	13.588	105	3351	0.39	ug/L		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105438.D
Acq On : 8 Nov 2010 12:53 pm
Operator : alexm1
Sample : IC4490-0.5
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 09 15:52:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

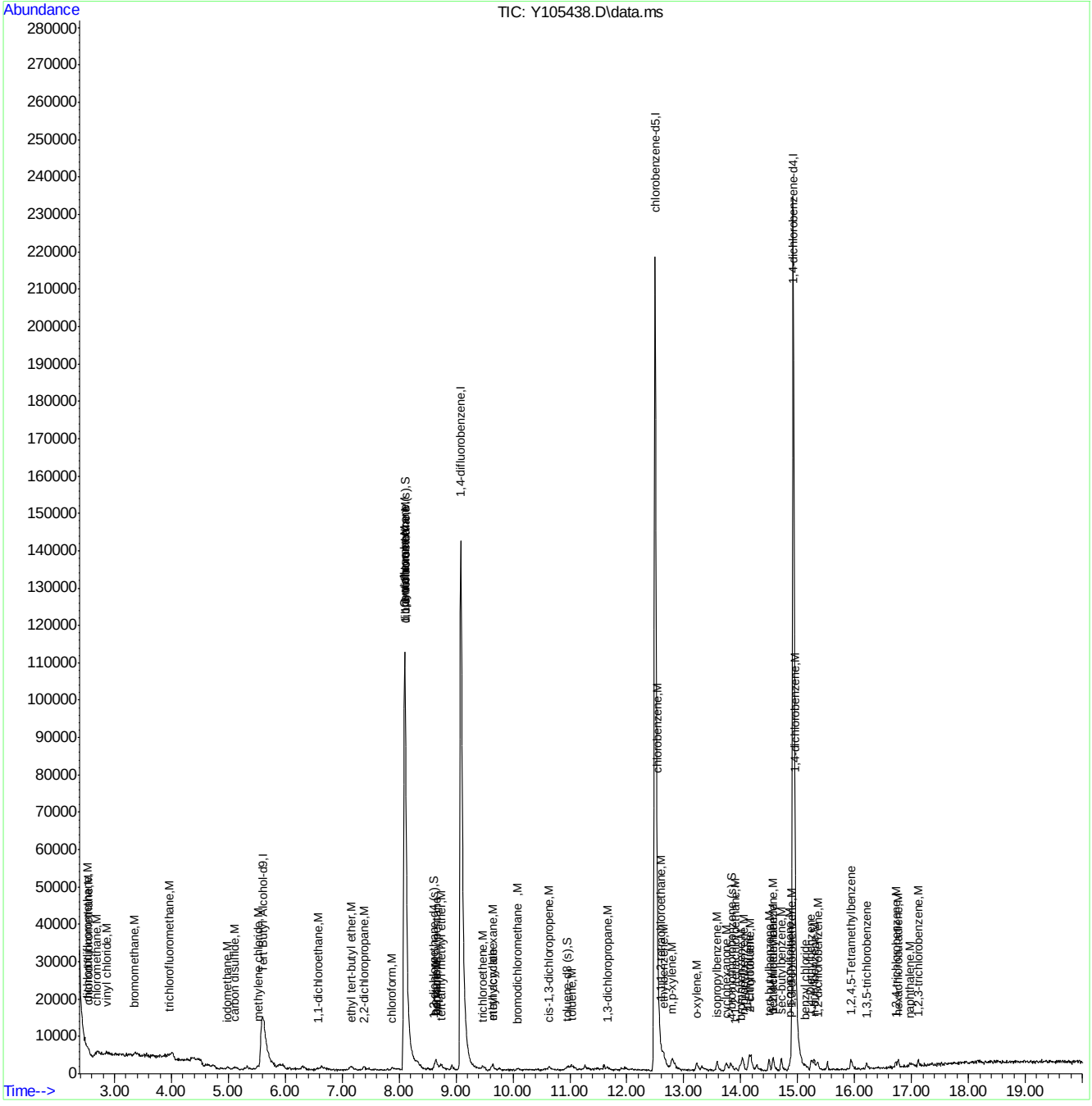
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) cyclohexanone	13.751	55	1889	0.39	ug/L		85
111) bromobenzene	13.996	156	851	0.40	ug/L	#	59
112) 1,1,2,2-tetrachloroethane	13.913	83	742	0.38	ug/L		87
115) n-propylbenzene	14.043	91	4361	0.45	ug/L		97
116) 4-Ethyltoluene	14.143	105	2656	0.34	ug/L	#	27
117) 2-chlorotoluene	14.158	126	791	0.39	ug/L	#	50
120) tert-butylbenzene	14.504	119	2532	0.41	ug/L		84
121) pentachloroethane	14.561	167	580	0.43	ug/L	#	74
122) 1,2,4-trimethylbenzene	14.572	105	3161	0.44	ug/L		87
123) sec-butylbenzene	14.713	105	4319	0.45	ug/L		98
124) 1,3-dichlorobenzene	14.885	146	1641	0.42	ug/L		95
125) p-isopropyltoluene	14.859	119	3422	0.43	ug/L		97
126) 1,4-dichlorobenzene	14.953	146	2401	0.53	ug/L		82
127) 1,2-dichlorobenzene	15.356	146	1831	0.46	ug/L		96
128) benzyl chloride	15.126	91	1564	0.38	ug/L	#	54
129) 1,4-Diethylbenzene	15.236	119	1994	0.41	ug/L	#	77
130) n-butylbenzene	15.299	92	1285	0.32	ug/L	#	73
131) 1,2,4,5-Tetramethylben...	15.937	119	3133	0.42	ug/L	#	84
133) 1,3,5-trichlorobenzene	16.209	180	1400	0.40	ug/L	#	78
134) 1,2,4-trichlorobenzene	16.732	180	1129	0.37	ug/L		78
135) hexachlorobutadiene	16.763	225	736	0.41	ug/L		91
136) naphthalene	16.978	128	2623	0.47	ug/L		69
137) 1,2,3-trichlorobenzene	17.114	180	957	0.36	ug/L		80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105438.D
Acq On : 8 Nov 2010 12:53 pm
Operator : alexm1
Sample : IC4490-0.5
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 09 15:52:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: VY4490-IC4490
Lab FileID: Y105438.D
Injection Time: 11/08/10 12:53
Method: SW846 8260B
Analyst approved: 11/09/10 16:17 Ho Joong Kim
Supervisor approved: 11/13/10 16:07 Kanya Veerawat

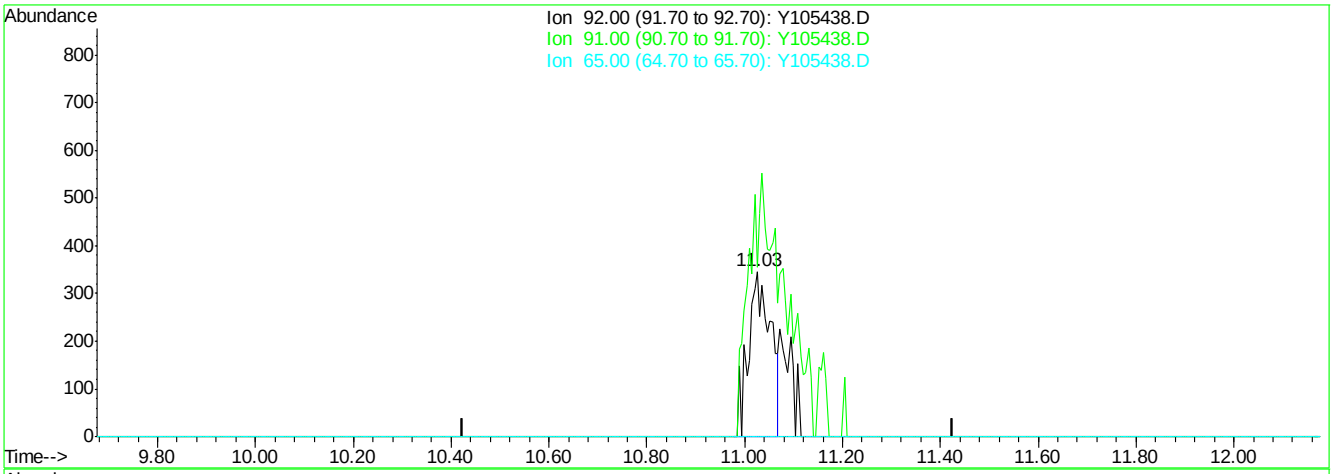
Parameter	CAS	Sig#	R.T. (min.)	Reason
Toluene	108-88-3		11.03	Poor instrument integration
m,p-Xylene			12.79	Missed peak
o-Xylene	95-47-6		13.23	Poor instrument integration

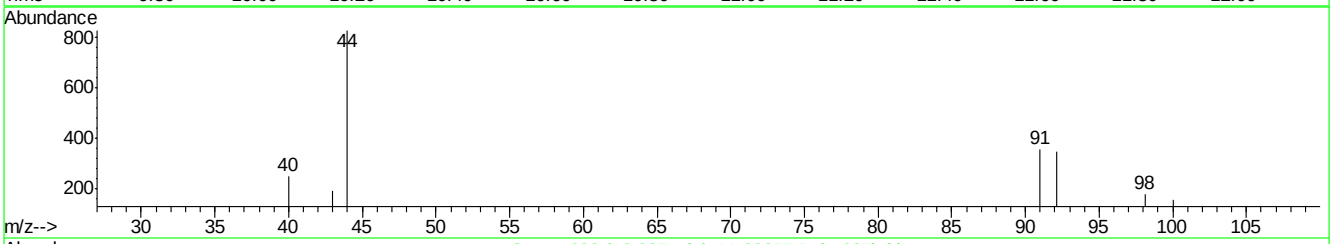
Quantitation Report (Qedit)

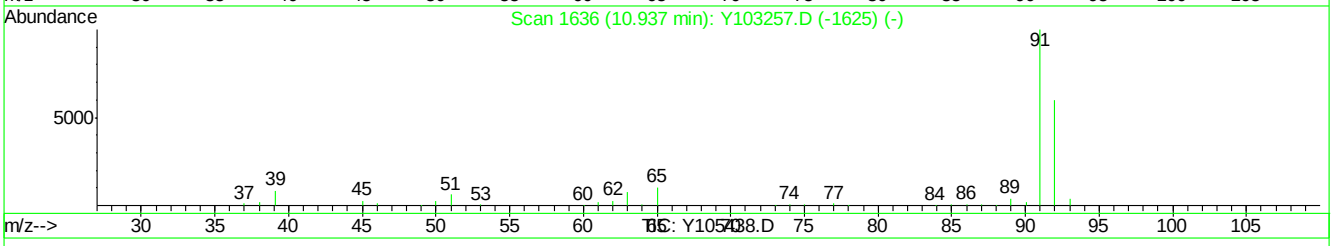
Data File : C:\MSDChem\1\DATA\Y105438.D Vial: 6
Acq On : 8 Nov 2010 12:53 pm Operator: alexm1
Sample : IC4490-0.5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:26 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 11:12:12 2010
Response via : Multiple Level Calibration







(86) toluene (M)

11.03min 0.26ug/L

response 1076

Ion	Exp%	Act%
92.00	100	100
91.00	170.50	102.89#
65.00	19.60	0.00
0.00	0.00	0.00

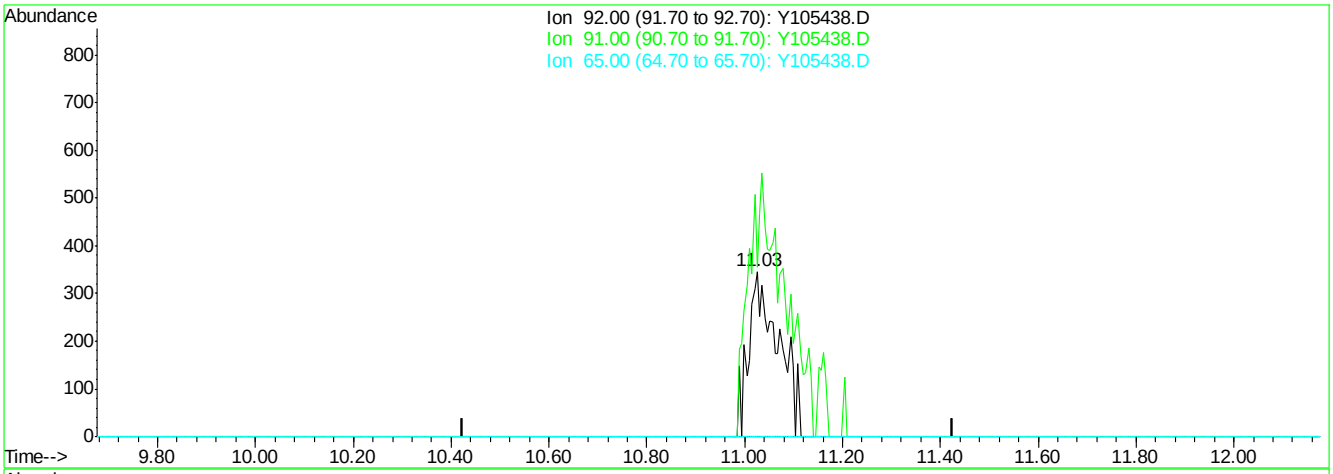
Y105438.D MYS4490.M Tue Nov 09 11:15:08 2010 RPT1

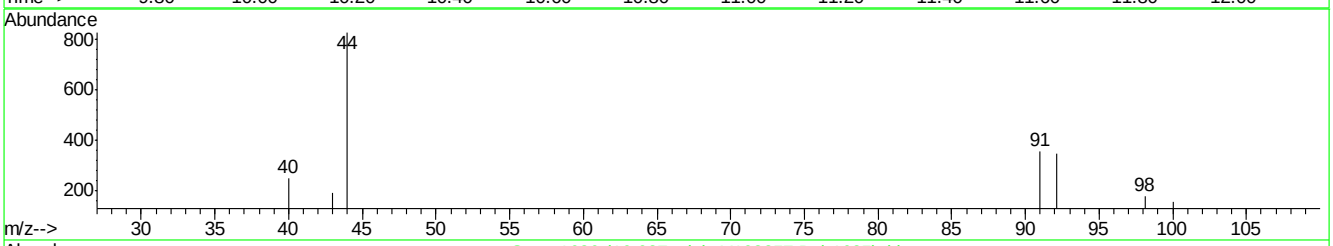
Quantitation Report (Qedit)

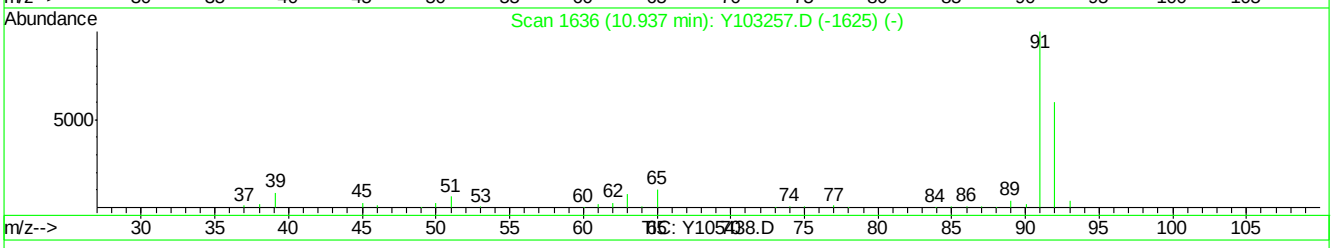
Data File : C:\MSDChem\1\DATA\Y105438.D Vial: 6
Acq On : 8 Nov 2010 12:53 pm Operator: alexm1
Sample : IC4490-0.5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:26 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 11:12:12 2010
Response via : Multiple Level Calibration







(86) toluene (M)

11.03min 0.35ug/L m

response 1456

Ion	Exp%	Act%
92.00	100	100
91.00	170.50	102.89#
65.00	19.60	0.00
0.00	0.00	0.00

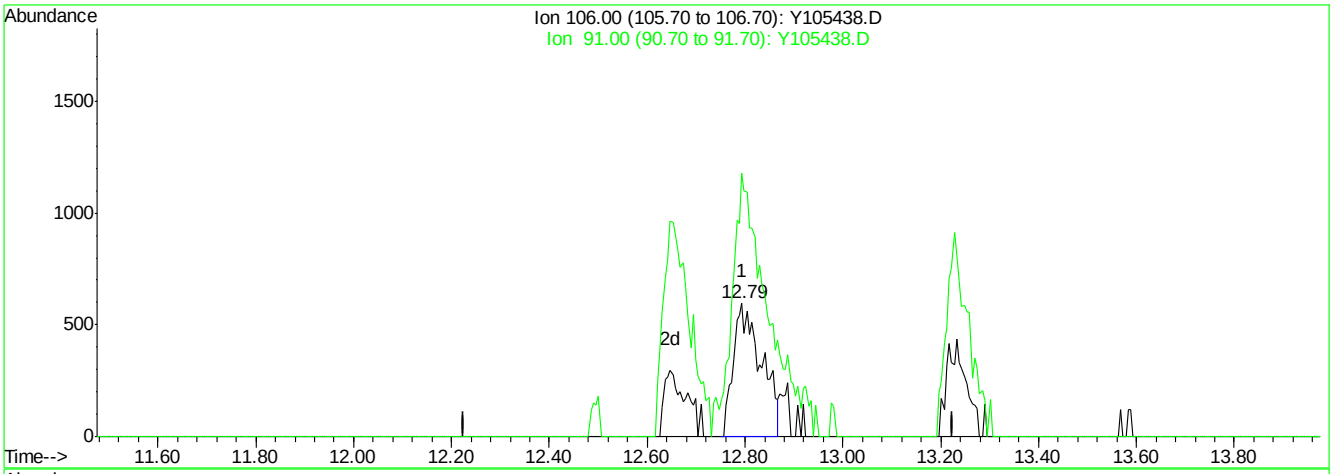
Y105438.D MYS4490.M Tue Nov 09 11:15:13 2010 RPT1

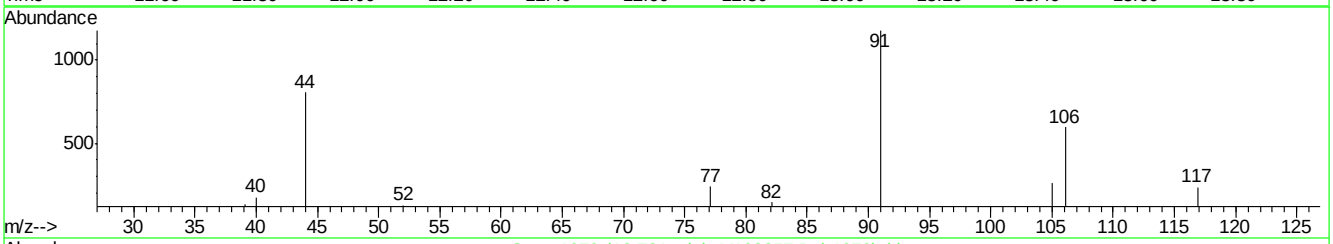
Quantitation Report (Qedit)

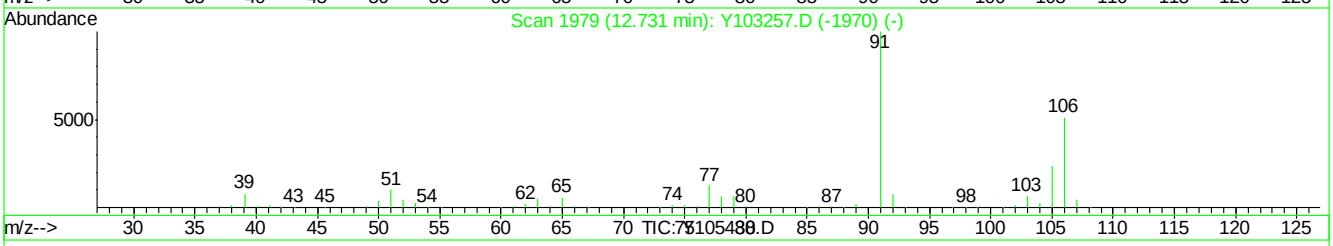
Data File : C:\MSDChem\1\DATA\Y105438.D Vial: 6
Acq On : 8 Nov 2010 12:53 pm Operator: alexm1
Sample : IC4490-0.5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:26 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 11:12:12 2010
Response via : Multiple Level Calibration







(103) m,p-xylene (M)

12.79min 0.74ug/L

response 2345

Ion	Exp%	Act%
106.00	100	100
91.00	197.40	169.51
0.00	0.00	0.00
0.00	0.00	0.00

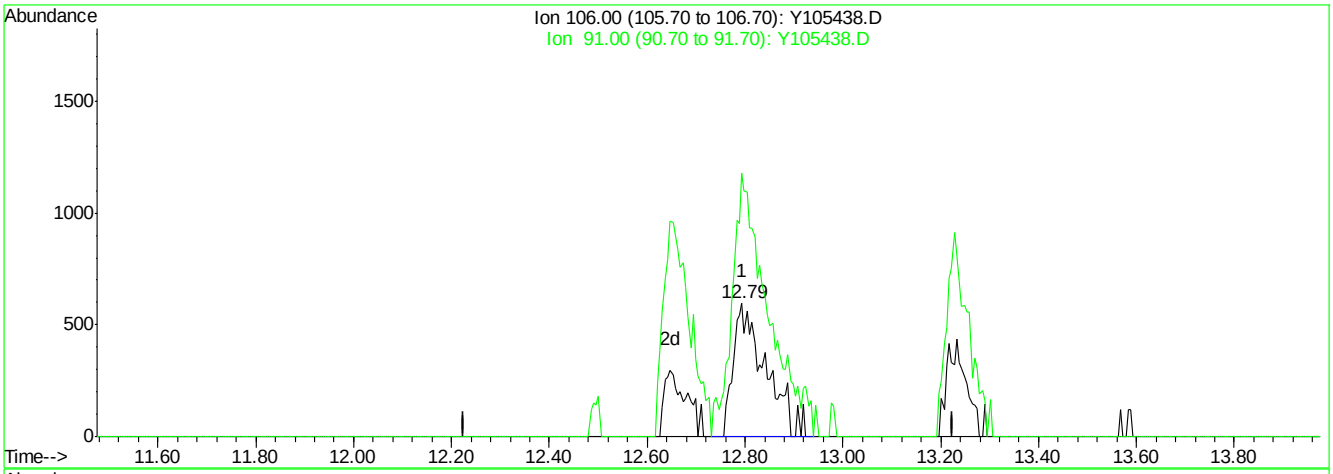
Y105438.D MYS4490.M Tue Nov 09 11:15:23 2010 RPT1

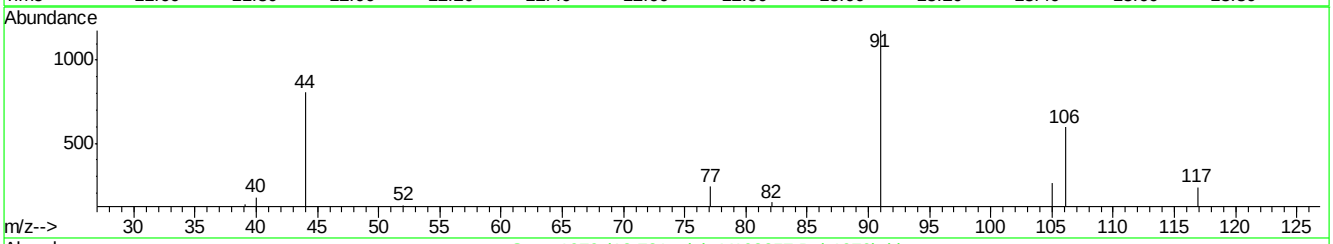
Quantitation Report (Qedit)

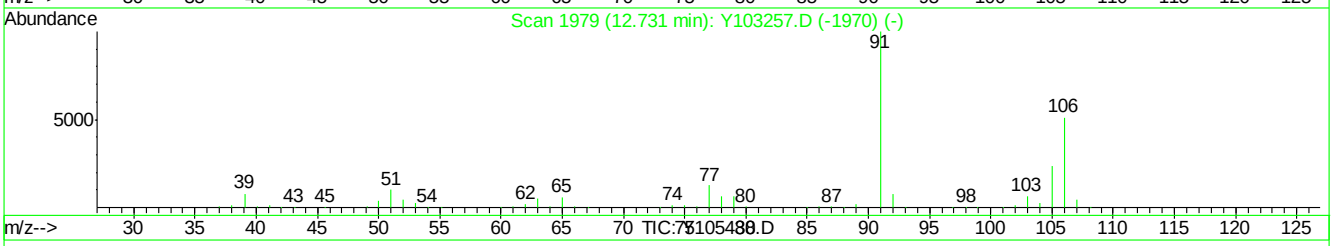
Data File : C:\MSDChem\1\DATA\Y105438.D Vial: 6
Acq On : 8 Nov 2010 12:53 pm Operator: alexm1
Sample : IC4490-0.5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:26 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 11:12:12 2010
Response via : Multiple Level Calibration







(103) m,p-xylene (M)

12.79min 0.85ug/L m

response 2686

Ion	Exp%	Act%
106.00	100	100
91.00	197.40	197.32
0.00	0.00	0.00
0.00	0.00	0.00

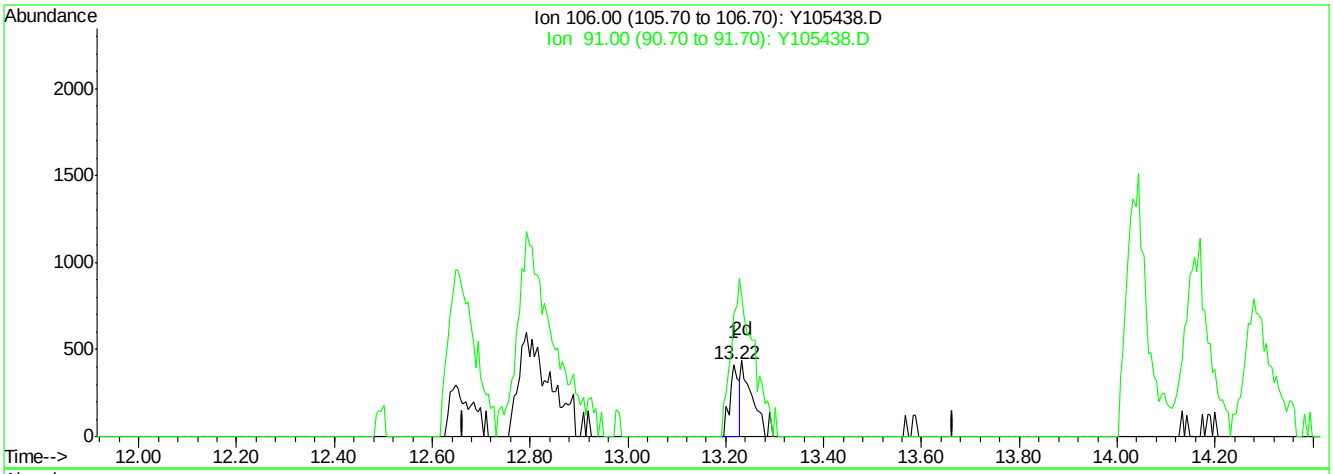
Y105438.D MYS4490.M Tue Nov 09 11:15:29 2010 RPT1

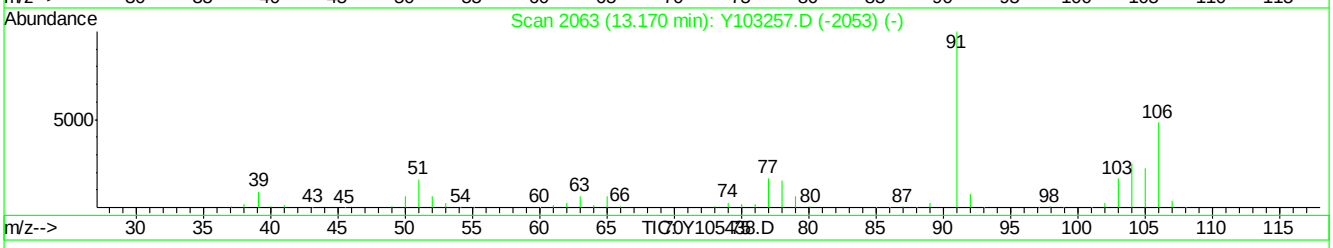
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\Y105438.D Vial: 6
Acq On : 8 Nov 2010 12:53 pm Operator: alexm1
Sample : IC4490-0.5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:26 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 11:12:12 2010
Response via : Multiple Level Calibration





(104) o-xylene (M)

13.22min 0.16ug/L

response 527

Ion	Exp%	Act%
106.00	100	100
91.00	212.90	169.95#
0.00	0.00	0.00
0.00	0.00	0.00

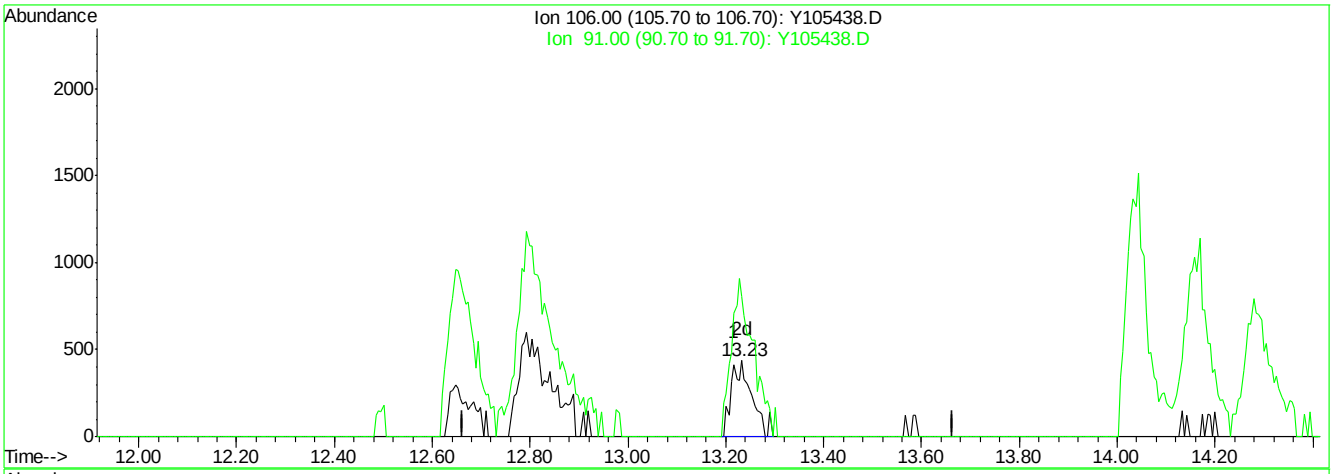
Y105438.D MYS4490.M Tue Nov 09 11:15:31 2010 RPT1

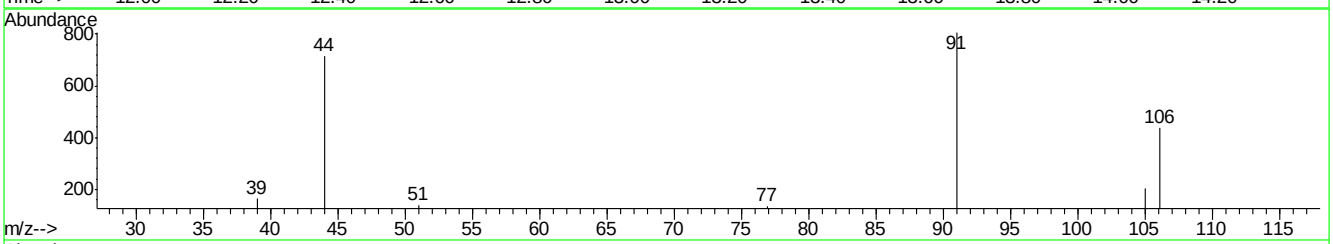
Quantitation Report (Qedit)

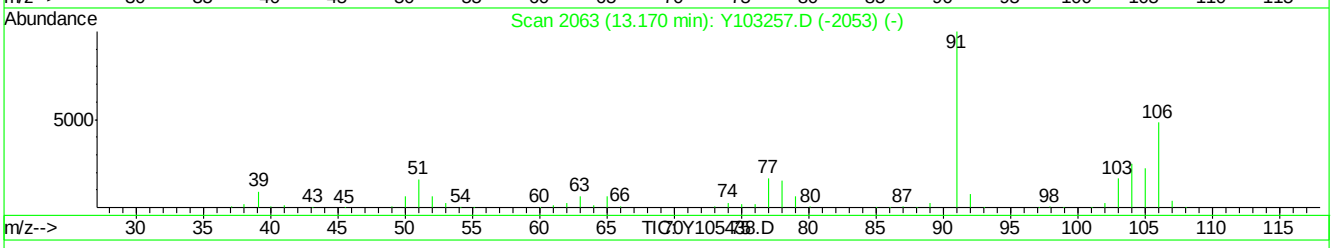
Data File : C:\MSDChem\1\DATA\Y105438.D Vial: 6
Acq On : 8 Nov 2010 12:53 pm Operator: alexm1
Sample : IC4490-0.5 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:26 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 11:12:12 2010
Response via : Multiple Level Calibration







(104) o-xylene (M)

13.23min 0.39ug/L m

response 1254

Ion	Exp%	Act%
106.00	100	100
91.00	212.90	184.44
0.00	0.00	0.00
0.00	0.00	0.00

Y105438.D MYS4490.M Tue Nov 09 11:15:40 2010 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/13/10 16:08

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105439.D
Acq On : 8 Nov 2010 1:22 pm
Operator : alexm1
Sample : IC4490-20
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 09 11:16:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.570	65	58918	500.00	ug/L		0.00
4) pentafluorobenzene	8.091	168	150213	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	211983	50.00	ug/L		0.00
92) chlorobenzene-d5	12.490	117	194714	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.917	152	97428	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.076	113	75964	52.69	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 105.38%				
54) 1,2-dichloroethane-d4 (s)	8.536	65	91394	51.58	ug/L		0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 103.16%				
84) toluene-d8 (s)	10.853	98	311436	50.58	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 101.16%				
109) 4-bromofluorobenzene (s)	13.751	95	118118	48.89	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 97.78%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.717	59	19978	105.81	ug/L		93
3) 1,4-dioxane	9.891	88	7778	554.70	ug/L	#	78
10) chlorodifluoromethane	2.532	51	45972	19.83	ug/L		99
11) dichlorodifluoromethane	2.521	85	56263	19.79	ug/L		98
12) chloromethane	2.704	50	59590	19.37	ug/L		99
15) vinyl chloride	2.882	62	46796	20.43	ug/L		99
16) Acetaldehyde	3.070	44	12920	192.15	ug/L		97
17) bromomethane	3.363	94	29835	20.12	ug/L		97
18) chloroethane	3.515	64	28355	20.20	ug/L		96
20) trichlorofluoromethane	3.939	101	53613	20.05	ug/L		99
21) Pentane	3.996	43	82122	20.78	ug/L		99
22) ethyl ether	4.336	74	19842	19.60	ug/L		98
26) acrolein	4.587	56	56489	208.02	ug/L		97
27) 1,1-dichloroethene	4.728	96	29658	20.55	ug/L		93
28) acetone	4.859	58	5693m	18.21	ug/L		
29) allyl chloride	5.288	78	6032	20.11	ug/L		84
30) acetonitrile	5.304	40	22164	167.36	ug/L	#	87
31) iodomethane	4.990	142	54188	20.46	ug/L		98
33) carbon disulfide	5.105	76	104319	20.19	ug/L		98
34) methylene chloride	5.497	84	34714	20.58	ug/L		99
35) methyl acetate	5.372	43	22018	19.69	ug/L		92
36) methyl tert butyl ether	5.879	73	99252	20.71	ug/L		100
37) trans-1,2-dichloroethene	5.900	96	33280	21.07	ug/L		93
38) di-isopropyl ether	6.585	45	128161	21.33	ug/L		99
39) 2-butanone	7.495	72	4446	15.85	ug/L		81
40) 1,1-dichloroethane	6.533	63	62811	20.37	ug/L		100
41) chloroprene	6.664	53	48987	21.45	ug/L		98
42) acrylonitrile	5.921	53	51188	93.23	ug/L		97
43) vinyl acetate	6.669	86	3612	17.52	ug/L	#	14
44) ethyl tert-butyl ether	7.119	59	118792	20.93	ug/L		97
45) ethyl acetate	7.532	45	3730	18.20	ug/L	#	20
46) 2,2-dichloropropane	7.380	77	52182	20.31	ug/L		92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105439.D
Acq On : 8 Nov 2010 1:22 pm
Operator : alexm1
Sample : IC4490-20
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 09 11:16:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	cis-1,2-dichloroethene	7.406	96	35977	20.20	ug/L		95
48)	propionitrile	7.537	54	39463	193.44	ug/L		96
49)	bromochloromethane	7.746	128	16192	20.13	ug/L		96
50)	tetrahydrofuran	7.835	42	10163	18.67	ug/L		94
51)	chloroform	7.846	83	58153	21.10	ug/L		97
52)	tert-butyl formate	7.893	59	27736	20.05	ug/L	#	99
55)	freon 113	4.728	151	27306	20.82	ug/L		94
56)	methacrylonitrile	7.772	67	9304	16.58	ug/L		94
57)	1,1,1-trichloroethane	8.081	97	49668	20.09	ug/L		95
58)	Cyclohexane	8.144	84	56635	19.55	ug/L		100
60)	epichlorohydrin	10.492	57	15490	99.55	ug/L		95
61)	n-butyl alcohol	8.222	56	73156	1023.20	ug/L		97
62)	carbon tetrachloride	8.316	117	43506	19.53	ug/L		97
63)	1,1-dichloropropene	8.311	75	44948	19.80	ug/L		99
64)	hexane	6.261	86	9036	20.96	ug/L		95
66)	benzene	8.599	78	136810	21.01	ug/L		100
67)	2,2,4-trimethylpentane	8.630	57	151352	22.25	ug/L	#	48
68)	tert-amyl methyl ether	8.698	73	100528	21.30	ug/L		96
69)	heptane	8.871	57	31007	20.83	ug/L		98
70)	isopropyl acetate	8.656	61	17424	21.66	ug/L		97
71)	1,2-dichloroethane	8.646	62	43144	21.74	ug/L		98
73)	trichloroethene	9.430	95	33796	21.00	ug/L		99
75)	2-nitropropane	10.309	41	6835	17.87	ug/L		98
76)	2-chloroethyl vinyl ether	10.367	63	74354	99.04	ug/L		98
77)	ethyl acrylate	9.629	55	53546	21.51	ug/L	#	99
78)	methyl methacrylate	9.833	69	20445	18.62	ug/L		96
79)	1,2-dichloropropane	9.697	63	37100	21.42	ug/L		99
80)	dibromomethane	9.880	93	18202	20.85	ug/L		95
81)	methylcyclohexane	9.624	83	65247	21.77	ug/L		98
82)	bromodichloromethane	10.042	83	43512	20.57	ug/L		98
83)	cis-1,3-dichloropropene	10.565	75	60763	20.88	ug/L		97
85)	4-methyl-2-pentanone	10.712	58	11121	18.01	ug/L		97
86)	toluene	10.937	92	84946	20.77	ug/L		96
87)	3-methyl-1-butanol	10.822	55	27424	369.05	ug/L		73
88)	trans-1,3-dichloropropene	11.203	75	50798	20.13	ug/L		97
89)	ethyl methacrylate	11.256	69	41484	20.03	ug/L		95
90)	1,1,2-trichloroethane	11.407	83	23603	20.49	ug/L		97
91)	2-hexanone	11.690	58	18695	19.65	ug/L		94
93)	tetrachloroethene	11.564	164	31896	20.79	ug/L		97
94)	1,3-dichloropropane	11.601	76	50988	21.08	ug/L		99
95)	butyl acetate	11.784	56	17347	18.59	ug/L		89
96)	3,3-dimethyl-1-butanol	11.889	57	28982	184.53	ug/L		95
97)	dibromochloromethane	11.868	129	32175	20.39	ug/L		100
98)	1,2-dibromoethane	12.014	107	27594	19.80	ug/L		89
99)	chlorobenzene	12.521	112	98151	21.10	ug/L		98
100)	n-butyl ether	12.521	57	1079	16.48	ug/L	#	33
101)	1,1,1,2-tetrachloroethane	12.600	131	34875	20.75	ug/L		97
102)	ethylbenzene	12.605	91	165711	21.25	ug/L		99
103)	m,p-xylene	12.731	106	129957	42.88	ug/L		99
104)	o-xylene	13.170	106	65536	21.07	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105439.D
Acq On : 8 Nov 2010 1:22 pm
Operator : alexm1
Sample : IC4490-20
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 09 11:16:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

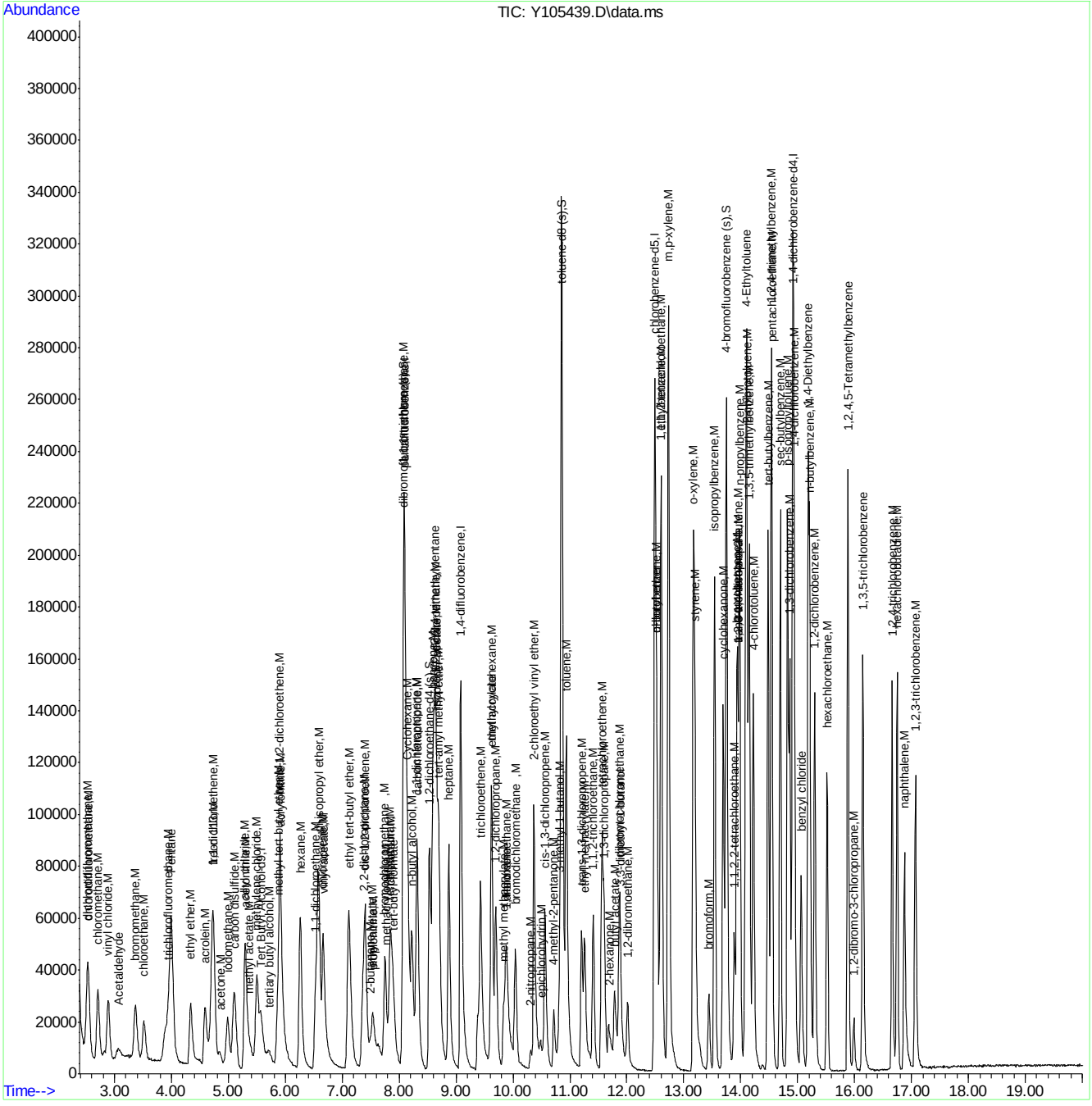
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105) styrene	13.196	104	108779	21.34	ug/L		94
106) bromoform	13.442	173	21315	18.92	ug/L		99
108) isopropylbenzene	13.541	105	172964	20.86	ug/L		99
110) cyclohexanone	13.693	55	93050	19.64	ug/L		97
111) bromobenzene	13.934	156	43823	21.18	ug/L		99
112) 1,1,2,2-tetrachloroethane	13.887	83	37558	19.80	ug/L		100
113) trans-1,4-dichloro-2-b...	13.949	53	10507	19.59	ug/L		98
114) 1,2,3-trichloropropane	13.949	110	10331	20.09	ug/L	#	71
115) n-propylbenzene	13.981	91	200910	21.25	ug/L		99
116) 4-Ethyltoluene	14.096	105	165815	21.74	ug/L		96
117) 2-chlorotoluene	14.111	126	41319	21.15	ug/L		91
118) 4-chlorotoluene	14.221	91	118752	20.07	ug/L		99
119) 1,3,5-trimethylbenzene	14.148	105	147177	20.14	ug/L		100
120) tert-butylbenzene	14.483	119	126682	21.25	ug/L		97
121) pentachloroethane	14.546	167	26414	20.32	ug/L		99
122) 1,2,4-trimethylbenzene	14.540	105	143168	20.77	ug/L		99
123) sec-butylbenzene	14.697	105	189533	20.55	ug/L		100
124) 1,3-dichlorobenzene	14.859	146	82701	21.81	ug/L		99
125) p-isopropyltoluene	14.823	119	160942	20.96	ug/L		99
126) 1,4-dichlorobenzene	14.938	146	84045	19.33	ug/L		98
127) 1,2-dichlorobenzene	15.299	146	79712	20.82	ug/L		99
128) benzyl chloride	15.063	91	78332	19.86	ug/L		98
129) 1,4-Diethylbenzene	15.184	119	99660	21.21	ug/L		98
130) n-butylbenzene	15.215	92	83410	21.16	ug/L		98
131) 1,2,4,5-Tetramethylben...	15.884	119	157538	22.01	ug/L		100
132) 1,2-dibromo-3-chloropr...	15.984	75	6686	18.68	ug/L		95
133) 1,3,5-trichlorobenzene	16.146	180	71771	21.20	ug/L		99
134) 1,2,4-trichlorobenzene	16.659	180	63079	21.58	ug/L		98
135) hexachlorobutadiene	16.747	225	38171	22.13	ug/L		98
136) naphthalene	16.878	128	106962	19.92	ug/L		99
137) 1,2,3-trichlorobenzene	17.072	180	53971	21.12	ug/L		97
138) hexachloroethane	15.518	201	25872	20.40	ug/L		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105439.D
Acq On : 8 Nov 2010 1:22 pm
Operator : alexm1
Sample : IC4490-20
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 09 11:16:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number:	VY4490-IC4490	**Method:**	SW846 8260B
Lab FileID:	Y105439.D	**Analyst approved:**	11/09/10 16:17 Ho Joong Kim
Injection Time:	11/08/10 13:22	**Supervisor approved:**	11/13/10 16:08 Kanya Veerawat

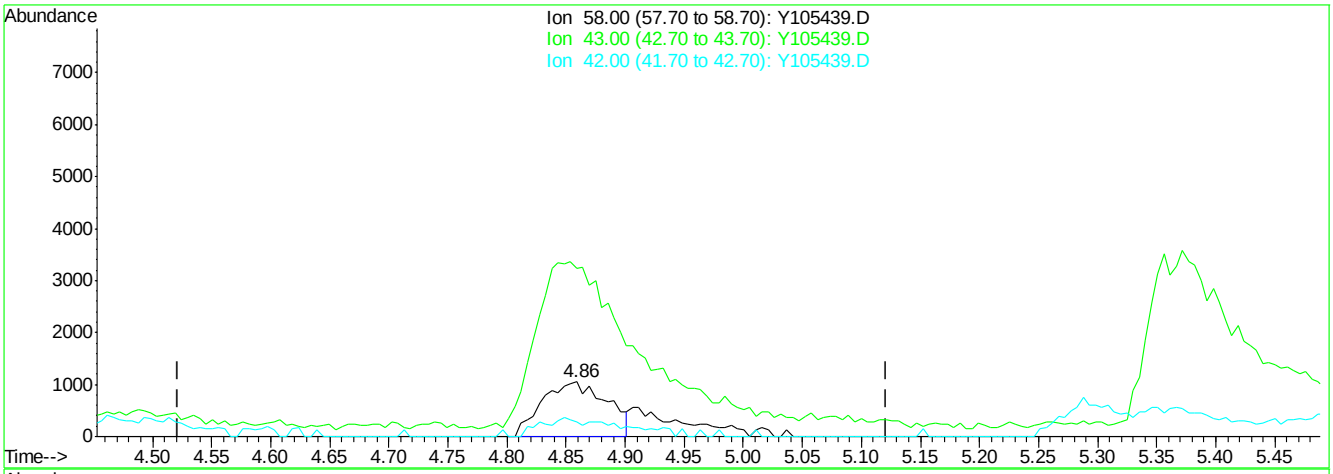
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetone	67-64-1		4.86	Poor instrument integration

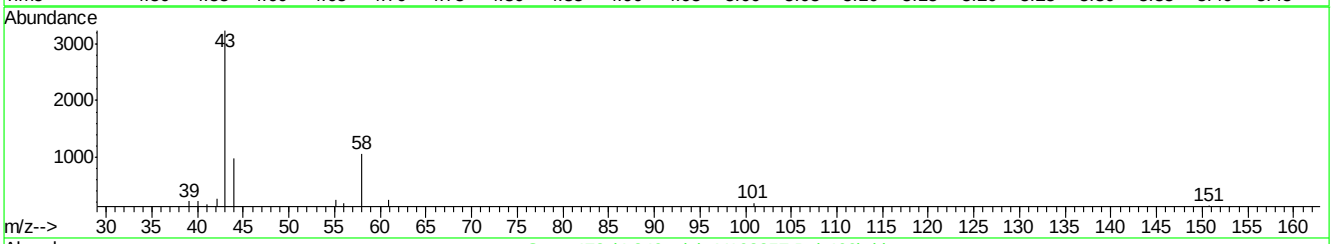
Quantitation Report (Qedit)

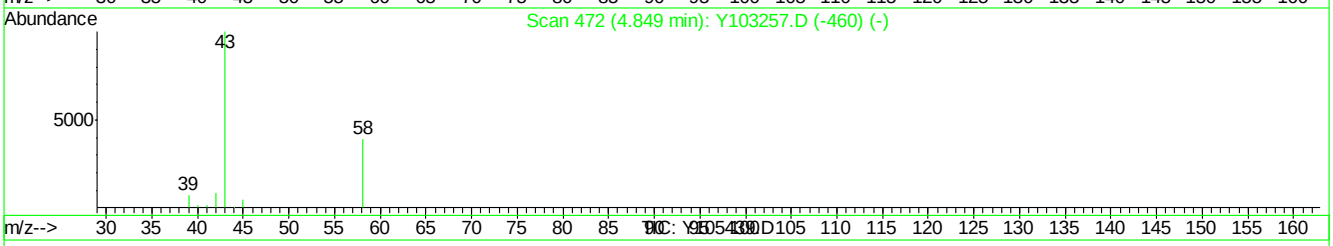
Data File : C:\MSDChem\1\DATA\Y105439.D Vial: 7
Acq On : 8 Nov 2010 1:22 pm Operator: alexm1
Sample : IC4490-20 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:28 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 11:12:12 2010
Response via : Multiple Level Calibration







(28) acetone (M)

4.86min 12.74ug/L

response 3982

Ion	Exp%	Act%
58.00	100	100
43.00	316.10	275.17#
42.00	27.70	25.98
0.00	0.00	0.00

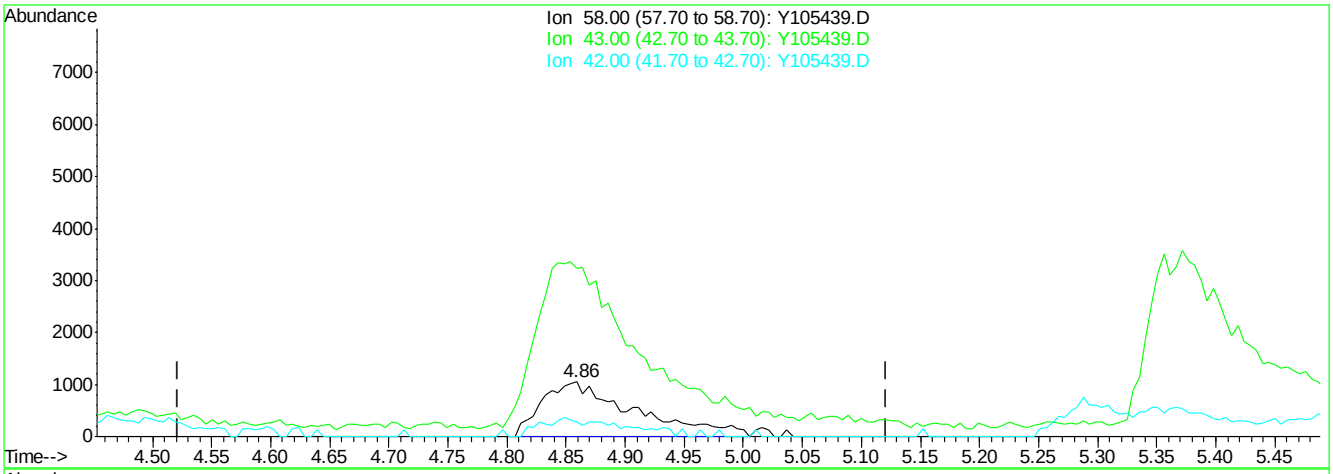
Y105439.D MYS4490.M Tue Nov 09 11:16:40 2010 RPT1

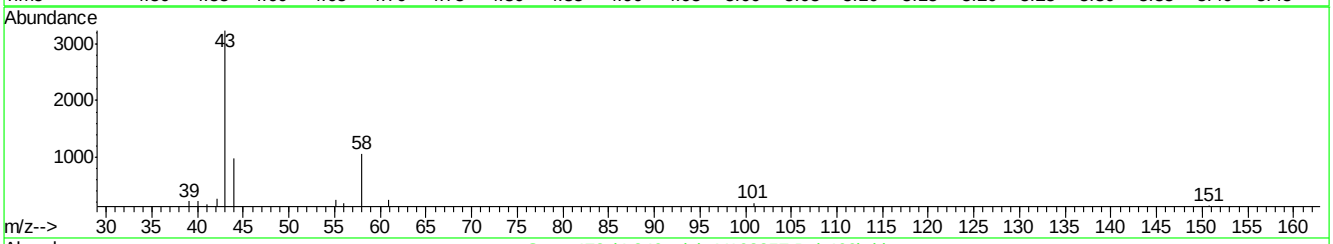
Quantitation Report (Qedit)

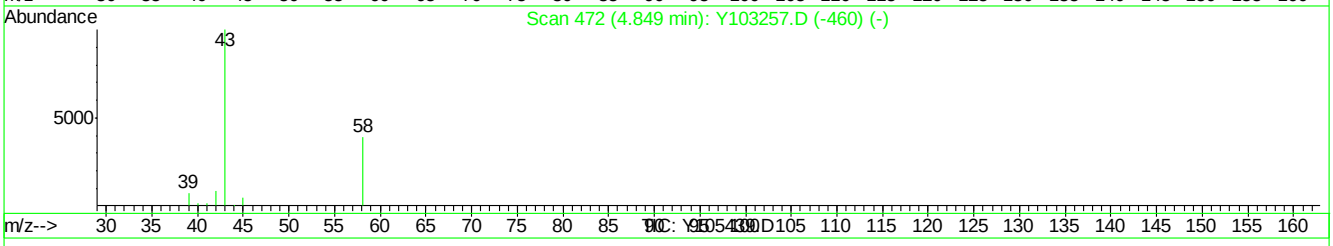
Data File : C:\MSDChem\1\DATA\Y105439.D Vial: 7
Acq On : 8 Nov 2010 1:22 pm Operator: alexm1
Sample : IC4490-20 Inst : MSY
Misc : MS4408,VY4490,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Nov 09 10:57:28 2010 Results File: MYS4490.RES

Method : C:\MSDCHEM\1\METHODS\MYS4490.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
Last Update : Tue Nov 09 11:12:12 2010
Response via : Multiple Level Calibration







(28) acetone (M)

4.86min 18.21ug/L m

response 5693

Ion	Exp%	Act%
58.00	100	100
43.00	316.10	307.90#
42.00	27.70	25.98
0.00	0.00	0.00

Y105439.D MYS4490.M Tue Nov 09 11:16:46 2010 RPT1

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105440.D
Acq On : 8 Nov 2010 2:07 pm
Operator : alexm1
Sample : ICC4490-50
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 10:57:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.565	65	75595	500.00	ug/L		0.00
4) pentafluorobenzene	8.091	168	151681	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.074	114	217211	50.00	ug/L		0.00
92) chlorobenzene-d5	12.490	117	201861	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.917	152	100312	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.070	113	77061	52.93	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 105.86%				
54) 1,2-dichloroethane-d4 (s)	8.525	65	92938	51.95	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 103.90%				
84) toluene-d8 (s)	10.847	98	318334	50.46	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 100.92%				
109) 4-bromofluorobenzene (s)	13.750	95	120911	48.61	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 97.22%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.696	59	60194	248.48	ug/L		100
3) 1,4-dioxane	9.864	88	22518	1158.14	ug/L		100
10) chlorodifluoromethane	2.531	51	121632	51.97	ug/L		100
11) dichlorodifluoromethane	2.526	85	154208	53.71	ug/L		100
12) chloromethane	2.709	50	156005	50.21	ug/L		100
15) vinyl chloride	2.892	62	124611	53.88	ug/L		100
16) Acetaldehyde	3.065	44	35545	523.52	ug/L		100
17) bromomethane	3.363	94	77483	51.74	ug/L		100
18) chloroethane	3.509	64	74609	52.63	ug/L		100
20) trichlorofluoromethane	3.933	101	142454	52.76	ug/L		100
21) Pentane	3.985	43	206464	51.75	ug/L		100
22) ethyl ether	4.325	74	53771	52.59	ug/L		100
26) acrolein	4.576	56	158417	577.73	ug/L		100
27) 1,1-dichloroethene	4.723	96	76187	52.28	ug/L		100
28) acetone	4.822	58	18556	58.77	ug/L	#	100
29) allyl chloride	5.277	78	14906	49.21	ug/L		100
30) acetonitrile	5.282	40	70475	546.36	ug/L		100
31) iodomethane	4.979	142	139737	52.24	ug/L		100
33) carbon disulfide	5.094	76	271483	52.03	ug/L		100
34) methylene chloride	5.492	84	88590	52.02	ug/L		100
35) methyl acetate	5.335	43	61127	51.45	ug/L		100
36) methyl tert butyl ether	5.868	73	267333	55.25	ug/L		100
37) trans-1,2-dichloroethene	5.889	96	84157	52.77	ug/L		100
38) di-isopropyl ether	6.569	45	324998	53.57	ug/L		100
39) 2-butanone	7.443	72	18133	58.26	ug/L		100
40) 1,1-dichloroethane	6.527	63	163597	52.54	ug/L		100
41) chloroprene	6.648	53	120314	52.18	ug/L		100
42) acrylonitrile	5.879	53	149150	269.03	ug/L		100
43) vinyl acetate	6.616	86	14489	53.40	ug/L		100
44) ethyl tert-butyl ether	7.113	59	305622	53.33	ug/L		100
45) ethyl acetate	7.479	45	12699	54.35	ug/L		100
46) 2,2-dichloropropane	7.364	77	133780	51.57	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105440.D
Acq On : 8 Nov 2010 2:07 pm
Operator : alexm1
Sample : ICC4490-50
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 10:57:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	cis-1,2-dichloroethene	7.396	96	91175	50.70	ug/L		100
48)	propionitrile	7.500	54	116292	564.52	ug/L		100
49)	bromochloromethane	7.730	128	42812	52.72	ug/L		100
50)	tetrahydrofuran	7.809	42	31044	56.48	ug/L		100
51)	chloroform	7.835	83	146331	52.59	ug/L		100
52)	tert-butyl formate	7.882	59	76110	54.48	ug/L	#	100
55)	freon 113	4.723	151	70265	53.07	ug/L		100
56)	methacrylonitrile	7.725	67	30327	53.53	ug/L		100
57)	1,1,1-trichloroethane	8.081	97	126795	50.78	ug/L		100
58)	Cyclohexane	8.149	84	138170	47.23	ug/L		100
60)	epichlorohydrin	10.471	57	41911	262.87	ug/L		100
61)	n-butyl alcohol	8.211	56	189703	2589.43	ug/L		100
62)	carbon tetrachloride	8.311	117	111244	48.73	ug/L		100
63)	1,1-dichloropropene	8.306	75	117288	50.42	ug/L		100
64)	hexane	6.250	86	23927	54.16	ug/L		100
66)	benzene	8.583	78	342442	51.31	ug/L		100
67)	2,2,4-trimethylpentane	8.625	57	379446	54.45	ug/L		99
68)	tert-amyl methyl ether	8.687	73	262391	54.27	ug/L		100
69)	heptane	8.860	57	77816	51.02	ug/L		100
70)	isopropyl acetate	8.640	61	44535	54.03	ug/L		100
71)	1,2-dichloroethane	8.625	62	110443	54.30	ug/L		100
73)	trichloroethene	9.414	95	85610	51.93	ug/L		100
75)	2-nitropropane	10.298	41	21223	54.15	ug/L		100
76)	2-chloroethyl vinyl ether	10.356	63	217713	283.01	ug/L		100
77)	ethyl acrylate	9.618	55	135457	53.12	ug/L		100
78)	methyl methacrylate	9.807	69	63146	56.11	ug/L		100
79)	1,2-dichloropropane	9.686	63	94587	53.29	ug/L		100
80)	dibromomethane	9.864	93	47410	53.00	ug/L		100
81)	methylcyclohexane	9.618	83	164129	53.44	ug/L		100
82)	bromodichloromethane	10.037	83	113488	52.36	ug/L		100
83)	cis-1,3-dichloropropene	10.549	75	153665	51.54	ug/L		100
85)	4-methyl-2-pentanone	10.701	58	35371	55.90	ug/L		100
86)	toluene	10.926	92	216216	51.59	ug/L		100
87)	3-methyl-1-butanol	10.795	55	87753	1043.23	ug/L		100
88)	trans-1,3-dichloropropene	11.187	75	138366	53.50	ug/L		100
89)	ethyl methacrylate	11.240	69	115343	54.35	ug/L		100
90)	1,1,2-trichloroethane	11.397	83	62234	52.73	ug/L		100
91)	2-hexanone	11.648	58	54651	56.06	ug/L		100
93)	tetrachloroethene	11.559	164	80346	50.52	ug/L		100
94)	1,3-dichloropropane	11.590	76	131467	52.42	ug/L		100
95)	butyl acetate	11.758	56	55844	53.13	ug/L		100
96)	3,3-dimethyl-1-butanol	11.867	57	96915	595.21	ug/L		100
97)	dibromochloromethane	11.862	129	86217	52.71	ug/L		100
98)	1,2-dibromoethane	12.003	107	74460	52.86	ug/L		100
99)	chlorobenzene	12.521	112	249875	51.83	ug/L		100
100)	n-butyl ether	12.526	57	3300	36.08	ug/L	#	100
101)	1,1,1,2-tetrachloroethane	12.594	131	89644	51.45	ug/L		100
102)	ethylbenzene	12.600	91	414933	51.32	ug/L		100
103)	m,p-xylene	12.725	106	322435	102.63	ug/L		100
104)	o-xylene	13.164	106	165666	51.37	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105440.D
Acq On : 8 Nov 2010 2:07 pm
Operator : alexm1
Sample : ICC4490-50
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 10:57:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

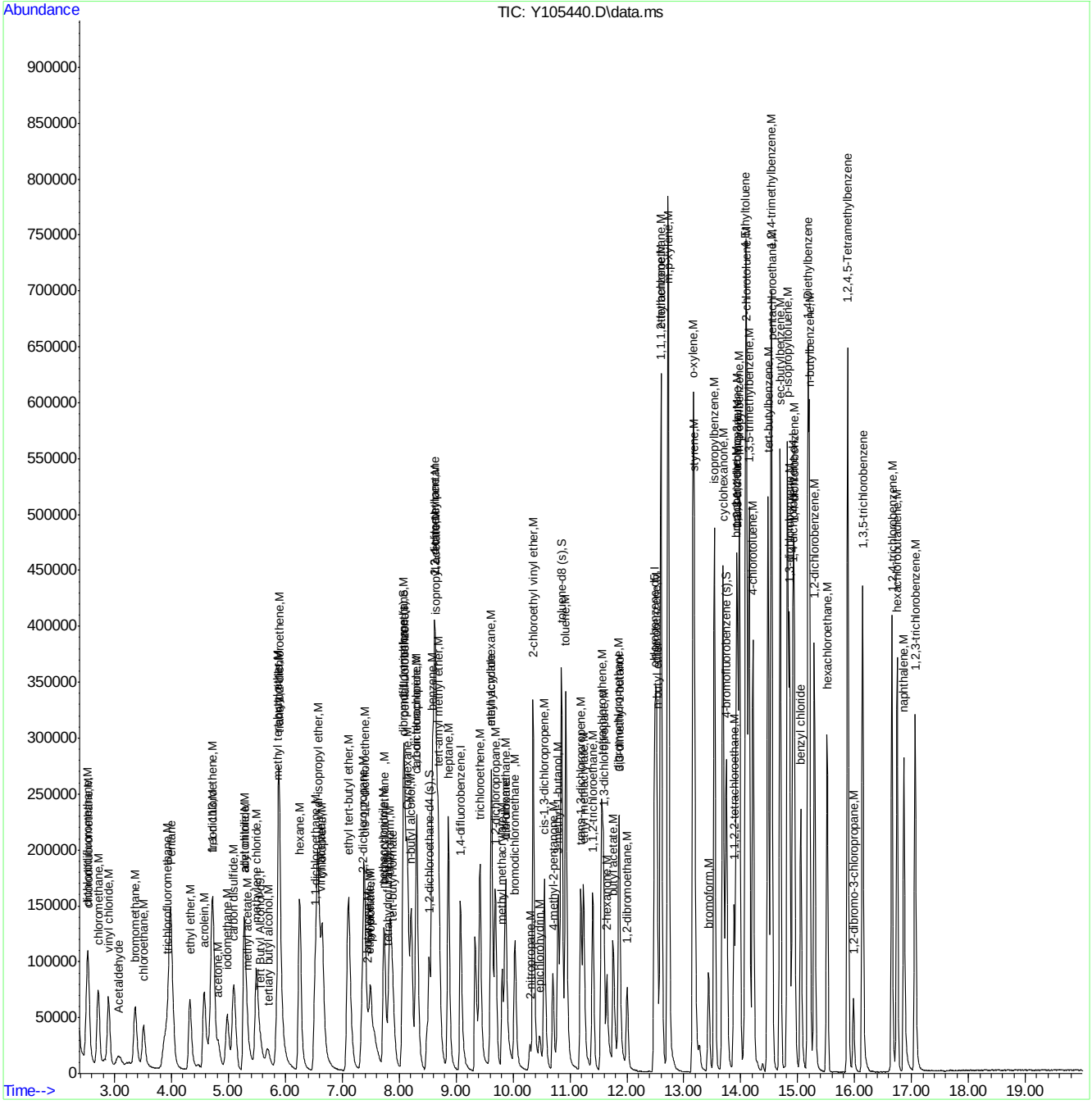
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) styrene	13.185	104	279188	52.82	ug/L	100
106) bromoform	13.436	173	62530	53.53	ug/L	100
108) isopropylbenzene	13.541	105	435613	51.02	ug/L	100
110) cyclohexanone	13.688	55	288322	59.12	ug/L	100
111) bromobenzene	13.928	156	111061	52.14	ug/L	100
112) 1,1,2,2-tetrachloroethane	13.886	83	104621	53.58	ug/L	100
113) trans-1,4-dichloro-2-b...	13.939	53	30298	54.86	ug/L	100
114) 1,2,3-trichloropropane	13.939	110	27993	52.87	ug/L	100
115) n-propylbenzene	13.975	91	500053	51.38	ug/L	100
116) 4-Ethyltoluene	14.090	105	439619	55.98	ug/L	100
117) 2-chlorotoluene	14.106	126	100957	50.19	ug/L	100
118) 4-chlorotoluene	14.216	91	302419	49.65	ug/L	100
119) 1,3,5-trimethylbenzene	14.148	105	347617	46.20	ug/L	100
120) tert-butylbenzene	14.483	119	321806	52.43	ug/L	100
121) pentachloroethane	14.545	167	67675	50.56	ug/L	100
122) 1,2,4-trimethylbenzene	14.535	105	360328	50.78	ug/L	100
123) sec-butylbenzene	14.692	105	482188	50.78	ug/L	100
124) 1,3-dichlorobenzene	14.859	146	206106	52.79	ug/L	100
125) p-isopropyltoluene	14.822	119	404833	51.20	ug/L	100
126) 1,4-dichlorobenzene	14.938	146	214757	47.97	ug/L	100
127) 1,2-dichlorobenzene	15.293	146	203926	51.73	ug/L	100
128) benzyl chloride	15.058	91	221105	54.45	ug/L	100
129) 1,4-Diethylbenzene	15.178	119	259470	53.65	ug/L	100
130) n-butylbenzene	15.210	92	211942	52.22	ug/L	100
131) 1,2,4,5-Tetramethylben...	15.879	119	413747	56.15	ug/L	100
132) 1,2-dibromo-3-chloropr...	15.984	75	20377	55.29	ug/L	100
133) 1,3,5-trichlorobenzene	16.146	180	185452	53.20	ug/L	100
134) 1,2,4-trichlorobenzene	16.658	180	165213	54.89	ug/L	100
135) hexachlorobutadiene	16.747	225	92622	52.14	ug/L	100
136) naphthalene	16.867	128	303195	54.86	ug/L	100
137) 1,2,3-trichlorobenzene	17.066	180	142082	53.99	ug/L	100
138) hexachloroethane	15.518	201	67868	51.97	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105440.D
Acq On : 8 Nov 2010 2:07 pm
Operator : alexm1
Sample : ICC4490-50
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 10:57:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105441.D
Acq On : 8 Nov 2010 2:36 pm
Operator : alexm1
Sample : IC4490-100
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 09 10:57:33 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.570	65	68686	500.00	ug/L		0.00
4) pentafluorobenzene	8.086	168	146197	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.075	114	211425	50.00	ug/L		0.00
92) chlorobenzene-d5	12.485	117	200417	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.912	152	99933	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.065	113	146412	104.34	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 208.68%#				
54) 1,2-dichloroethane-d4 (s)	8.520	65	171441	99.42	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 198.84%#				
84) toluene-d8 (s)	10.848	98	594401	96.79	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 193.58%#				
109) 4-bromofluorobenzene (s)	13.745	95	231454	93.41	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 186.82%#				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.685	59	110218	500.74	ug/L		99
3) 1,4-dioxane	9.859	88	45198	2468.47	ug/L	#	86
10) chlorodifluoromethane	2.532	51	233830	103.65	ug/L		99
11) dichlorodifluoromethane	2.526	85	279211	100.90	ug/L		97
12) chloromethane	2.715	50	288938	96.48	ug/L		99
15) vinyl chloride	2.898	62	230478	103.39	ug/L		99
16) Acetaldehyde	3.070	44	71317	1089.78	ug/L		96
17) bromomethane	3.363	94	143629	99.50	ug/L		97
18) chloroethane	3.504	64	140338	102.70	ug/L		96
20) trichlorofluoromethane	3.938	101	263561	101.27	ug/L		98
21) Pentane	3.986	43	379965	98.80	ug/L		99
22) ethyl ether	4.320	74	101612	103.12	ug/L		98
27) 1,1-dichloroethene	4.718	96	144403	102.82	ug/L		97
28) acetone	4.822	58	30103	98.92	ug/L	#	87
29) allyl chloride	5.283	78	30864	105.70	ug/L		87
30) acetonitrile	5.277	40	130373	1056.91	ug/L		95
31) iodomethane	4.979	142	268617	104.20	ug/L		96
33) carbon disulfide	5.094	76	514341	102.27	ug/L		99
34) methylene chloride	5.492	84	170099	103.63	ug/L		98
35) methyl acetate	5.324	43	118144	101.62	ug/L		97
36) methyl tert butyl ether	5.868	73	496177	106.39	ug/L		99
37) trans-1,2-dichloroethene	5.884	96	158017	102.80	ug/L		96
38) di-isopropyl ether	6.569	45	619265	105.91	ug/L		97
39) 2-butanone	7.432	72	29863	98.19	ug/L		81
40) 1,1-dichloroethane	6.522	63	313292	104.39	ug/L		99
41) chloroprene	6.648	53	221781	99.79	ug/L		97
42) acrylonitrile	5.868	53	269662	504.65	ug/L		98
43) vinyl acetate	6.595	86	28781	104.27	ug/L		60
44) ethyl tert-butyl ether	7.108	59	584991	105.91	ug/L		99
45) ethyl acetate	7.458	45	23179	100.29	ug/L	#	95
46) 2,2-dichloropropane	7.364	77	251591	100.63	ug/L		99
47) cis-1,2-dichloroethene	7.385	96	174744	100.82	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105441.D
Acq On : 8 Nov 2010 2:36 pm
Operator : alexm1
Sample : IC4490-100
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 09 10:57:33 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) propionitrile	7.490	54	214265	1079.14	ug/L		98
49) bromochloromethane	7.730	128	82432	105.32	ug/L		95
50) tetrahydrofuran	7.798	42	54731	103.30	ug/L		96
51) chloroform	7.835	83	279028	104.04	ug/L		98
52) tert-butyl formate	7.872	59	138398	102.78	ug/L	#	100
55) freon 113	4.723	151	129692	101.63	ug/L		92
56) methacrylonitrile	7.709	67	58517	107.16	ug/L		94
57) 1,1,1-trichloroethane	8.081	97	241070	100.18	ug/L		97
58) Cyclohexane	8.144	84	257415	91.29	ug/L		99
60) epichlorohydrin	10.461	57	79494	512.24	ug/L		97
61) n-butyl alcohol	8.206	56	351759	4932.88	ug/L		99
62) carbon tetrachloride	8.306	117	210147	94.58	ug/L		97
63) 1,1-dichloropropene	8.300	75	224085	98.97	ug/L		99
64) hexane	6.245	86	44691	103.92	ug/L		91
66) benzene	8.583	78	657975	101.29	ug/L		99
67) 2,2,4-trimethylpentane	8.630	57	697088	102.76	ug/L		99
68) tert-amyl methyl ether	8.688	73	490293	104.18	ug/L		99
69) heptane	8.860	57	146150	98.45	ug/L		97
70) isopropyl acetate	8.630	61	82375	102.68	ug/L		93
71) 1,2-dichloroethane	8.625	62	205736	103.92	ug/L		98
73) trichloroethene	9.415	95	164413	102.45	ug/L		98
75) 2-nitropropane	10.293	41	39380	103.22	ug/L		99
76) 2-chloroethyl vinyl ether	10.351	63	403420	538.77	ug/L		99
77) ethyl acrylate	9.619	55	250405	100.88	ug/L		100
78) methyl methacrylate	9.796	69	116749	106.59	ug/L		99
79) 1,2-dichloropropane	9.687	63	181718	105.19	ug/L		99
80) dibromomethane	9.859	93	90373	103.79	ug/L		100
81) methylcyclohexane	9.619	83	307003	102.69	ug/L		99
82) bromodichloromethane	10.032	83	220166	104.37	ug/L		98
83) cis-1,3-dichloropropene	10.544	75	298642	102.90	ug/L		98
85) 4-methyl-2-pentanone	10.691	58	67477	109.56	ug/L		98
86) toluene	10.926	92	416205	102.02	ug/L		100
87) 3-methyl-1-butanol	10.785	55	163863	1954.09	ug/L		98
88) trans-1,3-dichloropropene	11.182	75	269757	107.17	ug/L		99
89) ethyl methacrylate	11.229	69	218102	105.57	ug/L		98
90) 1,1,2-trichloroethane	11.397	83	119499	104.02	ug/L		93
91) 2-hexanone	11.637	58	92169	97.14	ug/L		97
93) tetrachloroethene	11.554	164	154394	97.77	ug/L		97
94) 1,3-dichloropropane	11.585	76	249506	100.20	ug/L		98
95) butyl acetate	11.752	56	105209	98.85	ug/L		95
96) 3,3-dimethyl-1-butanol	11.857	57	179325	1109.28	ug/L		98
97) dibromochloromethane	11.862	129	165101	101.67	ug/L		98
98) 1,2-dibromoethane	11.998	107	141976	102.29	ug/L		95
99) chlorobenzene	12.516	112	486484	101.63	ug/L		99
100) n-butyl ether	12.527	57	12265	117.42	ug/L	#	18
101) 1,1,1,2-tetrachloroethane	12.595	131	172209	99.55	ug/L		97
102) ethylbenzene	12.600	91	795363	99.08	ug/L		99
103) m,p-xylene	12.720	106	623694	199.95	ug/L		100
104) o-xylene	13.159	106	323813	101.13	ug/L		99
105) styrene	13.180	104	543813	103.63	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105441.D
Acq On : 8 Nov 2010 2:36 pm
Operator : alexm1
Sample : IC4490-100
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 09 10:57:33 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

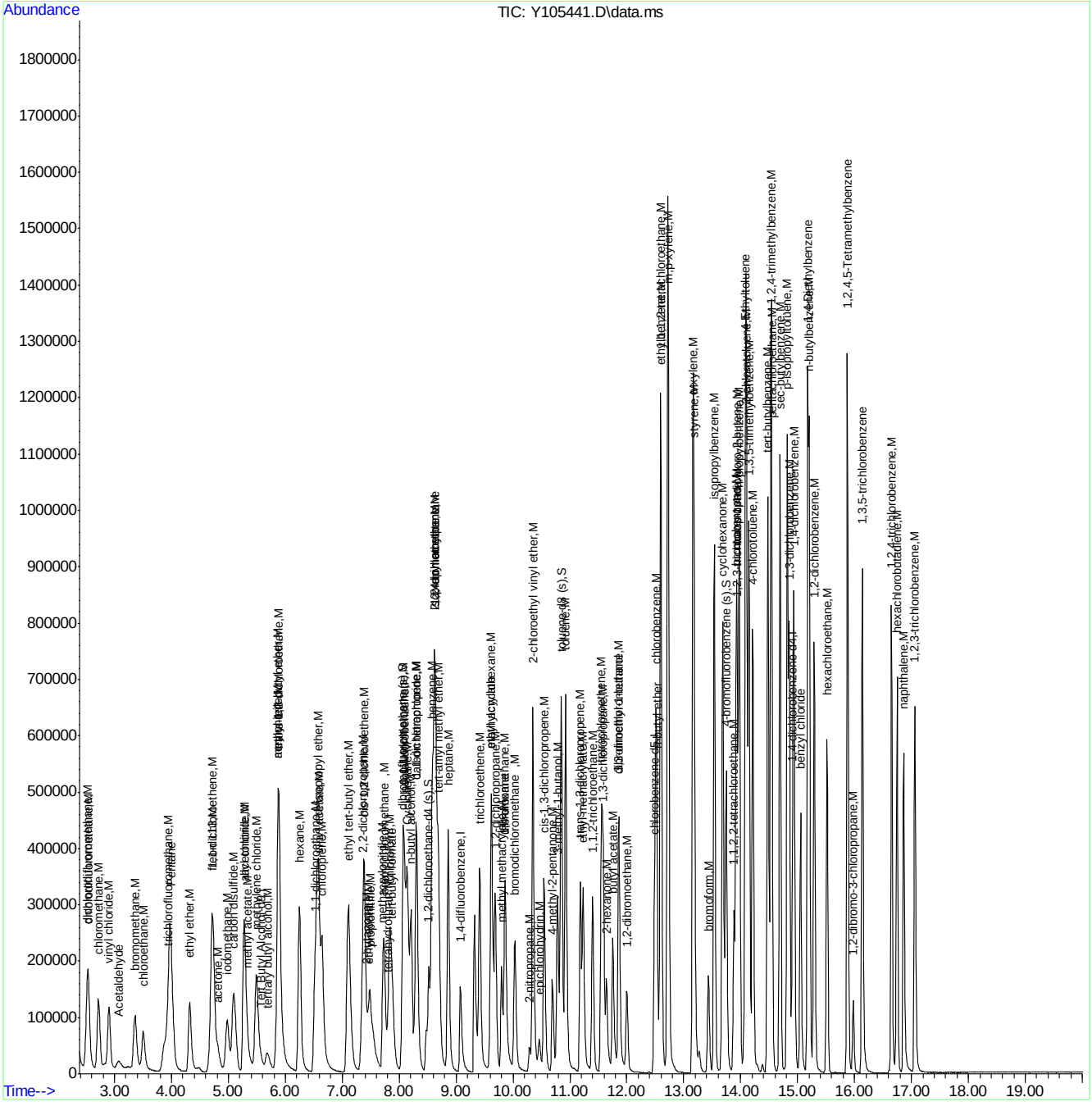
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) bromoform	13.431	173	119514	103.05	ug/L		98
108) isopropylbenzene	13.536	105	837665	98.48	ug/L		99
110) cyclohexanone	13.682	55	488211	100.48	ug/L		99
111) bromobenzene	13.923	156	216038	101.81	ug/L		96
112) 1,1,2,2-tetrachloroethane	13.881	83	194803	100.14	ug/L		99
113) trans-1,4-dichloro-2-b...	13.933	53	56270	102.27	ug/L	#	86
114) 1,2,3-trichloropropane	13.939	110	51709	98.03	ug/L	#	83
115) n-propylbenzene	13.975	91	957056	98.71	ug/L		99
116) 4-Ethyltoluene	14.085	105	813774	104.01	ug/L		97
117) 2-chlorotoluene	14.106	126	197109	98.37	ug/L		94
118) 4-chlorotoluene	14.211	91	591933	97.54	ug/L		99
119) 1,3,5-trimethylbenzene	14.143	105	685809	91.50	ug/L		99
120) tert-butylbenzene	14.477	119	629893	103.01	ug/L		97
121) pentachloroethane	14.545	167	133307	99.98	ug/L		98
122) 1,2,4-trimethylbenzene	14.530	105	703095	99.45	ug/L		99
123) sec-butylbenzene	14.692	105	935518	98.89	ug/L		99
124) 1,3-dichlorobenzene	14.854	146	404141	103.91	ug/L		99
125) p-isopropyltoluene	14.817	119	793222	100.70	ug/L		99
126) 1,4-dichlorobenzene	14.932	146	421788	94.57	ug/L		99
127) 1,2-dichlorobenzene	15.293	146	402530	102.50	ug/L		99
128) benzyl chloride	15.053	91	420964	104.07	ug/L		100
129) 1,4-Diethylbenzene	15.178	119	489218	101.53	ug/L		99
130) n-butylbenzene	15.204	92	409230	101.21	ug/L		99
131) 1,2,4,5-Tetramethylben...	15.874	119	790569	107.69	ug/L		99
132) 1,2-dibromo-3-chloropr...	15.978	75	38407	104.61	ug/L		97
133) 1,3,5-trichlorobenzene	16.141	180	366362	105.50	ug/L		100
134) 1,2,4-trichlorobenzene	16.653	180	326596	108.92	ug/L		98
135) hexachlorobutadiene	16.747	225	175918	99.41	ug/L		99
136) naphthalene	16.862	128	590385	107.22	ug/L		99
137) 1,2,3-trichlorobenzene	17.061	180	279362	106.56	ug/L		100
138) hexachloroethane	15.518	201	136045	104.57	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105441.D
Acq On : 8 Nov 2010 2:36 pm
Operator : alexm1
Sample : IC4490-100
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 09 10:57:33 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105442.D
Acq On : 8 Nov 2010 3:05 pm
Operator : alexm1
Sample : IC4490-200
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 09 11:20:34 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.570	65	67073	500.00	ug/L		0.00
4) pentafluorobenzene	8.081	168	148059	50.00	ug/L		-0.01
59) 1,4-difluorobenzene	9.074	114	217575	50.00	ug/L		0.00
92) chlorobenzene-d5	12.484	117	202931	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.911	152	102085	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.060	113	287730	202.47	ug/L		-0.01
Spiked Amount 50.000	Range 67 - 127		Recovery =	404.94%#			
54) 1,2-dichloroethane-d4 (s)	8.515	65	334018	191.26	ug/L		-0.01
Spiked Amount 50.000	Range 65 - 132		Recovery =	382.52%#			
84) toluene-d8 (s)	10.842	98	1162658	183.97	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery =	367.94%#			
109) 4-bromofluorobenzene (s)	13.740	95	449846	177.71	ug/L		-0.01
Spiked Amount 50.000	Range 62 - 138		Recovery =	355.42%#			
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.675	59	225601	1049.60	ug/L		97
3) 1,4-dioxane	9.848	88	91392	5031.71	ug/L	#	85
10) chlorodifluoromethane	2.526	51	436622	191.11	ug/L		98
11) dichlorodifluoromethane	2.516	85	554353	197.81	ug/L		98
12) chloromethane	2.720	50	573614	189.12	ug/L		99
15) vinyl chloride	2.903	62	459154	203.38	ug/L		99
16) Acetaldehyde	3.065	44	119617	1804.86	ug/L		98
17) bromomethane	3.342	94	266596	182.37	ug/L		97
18) chloroethane	3.488	64	284562	205.63	ug/L		98
20) trichlorofluoromethane	3.923	101	529850	201.04	ug/L		100
21) Pentane	3.964	43	784305	201.38	ug/L		99
22) ethyl ether	4.310	74	197880	198.28	ug/L		98
27) 1,1-dichloroethene	4.702	96	289652	203.64	ug/L		99
28) acetone	4.801	58	62979	204.35	ug/L	#	91
29) allyl chloride	5.267	78	61178	206.89	ug/L		92
30) acetonitrile	5.262	40	244518	1965.00	ug/L		93
31) iodomethane	4.969	142	529773	202.91	ug/L		97
33) carbon disulfide	5.078	76	1033894	202.99	ug/L		99
34) methylene chloride	5.481	84	326923	196.67	ug/L		98
35) methyl acetate	5.303	43	235990	198.93	ug/L		96
36) methyl tert butyl ether	5.863	73	943600	199.78	ug/L		100
37) trans-1,2-dichloroethene	5.879	96	310179	199.25	ug/L		97
38) di-isopropyl ether	6.564	45	1171212	197.79	ug/L	#	55
39) 2-butanone	7.395	72	62012	199.34	ug/L		91
40) 1,1-dichloroethane	6.517	63	613675	201.91	ug/L		99
41) chloroprene	6.637	53	447249	198.70	ug/L		97
42) acrylonitrile	5.853	53	534706	988.07	ug/L		97
43) vinyl acetate	6.574	86	56615	197.39	ug/L	#	33
44) ethyl tert-butyl ether	7.103	59	1106339	197.78	ug/L		100
45) ethyl acetate	7.448	45	47292	199.04	ug/L		83
46) 2,2-dichloropropane	7.359	77	498058	196.70	ug/L		99
47) cis-1,2-dichloroethene	7.375	96	339709	193.53	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105442.D
Acq On : 8 Nov 2010 3:05 pm
Operator : alexm1
Sample : IC4490-200
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 09 11:20:34 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	propionitrile	7.479	54	427758	2127.29	ug/L		97
49)	bromochloromethane	7.725	128	158390	199.82	ug/L		97
50)	tetrahydrofuran	7.788	42	110233	205.45	ug/L		93
51)	chloroform	7.830	83	538837	198.39	ug/L		97
52)	tert-butyl formate	7.871	59	266975	195.77	ug/L	#	99
55)	freon 113	4.707	151	261407	202.26	ug/L		95
56)	methacrylonitrile	7.699	67	118542	214.35	ug/L		92
57)	1,1,1-trichloroethane	8.075	97	482582	198.01	ug/L		96
58)	Cyclohexane	8.143	84	512471	179.46	ug/L		98
60)	epichlorohydrin	10.450	57	157996	989.32	ug/L		95
61)	n-butyl alcohol	8.201	56	721456	9831.34	ug/L		100
62)	carbon tetrachloride	8.306	117	423276	185.12	ug/L		99
63)	1,1-dichloropropene	8.295	75	450995	193.55	ug/L		100
64)	hexane	6.240	86	90591	204.70	ug/L	#	87
66)	benzene	8.578	78	1272673	190.38	ug/L		99
67)	2,2,4-trimethylpentane	8.630	57	1369203	196.13	ug/L		98
68)	tert-amyl methyl ether	8.687	73	942775	194.66	ug/L		97
69)	heptane	8.855	57	297532	194.75	ug/L		98
70)	isopropyl acetate	8.625	61	167190	202.50	ug/L		96
71)	1,2-dichloroethane	8.619	62	392999	192.90	ug/L		97
73)	trichloroethene	9.409	95	326006	197.41	ug/L		98
75)	2-nitropropane	10.288	41	84730	215.81	ug/L		97
76)	2-chloroethyl vinyl ether	10.345	63	821995	1066.75	ug/L		99
77)	ethyl acrylate	9.618	55	501133	196.18	ug/L	#	99
78)	methyl methacrylate	9.791	69	231570	205.44	ug/L		97
79)	1,2-dichloropropane	9.686	63	347180	195.29	ug/L		100
80)	dibromomethane	9.859	93	174547	194.79	ug/L		97
81)	methylcyclohexane	9.618	83	615389	200.02	ug/L		100
82)	bromodichloromethane	10.031	83	429238	197.72	ug/L		99
83)	cis-1,3-dichloropropene	10.544	75	570022	190.86	ug/L		98
85)	4-methyl-2-pentanone	10.685	58	131904	208.11	ug/L		98
86)	toluene	10.921	92	815460	194.24	ug/L		99
87)	3-methyl-1-butanol	10.774	55	351234	4014.40	ug/L		96
88)	trans-1,3-dichloropropene	11.182	75	523553	202.11	ug/L		97
89)	ethyl methacrylate	11.229	69	424788	199.81	ug/L		99
90)	1,1,2-trichloroethane	11.397	83	229002	193.70	ug/L		95
91)	2-hexanone	11.632	58	192596	197.24	ug/L		98
93)	tetrachloroethene	11.554	164	307437	192.27	ug/L		99
94)	1,3-dichloropropane	11.585	76	474920	188.37	ug/L		99
95)	butyl acetate	11.747	56	217952	199.95	ug/L		92
96)	3,3-dimethyl-1-butanol	11.852	57	374422	2287.42	ug/L		97
97)	dibromochloromethane	11.857	129	318306	193.59	ug/L		99
98)	1,2-dibromoethane	11.993	107	277446	198.19	ug/L		99
99)	chlorobenzene	12.516	112	947169	195.41	ug/L		99
100)	n-butyl ether	12.526	57	21095	194.96	ug/L	#	20
101)	1,1,1,2-tetrachloroethane	12.589	131	332976	190.09	ug/L		97
102)	ethylbenzene	12.600	91	1561285	192.08	ug/L		99
103)	m,p-xylene	12.720	106	1232989	390.39	ug/L		97
104)	o-xylene	13.159	106	629941	194.30	ug/L		96
105)	styrene	13.175	104	1055212	198.59	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105442.D
Acq On : 8 Nov 2010 3:05 pm
Operator : alexm1
Sample : IC4490-200
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 09 11:20:34 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration

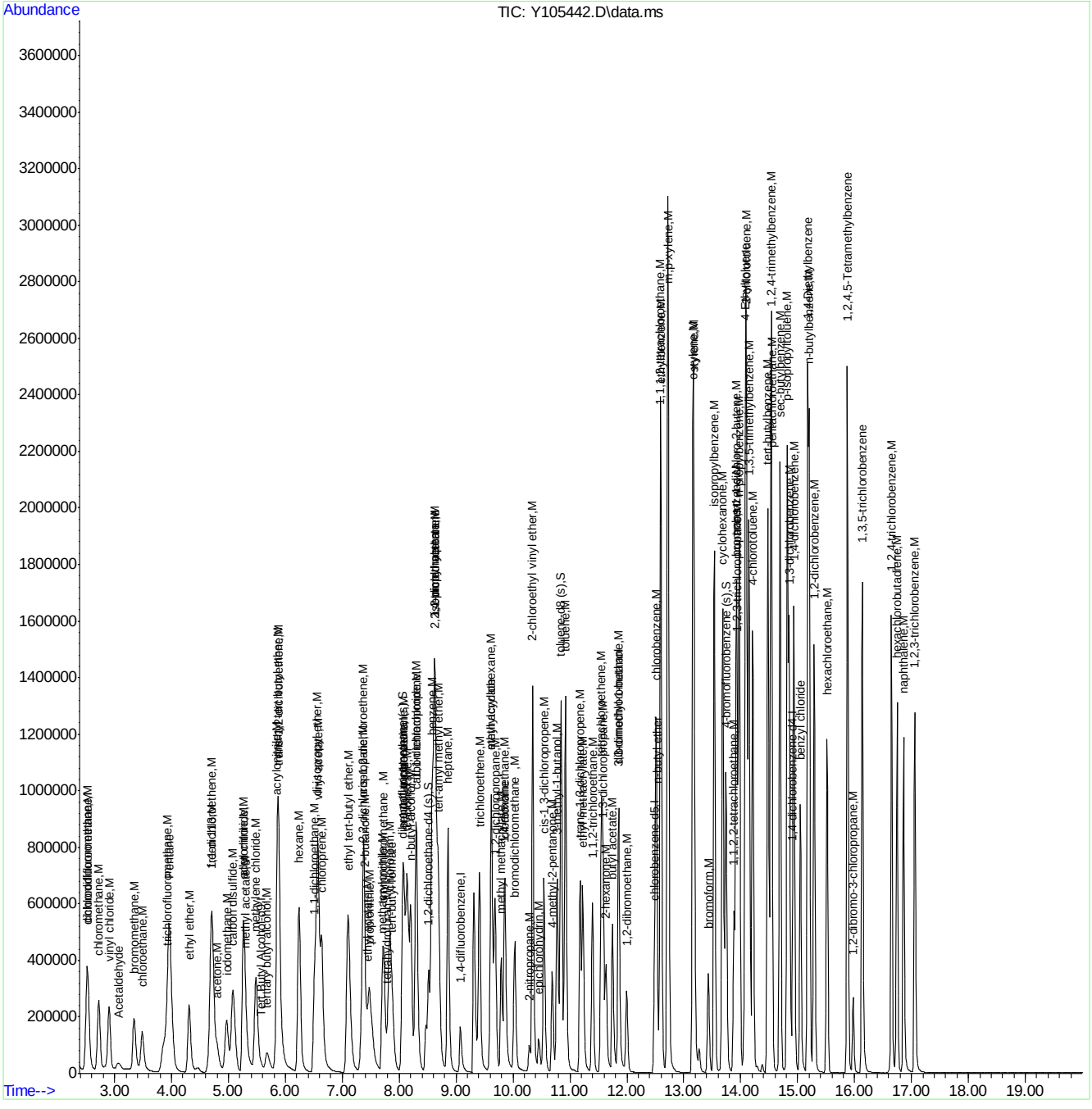
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) bromoform	13.431	173	240011	204.39	ug/L		98
108) isopropylbenzene	13.536	105	1637238	188.43	ug/L		100
110) cyclohexanone	13.682	55	999748	201.43	ug/L		99
111) bromobenzene	13.923	156	417647	192.67	ug/L		96
112) 1,1,2,2-tetrachloroethane	13.881	83	385612	194.05	ug/L		97
113) trans-1,4-dichloro-2-b...	13.928	53	111496	198.37	ug/L	#	74
114) 1,2,3-trichloropropane	13.938	110	101750	188.82	ug/L	#	75
115) n-propylbenzene	13.975	91	1891806	191.01	ug/L		98
116) 4-Ethyltoluene	14.085	105	1639508	205.14	ug/L		99
117) 2-chlorotoluene	14.101	126	392606	191.80	ug/L		96
118) 4-chlorotoluene	14.210	91	1182883	190.81	ug/L		99
119) 1,3,5-trimethylbenzene	14.142	105	1343719	175.50	ug/L		98
120) tert-butylbenzene	14.477	119	1251044	200.28	ug/L		99
121) pentachloroethane	14.545	167	261823	192.22	ug/L		98
122) 1,2,4-trimethylbenzene	14.530	105	1378154	190.83	ug/L		99
123) sec-butylbenzene	14.692	105	1852727	191.72	ug/L		98
124) 1,3-dichlorobenzene	14.854	146	799462	201.21	ug/L		99
125) p-isopropyltoluene	14.817	119	1567457	194.80	ug/L		98
126) 1,4-dichlorobenzene	14.932	146	839670	184.29	ug/L		100
127) 1,2-dichlorobenzene	15.288	146	790005	196.92	ug/L		100
128) benzyl chloride	15.047	91	853367	206.52	ug/L		100
129) 1,4-Diethylbenzene	15.178	119	991702	201.48	ug/L		99
130) n-butylbenzene	15.204	92	810153	196.14	ug/L		98
131) 1,2,4,5-Tetramethylben...	15.874	119	1535929	204.81	ug/L		99
132) 1,2-dibromo-3-chloropr...	15.973	75	76627	204.31	ug/L		99
133) 1,3,5-trichlorobenzene	16.140	180	702455	198.02	ug/L		99
134) 1,2,4-trichlorobenzene	16.648	180	623388	203.52	ug/L		98
135) hexachlorobutadiene	16.747	225	333322	184.39	ug/L		98
136) naphthalene	16.862	128	1180747	209.92	ug/L		99
137) 1,2,3-trichlorobenzene	17.061	180	534525	199.59	ug/L		100
138) hexachloroethane	15.518	201	279036	209.96	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\vy4490\
Data File : Y105442.D
Acq On : 8 Nov 2010 3:05 pm
Operator : alexm1
Sample : IC4490-200
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 09 11:20:34 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 10:56:26 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\
Data File : Y105445.D
Acq On : 8 Nov 2010 5:51 pm
Operator : alexm1
Sample : icv4490-50
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 09 16:17:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	5.56	65	62345	500.00	ug/L		0.00
4) pentafluorobenzene	8.09	168	155332	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.07	114	220214	50.00	ug/L		0.00
92) chlorobenzene-d5	12.49	117	201935	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.92	152	98111	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.07	113	79169	53.10	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 106.20%				
54) 1,2-dichloroethane-d4 (s)	8.53	65	88690	48.41	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 96.82%				
84) toluene-d8 (s)	10.85	98	328069	51.29	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 102.58%				
109) 4-bromofluorobenzene (s)	13.75	95	122227	50.24	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 100.48%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.69	59	55439	279.32	ug/L		97
3) 1,4-dioxane	9.86	88	23854	1466.42	ug/L	#	81
10) chlorodifluoromethane	2.53	51	99106	41.35	ug/L		98
11) dichlorodifluoromethane	2.53	85	134336	45.69	ug/L		100
12) chloromethane	2.71	50	155725	48.94	ug/L		99
15) vinyl chloride	2.89	62	137695	58.17	ug/L		97
16) Acetaldehyde	3.08	44	25014	336.98	ug/L	#	86
17) bromomethane	3.36	94	83181	54.24	ug/L		98
18) chloroethane	3.51	64	81160	55.90	ug/L		97
20) trichlorofluoromethane	3.94	101	153657	55.57	ug/L		99
21) Pentane	3.99	43	162614	39.80	ug/L		99
22) ethyl ether	4.33	74	51810	49.48	ug/L		96
26) acrolein	4.58	56	150255	535.08	ug/L		98
27) 1,1-dichloroethene	4.72	96	81011	54.29	ug/L		97
28) acetone	4.82	58	14792	45.75	ug/L	#	99
29) allyl chloride	5.28	78	16915	54.52	ug/L		89
30) acetonitrile	5.28	40	65207	492.77	ug/L		92
31) iodomethane	4.98	142	144070	52.60	ug/L		97
33) carbon disulfide	5.09	76	285998	53.52	ug/L		99
34) methylene chloride	5.49	84	89810	51.50	ug/L		97
35) methyl acetate	5.33	43	54511	45.02	ug/L		99
36) methyl tert butyl ether	5.87	73	505538	101.44	ug/L		99
37) trans-1,2-dichloroethene	5.89	96	86951	53.24	ug/L		96
38) di-isopropyl ether	6.57	45	335920	54.07	ug/L		99
39) 2-butanone	7.45	72	13181	41.90	ug/L		55
40) 1,1-dichloroethane	6.52	63	169005	53.00	ug/L		99
41) chloroprene	6.65	53	142733	60.44	ug/L		96
42) acrylonitrile	5.88	53	134468	236.85	ug/L		97
43) vinyl acetate	6.61	86	15286	54.85	ug/L		89
44) ethyl tert-butyl ether	7.11	59	308580	52.58	ug/L		99
45) ethyl acetate	7.48	45	13515	56.37	ug/L		93
46) 2,2-dichloropropane	7.36	77	139320	52.45	ug/L		100
47) cis-1,2-dichloroethene	7.39	96	93309	51.33	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\
Data File : Y105445.D
Acq On : 8 Nov 2010 5:51 pm
Operator : alexm1
Sample : icv4490-50
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 09 16:17:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) propionitrile	7.50	54	103456	490.53	ug/L		97
49) bromochloromethane	7.74	128	41909	50.40	ug/L		94
50) tetrahydrofuran	7.81	42	26004	46.20	ug/L		96
51) chloroform	7.84	83	148539	52.13	ug/L		97
52) tert-butyl formate	7.88	59	72950	50.99	ug/L	#	99
55) freon 113	4.71	151	73841	54.46	ug/L		92
56) methacrylonitrile	7.74	67	27218	48.41	ug/L		96
57) 1,1,1-trichloroethane	8.08	97	133003	52.02	ug/L		98
58) Cyclohexane	8.14	84	144750	48.32	ug/L		96
60) epichlorohydrin	10.47	57	42594	264.29	ug/L		92
61) n-butyl alcohol	8.21	56	197690	2661.65	ug/L		99
62) carbon tetrachloride	8.31	117	114969	49.48	ug/L		98
63) 1,1-dichloropropene	8.31	75	120154	50.95	ug/L		99
64) hexane	6.26	86	24841	55.46	ug/L		96
66) benzene	8.58	78	350202	51.76	ug/L		99
67) 2,2,4-trimethylpentane	8.63	57	381201	53.95	ug/L		99
68) tert-amyl methyl ether	8.69	73	266356	54.34	ug/L		97
69) heptane	8.86	57	83276	53.86	ug/L		99
70) isopropyl acetate	8.64	61	40529	48.34	ug/L		92
71) 1,2-dichloroethane	8.63	62	104645	50.75	ug/L		99
73) trichloroethene	9.42	95	89735	53.69	ug/L		98
75) 2-nitropropane	10.30	41	18364	46.21	ug/L		94
76) 2-chloroethyl vinyl ether	10.36	63	169475	217.30	ug/L		99
77) ethyl acrylate	9.62	55	179015	69.24	ug/L	#	98
78) methyl methacrylate	9.81	69	56010	49.09	ug/L		96
79) 1,2-dichloropropane	9.69	63	90832	50.48	ug/L		99
80) dibromomethane	9.87	93	44569	49.14	ug/L		98
81) methylcyclohexane	9.62	83	168711	54.18	ug/L		96
82) bromodichloromethane	10.04	83	111395	50.70	ug/L		98
83) cis-1,3-dichloropropene	10.55	75	150822	49.89	ug/L		97
85) 4-methyl-2-pentanone	10.70	58	31951	49.81	ug/L		96
86) toluene	10.93	92	222703	52.41	ug/L		98
87) 3-methyl-1-butanol	10.80	55	87076	1019.32	ug/L		98
88) trans-1,3-dichloropropene	11.19	75	133231	50.82	ug/L		97
89) ethyl methacrylate	11.24	69	108481	50.42	ug/L		98
90) 1,1,2-trichloroethane	11.40	83	59358	49.61	ug/L		96
91) 2-hexanone	11.65	58	42883	43.39	ug/L		98
93) tetrachloroethene	11.56	164	83208	52.30	ug/L		99
94) 1,3-dichloropropane	11.59	76	124905	49.79	ug/L		99
95) butyl acetate	11.76	56	52735	50.27	ug/L		98
96) 3,3-dimethyl-1-butanol	11.87	57	92729	509.66	ug/L		99
97) dibromochloromethane	11.86	129	81721	49.95	ug/L		98
98) 1,2-dibromoethane	12.00	107	69252	49.09	ug/L		97
99) chlorobenzene	12.52	112	251399	52.12	ug/L		100
100) n-butyl ether	12.52	57	5823	59.63	ug/L	#	32
101) 1,1,1,2-tetrachloroethane	12.59	131	88004	50.49	ug/L		97
102) ethylbenzene	12.60	91	427496	52.85	ug/L		99
103) m,p-xylene	12.73	106	331905	105.61	ug/L		99
104) o-xylene	13.16	106	167936	53.41	ug/L		99
105) styrene	13.19	104	279266	51.33	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\
Data File : Y105445.D
Acq On : 8 Nov 2010 5:51 pm
Operator : alexm1
Sample : icv4490-50
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 09 16:17:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

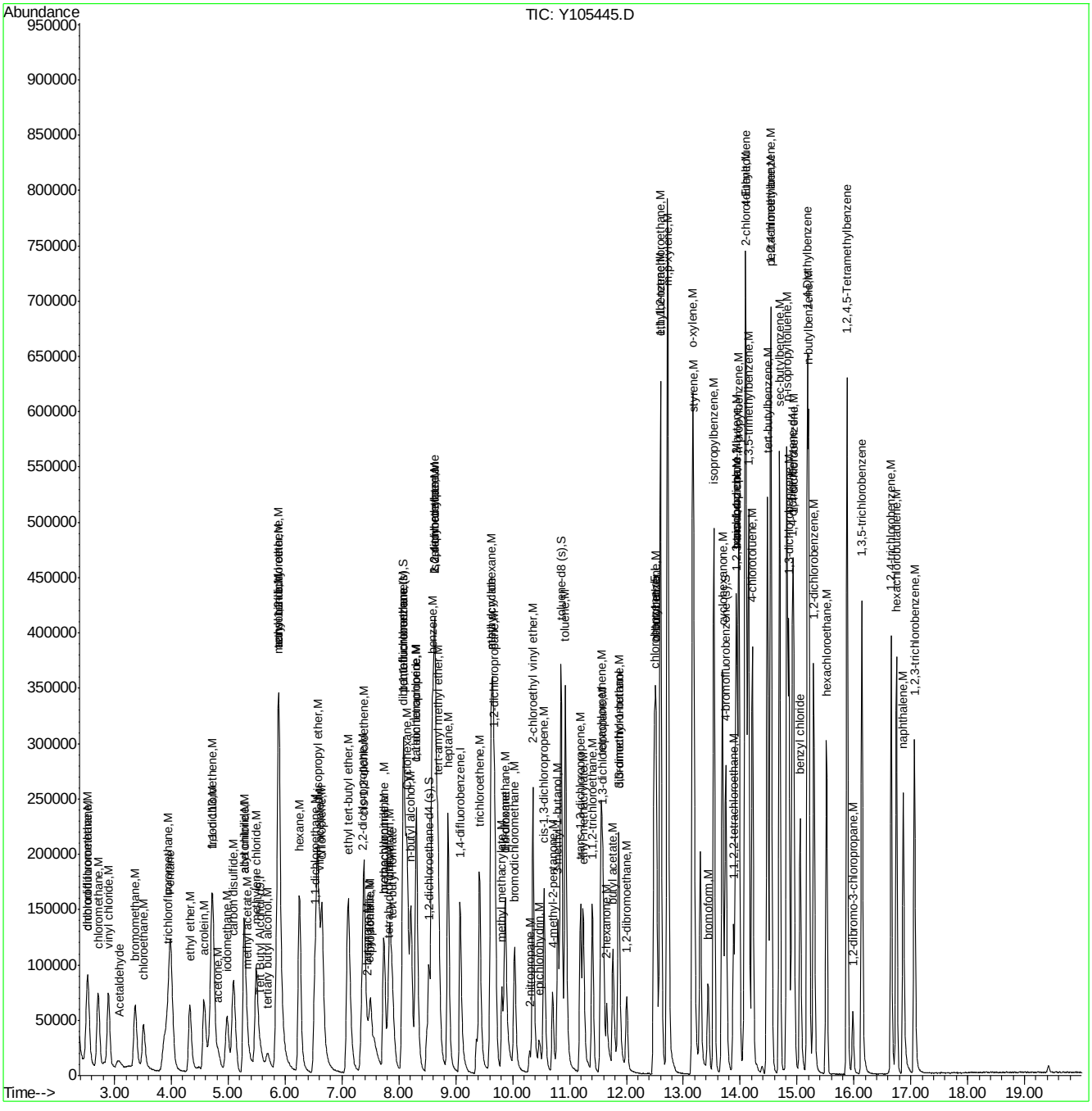
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) bromoform	13.44	173	56326	48.20	ug/L		96
108) isopropylbenzene	13.54	105	445995	53.41	ug/L		99
110) cyclohexanone	13.69	55	232543	48.75	ug/L		99
111) bromobenzene	13.93	156	109847	52.73	ug/L		98
112) 1,1,2,2-tetrachloroethane	13.88	83	94958	49.72	ug/L		99
113) trans-1,4-dichloro-2-buten	13.94	53	27301	50.54	ug/L		99
114) 1,2,3-trichloropropane	13.94	110	25280	48.81	ug/L	#	80
115) n-propylbenzene	13.98	91	511217	53.71	ug/L		100
116) 4-Ethyltoluene	14.09	105	441605	57.49	ug/L		100
117) 2-chlorotoluene	14.11	126	102938	52.32	ug/L		97
118) 4-chlorotoluene	14.22	91	307055	51.48	ug/L		100
119) 1,3,5-trimethylbenzene	14.15	105	351151	48.05	ug/L		100
120) tert-butylbenzene	14.48	119	325474	54.22	ug/L		99
121) pentachloroethane	14.55	167	66475	50.78	ug/L		99
122) 1,2,4-trimethylbenzene	14.53	105	363620	52.33	ug/L		100
123) sec-butylbenzene	14.69	105	491016	52.87	ug/L		100
124) 1,3-dichlorobenzene	14.86	146	206113	53.98	ug/L		99
125) p-isopropyltoluene	14.82	119	409769	52.99	ug/L		99
126) 1,4-dichlorobenzene	14.94	146	213260	48.70	ug/L		98
127) 1,2-dichlorobenzene	15.29	146	200755	52.07	ug/L		99
128) benzyl chloride	15.06	91	223489	56.28	ug/L		100
129) 1,4-Diethylbenzene	15.18	119	256647	55.69	ug/L		99
130) n-butylbenzene	15.21	92	213211	53.71	ug/L		98
131) 1,2,4,5-Tetramethylbenzene	15.88	119	399313	54.26	ug/L		100
132) 1,2-dibromo-3-chloropropan	15.98	75	17445	48.40	ug/L		96
133) 1,3,5-trichlorobenzene	16.14	180	181093	53.12	ug/L		99
134) 1,2,4-trichlorobenzene	16.65	180	158616	53.88	ug/L		99
135) hexachlorobutadiene	16.75	225	94160	54.20	ug/L		97
136) naphthalene	16.87	128	283367	52.42	ug/L		98
137) 1,2,3-trichlorobenzene	17.07	180	137198	53.30	ug/L		100
138) hexachloroethane	15.52	201	69012	54.03	ug/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\
Data File : Y105445.D
Acq On : 8 Nov 2010 5:51 pm
Operator : alexm1
Sample : icv4490-50
Misc : MS4408,VY4490,5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 09 16:17:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/25/10 18:36

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106008.D
Acq On : 23 Nov 2010 11:58 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 24 16:54:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.576	65	58007	500.00	ug/L		0.01
4) pentafluorobenzene	8.091	168	141874	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	206902	50.00	ug/L		0.00
92) chlorobenzene-d5	12.490	117	192811	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.917	152	95095	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.076	113	65447	48.06	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 96.12%				
54) 1,2-dichloroethane-d4 (s)	8.536	65	73324	43.82	ug/L		0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 87.64%				
84) toluene-d8 (s)	10.853	98	287337	47.81	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 95.62%				
109) 4-bromofluorobenzene (s)	13.750	95	104171	44.18	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 88.36%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.712	59	20521	111.12	ug/L		90
3) 1,4-dioxane	9.880	88	8423	602.69	ug/L	#	1
10) chlorodifluoromethane	2.532	51	41297	18.86	ug/L		97
11) dichlorodifluoromethane	2.521	85	47440	17.67	ug/L		98
12) chloromethane	2.699	50	58079	19.98	ug/L		98
15) vinyl chloride	2.887	62	47555	22.00	ug/L		97
17) bromomethane	3.374	94	28155	20.10	ug/L		100
18) chloroethane	3.520	64	27997	21.11	ug/L		95
20) trichlorofluoromethane	3.944	101	50673	20.06	ug/L		96
21) Pentane	3.996	43	87532	23.45	ug/L		99
22) ethyl ether	4.336	74	21347	22.32	ug/L		97
26) acrolein	4.603	56	43161	168.28	ug/L		96
27) 1,1-dichloroethene	4.728	96	30373	22.28	ug/L		98
28) acetone	4.875	58	5662m	19.17	ug/L		
29) allyl chloride	5.298	78	6280	22.16	ug/L	#	70
30) acetonitrile	5.298	40	23775	191.30	ug/L	#	73
31) iodomethane	4.979	142	52911	21.15	ug/L		93
33) carbon disulfide	5.100	76	111260	22.80	ug/L		98
34) methylene chloride	5.508	84	36547	22.94	ug/L		96
35) methyl acetate	5.377	43	22273	21.01	ug/L		94
36) methyl tert butyl ether	5.879	73	98023	21.53	ug/L		98
37) trans-1,2-dichloroethene	5.905	96	33846	22.69	ug/L		92
38) di-isopropyl ether	6.590	45	128286	22.61	ug/L		97
39) 2-butanone	7.495	72	4278	16.12	ug/L		93
40) 1,1-dichloroethane	6.538	63	65934	22.64	ug/L		97
41) chloroprene	6.664	53	44556	20.66	ug/L		96
42) acrylonitrile	5.921	53	54859	105.79	ug/L		93
43) vinyl acetate	6.674	86	3068	16.30	ug/L	#	1
44) ethyl tert-butyl ether	7.119	59	116548	21.74	ug/L		97
45) ethyl acetate	7.532	45	3433	17.81	ug/L	#	30
46) 2,2-dichloropropane	7.375	77	50417	20.78	ug/L		90
47) cis-1,2-dichloroethene	7.406	96	36845	22.19	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106008.D
Acq On : 23 Nov 2010 11:58 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 24 16:54:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	propionitrile	7.537	54	41777	216.87	ug/L		96
49)	bromochloromethane	7.746	128	16239	21.38	ug/L		92
50)	tetrahydrofuran	7.846	42	10023	19.49	ug/L		90
51)	chloroform	7.846	83	57394	22.05	ug/L		95
52)	tert-butyl formate	7.887	59	23852	18.25	ug/L	#	95
55)	freon 113	4.723	151	26196	21.15	ug/L		94
56)	methacrylonitrile	7.778	67	9379	18.26	ug/L		85
57)	1,1,1-trichloroethane	8.086	97	48082	20.59	ug/L		98
58)	Cyclohexane	8.149	84	58650	21.43	ug/L		98
60)	epichlorohydrin	10.492	57	14239	94.03	ug/L		91
61)	n-butyl alcohol	8.217	56	72706	1041.88	ug/L		94
62)	carbon tetrachloride	8.306	117	41116	18.83	ug/L		98
63)	1,1-dichloropropene	8.311	75	44553	20.11	ug/L		99
64)	hexane	6.261	86	9412	22.36	ug/L	#	87
66)	benzene	8.593	78	141319	22.23	ug/L		97
67)	2,2,4-trimethylpentane	8.630	57	157783	23.77	ug/L	#	47
68)	tert-amyl methyl ether	8.698	73	99524	21.61	ug/L		97
69)	heptane	8.871	57	33303	22.92	ug/L		97
70)	isopropyl acetate	8.656	61	11740	14.90	ug/L	#	83
71)	1,2-dichloroethane	8.641	62	39854	20.57	ug/L		98
73)	trichloroethene	9.425	95	34044	21.68	ug/L		94
75)	2-nitropropane	10.314	41	8145	21.82	ug/L		91
76)	2-chloroethyl vinyl ether	10.377	63	47332	64.59	ug/L		100
77)	ethyl acrylate	9.624	55	56108	23.10	ug/L	#	100
78)	methyl methacrylate	9.838	69	20792	19.40	ug/L		86
79)	1,2-dichloropropane	9.697	63	38544	22.80	ug/L		97
80)	dibromomethane	9.875	93	17849	20.95	ug/L		98
81)	methylcyclohexane	9.624	83	66319	22.67	ug/L		97
82)	bromodichloromethane	10.042	83	43779	21.21	ug/L		100
83)	cis-1,3-dichloropropene	10.560	75	59379	20.91	ug/L		93
85)	4-methyl-2-pentanone	10.717	58	10553	17.51	ug/L		85
86)	toluene	10.937	92	86860	21.76	ug/L		97
87)	3-methyl-1-butanol	10.822	55	27201	370.34	ug/L		83
88)	trans-1,3-dichloropropene	11.203	75	50298	20.42	ug/L		88
89)	ethyl methacrylate	11.256	69	39495	19.54	ug/L		96
90)	1,1,2-trichloroethane	11.407	83	24528	21.82	ug/L		100
91)	2-hexanone	11.700	58	16672	17.95	ug/L		90
93)	tetrachloroethene	11.559	164	30423	20.03	ug/L		97
94)	1,3-dichloropropane	11.596	76	51795	21.62	ug/L		92
95)	butyl acetate	11.789	56	16293	17.75	ug/L	#	71
96)	3,3-dimethyl-1-butanol	11.883	57	31091	188.18	ug/L		93
97)	dibromochloromethane	11.868	129	31260	20.01	ug/L		98
98)	1,2-dibromoethane	12.009	107	27371	19.83	ug/L		96
99)	chlorobenzene	12.521	112	95693	20.78	ug/L		96
100)	n-butyl ether	12.527	57	1356	20.50	ug/L	#	72
101)	1,1,1,2-tetrachloroethane	12.595	131	33318	20.02	ug/L		98
102)	ethylbenzene	12.605	91	161288	20.88	ug/L		99
103)	m,p-xylene	12.725	106	123040	41.00	ug/L		96
104)	o-xylene	13.170	106	63145	21.03	ug/L		100
105)	styrene	13.196	104	104872	20.19	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106008.D
Acq On : 23 Nov 2010 11:58 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 24 16:54:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

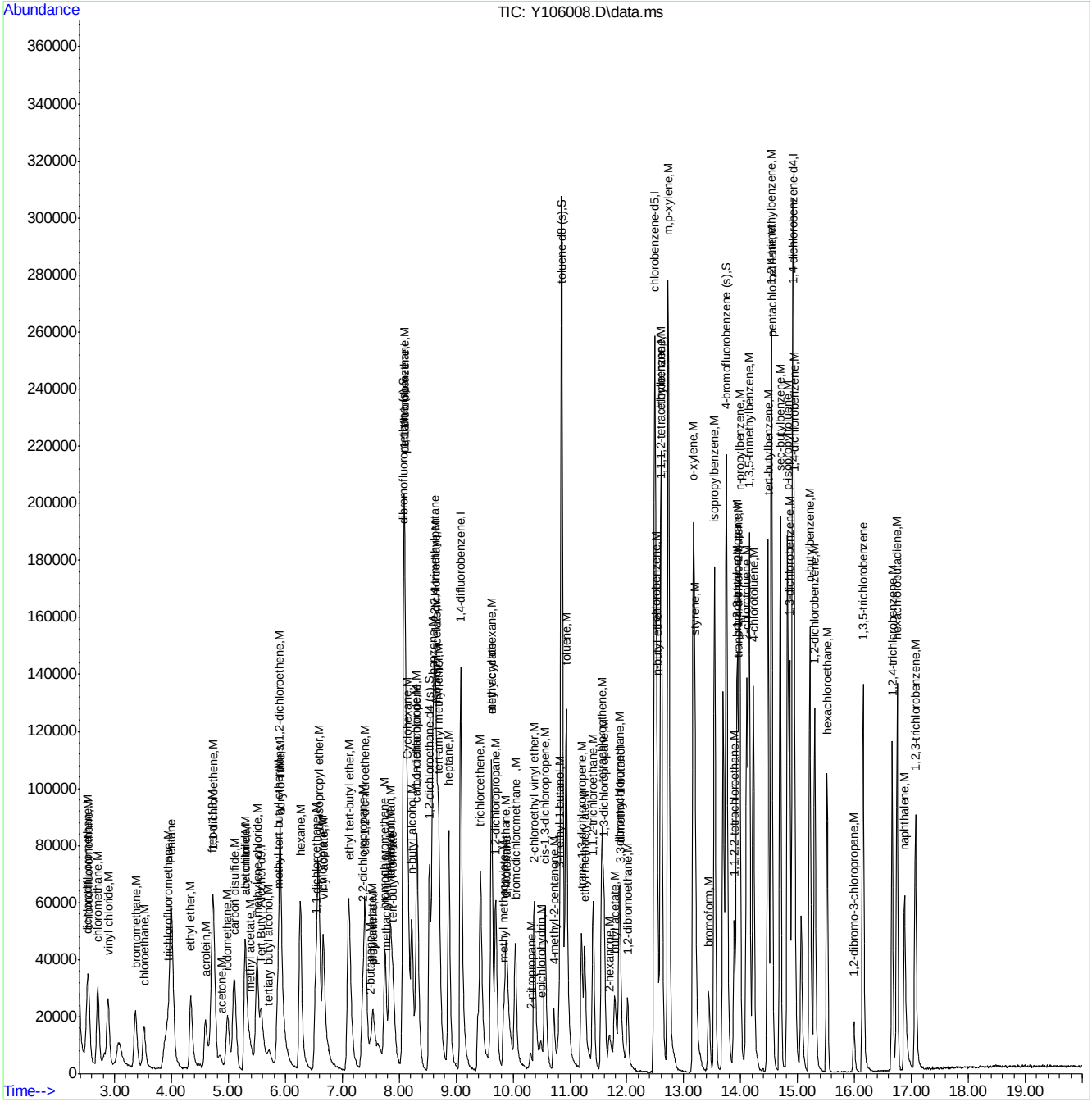
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) bromoform	13.442	173	21401	19.18	ug/L		98
108) isopropylbenzene	13.541	105	167281	20.67	ug/L		99
111) bromobenzene	13.934	156	40875	20.24	ug/L		98
112) 1,1,2,2-tetrachloroethane	13.886	83	38423	20.76	ug/L		99
113) trans-1,4-dichloro-2-b...	13.949	53	8165	15.59	ug/L	#	52
114) 1,2,3-trichloropropane	13.944	110	9501	18.93	ug/L	#	92
115) n-propylbenzene	13.981	91	190442	20.64	ug/L		98
117) 2-chlorotoluene	14.106	126	38502	20.19	ug/L		93
118) 4-chlorotoluene	14.221	91	117582	20.34	ug/L		97
119) 1,3,5-trimethylbenzene	14.148	105	135395	19.11	ug/L		99
120) tert-butylbenzene	14.483	119	120080	20.64	ug/L		98
121) pentachloroethane	14.545	167	25408	20.02	ug/L		98
122) 1,2,4-trimethylbenzene	14.540	105	133135	19.77	ug/L		98
123) sec-butylbenzene	14.697	105	177729	19.74	ug/L		100
124) 1,3-dichlorobenzene	14.859	146	74511	20.13	ug/L		96
125) p-isopropyltoluene	14.823	119	145706	19.44	ug/L		99
126) 1,4-dichlorobenzene	14.938	146	79190	18.66	ug/L		99
127) 1,2-dichlorobenzene	15.299	146	74926	20.05	ug/L		99
130) n-butylbenzene	15.215	92	71364	18.55	ug/L		97
132) 1,2-dibromo-3-chloropr...	15.989	75	6451	18.46	ug/L		95
133) 1,3,5-trichlorobenzene	16.146	180	65672	19.87	ug/L		99
134) 1,2,4-trichlorobenzene	16.659	180	50826	17.81	ug/L		98
135) hexachlorobutadiene	16.747	225	34004	20.19	ug/L		98
136) naphthalene	16.878	128	87645	16.73	ug/L		98
137) 1,2,3-trichlorobenzene	17.072	180	45071	18.07	ug/L		99
138) hexachloroethane	15.518	201	24564	19.84	ug/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106008.D
Acq On : 23 Nov 2010 11:58 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 24 16:54:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



Manual Integration Approval Summary

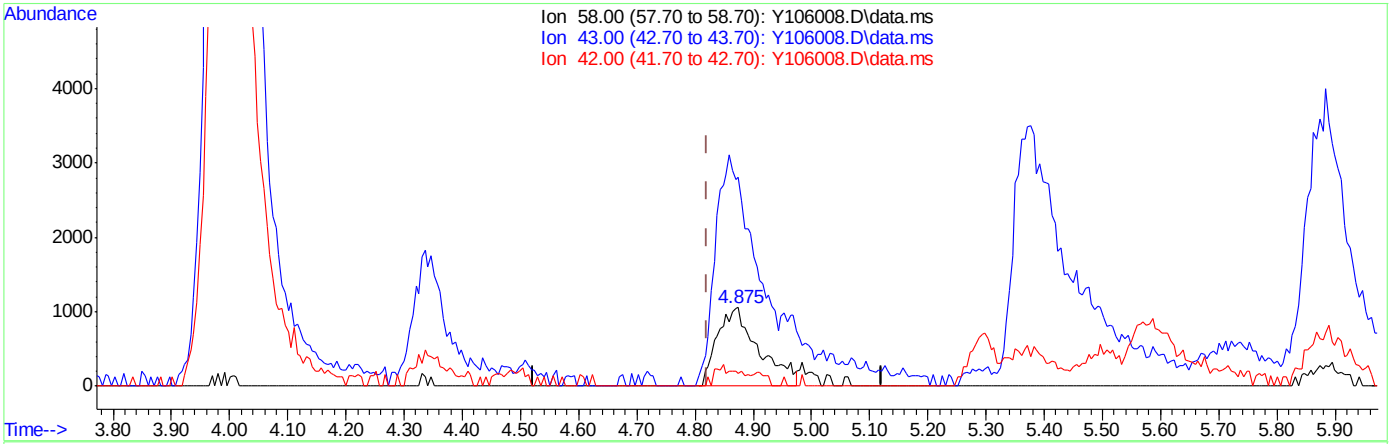
Sample Number:	VY4515-CC4490	**Method:**	SW846 8260B
Lab FileID:	Y106008.D	**Analyst approved:**	11/24/10 17:11 Ho Joong Kim
Injection Time:	11/23/10 11:58	**Supervisor approved:**	11/25/10 18:36 Kanya Veerawat

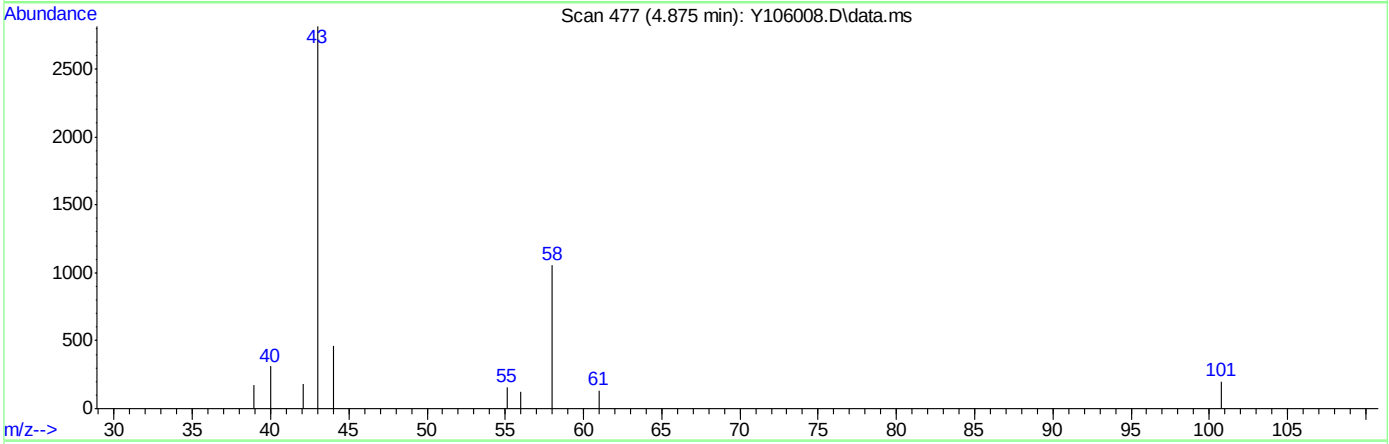
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetone	67-64-1		4.87	Baseline ripple

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106008.D
Acq On : 23 Nov 2010 11:58 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 24 16:53:07 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration





TIC: Y106008.D\data.ms

(28) acetone (M)

4.875min (+0.053) 17.74ug/L

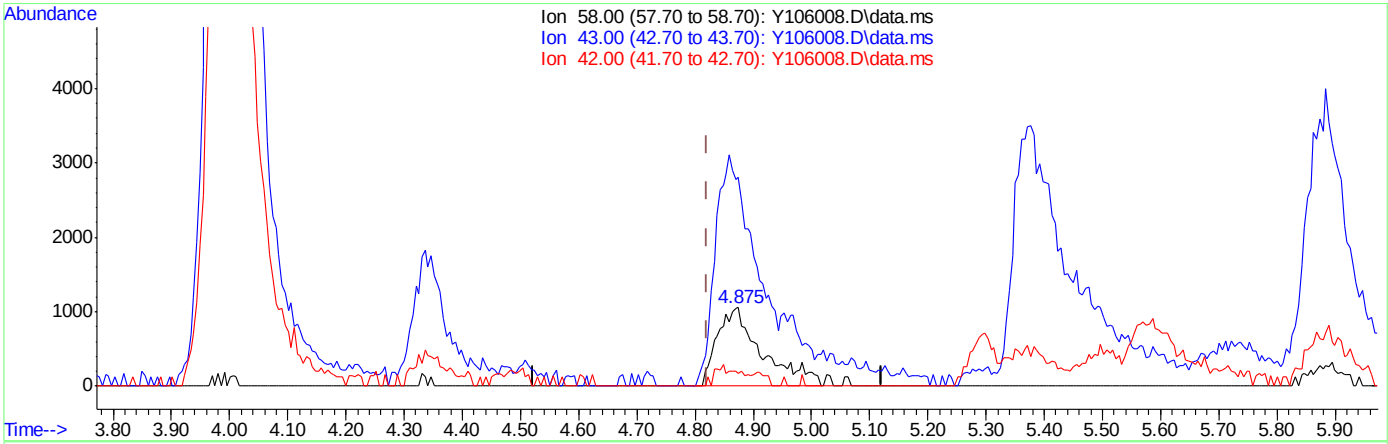
response 5238

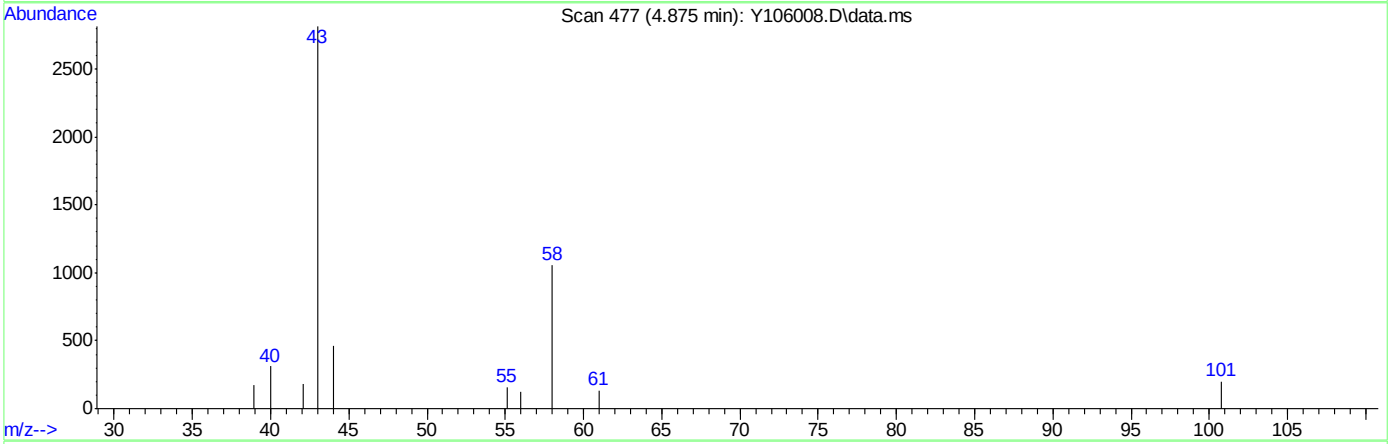
Ion	Exp%	Act%
58.00	100	100
43.00	316.10	252.89#
42.00	27.70	16.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\Y-core\VY4515-4516\
Data File : Y106008.D
Acq On : 23 Nov 2010 11:58 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4515,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 24 16:53:07 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration





TIC: Y106008.D\data.ms

(28) acetone (M)

4.875min (+0.053) 19.17ug/L m

response 5662

Ion	Exp%	Act%
58.00	100	100
43.00	316.10	266.13#
42.00	27.70	16.84
0.00	0.00	0.00

Manual Integrations APPROVED
(compounds with "m" flag)
Kanya Veerawat
12/02/10 00:13

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106057.D
Acq On : 24 Nov 2010 1:44 pm
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 15:48:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:51:10 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.575	65	62872	500.00	ug/L		0.01
4) pentafluorobenzene	8.086	168	169491	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.074	114	243252	50.00	ug/L		0.00
92) chlorobenzene-d5	12.490	117	223206	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.917	152	105869	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.075	113	76938	47.29	ug/L		0.00
Spiked Amount 50.000	Range 67 - 127		Recovery = 94.58%				
54) 1,2-dichloroethane-d4 (s)	8.536	65	82309	41.17	ug/L		0.01
Spiked Amount 50.000	Range 65 - 132		Recovery = 82.34%				
84) toluene-d8 (s)	10.853	98	329630	46.65	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 93.30%				
109) 4-bromofluorobenzene (s)	13.750	95	114747	43.71	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 87.42%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.722	59	21452	107.18	ug/L		95
3) 1,4-dioxane	9.885	88	8793	583.23	ug/L	#	1
10) chlorodifluoromethane	2.531	51	44676	17.08	ug/L		98
11) dichlorodifluoromethane	2.521	85	52363	16.32	ug/L		98
12) chloromethane	2.699	50	64580	18.60	ug/L		98
15) vinyl chloride	2.882	62	54711	20.77	ug/L		98
17) bromomethane	3.363	94	32372	19.34	ug/L		100
18) chloroethane	3.520	64	31894	20.13	ug/L		94
20) trichlorofluoromethane	3.933	101	57870	19.18	ug/L		99
21) Pentane	3.991	43	97053	21.77	ug/L		100
22) ethyl ether	4.341	74	23531	20.60	ug/L		97
26) acrolein	4.592	56	45934	149.91	ug/L		92
27) 1,1-dichloroethene	4.723	96	36051	22.14	ug/L		97
28) acetone	4.848	58	6529m	18.51	ug/L		
29) allyl chloride	5.293	78	7407	21.88	ug/L	#	59
30) acetonitrile	5.298	40	21194	140.46	ug/L	#	80
31) iodomethane	4.984	142	62331	20.85	ug/L		93
33) carbon disulfide	5.099	76	131691	22.59	ug/L		97
34) methylene chloride	5.497	84	41441	21.78	ug/L		97
35) methyl acetate	5.371	43	21707	17.43	ug/L		97
36) methyl tert butyl ether	5.879	73	107409	19.75	ug/L		100
37) trans-1,2-dichloroethene	5.900	96	39559	22.20	ug/L		94
38) di-isopropyl ether	6.580	45	130189	18.80	ug/L		99
39) 2-butanone	7.500	72	4698	14.97	ug/L		59
40) 1,1-dichloroethane	6.538	63	73576	21.15	ug/L		100
41) chloroprene	6.663	53	50974	19.78	ug/L		91
42) acrylonitrile	5.921	53	60717	98.01	ug/L		94
43) vinyl acetate	6.674	86	2791	13.71	ug/L	#	1
44) ethyl tert-butyl ether	7.113	59	121476	18.97	ug/L		96
45) ethyl acetate	7.532	45	2497	12.00	ug/L	#	19
46) 2,2-dichloropropane	7.369	77	57701	19.91	ug/L		93
47) cis-1,2-dichloroethene	7.401	96	42508	21.15	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106057.D
Acq On : 24 Nov 2010 1:44 pm
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 15:48:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:51:10 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) propionitrile	7.537	54	45708	198.62	ug/L		98
49) bromochloromethane	7.746	128	18331	20.20	ug/L		92
50) tetrahydrofuran	7.830	42	8839	14.39	ug/L		91
51) chloroform	7.840	83	64605	20.78	ug/L		96
52) tert-butyl formate	7.887	59	24554	15.73	ug/L	#	94
55) freon 113	4.733	151	29763	20.12	ug/L		87
56) methacrylonitrile	7.772	67	10136	16.52	ug/L		85
57) 1,1,1-trichloroethane	8.075	97	54224	19.44	ug/L		97
58) Cyclohexane	8.143	84	68141	20.84	ug/L		95
60) epichlorohydrin	10.492	57	14187	79.69	ug/L		85
61) n-butyl alcohol	8.222	56	75291	917.70	ug/L		92
62) carbon tetrachloride	8.311	117	47720	18.59	ug/L		96
63) 1,1-dichloropropene	8.311	75	52593	20.19	ug/L		97
64) hexane	6.255	86	10571	21.37	ug/L	#	85
66) benzene	8.588	78	160475	21.47	ug/L		98
67) 2,2,4-trimethylpentane	8.630	57	169881	21.77	ug/L	#	46
68) tert-amyl methyl ether	8.693	73	104540	19.31	ug/L		97
69) heptane	8.870	57	33617	19.68	ug/L		93
70) isopropyl acetate	8.656	61	14545	15.70	ug/L		89
71) 1,2-dichloroethane	8.640	62	41973	18.43	ug/L		95
73) trichloroethene	9.425	95	38322	20.76	ug/L		96
75) 2-nitropropane	10.309	41	5967	13.59	ug/L		95
76) 2-chloroethyl vinyl ether	10.372	63	51881	60.22	ug/L		97
77) ethyl acrylate	9.624	55	58493	20.48	ug/L	#	99
78) methyl methacrylate	9.843	69	22878	18.15	ug/L		85
79) 1,2-dichloropropane	9.697	63	41115	20.69	ug/L		100
80) dibromomethane	9.875	93	19614	19.12	ug/L		99
81) methylcyclohexane	9.624	83	73512	21.37	ug/L		98
82) bromodichloromethane	10.037	83	48345	19.92	ug/L		100
83) cis-1,3-dichloropropene	10.560	75	66919	20.04	ug/L		89
85) 4-methyl-2-pentanone	10.712	58	11267	15.90	ug/L		88
86) toluene	10.936	92	98407	20.97	ug/L		98
87) 3-methyl-1-butanol	10.827	55	26054	310.44	ug/L	#	40
88) trans-1,3-dichloropropene	11.203	75	55058	19.01	ug/L		89
89) ethyl methacrylate	11.255	69	42743	17.98	ug/L		93
90) 1,1,2-trichloroethane	11.402	83	26858	20.32	ug/L		98
91) 2-hexanone	11.690	58	18474	16.92	ug/L	#	83
93) tetrachloroethene	11.559	164	35325	20.09	ug/L		97
94) 1,3-dichloropropane	11.601	76	56534	20.39	ug/L		91
95) butyl acetate	11.784	56	15743	15.17	ug/L	#	78
96) 3,3-dimethyl-1-butanol	11.888	57	28554	151.23	ug/L	#	94
97) dibromochloromethane	11.867	129	34956	19.33	ug/L		97
98) 1,2-dibromoethane	12.009	107	29733	18.56	ug/L		95
99) chlorobenzene	12.521	112	107438	20.15	ug/L		97
100) n-butyl ether	12.511	57	1485	19.82	ug/L	#	84
101) 1,1,1,2-tetrachloroethane	12.594	131	37703	19.57	ug/L		99
102) ethylbenzene	12.605	91	183579	20.53	ug/L		99
103) m,p-xylene	12.730	106	141291	40.67	ug/L		100
104) o-xylene	13.170	106	71046	19.92	ug/L		100
105) styrene	13.196	104	117171	19.48	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106057.D
Acq On : 24 Nov 2010 1:44 pm
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 15:48:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:51:10 2010
Response via : Initial Calibration

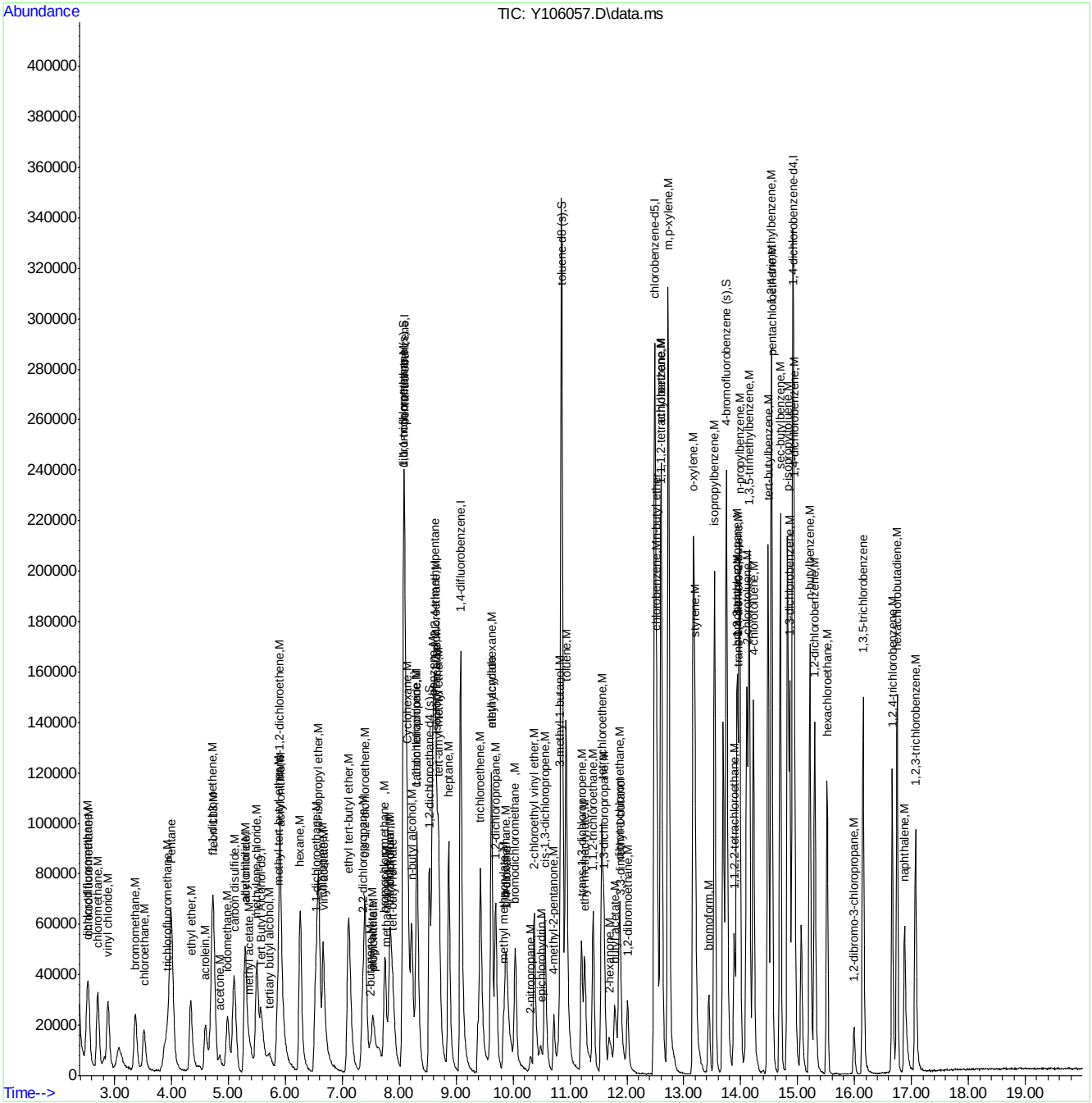
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) bromoform	13.442	173	23441	18.15	ug/L		99
108) isopropylbenzene	13.541	105	187744	20.83	ug/L		99
111) bromobenzene	13.933	156	44956	20.00	ug/L		98
112) 1,1,2,2-tetrachloroethane	13.886	83	41428	20.10	ug/L		97
113) trans-1,4-dichloro-2-b...	13.949	53	9086	15.59	ug/L	#	64
114) 1,2,3-trichloropropane	13.944	110	10642	19.04	ug/L	#	83
115) n-propylbenzene	13.980	91	212911	20.73	ug/L		98
117) 2-chlorotoluene	14.111	126	43307	20.40	ug/L		85
118) 4-chlorotoluene	14.221	91	125806	19.55	ug/L		98
119) 1,3,5-trimethylbenzene	14.148	105	148271	18.80	ug/L		98
120) tert-butylbenzene	14.483	119	136570	21.08	ug/L		99
121) pentachloroethane	14.545	167	27912	19.76	ug/L		97
122) 1,2,4-trimethylbenzene	14.540	105	151256	20.17	ug/L		99
123) sec-butylbenzene	14.697	105	202130	20.17	ug/L		99
124) 1,3-dichlorobenzene	14.859	146	82693	20.07	ug/L		97
125) p-isopropyltoluene	14.823	119	165133	19.79	ug/L		99
126) 1,4-dichlorobenzene	14.938	146	86314	18.27	ug/L		96
127) 1,2-dichlorobenzene	15.298	146	83517	20.07	ug/L		99
130) n-butylbenzene	15.215	92	80878	18.88	ug/L		96
132) 1,2-dibromo-3-chloropr...	15.989	75	6539	16.81	ug/L		99
133) 1,3,5-trichlorobenzene	16.151	180	71879	19.54	ug/L		100
134) 1,2,4-trichlorobenzene	16.664	180	56025	17.64	ug/L		99
135) hexachlorobutadiene	16.747	225	39404	21.02	ug/L		96
136) naphthalene	16.883	128	86307	14.80	ug/L		99
137) 1,2,3-trichlorobenzene	17.072	180	48153	17.34	ug/L		100
138) hexachloroethane	15.518	201	27381	19.87	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106057.D
Acq On : 24 Nov 2010 1:44 pm
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 15:48:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:51:10 2010
Response via : Initial Calibration



Manual Integration Approval Summary

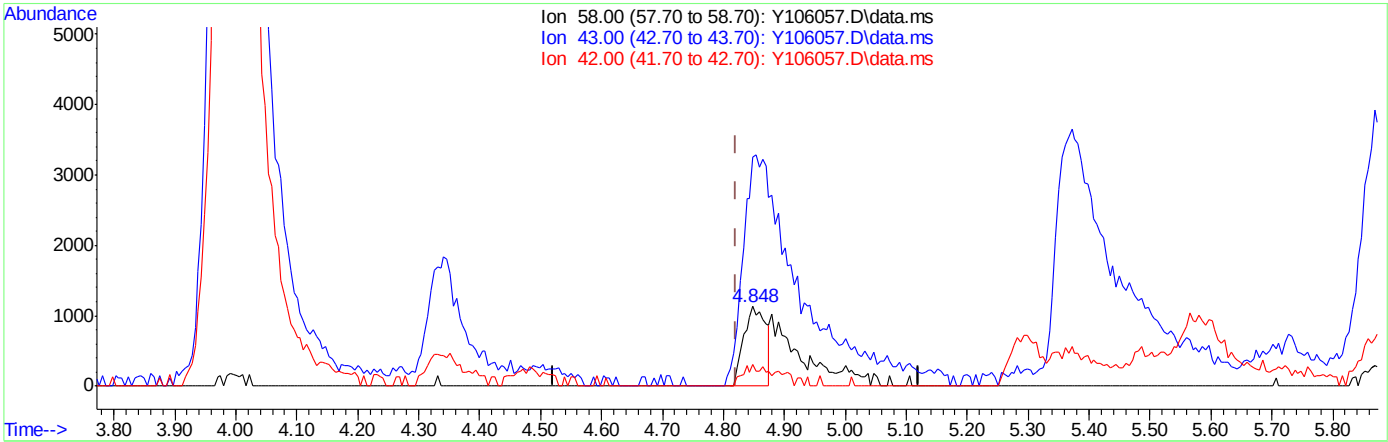
Sample Number:	VY4517-CC4490	**Method:**	SW846 8260B
Lab FileID:	Y106057.D	**Analyst approved:**	11/29/10 15:51 Ho Joong Kim
Injection Time:	11/24/10 13:44	**Supervisor approved:**	12/02/10 00:13 Kanya Veerawat

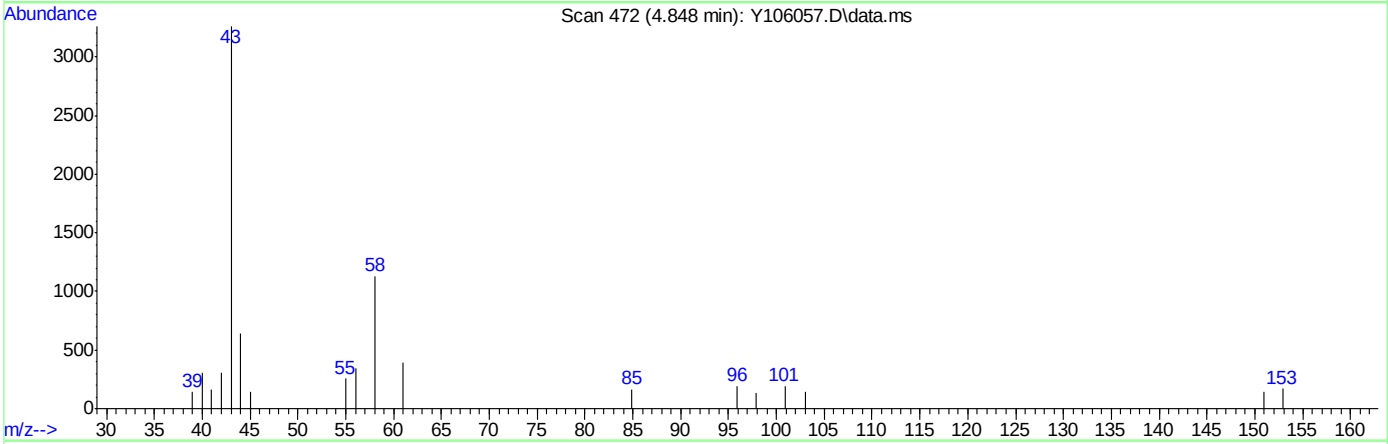
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetone	67-64-1		4.85	Baseline ripple

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106057.D
Acq On : 24 Nov 2010 1:44 pm
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 15:47:43 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:51:10 2010
Response via : Initial Calibration





TIC: Y106057.D\data.ms

(28) acetone (M)

4.848min (+0.026) 8.17ug/L

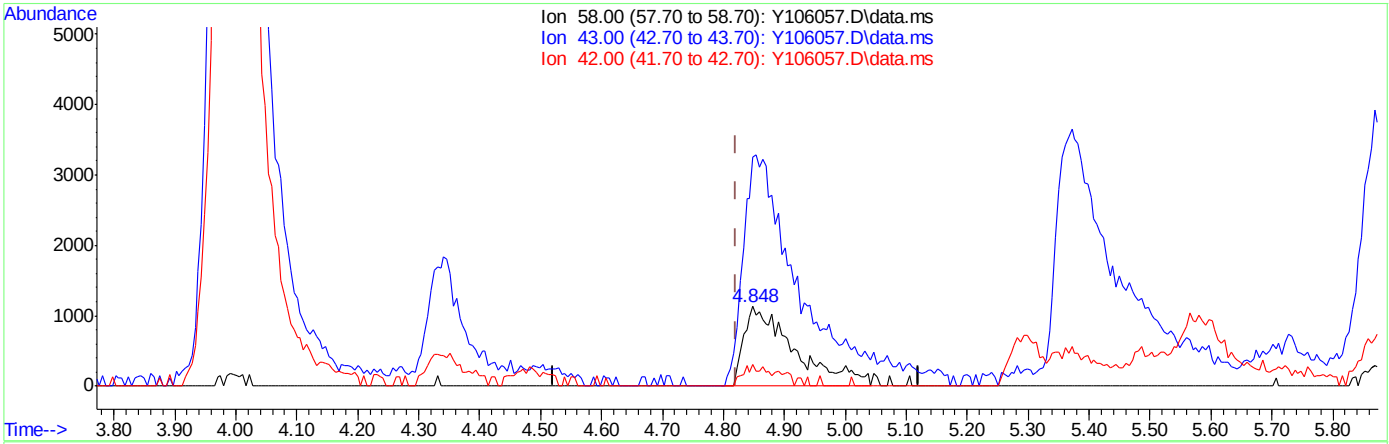
response 2882

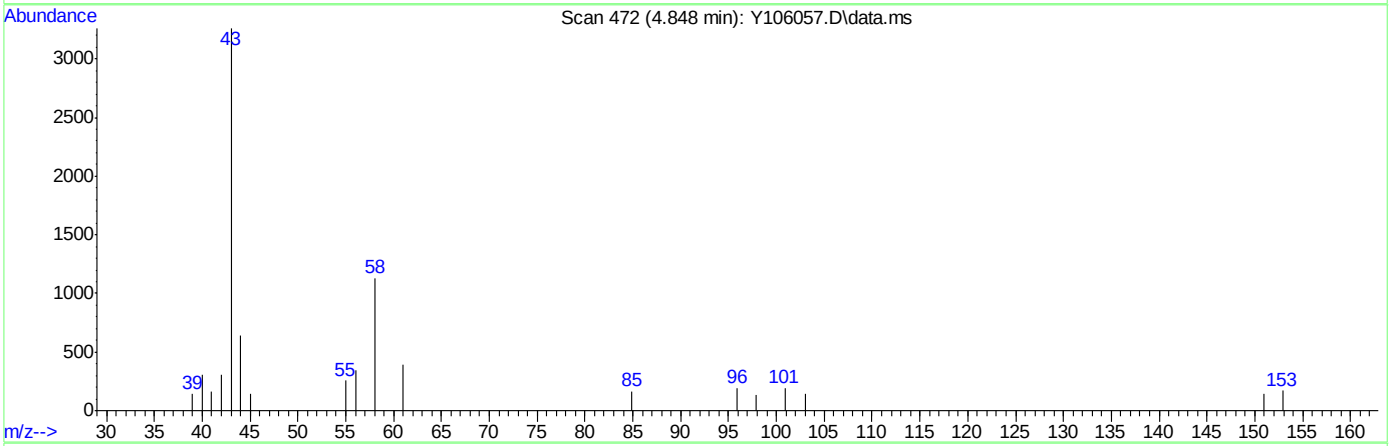
Ion	Exp%	Act%
58.00	100	100
43.00	316.10	266.17#
42.00	27.70	26.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\Y-core\VY4517-4520\
Data File : Y106057.D
Acq On : 24 Nov 2010 1:44 pm
Operator : alexm1
Sample : CC4490-20
Misc : MS5111,VY4517,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 15:47:43 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 11:51:10 2010
Response via : Initial Calibration





TIC: Y106057.D\data.ms

(28) acetone (M)

4.848min (+0.026) 18.51ug/L m

response 6529

Ion	Exp%	Act%
58.00	100	100
43.00	316.10	287.99#
42.00	27.70	26.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4523-4524\
Data File : Y106194.D
Acq On : 30 Nov 2010 11:59 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5404,VY4523,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 14:21:12 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Tert Butyl Alcohol-d9	5.576	65	89408	500.00	ug/L		0.01
4) pentafluorobenzene	8.091	168	131606	50.00	ug/L		0.00
59) 1,4-difluorobenzene	9.080	114	194899	50.00	ug/L		0.00
92) chlorobenzene-d5	12.490	117	189284	50.00	ug/L		0.00
107) 1,4-dichlorobenzene-d4	14.917	152	95155	50.00	ug/L		0.00
System Monitoring Compounds							
53) dibromofluoromethane (s)	8.081	113	64256	50.87	ug/L		0.01
Spiked Amount 50.000	Range 67 - 127		Recovery = 101.74%				
54) 1,2-dichloroethane-d4 (s)	8.531	65	76422	49.23	ug/L		0.00
Spiked Amount 50.000	Range 65 - 132		Recovery = 98.46%				
84) toluene-d8 (s)	10.853	98	268682	47.46	ug/L		0.00
Spiked Amount 50.000	Range 74 - 129		Recovery = 94.92%				
109) 4-bromofluorobenzene (s)	13.750	95	98746	41.85	ug/L		0.00
Spiked Amount 50.000	Range 62 - 138		Recovery = 83.70%				
Target Compounds							Qvalue
2) tertiary butyl alcohol	5.717	59	24768	87.02	ug/L		88
3) 1,4-dioxane	9.875	88	9894	477.01	ug/L	#	1
10) chlorodifluoromethane	2.537	51	27618	13.60	ug/L		96
11) dichlorodifluoromethane	2.526	85	37846	15.19	ug/L		98
12) chloromethane	2.704	50	45420	16.85	ug/L		96
15) vinyl chloride	2.882	62	39895	19.89	ug/L		98
17) bromomethane	3.363	94	24541	18.89	ug/L		98
18) chloroethane	3.520	64	23613	19.20	ug/L		94
20) trichlorofluoromethane	3.949	101	43030	18.37	ug/L		97
21) Pentane	3.996	43	63434	18.32	ug/L		99
22) ethyl ether	4.336	74	19326	21.79	ug/L		95
26) acrolein	4.597	56	56863	239.01	ug/L		99
27) 1,1-dichloroethene	4.733	96	25803	20.41	ug/L		87
28) acetone	4.854	58	6148	22.44	ug/L	#	63
29) allyl chloride	5.288	78	5423	20.63	ug/L	#	65
30) acetonitrile	5.304	40	24854	216.73	ug/L	#	73
31) iodomethane	4.990	142	45942	19.80	ug/L		93
33) carbon disulfide	5.105	76	88521	19.55	ug/L		96
34) methylene chloride	5.508	84	31989	21.65	ug/L		91
35) methyl acetate	5.361	43	26507	26.51	ug/L		92
36) methyl tert butyl ether	5.874	73	94165	22.30	ug/L		96
37) trans-1,2-dichloroethene	5.905	96	29616	21.40	ug/L		91
38) di-isopropyl ether	6.580	45	106076	20.15	ug/L		97
39) 2-butanone	7.490	72	4654	18.57	ug/L		82
40) 1,1-dichloroethane	6.538	63	56211	20.81	ug/L		98
41) chloroprene	6.663	53	39554	19.77	ug/L		91
42) acrylonitrile	5.910	53	59144	122.95	ug/L		94
43) vinyl acetate	6.695	86	3376	18.32	ug/L	#	1
44) ethyl tert-butyl ether	7.113	59	104581	21.03	ug/L		99
45) ethyl acetate	7.511	45	3697	20.20	ug/L		50
46) 2,2-dichloropropane	7.370	77	43189	19.19	ug/L		90
47) cis-1,2-dichloroethene	7.411	96	32019	20.79	ug/L		89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4523-4524\
Data File : Y106194.D
Acq On : 30 Nov 2010 11:59 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5404,VY4523,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 14:21:12 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) propionitrile	7.537	54	47039	263.24	ug/L		97
49) bromochloromethane	7.746	128	15286	21.70	ug/L		93
50) tetrahydrofuran	7.835	42	10055	21.08	ug/L		92
51) chloroform	7.845	83	50871	21.07	ug/L		96
52) tert-butyl formate	7.887	59	22926	18.91	ug/L	#	96
55) freon 113	4.733	151	23636	20.57	ug/L		92
56) methacrylonitrile	7.762	67	10404	21.84	ug/L		87
57) 1,1,1-trichloroethane	8.081	97	42113	19.44	ug/L		95
58) Cyclohexane	8.149	84	50442	19.87	ug/L		89
60) epichlorohydrin	10.487	57	16793	117.73	ug/L		94
61) n-butyl alcohol	8.217	56	57412	873.38	ug/L		93
62) carbon tetrachloride	8.311	117	36698	17.84	ug/L		98
63) 1,1-dichloropropene	8.316	75	41051	19.67	ug/L		99
64) hexane	6.255	86	8086	20.40	ug/L		94
66) benzene	8.593	78	123696	20.66	ug/L		96
67) 2,2,4-trimethylpentane	8.630	57	134041	21.43	ug/L	#	46
68) tert-amyl methyl ether	8.693	73	95267	21.96	ug/L		98
69) heptane	8.865	57	27022	19.75	ug/L		95
70) isopropyl acetate	8.661	61	13870	18.69	ug/L	#	89
71) 1,2-dichloroethane	8.635	62	35768	19.60	ug/L		97
73) trichloroethene	9.430	95	30179	20.40	ug/L		96
75) 2-nitropropane	10.309	41	6302	17.92	ug/L		76
76) 2-chloroethyl vinyl ether	10.372	63	46700	67.66	ug/L		97
77) ethyl acrylate	9.624	55	46777	20.44	ug/L	#	99
78) methyl methacrylate	9.833	69	22004	21.79	ug/L		79
79) 1,2-dichloropropane	9.692	63	33116	20.80	ug/L		94
80) dibromomethane	9.875	93	17552	21.87	ug/L		94
81) methylcyclohexane	9.624	83	59116	21.45	ug/L		96
82) bromodichloromethane	10.042	83	39305	20.21	ug/L		99
83) cis-1,3-dichloropropene	10.560	75	54140	20.24	ug/L		87
85) 4-methyl-2-pentanone	10.712	58	11044	19.45	ug/L		97
86) toluene	10.937	92	77732	20.67	ug/L		97
87) 3-methyl-1-butanol	10.816	55	30092	426.72	ug/L		95
88) trans-1,3-dichloropropene	11.203	75	44738	19.28	ug/L		89
89) ethyl methacrylate	11.256	69	38718	20.33	ug/L		93
90) 1,1,2-trichloroethane	11.407	83	23290	21.99	ug/L		95
91) 2-hexanone	11.695	58	17209	19.67	ug/L	#	83
93) tetrachloroethene	11.564	164	27842	18.67	ug/L		99
94) 1,3-dichloropropane	11.596	76	48750	20.73	ug/L		87
95) butyl acetate	11.784	56	16340	18.08	ug/L		85
96) 3,3-dimethyl-1-butanol	11.878	57	34047	208.27	ug/L		98
97) dibromochloromethane	11.873	129	29914	19.51	ug/L		98
98) 1,2-dibromoethane	12.009	107	27147	20.05	ug/L		98
99) chlorobenzene	12.527	112	86286	19.09	ug/L		100
100) n-butyl ether	12.516	57	1142	18.71	ug/L	#	59
101) 1,1,1,2-tetrachloroethane	12.595	131	30567	18.71	ug/L		98
102) ethylbenzene	12.605	91	142284	18.77	ug/L		98
103) m,p-xylene	12.730	106	112124	38.06	ug/L		97
104) o-xylene	13.170	106	56427	19.14	ug/L		98
105) styrene	13.196	104	92941	18.22	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4523-4524\
Data File : Y106194.D
Acq On : 30 Nov 2010 11:59 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5404,VY4523,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 14:21:12 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration

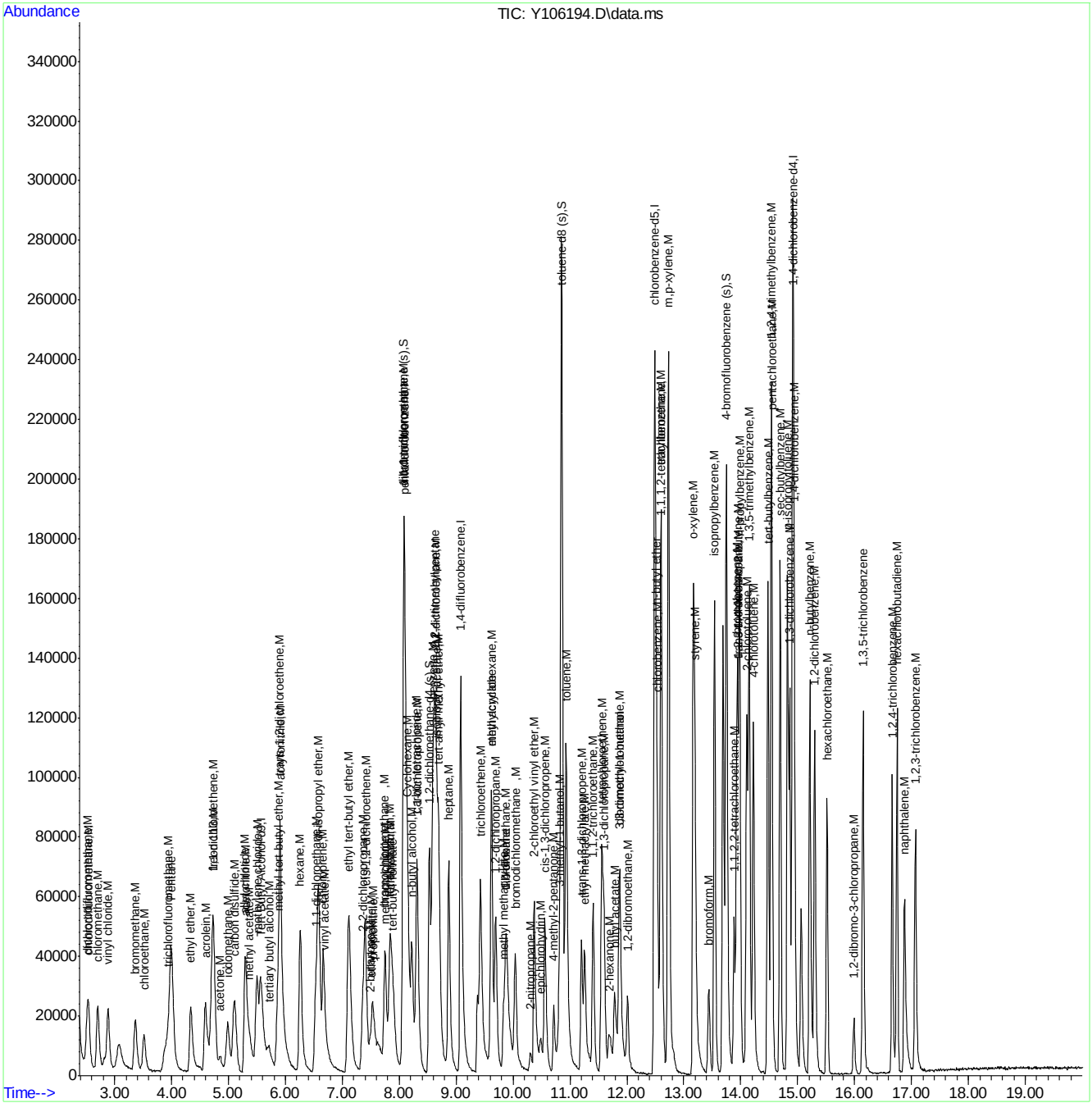
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) bromoform	13.442	173	21936	20.03	ug/L		97
108) isopropylbenzene	13.541	105	149549	18.46	ug/L		96
111) bromobenzene	13.933	156	37483	18.55	ug/L		98
112) 1,1,2,2-tetrachloroethane	13.886	83	39496	21.32	ug/L		94
113) trans-1,4-dichloro-2-b...	13.949	53	8249	15.75	ug/L	#	62
114) 1,2,3-trichloropropane	13.949	110	10357	20.62	ug/L	#	60
115) n-propylbenzene	13.981	91	167780	18.17	ug/L		99
117) 2-chlorotoluene	14.111	126	35481	18.60	ug/L	#	84
118) 4-chlorotoluene	14.221	91	100507	17.37	ug/L		99
119) 1,3,5-trimethylbenzene	14.148	105	119015	16.79	ug/L		100
120) tert-butylbenzene	14.483	119	106496	18.29	ug/L		97
121) pentachloroethane	14.545	167	23454	18.47	ug/L		99
122) 1,2,4-trimethylbenzene	14.540	105	118560	17.59	ug/L		99
123) sec-butylbenzene	14.692	105	158046	17.55	ug/L		99
124) 1,3-dichlorobenzene	14.859	146	68284	18.44	ug/L		97
125) p-isopropyltoluene	14.823	119	131464	17.53	ug/L		99
126) 1,4-dichlorobenzene	14.938	146	74107	17.45	ug/L		98
127) 1,2-dichlorobenzene	15.299	146	69986	18.72	ug/L		96
130) n-butylbenzene	15.215	92	62386	16.20	ug/L		95
132) 1,2-dibromo-3-chloropr...	15.984	75	6831	19.54	ug/L		97
133) 1,3,5-trichlorobenzene	16.151	180	59183	17.90	ug/L		99
134) 1,2,4-trichlorobenzene	16.664	180	45941	16.09	ug/L		99
135) hexachlorobutadiene	16.747	225	31369	18.62	ug/L		99
136) naphthalene	16.878	128	88171	16.82	ug/L		98
137) 1,2,3-trichlorobenzene	17.072	180	41755	16.73	ug/L		94
138) hexachloroethane	15.518	201	21801	17.60	ug/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\Y-core\VY4523-4524\
Data File : Y106194.D
Acq On : 30 Nov 2010 11:59 am
Operator : alexm1
Sample : CC4490-20
Misc : MS5404,VY4523,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 14:21:12 2010
Quant Method : C:\MSDCHEM\1\METHODS\MYS4490.M
Quant Title : Method SW846 8260B, ZB624 30m x 0.25mm x 1.4 um
QLast Update : Tue Nov 09 16:15:05 2010
Response via : Initial Calibration



ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: V3A-3607

Date: 10/6/10 HJ 10/7

Print Analyst Name: Henry Salim

Analyst Signature: HS

Standard Data		
Lot #	Description	Conc.
010-860-32	Int/Surr	2000/2500 ppm
-31	Int only	↓
-46	Surr	100 ppm
-43	Acro	1000 ppm
↓	-43 ↓ ext	↓

Standard Data		
Lot #	Description	Conc.
010-860-22	Std A	100 ppm
-34	↓ B	
-55	↓ C	
-44	ext A	
↓	-52 ↓ C	↓

Columns: 624 (60m x 0.25 mm x 1.4 µm)

Method V8260

V3A3607

Initial Cal. Method ~~V3A3548~~ HJ 10/7

anually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply ith the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 10/7/10

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* < 2
	3A-83944	BFB				1							OK		
	83945	IC3607-0.5				2							OK	0.5 µl AB Acro @ 100 mL DI	
	83946	IC3607-1				3							OK	1 µl	
	83947	IC3607-2				4							OK	2 µl	
	83948	IC3607-5				5							OK	5 µl	
	83949	IC3607-10				6							OK	20 µl	
	83950	IC3607-50				7							OK	50 µl	
	83951	IC3607-100				8							OK	100 µl	
	83952	IC3607-200				9							OK	200 µl	
	83953	IB				10									
	~~83954~~ 83954	ICV3607-50				11							NG	25 µl std B-test Acro @ 50 ml DI	
														HJ 10/7/10	

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result .

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error;
= computer miscalculation; 4 = analyst's correction error

Form: OR001-9
Rev. Date: 2/14/2007

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ACCUTEST

VOLATILE ANALYSIS LOG

Batch ID: V3A3608

Date: 10/8/10

Print Analyst Name: Henry Scalzo

Analyst Signature: HS

Standard Data

Lot #	Description	Conc.
010-860-32	Int Std	25/12.5 ppm
-13	Accu	1000 ppm
-43	Surr	5

Standard Data

Lot #	Description	Conc.
010-860-22	Std A	100 ppm
-34	Std B	
-35	Std C	
-44	Surr A	
-50	Surr C	

Columns: RTX624 (60m x 0.25mm x 1.4um)

Method V8260

Initial Cal. Method V3A3607 V3A3548 HS 10/8

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 10/8/10

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* <2
	3A359155	BFB											OK	8:16 am	
	359156	CC3607-20											NG	20ul ABC Accu + 1000ml DI	
	359157	CC3607-20											OK		
	359158	MB											OK		
	359159	BS											OK	25ul Std B + Surr AC Accu + 50ml DI	
	359160	JA57612-6	624 PPL-110	W	4	1	1/50		50X				OK		✓
	359161	JA57612-6			4	2	10/50		5X				OK		✓
	359162	JA57612-1			2	3	5		1X				OK		✓
	359163	JA57612-2			2	4	5		1X				OK		✓
	359164	JA57612-3			1	5	5		1X				OK		✓
	359165	JA57612-3			1	6	10/50		5X				OK not used		✓
	359166	JA57612-4			2	7	5		1X				OK		✓
	359167	JA57612-6 MS			4	8	10/50		5X				OK	50ul ABC Accu + 1000ml	✓
	359168	JA57612-6 MSD			4	9	10/50		5X				OK		✓
	359169	IB				10									
	359170	JA57612-27		W	2	11	5		1X				OK		✓
	359171	JA57612-26		W	2	12	5		1X				OK		✓

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9
Rev. Date: 2/14/2007

ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: V3A3608

Date: 10/8/10

Print Analyst Name: Henry Salm

Analyst Signature: HS

Columns: RTX624 160 MX 0.45 MM X 1.44um

Method V8260

Initial Cal. Method V3A3607

Standard Data

Lot #	Description	Conc.
	1	

Standard Data

Lot #	Description	Conc.
	SC page 207	

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 10/8/10

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* < 2
	V3A3607-2	JA57612-7	2034 AK110	WB	2	B	5		1X		✓		ok		✓
	83912	~~JA57612-4~~	~~2034~~ 2077 TCL	~~WB~~		14	5		1X		✓		ok	0.1 ul ABC Hexane 100 ml DI JA36889C-4A	
HLL 10/8/10	83914	~~JA57612-1~~	~~8015~~ TCL/TPH-GC	~~WB~~		15	5		1X		✓		ok	0.2 ul ABC Hexane 100 ml DI JA36889C-4B	
	83915	JA57414-1	2813 TCL+	WB	5	16	5		1X		✓		ok		✓
	83916	JA57414-2			4	17	5		1X		✓		ok		✓
	83917	JA57414-3			5	18	5		1X		✓		ok	7:55 pm	✓
														HLL 10/8/10	

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

Strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9
Date: 2/14/2007

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6.7.2 6

ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: V3A3693

Date: 11/30/10

Print Analyst Name: Henry Salim

Analyst Signature: HJS

Standard Data

Lot #	Description	Conc.
914-06	Int Stnd	2000/2500 ppm
860-134	Acid	10000 ppm
↓ 135	↓ ext	↓

Standard Data

Lot #	Description	Conc.
010-860-112	Std A	100 PPM
↓ 143	B	
914-07	↓ C	
860-139	ext A	
914-08	B	
	↓ C	

Columns: ZB624 (60m x 0.25mm x 1.4um)

Method V8260

Initial Cal. Method M3A3607

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: _____ Date: 12/1/10

Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* < 2
A85993	BFB											ok	8:15 am	
85994	CC3607-20											NOT USED	compl ↑ 20ul ABC Acid/100 ml DI	
85995	CC3607-20											ok		
85996	MB											ok		
85997	BS											NOT USED	compl ↑ 50ul ext ABC Acid/100 ml DI	
85998	BS											ok		
85999	JA62116-1	5242 NJPTCLHHT	S W	5	1 HJ 11/30/10 81	100ul/10		500X				ok		✓
86000	JA62116-1			5	2	1/50		50X				ok		✓
86001	JA62116-2			5	3	5/50		10X				ok		✓
86002	JA62116-2			5	4	1/50		50X				ok		✓
86003	JA62116-3			5	5	5/50		10X				ok		✓
86004	JA62116-3			5	6	500ul/10		100X				ok		✓
86005	~~JA62116-4~~ JA61821-10 HJ 11/30/10	5242 NJPTCLHHT		7 HJ 11/30/10	7	5/50 ~~50ul/10~~	HJ 11/30/10	~~100X~~ 10X				ok	+ 2A1007S0	✓
86006	JA62116-1 MS	5242 NJPTCLHHT		5	8	1/50		50X				ok	50 ul ABC Acid	✓
86007	JA62116-1 MSD			5	9	1/50		50X				ok		✓
86008	IB				10									
86009	JA62006-11A	5211 TCLP	S B	9	11	5		1X				ok		✓

Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

Changes must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = analyst miscalculation; 4 = analyst's correction error

ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: V3A3693

Date: 11/30/10

Print Analyst Name: Henry Sahm

Analyst Signature: HS

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
	see page 253	

Columns: 624 (60 m x 0.25 mm x 1.4 µm)

Method V8260

Initial Cal. Method V3A3607

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 12/1/10

Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* < 2
V3A86010	JA62006-12	524 TCLM+	S W	1	12	5		1x		W		OK		✓
86011	JA62008-10	TCL11	W	3	13	5		1x		W		OK		✓
86012	JA62008-11			4	14	5		1x		W		OK		✓
86013	JA62058-1	TCLM+10		3	15	5		1x		W		NG	ICP (10 RR 1X	✓
86014	5180 JA62116-4	~~524.2~~ NPTCLM+T		5	16	~~10 mL~~ 5		~~100x~~ 1x		W		NOT USED/DL	RR 10X JA61989-21	✓
86015	~~JA62116-5~~	↓		B	17	~~2/10~~ 5		~~25x~~ 1x		W		OK/DL	RR 10X JA61989-22	✓
													4:03 pm	

HS 11/30/10

Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

Flags must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = enter miscalculation; 4 = analyst's correction error

FORM ID: MSR001-9
REVISED DATE: 2/14/2007

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VOLATILE ANALYSIS LOG

Batch ID: VY4490

Print Analyst Name: Alex Inzella

Analyst Signature: AVM

Date: 11/8/2010

Columns: ZB 624 (30m × 0.25mm × 1.4µm)

Method VB260

Initial Cal. Method MYS4490

Standard Data

Lot #	Description	Conc.
V010-860	-97 Ext. A STD	100ppm
	+110 B	
	+118 C	
	+89 Acrolein	1000ppm
	+94 8260 Int Std	25/125ppm

Standard Data

Lot #	Description	Conc.
V010-860	+112 A STD	100ppm
	+101 B	
	+119 C	
	+108 Acrolein	1000ppm
	+103 8260 Surr	100ppm

V010-860 + 123 MYSurr(S) 100ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 11/9/10

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* < 2
	Y105433	BFB				1							ok	9:26 AM AVM 11/9/10	
	105434	IC 4490-10	VB260 Soil			2							ok	~~AVM, 11/9/10~~ See pg. 164 for prep	
	105435	IC 4490-5				3							ok		
	105436	IC 4490-2				4							ok		
	105437	IC 4490-1				5							ok		
	105438	IC 4490-0.5				6							ok		
	105439	IC 4490-20				7							ok		
	105440	ICC 4490-50 ~~IC 4490-50~~ AVM 11/8/10				8							ok		
	105441	IC 4490-100				9							ok		
	105442	IC 4490-200				10							ok		
	105443	IB				11									
	105444	ICV 4490-50 ~~IB~~				12							NOT USED	25ml Exts. A, B, C, Acrolein + S/Surr	
	105445	ICV 4490-50				13							ok	↓	
	105446	IB				14								do	

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9

Rev. Date: 2/14/2007

ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: VY 4515

Date: 11/23/2010

Print Analyst Name: Alex Meyzelis

Analyst Signature: AVM

Columns: 2-B 624 (30m x 0.25mm x 1.4um)

Method VB260

Initial Cal. Method MY54490

Standard Data

Lot #	Description	Conc.
VC10-8602-139	Ext A STD	100ppm
-110	B	
-145	C	
-130	Acrolein	1000ppm

Standard Data

Lot #	Description	Conc.
VC10-8602-112	A STD	100ppm
-131	B	
-144	C	
-108	Acrolein	1000ppm
-106	8260 Int/Surr	25/25ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: ~ Date: 11/24/10

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* <2
	Y106006	BFB				1							ok	10:22Am	
	106007	CC4490-20				2						↓	NG	10x1 A,B,C,Acrolein/5ml Surr ↓	
	106008	CC4490-20				3					✓	✓	ok	↓	
	106009	MB				4					✓	✓	NG	Non hit	
	106010	MB				5					✓	✓	ok		
	106011	BS				6					✓	✓	NG	25x1 Exts. A,B,C,Acrolein) Target cmpds ↑ 5ml Aq	
	106012	BS				7					✓	✓	ok		
	106013	MB				8								Clo	
	106014	JA62168-3	5220 TCL	S	2	9	4.8				✓	✓	ok		
	106015	JA62168-4	↓	↓	2	10	4.6				✓	✓	ok		
	106016	JA62168-5	↓	↓	2	11	4.5				✓	✓	ok		
R	106017	JA61698-6	5111 TCL II	S	4	12	5.6				✓	✓	ok		
	106018	JA62168-4MS	5220 TCL	S	2	13	4.5				✓	✓	ok	25x1 A,B,C,Acrolein/5ml Sample	
	106019	JA62168-4MSD	↓	↓	2	14	4.5				✓	✓	ok	↓	
	106020	IB				15								Clo	
	106021	Ref. 40 11/17/10				16					✓	✓	ok		
	106022	Ref. 49 11/17/10				17					✓	✓	ok		

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9
Rev. Date: 2/14/2007

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ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: VY 4515

Print Analyst Name: Alex Mazella

Date: 11/23/2010

Analyst Signature: AM

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
	See pg. 273	

Columns: ZB 624/30mx0.25m

Method V8260

Initial Cal. Method MYS4496

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comp with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 11/24/10

6.7.5 6

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* < 2
R	Y106023	JA61652-4	4996 TCL11H10 TBA	S	4	19	4.5				✓	✓	ok		
	106024	JA62168-1	5220 TCL	S	2	19	4.5				✓		ok		
	106025	JA62168-9	↓	S	2	20	4.8				✓	✓	ok		
	106026	JA62028-1	5197 TCL11	S	2	21	4.5				✓	✓	ok/RR	2x to cont. Sur	
	106027	JA61330-9	4889 NJPTCL11+ TBA	S	4	22	5.1				✓	✓	ok	9:39 pm	
	106028	MS				23								clo	

AM 11/24/10

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9
Rev. Date: 2/14/2007

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ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: VY4517

Print Analyst Name: Alex Mazella

Analyst Signature: AVM

Date: 11/24/2010

Standard Data

Lot #	Description	Conc.
V010-8660	139 Ext A	100ppm
	+110 B	
	+145 C	
	+130 Rc106111	1000ppm

Standard Data

Lot #	Description	Conc.
V010-8660	112 A STD	100ppm
	+131 B	
	+144 C	
	+134 Acrolein	1000ppm
	132A 8260 Int/Surr 25d250	ppm

Columns: ZB 624 (30m x 0.25mmx1

Method V 8260

Initial Cal. Method MYS4496

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to compl with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 11/29/10

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* <2
	Y106056	BFB				1							clr	1.13pm	
	106057	CC4490-20				2							ok	10ml A,B,C,Acrolein/5ml Sam DL	
	106058	MB				3							NG	Nonh.7	
	106059	MB				4							ok		
	106060	BS				5							NG	25ml ExtS A,B,C,Acrolein Target compds 5ml Sam	
	106061	BS				6							ok		
	106062	JAG2028-4MS	5197 TCL11	S	2	7	4.8						ok	2.5ml A,B,C,Acrolein/5ml Sample	
	106063	JAG2028-4MSD			2	8	4.8						ok		
	106064	IB				9								clr	
R	106065	JAG2028-4	5197 TCL11	S	2	10	4.8						ok		
R	106066	JAG2028-5			2	11	4.5						ok		
R	106067	JAG2028-7			2	12	4.7						ok		
R	106068	JAG2028-9			2	13	4.7						clr		
R	106069	JAG2028-6			2	14	4.6						ok		
R	106070	JAG2028-8			2	15	4.7						ok		
R	106071	JAG2028-2			2	16	4.6						ok		
R	106072	JAG2028-3			2	17	4.6						RR	To confirm surr	

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9
Rev. Date: 2/14/2007

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ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: VY4517

Print Analyst Name: Alex Mazella

Analyst Signature: Alm

Date: 11/24/2010

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
	See pg. 283	

Columns: ZB 624 (30mx0.25mmx1

Method V8260

Initial Cal. Method MYS 4490

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comp with the criteria of Accutest SOP EQA044.

Supervisor Signature: _____ Date: 11/29/10

6.7.6

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R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* < 2
	Y106073	JA62200-8	5277 TCL	S	2	18	4.8				✓		ok		
	106074	JA62200-9			2	19	4.8				✓		ok		
	106075	JA62200-10			2	20	4.8				✓		ok		
	106076	JA62200-11			2	21	4.6				✓		ok		
	106077	JA62200-14			2	22	4.8				✓		ok		
	106078	JA62028-1	5197 TCL11		2	23	2.5				✓		ok	12:27Am TY106026 12:57Pm	
	106079	IB				24								CLG	

Alm

11/29/10

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9

Rev. Date: 2/14/2007

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ACCUTEST

VOLATILE ANALYSIS LOG

Batch ID: VY4523

Print Analyst Name: Alex Mazella

Analyst Signature: AMm

Date: 11/30/2010

Columns: ZB 624 (30mx0.25mmx1.4µ

Method V8260

Initial Cal. Method MYS4490

Standard Data

Lot #	Description	Conc.
V010-860	139 Ext. A	100ppb
↓	110 ↓ B	↓
V010-914	09 ↓ C	
↓	09-07 CSTD	↓
	Rum 11/30/10	

Standard Data

Lot #	Description	Conc.
V010-860	112 A	100ppb
↓	131 B	↓
	134 Acrolein	1000ppb
	130 Ext. Acrolein	↓
↓	132A 8260 1mL/5mL	250/2500ppb

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: _____ Date: 12/1/10

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* <2
	Y106192	BFB				1							ok	10:09AM	
	106193	CC4490-20				2							NS	10ml A,B,C,Acrolein/5ml DI ↓ ccc cmpd fail ↑	
	106194	CC4490-20				3					✓	✓	ok		
	106195	MB				4					✓	✓	NS	Naphit	
	106196	MB				5					✓	✓	ok		
	106197	BS				6					✓	✓	ok	25ml Exts. A,B,C,Acrolein/ 50ml DI	
	106198	JA62235-7MS	5259 TCL42 123TCB 1,4Dicx BCM	S O	1	7	4.5				✓	✓	ok	2.5ml A,B,C,Acrolein/5ml sample ↓	
	106199	JA62235-7MSD	↓		1	8	4.5				✓	✓	ok		
	106200	LB				9					—			C/a	
R	106201	JA62235-7	5259 TCL42 123TCB 1,4Dicx BCM	S O	1	10	4.5				✓	✓	ok		
R	106202	JA62235-8			1	11	4.8				✓	✓	ok		
R	106203	JA62235-8DL			1	12	4.8				✓	✓	Not Needed		
R	106204	JA62235-9			1	13	4.8				✓	✓	ok		
R	106205	JA62235-10			1	14	4.7				✓	✓	ok		
R	106206	JA62235-11			1	15	4.8				✓	✓	ok		
R	106207	JA62235-12			1	16	4.7				✓	✓	ok		
R	106208	JA62235-13	↓		1	17	4.5				✓	✓	ok		

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9
Rev. Date: 2/14/2007

ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: VY4523

Print Analyst Name: Alex Magella

Analyst Signature: AVM

Date: 11/30/2010

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
	see pg. 11	

Columns: ZB624 (30m×0.25mm×1.4

Method V8260

Initial Cal. Method MYS4490

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comp with the criteria of Accutest SOP EQA044.

Supervisor Signature: _____ Date: 12/1/10

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* <2
R	Y106209	JA62327-1	5318 TBT NJPCL1140	S	5	18	5.3				✓	✓	ok		
	106210	JA62327-5 ~~JA62235-14~~ A-VM 11/30/10	↓	↓	4	19	5.0 ~~4.7~~ Pam 11/30/10				✓	✓	ok		
	106211	JA62235-15	5259 TCL42, 1231CB, 140.ox, BCm		1	20	4.8				✓	✓	ok		
R	106212	JA62236-1	↓		1	21	4.8				✓	✓	ok	+Y106130	
R	106213	JA62028-3	5197 TCL11		2	22	4.5				✓	✓	ok	+Y106072 9:37Am	
	106214	IB				23								Not used	

AVM 11/30/10

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9
Rev. Date: 2/14/2007

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New Jersey ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46866-MB1	2M32837.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-10, JA62028-11

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	0.74	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.51	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.1	ug/l	
	3&4-Methylphenol	ND	2.0	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.2	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.83	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.80	ug/l	
108-95-2	Phenol	ND	2.0	0.58	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.81	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.2	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.37	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.27	ug/l	
98-86-2	Acetophenone	ND	2.0	0.40	ug/l	
120-12-7	Anthracene	ND	1.0	0.16	ug/l	
1912-24-9	Atrazine	ND	5.0	0.39	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.40	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.12	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.095	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.25	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.12	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.38	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.35	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.25	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.42	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.42	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.25	ug/l	
86-74-8	Carbazole	ND	1.0	0.17	ug/l	
105-60-2	Caprolactam	ND	2.0	0.20	ug/l	
218-01-9	Chrysene	ND	1.0	0.11	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.25	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.31	ug/l	

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46866-MB1	2M32837.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-10, JA62028-11

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.39	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.35	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.22	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.33	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.30	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.15	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.30	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.19	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.40	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.17	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.23	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.33	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.27	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.13	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.24	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.21	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.13	ug/l	
78-59-1	Isophorone	ND	2.0	0.25	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.66	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.24	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.29	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.18	ug/l	
91-20-3	Naphthalene	ND	1.0	0.43	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.44	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.21	ug/l	
129-00-0	Pyrene	ND	1.0	0.16	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	55%	13-68%

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46866-MB1	2M32837.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-10, JA62028-11

CAS No.	Surrogate Recoveries		Limits
4165-62-2	Phenol-d5	34%	10-49%
118-79-6	2,4,6-Tribromophenol	94%	37-130%
4165-60-0	Nitrobenzene-d5	90%	25-112%
321-60-8	2-Fluorobiphenyl	81%	31-106%
1718-51-0	Terphenyl-d14	100%	14-122%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Internal standard added for SIM test	4.25	5.2	ug/l	J
	Internal standard added for SIM test	8.25	4.2	ug/l	J
	Total TIC, Semi-Volatile		0	ug/l	

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46863-MB1	F93517.D	1	11/29/10	LP	11/20/10	OP46863	EF4370

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-1, JA62028-2

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	140	29	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	140	28	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	140	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	140	48	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	570	35	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	35	ug/kg	
95-48-7	2-Methylphenol	ND	57	32	ug/kg	
	3&4-Methylphenol	ND	57	36	ug/kg	
88-75-5	2-Nitrophenol	ND	140	30	ug/kg	
100-02-7	4-Nitrophenol	ND	280	48	ug/kg	
87-86-5	Pentachlorophenol	ND	280	49	ug/kg	
108-95-2	Phenol	ND	57	30	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	140	29	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	140	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	140	27	ug/kg	
83-32-9	Acenaphthene	ND	28	8.3	ug/kg	
208-96-8	Acenaphthylene	ND	28	9.1	ug/kg	
98-86-2	Acetophenone	ND	140	5.0	ug/kg	
120-12-7	Anthracene	ND	28	10	ug/kg	
1912-24-9	Atrazine	ND	140	5.6	ug/kg	
56-55-3	Benzo(a)anthracene	ND	28	9.3	ug/kg	
50-32-8	Benzo(a)pyrene	ND	28	8.7	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	28	9.5	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	28	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	28	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	57	10	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	57	16	ug/kg	
92-52-4	1,1'-Biphenyl	ND	57	3.3	ug/kg	
100-52-7	Benzaldehyde	ND	140	6.6	ug/kg	
91-58-7	2-Chloronaphthalene	ND	57	8.8	ug/kg	
106-47-8	4-Chloroaniline	ND	140	9.1	ug/kg	
86-74-8	Carbazole	ND	57	13	ug/kg	
105-60-2	Caprolactam	ND	57	9.0	ug/kg	
218-01-9	Chrysene	ND	28	9.6	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	57	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	57	8.6	ug/kg	

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46863-MB1	F93517.D	1	11/29/10	LP	11/20/10	OP46863	EF4370

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-1, JA62028-2

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	57	8.5	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	57	8.6	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	57	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	57	11	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	140	7.2	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	28	9.7	ug/kg	
132-64-9	Dibenzofuran	ND	57	8.5	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	57	6.3	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	57	14	ug/kg	
84-66-2	Diethyl phthalate	ND	57	9.7	ug/kg	
131-11-3	Dimethyl phthalate	ND	57	10	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	57	25	ug/kg	
206-44-0	Fluoranthene	ND	28	13	ug/kg	
86-73-7	Fluorene	ND	28	9.3	ug/kg	
118-74-1	Hexachlorobenzene	ND	57	9.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	28	7.9	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	29	ug/kg	
67-72-1	Hexachloroethane	ND	140	7.9	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	28	9.9	ug/kg	
78-59-1	Isophorone	ND	57	7.7	ug/kg	
91-57-6	2-Methylnaphthalene	ND	57	16	ug/kg	
88-74-4	2-Nitroaniline	ND	140	13	ug/kg	
99-09-2	3-Nitroaniline	ND	140	11	ug/kg	
100-01-6	4-Nitroaniline	ND	140	11	ug/kg	
91-20-3	Naphthalene	ND	28	7.8	ug/kg	
98-95-3	Nitrobenzene	ND	57	8.2	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	57	7.0	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	140	17	ug/kg	
85-01-8	Phenanthrene	ND	28	13	ug/kg	
129-00-0	Pyrene	ND	28	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	140	8.7	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	85%	30-109%

Method Blank Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46863-MB1	F93517.D	1	11/29/10	LP	11/20/10	OP46863	EF4370

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-1, JA62028-2

CAS No.	Surrogate Recoveries		Limits
4165-62-2	Phenol-d5	97%	28-108%
118-79-6	2,4,6-Tribromophenol	109%	28-125%
4165-60-0	Nitrobenzene-d5	95%	28-113%
321-60-8	2-Fluorobiphenyl	86%	38-107%
1718-51-0	Terphenyl-d14	81%	31-116%

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46866-BS1	2M32838.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-10, JA62028-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-57-8	2-Chlorophenol	50	41.5	83	41-102
59-50-7	4-Chloro-3-methyl phenol	50	46.7	93	52-117
120-83-2	2,4-Dichlorophenol	50	43.9	88	47-113
105-67-9	2,4-Dimethylphenol	50	49.2	98	43-122
51-28-5	2,4-Dinitrophenol	100	85.6	86	32-138
534-52-1	4,6-Dinitro-o-cresol	50	45.8	92	47-122
95-48-7	2-Methylphenol	50	37.2	74	36-100
	3&4-Methylphenol	50	36.4	73	31-98
88-75-5	2-Nitrophenol	50	46.4	93	44-114
100-02-7	4-Nitrophenol	50	23.5	47	16-76
87-86-5	Pentachlorophenol	50	26.0	52	35-122
108-95-2	Phenol	50	19.6	39	15-62
58-90-2	2,3,4,6-Tetrachlorophenol	50	34.9	70	54-116
95-95-4	2,4,5-Trichlorophenol	50	45.5	91	56-115
88-06-2	2,4,6-Trichlorophenol	50	45.6	91	54-113
83-32-9	Acenaphthene	50	41.8	84	46-110
208-96-8	Acenaphthylene	50	41.8	84	42-103
98-86-2	Acetophenone	50	44.0	88	46-113
120-12-7	Anthracene	50	47.6	95	57-123
1912-24-9	Atrazine	50	51.8	104	55-127
100-52-7	Benzaldehyde	50	42.8	86	31-130
56-55-3	Benzo(a)anthracene	50	43.6	87	56-125
50-32-8	Benzo(a)pyrene	50	52.6	105	57-125
205-99-2	Benzo(b)fluoranthene	50	42.5	85	49-130
191-24-2	Benzo(g,h,i)perylene	50	52.1	104	55-129
207-08-9	Benzo(k)fluoranthene	50	61.8	124	53-132
101-55-3	4-Bromophenyl phenyl ether	50	47.9	96	55-121
85-68-7	Butyl benzyl phthalate	50	50.4	101	55-132
92-52-4	1,1'-Biphenyl	50	41.7	83	43-107
91-58-7	2-Chloronaphthalene	50	40.6	81	39-108
106-47-8	4-Chloroaniline	50	34.9	70	34-103
86-74-8	Carbazole	50	44.5	89	63-122
105-60-2	Caprolactam	50	9.0	18	1-99
218-01-9	Chrysene	50	49.7	99	57-123
111-91-1	bis(2-Chloroethoxy)methane	50	49.4	99	43-119
111-44-4	bis(2-Chloroethyl)ether	50	42.5	85	36-124

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46866-BS1	2M32838.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-10, JA62028-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-60-1	bis(2-Chloroisopropyl)ether	50	35.0	70	40-106
7005-72-3	4-Chlorophenyl phenyl ether	50	44.7	89	50-117
121-14-2	2,4-Dinitrotoluene	50	49.0	98	56-124
606-20-2	2,6-Dinitrotoluene	50	53.6	107	55-128
91-94-1	3,3'-Dichlorobenzidine	50	35.0	70	42-116
53-70-3	Dibenzo(a,h)anthracene	50	53.6	107	55-133
132-64-9	Dibenzofuran	50	42.0	84	53-109
84-74-2	Di-n-butyl phthalate	50	51.4	103	58-130
117-84-0	Di-n-octyl phthalate	50	53.3	107	55-133
84-66-2	Diethyl phthalate	50	45.5	91	52-123
131-11-3	Dimethyl phthalate	50	45.2	90	44-126
117-81-7	bis(2-Ethylhexyl)phthalate	50	52.3	105	57-134
206-44-0	Fluoranthene	50	48.1	96	56-124
86-73-7	Fluorene	50	46.1	92	53-118
118-74-1	Hexachlorobenzene	50	50.2	100	54-119
87-68-3	Hexachlorobutadiene	50	37.1	74	11-100
77-47-4	Hexachlorocyclopentadiene	100	94.8	95	5-120
67-72-1	Hexachloroethane	50	35.1	70	13-88
193-39-5	Indeno(1,2,3-cd)pyrene	50	48.3	97	55-131
78-59-1	Isophorone	50	50.6	101	43-120
91-57-6	2-Methylnaphthalene	50	37.2	74	33-103
88-74-4	2-Nitroaniline	50	44.9	90	48-132
99-09-2	3-Nitroaniline	50	32.6	65	48-115
100-01-6	4-Nitroaniline	50	40.4	81	51-125
91-20-3	Naphthalene	50	40.2	80	33-98
98-95-3	Nitrobenzene	50	43.5	87	41-114
621-64-7	N-Nitroso-di-n-propylamine	50	41.9	84	41-121
86-30-6	N-Nitrosodiphenylamine	50	45.9	92	54-136
85-01-8	Phenanthrene	50	44.0	88	57-119
129-00-0	Pyrene	50	47.4	95	56-123
95-94-3	1,2,4,5-Tetrachlorobenzene	50	38.8	78	18-130

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	56%	13-68%

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46866-BS1	2M32838.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-10, JA62028-11

CAS No.	Surrogate Recoveries	BSP	Limits
4165-62-2	Phenol-d5	38%	10-49%
118-79-6	2,4,6-Tribromophenol	102%	37-130%
4165-60-0	Nitrobenzene-d5	89%	25-112%
321-60-8	2-Fluorobiphenyl	84%	31-106%
1718-51-0	Terphenyl-d14	96%	14-122%

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46863-BS1	F93518.D	1	11/30/10	LP	11/20/10	OP46863	EF4370

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-1, JA62028-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1430	1300	91	55-107
59-50-7	4-Chloro-3-methyl phenol	1430	1350	95	57-116
120-83-2	2,4-Dichlorophenol	1430	1380	97	54-116
105-67-9	2,4-Dimethylphenol	1430	1540	108	55-127
51-28-5	2,4-Dinitrophenol	2860	3120	109	14-139
534-52-1	4,6-Dinitro-o-cresol	1430	1400	98	28-131
95-48-7	2-Methylphenol	1430	1350	95	53-109
	3&4-Methylphenol	1430	1430	100	52-111
88-75-5	2-Nitrophenol	1430	1500	105	52-117
100-02-7	4-Nitrophenol	1430	1420	99	17-136
87-86-5	Pentachlorophenol	1430	1190	83	18-125
108-95-2	Phenol	1430	1230	86	48-108
58-90-2	2,3,4,6-Tetrachlorophenol	1430	1150	81	45-118
95-95-4	2,4,5-Trichlorophenol	1430	1300	91	57-114
88-06-2	2,4,6-Trichlorophenol	1430	1270	89	57-115
83-32-9	Acenaphthene	1430	1380	97	54-113
208-96-8	Acenaphthylene	1430	1110	78	48-107
98-86-2	Acetophenone	1430	1320	92	54-115
120-12-7	Anthracene	1430	1420	99	55-120
1912-24-9	Atrazine	1430	1570	110	49-121
56-55-3	Benzo(a)anthracene	1430	1240	87	52-121
50-32-8	Benzo(a)pyrene	1430	1290	90	52-122
205-99-2	Benzo(b)fluoranthene	1430	1450	102	42-128
191-24-2	Benzo(g,h,i)perylene	1430	1220	85	51-120
207-08-9	Benzo(k)fluoranthene	1430	1030	72	47-132
101-55-3	4-Bromophenyl phenyl ether	1430	1220	85	53-124
85-68-7	Butyl benzyl phthalate	1430	1320	92	52-127
92-52-4	1,1'-Biphenyl	1430	1160	81	58-114
100-52-7	Benzaldehyde	1430	1150	81	5-148
91-58-7	2-Chloronaphthalene	1430	1110	78	52-116
106-47-8	4-Chloroaniline	1430	1100	77	16-93
86-74-8	Carbazole	1430	1200	84	55-122
105-60-2	Caprolactam	1430	1450	102	40-128
218-01-9	Chrysene	1430	1350	95	53-120
111-91-1	bis(2-Chloroethoxy)methane	1430	1280	90	50-120
111-44-4	bis(2-Chloroethyl)ether	1430	1080	76	40-127

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46863-BS1	F93518.D	1	11/30/10	LP	11/20/10	OP46863	EF4370

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-1, JA62028-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-60-1	bis(2-Chloroisopropyl)ether	1430	1270	89	47-111
7005-72-3	4-Chlorophenyl phenyl ether	1430	1210	85	52-120
121-14-2	2,4-Dinitrotoluene	1430	1450	102	51-125
606-20-2	2,6-Dinitrotoluene	1430	1390	97	54-126
91-94-1	3,3'-Dichlorobenzidine	1430	1070	75	28-113
53-70-3	Dibenzo(a,h)anthracene	1430	1250	88	51-125
132-64-9	Dibenzofuran	1430	1160	81	54-118
84-74-2	Di-n-butyl phthalate	1430	1230	86	55-122
117-84-0	Di-n-octyl phthalate	1430	1380	97	50-132
84-66-2	Diethyl phthalate	1430	1210	85	53-118
131-11-3	Dimethyl phthalate	1430	1160	81	55-116
117-81-7	bis(2-Ethylhexyl)phthalate	1430	1330	93	51-130
206-44-0	Fluoranthene	1430	1180	83	50-119
86-73-7	Fluorene	1430	1210	85	54-119
118-74-1	Hexachlorobenzene	1430	1230	86	51-123
87-68-3	Hexachlorobutadiene	1430	1270	89	40-130
77-47-4	Hexachlorocyclopentadiene	2860	3580	125	24-145
67-72-1	Hexachloroethane	1430	1180	83	41-118
193-39-5	Indeno(1,2,3-cd)pyrene	1430	1250	88	51-124
78-59-1	Isophorone	1430	1280	90	50-117
91-57-6	2-Methylnaphthalene	1430	1490	104	44-127
88-74-4	2-Nitroaniline	1430	1410	99	44-137
99-09-2	3-Nitroaniline	1430	1170	82	33-106
100-01-6	4-Nitroaniline	1430	1270	89	44-122
91-20-3	Naphthalene	1430	1180	83	49-112
98-95-3	Nitrobenzene	1430	1230	86	48-118
621-64-7	N-Nitroso-di-n-propylamine	1430	1240	87	46-121
86-30-6	N-Nitrosodiphenylamine	1430	1210	85	59-130
85-01-8	Phenanthrene	1430	1370	96	53-118
129-00-0	Pyrene	1430	1220	85	52-120
95-94-3	1,2,4,5-Tetrachlorobenzene	1430	1270	89	36-152

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	84%	30-109%

Blank Spike Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46863-BS1	F93518.D	1	11/30/10	LP	11/20/10	OP46863	EF4370

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-1, JA62028-2

CAS No.	Surrogate Recoveries	BSP	Limits
4165-62-2	Phenol-d5	90%	28-108%
118-79-6	2,4,6-Tribromophenol	99%	28-125%
4165-60-0	Nitrobenzene-d5	89%	28-113%
321-60-8	2-Fluorobiphenyl	76%	38-107%
1718-51-0	Terphenyl-d14	86%	31-116%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46866-MS	2M32845.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417
OP46866-MSD	2M32846.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417
JA62003-2	2M32844.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-10, JA62028-11

CAS No.	Compound	JA62003-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		125	104	83	106	85	2	32-102/33
59-50-7	4-Chloro-3-methyl phenol	ND		125	117	94	121	97	3	38-126/30
120-83-2	2,4-Dichlorophenol	ND		125	109	87	111	89	2	33-116/34
105-67-9	2,4-Dimethylphenol	ND		125	115	92	119	95	3	30-128/32
51-28-5	2,4-Dinitrophenol	ND		250	108	43	119	48	10	20-151/29
534-52-1	4,6-Dinitro-o-cresol	ND		125	58.5	47	63.0	50	7	31-135/29
95-48-7	2-Methylphenol	ND		125	101	81	103	82	2	26-111/33
	3&4-Methylphenol	ND		125	101	81	103	82	2	26-111/33
88-75-5	2-Nitrophenol	ND		125	109	87	114	91	4	29-116/35
100-02-7	4-Nitrophenol	ND		125	58.9	47	93.6	75	46* [a]	10-123/35
87-86-5	Pentachlorophenol	ND		125	74.0	59	78.3	63	6	34-133/26
108-95-2	Phenol	ND		125	83.4	67	86.7	69	4	14-85/37
58-90-2	2,3,4,6-Tetrachlorophenol	ND		125	92.0	74	94.3	75	2	45-123/26
95-95-4	2,4,5-Trichlorophenol	ND		125	115	92	120	96	4	44-121/26
88-06-2	2,4,6-Trichlorophenol	ND		125	113	90	118	94	4	41-119/28
83-32-9	Acenaphthene	ND		125	102	82	108	86	6	37-114/31
208-96-8	Acenaphthylene	ND		125	102	82	107	86	5	33-108/31
98-86-2	Acetophenone	ND		125	113	90	110	88	3	25-127/35
120-12-7	Anthracene	ND		125	109	87	117	94	7	48-125/26
1912-24-9	Atrazine	ND		125	124	99	128	102	3	40-133/27
100-52-7	Benzaldehyde	ND		125	107	86	105	84	2	9-151/37
56-55-3	Benzo(a)anthracene	ND		125	103	82	111	89	7	48-127/26
50-32-8	Benzo(a)pyrene	ND		125	118	94	129	103	9	48-128/26
205-99-2	Benzo(b)fluoranthene	ND		125	117	94	114	91	3	41-133/29
191-24-2	Benzo(g,h,i)perylene	ND		125	123	98	131	105	6	42-134/27
207-08-9	Benzo(k)fluoranthene	ND		125	112	90	134	107	18	45-133/30
101-55-3	4-Bromophenyl phenyl ether	ND		125	110	88	119	95	8	47-123/28
85-68-7	Butyl benzyl phthalate	ND		125	112	90	124	99	10	47-137/27
92-52-4	1,1'-Biphenyl	ND		125	105	84	106	85	1	36-113/32
91-58-7	2-Chloronaphthalene	ND		125	102	82	108	86	6	35-110/32
106-47-8	4-Chloroaniline	ND		125	80.5	64	79.7	64	1	22-98/36
86-74-8	Carbazole	ND		125	109	87	114	91	4	54-127/26
105-60-2	Caprolactam	ND		125	54.7	44	53.8	43	2	1-103/43
218-01-9	Chrysene	ND		125	116	93	123	98	6	49-125/25
111-91-1	bis(2-Chloroethoxy)methane	ND		125	119	95	124	99	4	33-116/36
111-44-4	bis(2-Chloroethyl)ether	ND		125	99.6	80	107	86	7	24-124/34

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46866-MS	2M32845.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417
OP46866-MSD	2M32846.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417
JA62003-2	2M32844.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-10, JA62028-11

CAS No.	Compound	JA62003-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-60-1	bis(2-Chloroisopropyl)ether	ND		125	85.6	68	87.7	70	2	31-104/35
7005-72-3	4-Chlorophenyl phenyl ether	ND		125	106	85	115	92	8	42-119/28
121-14-2	2,4-Dinitrotoluene	ND		125	115	92	124	99	8	45-129/28
606-20-2	2,6-Dinitrotoluene	ND		125	119	95	127	102	7	46-132/29
91-94-1	3,3'-Dichlorobenzidine	ND		125	56.5	45	67.3	54	17	17-119/36
53-70-3	Dibenzo(a,h)anthracene	ND		125	128	102	137	110	7	45-136/27
132-64-9	Dibenzofuran	ND		125	101	81	109	87	8	44-114/30
84-74-2	Di-n-butyl phthalate	ND		125	118	94	128	102	8	49-134/26
117-84-0	Di-n-octyl phthalate	ND		125	122	98	130	104	6	46-140/25
84-66-2	Diethyl phthalate	ND		125	113	90	118	94	4	46-123/27
131-11-3	Dimethyl phthalate	ND		125	113	90	118	94	4	39-123/32
117-81-7	bis(2-Ethylhexyl)phthalate	42.4		125	228	148* [a]	233	152* [a]	2	49-141/27
206-44-0	Fluoranthene	ND		125	110	88	120	96	9	46-127/27
86-73-7	Fluorene	ND		125	110	88	117	94	6	44-121/29
118-74-1	Hexachlorobenzene	ND		125	114	91	123	98	8	46-120/27
87-68-3	Hexachlorobutadiene	ND		125	101	81	99.4	80	2	15-99/39
77-47-4	Hexachlorocyclopentadiene	ND		250	162	65	172	69	6	4-124/39
67-72-1	Hexachloroethane	ND		125	96.3	77	89.4	72	7	16-86/39
193-39-5	Indeno(1,2,3-cd)pyrene	ND		125	121	97	123	98	2	43-137/28
78-59-1	Isophorone	ND		125	123	98	127	102	3	33-117/36
91-57-6	2-Methylnaphthalene	ND		125	94.0	75	96.4	77	3	22-117/37
88-74-4	2-Nitroaniline	ND		125	110	88	118	94	7	37-135/29
99-09-2	3-Nitroaniline	ND		125	85.8	69	85.3	68	1	34-115/28
100-01-6	4-Nitroaniline	ND		125	101	81	108	86	7	36-128/30
91-20-3	Naphthalene	ND		125	100	80	100	80	0	22-106/35
98-95-3	Nitrobenzene	ND		125	105	84	108	86	3	30-116/37
621-64-7	N-Nitroso-di-n-propylamine	ND		125	104	83	107	86	3	32-118/35
86-30-6	N-Nitrosodiphenylamine	ND		125	94.9	76	101	81	6	42-145/27
85-01-8	Phenanthrene	ND		125	103	82	110	88	7	45-127/27
129-00-0	Pyrene	ND		125	105	84	116	93	10	45-129/26
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		125	98.5	79	105	84	6	23-131/18

CAS No.	Surrogate Recoveries	MS	MSD	JA62003-2	Limits
367-12-4	2-Fluorophenol	72%* [b]	74%* [b]	52%	13-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46866-MS	2M32845.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417
OP46866-MSD	2M32846.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417
JA62003-2	2M32844.D	1	11/22/10	OYA	11/20/10	OP46866	E2M1417

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-10, JA62028-11

CAS No.	Surrogate Recoveries	MS	MSD	JA62003-2	Limits
4165-62-2	Phenol-d5	62%* [b]	66%* [b]	34%	10-49%
118-79-6	2,4,6-Tribromophenol	96%	99%	92%	37-130%
4165-60-0	Nitrobenzene-d5	85%	88%	84%	25-112%
321-60-8	2-Fluorobiphenyl	79%	84%	82%	31-106%
1718-51-0	Terphenyl-d14	48%	51%	69%	14-122%

(a) Outside control limits due to matrix interference.
(b) Outside of in house control limits, but within reasonable method recovery limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46863-MS	F93520.D	1	11/30/10	LP	11/20/10	OP46863	EF4370
OP46863-MSD	F93521.D	1	11/30/10	LP	11/20/10	OP46863	EF4370
JA62002-1	F93519.D	1	11/30/10	LP	11/20/10	OP46863	EF4370

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-1, JA62028-2

CAS No.	Compound	JA62002-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1550	1430	92	1400	90	2	41-106/24
59-50-7	4-Chloro-3-methyl phenol	ND		1550	1520	98	1500	96	1	39-122/27
120-83-2	2,4-Dichlorophenol	ND		1550	1500	97	1520	98	1	40-115/27
105-67-9	2,4-Dimethylphenol	ND		1550	1630	105	1620	104	1	40-130/27
51-28-5	2,4-Dinitrophenol	ND		3100	3070	99	3090	99	1	1-121/39
534-52-1	4,6-Dinitro-o-cresol	ND		1550	1510	97	1430	92	5	1-123/40
95-48-7	2-Methylphenol	ND		1550	1470	95	1440	92	2	38-112/26
	3&4-Methylphenol	ND		1550	1560	101	1580	101	1	37-114/27
88-75-5	2-Nitrophenol	ND		1550	1610	104	1640	105	2	28-118/28
100-02-7	4-Nitrophenol	ND		1550	1540	99	1480	95	4	13-136/39
87-86-5	Pentachlorophenol	ND		1550	1210	78	1160	74	4	13-124/28
108-95-2	Phenol	ND		1550	1370	88	1350	87	1	35-109/27
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1550	1260	81	1240	80	2	36-116/29
95-95-4	2,4,5-Trichlorophenol	ND		1550	1410	91	1400	90	1	43-114/26
88-06-2	2,4,6-Trichlorophenol	ND		1550	1370	88	1410	90	3	43-117/26
83-32-9	Acenaphthene	ND		1550	1540	99	1560	100	1	38-116/26
208-96-8	Acenaphthylene	ND		1550	1260	81	1270	81	1	34-111/24
98-86-2	Acetophenone	ND		1550	1470	95	1470	94	0	35-119/26
120-12-7	Anthracene	ND		1550	1640	106	1590	102	3	35-127/28
1912-24-9	Atrazine	ND		1550	1770	114	1690	108	5	33-121/27
56-55-3	Benzo(a)anthracene	17.7	J	1550	1390	89	1340	85	4	26-135/30
50-32-8	Benzo(a)pyrene	ND		1550	1500	97	1440	92	4	30-131/30
205-99-2	Benzo(b)fluoranthene	ND		1550	1720	111	1520	98	12	24-135/33
191-24-2	Benzo(g,h,i)perylene	ND		1550	1410	91	1410	90	0	30-129/29
207-08-9	Benzo(k)fluoranthene	ND		1550	1170	75	1280	82	9	27-131/33
101-55-3	4-Bromophenyl phenyl ether	ND		1550	1380	89	1340	86	3	41-122/25
85-68-7	Butyl benzyl phthalate	ND		1550	1530	99	1430	92	7	38-130/27
92-52-4	1,1'-Biphenyl	ND		1550	1280	83	1320	85	3	42-118/25
100-52-7	Benzaldehyde	ND		1550	1330	86	1340	86	1	4-142/33
91-58-7	2-Chloronaphthalene	ND		1550	1240	80	1270	81	2	42-113/24
106-47-8	4-Chloroaniline	ND		1550	1190	77	1090	70	9	14-91/34
86-74-8	Carbazole	ND		1550	1410	91	1350	87	4	40-126/26
105-60-2	Caprolactam	ND		1550	1640	106	1510	97	8	22-135/32
218-01-9	Chrysene	ND		1550	1570	101	1530	98	3	27-135/30
111-91-1	bis(2-Chloroethoxy)methane	ND		1550	1440	93	1450	93	1	35-120/25
111-44-4	bis(2-Chloroethyl)ether	ND		1550	1230	79	1200	77	2	29-124/27

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46863-MS	F93520.D	1	11/30/10	LP	11/20/10	OP46863	EF4370
OP46863-MSD	F93521.D	1	11/30/10	LP	11/20/10	OP46863	EF4370
JA62002-1	F93519.D	1	11/30/10	LP	11/20/10	OP46863	EF4370

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-1, JA62028-2

CAS No.	Compound	JA62002-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-60-1	bis(2-Chloroisopropyl)ether	ND		1550	1440	93	1430	92	1	34-110/24
7005-72-3	4-Chlorophenyl phenyl ether	ND		1550	1380	89	1370	88	1	40-119/24
121-14-2	2,4-Dinitrotoluene	ND		1550	1650	106	1610	103	2	31-123/28
606-20-2	2,6-Dinitrotoluene	ND		1550	1610	104	1550	99	4	35-128/27
91-94-1	3,3'-Dichlorobenzidine	ND		1550	1150	74	1010	65	13	12-113/35
53-70-3	Dibenzo(a,h)anthracene	ND		1550	1470	95	1450	93	1	35-129/28
132-64-9	Dibenzofuran	ND		1550	1340	86	1340	86	0	36-125/26
84-74-2	Di-n-butyl phthalate	ND		1550	1450	94	1360	87	6	39-124/25
117-84-0	Di-n-octyl phthalate	ND		1550	1660	107	1540	99	8	33-135/27
84-66-2	Diethyl phthalate	ND		1550	1410	91	1360	87	4	41-116/25
131-11-3	Dimethyl phthalate	70.3		1550	1400	86	1330	81	5	42-116/25
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1550	1530	99	1450	93	5	35-140/30
206-44-0	Fluoranthene	17.1	J	1550	1380	88	1310	83	5	24-133/34
86-73-7	Fluorene	ND		1550	1390	90	1360	87	2	37-124/27
118-74-1	Hexachlorobenzene	ND		1550	1420	92	1340	86	6	40-116/24
87-68-3	Hexachlorobutadiene	ND		1550	1420	92	1410	90	1	31-122/26
77-47-4	Hexachlorocyclopentadiene	ND		3100	3900	126	3950	127	1	1-127/37
67-72-1	Hexachloroethane	ND		1550	1320	85	1360	87	3	26-108/25
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1550	1450	94	1440	92	1	32-130/29
78-59-1	Isophorone	ND		1550	1430	92	1450	93	1	35-117/25
91-57-6	2-Methylnaphthalene	ND		1550	1690	109	1700	109	1	29-130/28
88-74-4	2-Nitroaniline	ND		1550	1620	105	1590	102	2	33-133/30
99-09-2	3-Nitroaniline	ND		1550	1350	87	1280	82	5	24-108/31
100-01-6	4-Nitroaniline	ND		1550	1450	94	1350	87	7	25-117/31
91-20-3	Naphthalene	ND		1550	1330	86	1330	85	0	32-116/28
98-95-3	Nitrobenzene	ND		1550	1410	91	1410	90	0	32-120/26
621-64-7	N-Nitroso-di-n-propylamine	ND		1550	1410	91	1410	90	0	30-124/25
86-30-6	N-Nitrosodiphenylamine	ND		1550	1380	89	1330	85	4	38-143/27
85-01-8	Phenanthrene	ND		1550	1570	101	1540	99	2	26-135/33
129-00-0	Pyrene	17.6	J	1550	1400	89	1330	84	5	23-139/33
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		1550	1400	90	1430	92	2	24-146/19

CAS No.	Surrogate Recoveries	MS	MSD	JA62002-1	Limits
367-12-4	2-Fluorophenol	85%	83%	77%	30-109%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP46863-MS	F93520.D	1	11/30/10	LP	11/20/10	OP46863	EF4370
OP46863-MSD	F93521.D	1	11/30/10	LP	11/20/10	OP46863	EF4370
JA62002-1	F93519.D	1	11/30/10	LP	11/20/10	OP46863	EF4370

The QC reported here applies to the following samples: **Method:** SW846 8270C

JA62028-1, JA62028-2

CAS No.	Surrogate Recoveries	MS	MSD	JA62002-1	Limits
4165-62-2	Phenol-d5	90%	89%	86%	28-108%
118-79-6	2,4,6-Tribromophenol	103%	97%	100%	28-125%
4165-60-0	Nitrobenzene-d5	89%	91%	81%	28-113%
321-60-8	2-Fluorobiphenyl	76%	77%	77%	38-107%
1718-51-0	Terphenyl-d14	87%	82%	77%	31-116%

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1369-DFTPP
Lab File ID: 2M31869.D
Instrument ID: GCMS2M
Injection Date: 09/29/10
Injection Time: 09:33

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	25813	35.8		Pass
68	Less than 2.0% of mass 69	393	0.54	(1.55) [a]	Pass
69	Mass 69 relative abundance	25284	35.0		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	39365	54.6		Pass
197	Less than 1.0% of mass 198	180	0.25		Pass
198	Base peak, 100% relative abundance	72149	100.0		Pass
199	5.0 - 9.0% of mass 198	4862	6.74		Pass
275	10.0 - 30.0% of mass 198	15418	21.4		Pass
365	1.0 - 100.0% of mass 198	1871	2.59		Pass
441	Present, but less than mass 443	10034	13.9	(76.6) [b]	Pass
442	40.0 - 100.0% of mass 198	68533	95.0		Pass
443	17.0 - 23.0% of mass 442	13105	18.2	(19.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M1369-IC1369	2M31872.D	09/29/10	11:03	01:30	Initial cal 100
E2M1369-IC1369	2M31873.D	09/29/10	11:34	02:01	Initial cal 2
E2M1369-IC1369	2M31874.D	09/29/10	12:06	02:33	Initial cal 5
E2M1369-IC1369	2M31875.D	09/29/10	12:38	03:05	Initial cal 10
E2M1369-IC1369	2M31876.D	09/29/10	13:09	03:36	Initial cal 80
E2M1369-IC1369	2M31877.D	09/29/10	13:40	04:07	Initial cal 1
E2M1369-ICC1369	2M31870.D	09/29/10	14:23	04:50	Initial cal 50
E2M1369-IC1369	2M31871.D	09/29/10	14:55	05:22	Initial cal 25

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample:	E2M1370-DFTPP	**Injection Date:**	09/29/10
Lab File ID:	2M31878.D	**Injection Time:**	15:21
Instrument ID:	GCMS2M		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	28250	37.3		Pass
68	Less than 2.0% of mass 69	421	0.56	(1.52) [a]	Pass
69	Mass 69 relative abundance	27714	36.5		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	41466	54.7		Pass
197	Less than 1.0% of mass 198	435	0.57		Pass
198	Base peak, 100% relative abundance	75834	100.0		Pass
199	5.0 - 9.0% of mass 198	4938	6.51		Pass
275	10.0 - 30.0% of mass 198	16439	21.7		Pass
365	1.0 - 100.0% of mass 198	1832	2.42		Pass
441	Present, but less than mass 443	10377	13.7	(76.6) [b]	Pass
442	40.0 - 100.0% of mass 198	72245	95.3		Pass
443	17.0 - 23.0% of mass 442	13550	17.9	(18.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M1370-IC1370	2M31879.D	09/29/10	15:37	00:16	Initial cal 100
E2M1370-IC1370	2M31880.D	09/29/10	16:08	00:47	Initial cal 80
E2M1370-ICC1370	2M31881.D	09/29/10	16:39	01:18	Initial cal 50
E2M1370-IC1370	2M31882.D	09/29/10	17:11	01:50	Initial cal 25
E2M1370-IC1370	2M31883.D	09/29/10	17:43	02:22	Initial cal 10
E2M1370-IC1370	2M31884.D	09/29/10	18:14	02:53	Initial cal 5
E2M1370-IC1370	2M31885.D	09/29/10	18:46	03:25	Initial cal 2
E2M1370-IC1370	2M31886.D	09/29/10	19:17	03:56	Initial cal 1
E2M1370-ICV1369	2M31887.D	09/29/10	19:49	04:28	Initial cal verification 50
E2M1370-ICV1369	2M31888.D	09/29/10	20:20	04:59	Initial cal verification 50
E2M1370-ICV1370	2M31888A.D	09/29/10	20:20	04:59	Initial cal verification 50
E2M1370-ICV1369	2M31890.D	09/29/10	21:23	06:02	Initial cal verification 50
E2M1370-ICV1370	2M31891.D	09/29/10	21:55	06:34	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1417-DFTPP
Lab File ID: 2M32833.D
Instrument ID: GCMS2M
Injection Date: 11/22/10
Injection Time: 09:48

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	7164	46.8		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	6433	42.0		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	9135	59.6		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	15324	100.0		Pass
199	5.0 - 9.0% of mass 198	1004	6.55		Pass
275	10.0 - 30.0% of mass 198	3366	22.0		Pass
365	1.0 - 100.0% of mass 198	425	2.77		Pass
441	Present, but less than mass 443	1845	12.0	(73.9) [b]	Pass
442	40.0 - 100.0% of mass 198	12891	84.1		Pass
443	17.0 - 23.0% of mass 442	2498	16.3	(19.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M1417-CC1369	2M32834.D	11/22/10	10:39	00:51	Continuing cal 50
E2M1417-CC1370	2M32835.D	11/22/10	11:29	01:41	Continuing cal 25
OP46686-MB1	2M32836.D	11/22/10	12:05	02:17	Method Blank
OP46866-MB1	2M32837.D	11/22/10	12:36	02:48	Method Blank
OP46866-BS1	2M32838.D	11/22/10	13:07	03:19	Blank Spike
ZZZZZZ	2M32839.D	11/22/10	13:41	03:53	(unrelated sample)
ZZZZZZ	2M32840.D	11/22/10	14:12	04:24	(unrelated sample)
ZZZZZZ	2M32843.D	11/22/10	14:44	04:56	(unrelated sample)
ZZZZZZ	2M32841.D	11/22/10	15:15	05:27	(unrelated sample)
ZZZZZZ	2M32842.D	11/22/10	15:46	05:58	(unrelated sample)
JA62003-2	2M32844.D	11/22/10	16:17	06:29	(used for QC only; not part of job JA62028)
OP46866-MS	2M32845.D	11/22/10	17:19	07:31	Matrix Spike
OP46866-MSD	2M32846.D	11/22/10	17:50	08:02	Matrix Spike Duplicate
ZZZZZZ	2M32847.D	11/22/10	18:21	08:33	(unrelated sample)
ZZZZZZ	2M32848.D	11/22/10	18:52	09:04	(unrelated sample)
ZZZZZZ	2M32849.D	11/22/10	19:23	09:35	(unrelated sample)
ZZZZZZ	2M32850.D	11/22/10	19:54	10:06	(unrelated sample)
ZZZZZZ	2M32851.D	11/22/10	20:25	10:37	(unrelated sample)
ZZZZZZ	2M32852.D	11/22/10	20:56	11:08	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample:	E2M1417-DFTPP	**Injection Date:**	11/22/10
Lab File ID:	2M32833.D	**Injection Time:**	09:48
Instrument ID:	GCMS2M		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	2M32853.D	11/22/10	21:27	11:39	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1421-DFTPP
Lab File ID: 2M32900.D
Instrument ID: GCMS2M
Injection Date: 11/24/10
Injection Time: 13:20

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	7871	32.4		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	8570	35.2		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	13298	54.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	24314	100.0		Pass
199	5.0 - 9.0% of mass 198	1611	6.63		Pass
275	10.0 - 30.0% of mass 198	5657	23.3		Pass
365	1.0 - 100.0% of mass 198	679	2.79		Pass
441	Present, but less than mass 443	3290	13.5	(72.0) [b]	Pass
442	40.0 - 100.0% of mass 198	23397	96.2		Pass
443	17.0 - 23.0% of mass 442	4567	18.8	(19.5) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M1421-IC1421	2M32901.D	11/24/10	13:33	00:13	Initial cal 100
E2M1421-IC1421	2M32902.D	11/24/10	14:12	00:52	Initial cal 80
E2M1421-ICC1421	2M32903.D	11/24/10	14:42	01:22	Initial cal 50
E2M1421-IC1421	2M32904.D	11/24/10	15:13	01:53	Initial cal 25
E2M1421-IC1421	2M32905.D	11/24/10	15:44	02:24	Initial cal 10
E2M1421-IC1421	2M32906.D	11/24/10	18:01	04:41	Initial cal 5
E2M1421-IC1421	2M32907.D	11/24/10	18:32	05:12	Initial cal 2
E2M1421-IC1421	2M32908.D	11/24/10	19:03	05:43	Initial cal 1
E2M1421-ICV1421	2M32909.D	11/24/10	19:34	06:14	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample:	E2M1424-DFTPP	**Injection Date:**	11/30/10
Lab File ID:	2M32956.D	**Injection Time:**	13:37
Instrument ID:	GCMS2M		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	6096	30.9		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	6706	34.0		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	10820	54.9		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	19709	100.0		Pass
199	5.0 - 9.0% of mass 198	1357	6.89		Pass
275	10.0 - 30.0% of mass 198	4700	23.8		Pass
365	1.0 - 100.0% of mass 198	581	2.95		Pass
441	Present, but less than mass 443	2526	12.8	(74.4) [b]	Pass
442	40.0 - 100.0% of mass 198	17642	89.5		Pass
443	17.0 - 23.0% of mass 442	3394	17.2	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M1424-CC1369	2M32957.D	11/30/10	13:50	00:13	Continuing cal 50
E2M1424-CC1421	2M32958.D	11/30/10	14:21	00:44	Continuing cal 50
E2M1424-CC1370	2M32959.D	11/30/10	14:54	01:17	Continuing cal 25
ZZZZZZ	2M32961.D	11/30/10	15:57	02:20	(unrelated sample)
ZZZZZZ	2M32964.D	11/30/10	17:30	03:53	(unrelated sample)
ZZZZZZ	2M32965.D	11/30/10	18:01	04:24	(unrelated sample)
ZZZZZZ	2M32970.D	11/30/10	20:36	06:59	(unrelated sample)
JA62028-10	2M32971.D	11/30/10	21:07	07:30	FLS-STAINSOIL-GW(10.5")
JA62028-11	2M32972.D	11/30/10	21:38	08:01	FLS-BOILERROOM-GW(8")
ZZZZZZ	2M32974.D	11/30/10	22:40	09:03	(unrelated sample)
ZZZZZZ	2M32975.D	11/30/10	23:11	09:34	(unrelated sample)
ZZZZZZ	2M32976.D	11/30/10	23:42	10:05	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4329-DFTPP
Lab File ID: F92479.D
Instrument ID: GCMSF
Injection Date: 10/20/10
Injection Time: 07:58

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	25397	30.4		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	30033	35.9		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	36405	43.5		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	83637	100.0		Pass
199	5.0 - 9.0% of mass 198	5517	6.60		Pass
275	10.0 - 30.0% of mass 198	18232	21.8		Pass
365	1.0 - 100.0% of mass 198	2054	2.46		Pass
441	Present, but less than mass 443	11098	13.3	(83.0) [b]	Pass
442	40.0 - 100.0% of mass 198	66853	79.9		Pass
443	17.0 - 23.0% of mass 442	13368	16.0	(20.0) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF4329-ICC4329	F92480.D	10/20/10	08:47	00:49	Initial cal 50
EF4329-IC4329	F92481.D	10/20/10	09:53	01:55	Initial cal 100
EF4329-IC4329	F92482.D	10/20/10	10:17	02:19	Initial cal 1
EF4329-IC4329	F92483.D	10/20/10	10:41	02:43	Initial cal 2
EF4329-IC4329	F92484.D	10/20/10	11:06	03:08	Initial cal 5
EF4329-IC4329	F92485.D	10/20/10	11:30	03:32	Initial cal 10
EF4329-IC4329	F92486.D	10/20/10	11:54	03:56	Initial cal 25
EF4329-IC4329	F92487.D	10/20/10	12:18	04:20	Initial cal 80

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-DFTPP
Lab File ID: F92488.D
Instrument ID: GCMSF
Injection Date: 10/20/10
Injection Time: 12:55

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	27148	33.8		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	30180	37.5		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	36352	45.2		Pass
197	Less than 1.0% of mass 198	151	0.19		Pass
198	Base peak, 100% relative abundance	80400	100.0		Pass
199	5.0 - 9.0% of mass 198	5834	7.26		Pass
275	10.0 - 30.0% of mass 198	18062	22.5		Pass
365	1.0 - 100.0% of mass 198	2129	2.65		Pass
441	Present, but less than mass 443	10242	12.7	(87.2) [b]	Pass
442	40.0 - 100.0% of mass 198	60893	75.7		Pass
443	17.0 - 23.0% of mass 442	11747	14.6	(19.3) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF4330-ICC4330	F92489.D	10/20/10	13:08	00:13	Initial cal 50
EF4330-IC4330	F92490.D	10/20/10	13:33	00:38	Initial cal 1
EF4330-IC4330	F92491.D	10/20/10	13:57	01:02	Initial cal 2
EF4330-IC4330	F92492.D	10/20/10	14:22	01:27	Initial cal 5
EF4330-IC4330	F92493.D	10/20/10	14:46	01:51	Initial cal 10
EF4330-IC4330	F92494.D	10/20/10	15:10	02:15	Initial cal 25
EF4330-IC4330	F92495.D	10/20/10	15:35	02:40	Initial cal 80
EF4330-IC4330	F92496.D	10/20/10	15:59	03:04	Initial cal 100
EF4330-ICV4330	F92497A.D	10/20/10	16:24	03:29	Initial cal verification 50
EF4330-ICV4329	F92497.D	10/20/10	16:24	03:29	Initial cal verification 50
EF4330-ICV4330	F92498A.D	10/20/10	16:48	03:53	Initial cal verification 50
EF4330-ICV4329	F92498.D	10/20/10	16:48	03:53	Initial cal verification 50
EF4330-ICV4329	F92499.D	10/20/10	17:13	04:18	Initial cal verification 50
EF4330-ICV4329	F92500.D	10/20/10	17:37	04:42	Initial cal verification 50
EF4330-ICV4329	F92501.D	10/20/10	18:01	05:06	Initial cal verification 50
EF4330-ICV4330	F92501A.D	10/20/10	18:01	05:06	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4370-DFTPP
Lab File ID: F93514.D
Instrument ID: GCMSF
Injection Date: 11/29/10
Injection Time: 22:23

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	21289	34.9		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	23911	39.2		Pass
70	Less than 2.0% of mass 69	294	0.48	(1.23) [a]	Pass
127	40.0 - 60.0% of mass 198	27389	44.9		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	60954	100.0		Pass
199	5.0 - 9.0% of mass 198	3859	6.33		Pass
275	10.0 - 30.0% of mass 198	14107	23.1		Pass
365	1.0 - 100.0% of mass 198	2012	3.30		Pass
441	Present, but less than mass 443	8874	14.6	(86.8) [b]	Pass
442	40.0 - 100.0% of mass 198	54501	89.4		Pass
443	17.0 - 23.0% of mass 442	10219	16.8	(18.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF4370-CC4329	F93515.D	11/29/10	23:04	00:41	Continuing cal 50
EF4370-CC4330	F93516.D	11/29/10	23:28	01:05	Continuing cal 25
OP46863-MB1	F93517.D	11/29/10	23:52	01:29	Method Blank
OP46863-BS1	F93518.D	11/30/10	00:16	01:53	Blank Spike
JA62002-1	F93519.D	11/30/10	00:40	02:17	(used for QC only; not part of job JA62028)
OP46863-MS	F93520.D	11/30/10	01:04	02:41	Matrix Spike
OP46863-MSD	F93521.D	11/30/10	01:28	03:05	Matrix Spike Duplicate
ZZZZZZ	F93522.D	11/30/10	01:52	03:29	(unrelated sample)
ZZZZZZ	F93524.D	11/30/10	02:16	03:53	(unrelated sample)
ZZZZZZ	F93525.D	11/30/10	02:40	04:17	(unrelated sample)
ZZZZZZ	F93526.D	11/30/10	03:04	04:41	(unrelated sample)
ZZZZZZ	F93528.D	11/30/10	03:52	05:29	(unrelated sample)
ZZZZZZ	F93529.D	11/30/10	04:17	05:54	(unrelated sample)
ZZZZZZ	F93530.D	11/30/10	04:41	06:18	(unrelated sample)
ZZZZZZ	F93531.D	11/30/10	05:05	06:42	(unrelated sample)
ZZZZZZ	F93532.D	11/30/10	05:29	07:06	(unrelated sample)
ZZZZZZ	F93535.D	11/30/10	06:41	08:18	(unrelated sample)
ZZZZZZ	F93536.D	11/30/10	07:05	08:42	(unrelated sample)
ZZZZZZ	F93537.D	11/30/10	07:30	09:07	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample:	EF4370-DFTPP	**Injection Date:**	11/29/10
Lab File ID:	F93514.D	**Injection Time:**	22:23
Instrument ID:	GCMSF		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	F93538.D	11/30/10	07:54	09:31	(unrelated sample)
JA62028-1	F93539.D	11/30/10	08:18	09:55	FLS-BOILERROOM(3.0')

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4371-DFTPP
Lab File ID: F93541.D
Instrument ID: GCMSF
Injection Date: 11/30/10
Injection Time: 11:22

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	18136	36.9		Pass
68	Less than 2.0% of mass 69	112	0.23	(0.55) [a]	Pass
69	Mass 69 relative abundance	20416	41.6		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	22721	46.3		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	49125	100.0		Pass
199	5.0 - 9.0% of mass 198	3304	6.73		Pass
275	10.0 - 30.0% of mass 198	11217	22.8		Pass
365	1.0 - 100.0% of mass 198	1677	3.41		Pass
441	Present, but less than mass 443	6770	13.8	(85.7) [b]	Pass
442	40.0 - 100.0% of mass 198	39816	81.1		Pass
443	17.0 - 23.0% of mass 442	7904	16.1	(19.9) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF4371-CC4329	F93542.D	11/30/10	12:07	00:45	Continuing cal 50
EF4371-CC4330	F93543.D	11/30/10	12:35	01:13	Continuing cal 25
ZZZZZZ	F93544.D	11/30/10	12:59	01:37	(unrelated sample)
ZZZZZZ	F93545.D	11/30/10	13:23	02:01	(unrelated sample)
JA62446-2	F93546.D	11/30/10	13:47	02:25	(used for QC only; not part of job JA62028)
ZZZZZZ	F93551.D	11/30/10	14:11	02:49	(unrelated sample)
ZZZZZZ	F93547.D	11/30/10	14:35	03:13	(unrelated sample)
ZZZZZZ	F93548.D	11/30/10	15:00	03:38	(unrelated sample)
ZZZZZZ	F93549.D	11/30/10	15:24	04:02	(unrelated sample)
ZZZZZZ	F93566.D	11/30/10	17:01	05:39	(unrelated sample)
ZZZZZZ	F93568.D	11/30/10	17:25	06:03	(unrelated sample)
ZZZZZZ	F93569.D	11/30/10	17:49	06:27	(unrelated sample)
ZZZZZZ	F93567.D	11/30/10	18:13	06:51	(unrelated sample)
ZZZZZZ	F93552.D	11/30/10	18:36	07:14	(unrelated sample)
ZZZZZZ	F93553.D	11/30/10	19:01	07:39	(unrelated sample)
ZZZZZZ	F93554.D	11/30/10	19:25	08:03	(unrelated sample)
ZZZZZZ	F93555.D	11/30/10	19:50	08:28	(unrelated sample)
ZZZZZZ	F93556.D	11/30/10	20:14	08:52	(unrelated sample)
ZZZZZZ	F93557.D	11/30/10	20:38	09:16	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample:	EF4371-DFTPP	**Injection Date:**	11/30/10
Lab File ID:	F93541.D	**Injection Time:**	11:22
Instrument ID:	GCMSF		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	F93550.D	11/30/10	21:02	09:40	(unrelated sample)
JA62028-2	F93559.D	11/30/10	21:51	10:29	FLS-STAINSOIL(3.0')
ZZZZZZ	F93561.D	11/30/10	22:39	11:17	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4373-DFTPP
Lab File ID: F93601.D
Instrument ID: GCMSF
Injection Date: 12/02/10
Injection Time: 07:44

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	22910	38.0		Pass
68	Less than 2.0% of mass 69	281	0.47	(1.11) [a]	Pass
69	Mass 69 relative abundance	25404	42.1		Pass
70	Less than 2.0% of mass 69	210	0.35	(0.83) [a]	Pass
127	40.0 - 60.0% of mass 198	28370	47.0		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	60317	100.0		Pass
199	5.0 - 9.0% of mass 198	4097	6.79		Pass
275	10.0 - 30.0% of mass 198	13319	22.1		Pass
365	1.0 - 100.0% of mass 198	1859	3.08		Pass
441	Present, but less than mass 443	7923	13.1	(85.5) [b]	Pass
442	40.0 - 100.0% of mass 198	48690	80.7		Pass
443	17.0 - 23.0% of mass 442	9266	15.4	(19.0) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF4373-CC4329	F93602.D	12/02/10	07:58	00:14	Continuing cal 50
EF4373-CC4330	F93603.D	12/02/10	08:26	00:42	Continuing cal 25
OP47022-MB1	F93604.D	12/02/10	08:53	01:09	Method Blank
OP47022-BS1	F93605.D	12/02/10	09:17	01:33	Blank Spike
OP47021-MB1	F93606.D	12/02/10	09:41	01:57	Method Blank
OP47021-BS1	F93607.D	12/02/10	10:06	02:22	Blank Spike
JA62629-13	F93608.D	12/02/10	10:30	02:46	(used for QC only; not part of job JA62028)
OP47021-MS	F93609.D	12/02/10	10:54	03:10	Matrix Spike
OP47021-MSD	F93610.D	12/02/10	11:18	03:34	Matrix Spike Duplicate
JA62028-2	F93611.D	12/02/10	11:42	03:58	FLS-STAINSOIL(3.0')
JA62028-1	F93612.D	12/02/10	12:07	04:23	FLS-BOILERROOM(3.0')
JA62700-1	F93613.D	12/02/10	12:30	04:46	(used for QC only; not part of job JA62028)
OP47022-MS	F93614.D	12/02/10	12:55	05:11	Matrix Spike
OP47022-MSD	F93615.D	12/02/10	13:19	05:35	Matrix Spike Duplicate

Semivolatile Internal Standard Area Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Check Std:	E2M1417-CC1369	**Injection Date:**	11/22/10
Lab File ID:	2M32834.D	**Injection Time:**	10:39
Instrument ID:	GCMS2M	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	397794	3.90	1537072	6.51	948352	10.42	1415221	13.71	1603559	19.58	1468369	21.52
Upper Limit [a]	795588	4.40	3074144	7.01	1896704	10.92	2830442	14.21	3207118	20.08	2936738	22.02
Lower Limit [b]	198897	3.40	768536	6.01	474176	9.92	707611	13.21	801780	19.08	734185	21.02

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP46686-MB1	432373	3.90	1628287	6.49	939078	10.41	1338696	13.70	1322385	19.56	1183314	21.51
OP46866-MB1	368415	3.90	1385772	6.49	817482	10.41	1195710	13.70	1250957	19.56	1194289	21.51
OP46866-BS1	400229	3.90	1489854	6.50	874326	10.41	1271496	13.70	1355939	19.57	1228954	21.51
ZZZZZZ	386823	3.90	1440750	6.49	842442	10.41	1235304	13.70	1302233	19.56	1231712	21.51
ZZZZZZ	374078	3.90	1449618	6.50	836875	10.41	1232160	13.70	1287442	19.56	1211970	21.51
ZZZZZZ	352286	3.90	1356141	6.50	826264	10.42	1221260	13.71	1325267	19.56	1366938	21.52
ZZZZZZ	346374	3.91	1368209	6.51	804346	10.43	1200764	13.71	1280939	19.57	1250814	21.52
ZZZZZZ	349739	3.91	1378886	6.51	882861	10.46	1323235	13.76	1412153	19.59	1359785	21.53
JA62003-2	339365	3.91	1320870	6.50	789648	10.42	1186248	13.71	1273576	19.57	1233070	21.52
OP46866-MS	390939	3.91	1497905	6.51	873478	10.43	1287803	13.72	1423377	19.59	1379138	21.53
OP46866-MSD	383186	3.91	1468218	6.51	850126	10.43	1273840	13.72	1396332	19.59	1338793	21.53
ZZZZZZ	412288	3.95	1408506	6.56	845583	10.43	1205301	13.71	1236750	19.57	1187570	21.52
ZZZZZZ	365834	3.91	1338643	6.50	786579	10.42	1135929	13.71	1236076	19.57	1296865	21.53
ZZZZZZ	377265	3.91	1389211	6.50	806189	10.42	1168338	13.71	1266744	19.57	1348367	21.53
ZZZZZZ	358939	3.91	1313149	6.50	766433	10.42	1126074	13.71	1211820	19.58	1225307	21.53
ZZZZZZ	353557	3.91	1328030	6.50	769400	10.43	1134636	13.71	1211793	19.57	1188262	21.53
ZZZZZZ	356021	3.91	1324358	6.50	753850	10.42	1109413	13.71	1203930	19.57	1181829	21.53
ZZZZZZ	361389	3.91	1336346	6.50	770666	10.42	1128908	13.71	1220757	19.57	1221483	21.53

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Check Std: E2M1424-CC1369 **Injection Date:** 11/30/10
Lab File ID: 2M32957.D **Injection Time:** 13:50
Instrument ID: GCMS2M **Method:** SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	314848	3.82	1260648	6.42	763834	10.34	1103862	13.62	1140566	19.50	962804	21.46
Upper Limit [a]	629696	4.32	2521296	6.92	1527668	10.84	2207724	14.12	2281132	20.00	1925608	21.96
Lower Limit [b]	157424	3.32	630324	5.92	381917	9.84	551931	13.12	570283	19.00	481402	20.96

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
ZZZZZZ	217436	3.82	884897	6.43	559279	10.39	840420	13.68	871727	19.51	833736	21.46
ZZZZZZ	311693	3.82	1169382	6.41	681657	10.33	965047	13.61	962477	19.49	893897	21.46
ZZZZZZ	308164	3.82	1174310	6.41	694477	10.33	990942	13.61	985794	19.49	936853	21.46
ZZZZZZ	215906	3.82	827168	6.41	489264	10.33	688743	13.62	693804	19.49	667489	21.46
JA62028-10	216027	3.82	845451	6.41	508183	10.33	750385	13.61	763873	19.49	760681	21.46
JA62028-11	214351	3.82	851890	6.41	504366	10.33	744021	13.61	771185	19.49	752420	21.45
ZZZZZZ	269042	3.82	1064699	6.41	629897	10.33	900748	13.61	938896	19.49	919729	21.45
ZZZZZZ	252575	3.82	1002897	6.41	581294	10.33	828486	13.62	892133	19.49	833851	21.46
ZZZZZZ	235733	3.82	956875	6.41	587516	10.34	862287	13.63	905596	19.49	852614	21.46

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Check Std: EF4370-CC4329 **Injection Date:** 11/29/10
Lab File ID: F93515.D **Injection Time:** 23:04
Instrument ID: GCMSF **Method:** SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	233045	3.06	848728	4.70	590911	7.34	1039220	9.62	1081641	13.25	935722	14.63
Upper Limit [a]	466090	3.56	1697456	5.20	1181822	7.84	2078440	10.12	2163282	13.75	1871444	15.13
Lower Limit [b]	116523	2.56	424364	4.20	295456	6.84	519610	9.12	540821	12.75	467861	14.13
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**	**IS 6 AREA**	**RT**
OP46863-MB1	181398	3.06	660476	4.69	427041	7.33	729238	9.61	842553	13.23	715239	14.62
OP46863-BS1	217122	3.06	789863	4.69	529062	7.34	905769	9.61	961351	13.24	859719	14.62
JA62002-1	176867	3.06	654922	4.69	421956	7.33	718129	9.61	841346	13.24	698943	14.62
OP46863-MS	191906	3.06	695885	4.69	471939	7.33	810360	9.61	859182	13.24	734090	14.62
OP46863-MSD	172283	3.06	624732	4.69	415703	7.33	733955	9.61	799788	13.24	698991	14.62
ZZZZZZ	183905	3.07	665877	4.70	432484	7.33	745611	9.61	783853	13.24	682478	14.62
ZZZZZZ	295606	3.11	1015822	4.72	667114	7.34	939443	9.63	937242	13.45	965278	14.75
ZZZZZZ	247353	3.12	874185	4.73	597551	7.35	1068608	9.71	743408	13.50	862049	14.79
ZZZZZZ	64390*	3.09	251463*	4.71	193134*	7.35	409448*	9.65	476209*	13.42	389078*	14.73
ZZZZZZ	55803*	3.06	199490*	4.70	149480*	7.34	288527*	9.61	331041*	13.24	259653*	14.63
ZZZZZZ	69847*	3.09	250820*	4.71	185062*	7.34	382793*	9.65	417633*	13.36	300615*	14.68
ZZZZZZ	62860*	3.06	226964*	4.70	163554*	7.34	315842*	9.61	358051*	13.24	298156*	14.63
ZZZZZZ	69438*	3.06	250907*	4.70	185813*	7.34	343627*	9.61	424252*	13.24	330229*	14.63
ZZZZZZ	82407*	3.06	294598*	4.69	213247*	7.33	389665*	9.61	489739*	13.24	390289*	14.63
ZZZZZZ	146554	3.06	528229	4.69	362426	7.33	588144	9.61	569682	13.25	513200	14.63
ZZZZZZ	163032	3.06	576050	4.69	387471	7.33	676743	9.61	770791	13.24	671121	14.63
ZZZZZZ	147981	3.06	522111	4.69	357026	7.33	622196	9.61	674752	13.25	577465	14.63
ZZZZZZ	145919	3.06	515349	4.69	342003	7.33	589855	9.61	660761	13.25	548437	14.64
JA62028-1	133893	3.07	469243	4.70	321484	7.33	534988	9.61	478938*	13.25	340266*	14.66

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Check Std: EF4371-CC4329 **Injection Date:** 11/30/10
Lab File ID: F93542.D **Injection Time:** 12:07
Instrument ID: GCMSF **Method:** SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	205353	3.04	745167	4.68	538838	7.31	956081	9.59	1065004	13.22	950586	14.61
Upper Limit [a]	410706	3.54	1490334	5.18	1077676	7.81	1912162	10.09	2130008	13.72	1901172	15.11
Lower Limit [b]	102677	2.54	372584	4.18	269419	6.81	478041	9.09	532502	12.72	475293	14.11
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**	**IS 6 AREA**	**RT**
ZZZZZZ	191182	3.04	690944	4.68	443304	7.31	592532	9.59	586417	13.24	533958	14.61
ZZZZZZ	189144	3.05	641492	4.68	404543	7.32	677550	9.59	812621	13.22	665330	14.60
JA62446-2	187916	3.05	587648	4.68	329811	7.33	540001	9.60	709425	13.22	613688	14.60
ZZZZZZ	213181	3.04	771305	4.68	521097	7.31	881685	9.59	877159	13.22	705545	14.61
ZZZZZZ	168785	3.05	588419	4.68	366369	7.32	562051	9.59	616330	13.26	503828	14.64
ZZZZZZ	169074	3.05	599505	4.68	387300	7.32	619633	9.60	518430*	13.23	389822*	14.63
ZZZZZZ	165891	3.05	595881	4.68	384235	7.33	643798	9.60	517297*	13.24	412700*	14.63
ZZZZZZ	64443*	3.08	224851*	4.70	165315*	7.33	334432*	9.64	654839	13.40	451220*	14.72
ZZZZZZ	236244	3.07	897530	4.76	431954	7.42	741757	9.67	840260	13.27	785188	14.66
ZZZZZZ	259671	3.06	656561	4.71	420048	7.41	825962	9.69	742465	13.26	636154	14.63
ZZZZZZ	230093	3.08	841387	4.70	534919	7.33	738553	9.65	1038774	13.34	502844	14.67
ZZZZZZ	212347	3.06	821208	4.69	538915	7.33	821822	9.61	676102	13.25	516190	14.63
ZZZZZZ	233484	3.05	904433	4.69	589843	7.33	931001	9.60	802862	13.24	596497	14.63
ZZZZZZ	165497	3.05	586097	4.69	376840	7.33	621876	9.60	568544	13.24	393900*	14.62
ZZZZZZ	105787	3.05	372401*	4.69	256540*	7.33	452417*	9.60	500065*	13.24	393170*	14.62
ZZZZZZ	85027*	3.05	295664*	4.69	208250*	7.33	368698*	9.60	421183*	13.23	337708*	14.62
ZZZZZZ	77411*	3.05	274021*	4.68	201388*	7.33	357813*	9.60	426653*	13.23	369253*	14.62
ZZZZZZ	74977*	3.05	257455*	4.68	185509*	7.33	342822*	9.60	396809*	13.23	324205*	14.62
JA62028-2 [c]	100566*	3.07	358096*	4.70	264524*	7.35	452065*	9.63	461212*	13.26	460402*	14.65
ZZZZZZ	114825	3.07	429790	4.70	322320	7.35	567830	9.62	526179*	13.26	417295*	14.65

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Confirmation run for internal standard areas.

Semivolatile Internal Standard Area Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Check Std: EF4373-CC4329 **Injection Date:** 12/02/10
Lab File ID: F93602.D **Injection Time:** 07:58
Instrument ID: GCMSF **Method:** SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	266347	3.02	964079	4.65	694345	7.29	1160826	9.56	1198508	13.21	1035555	14.59
Upper Limit [a]	532694	3.52	1928158	5.15	1388690	7.79	2321652	10.06	2397016	13.71	2071110	15.09
Lower Limit [b]	133174	2.52	482040	4.15	347173	6.79	580413	9.06	599254	12.71	517778	14.09
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**	**IS 6 AREA**	**RT**
OP47022-MB1	238719	3.02	872504	4.65	576533	7.29	989930	9.55	1067747	13.20	868546	14.59
OP47022-BS1	227284	3.02	821513	4.65	584812	7.29	978084	9.56	1032789	13.20	864704	14.59
OP47021-MB1	243510	3.02	888333	4.64	597068	7.29	1006536	9.56	1089759	13.20	892288	14.59
OP47021-BS1	226533	3.02	804266	4.65	568641	7.29	949358	9.56	999205	13.20	847983	14.59
JA62629-13	253639	3.02	912022	4.65	546644	7.29	629239	9.57	636906	13.31	828824	14.69
OP47021-MS	234578	3.02	831099	4.65	530090	7.29	679205	9.58	757739	13.32	931019	14.69
OP47021-MSD	211829	3.02	764234	4.65	541203	7.29	646845	9.59	654438	13.34	774581	14.71
JA62028-2	94263*	3.02	362209*	4.65	286868*	7.29	538752*	9.56	486961*	13.21	390733*	14.59
JA62028-1 [c]	141490	3.02	535072	4.65	390260	7.29	687321	9.56	700683	13.21	546897	14.61
JA62700-1	235188	3.10	567349	4.71	439904	7.30	745743	9.58	630570	13.22	534448	14.62
OP47022-MS [d]	234181	3.11	593974	4.72	466897	7.32	820434	9.60	709158	13.24	647037	14.63
OP47022-MSD [d]	167729	3.07	547062	4.70	430185	7.33	762652	9.61	616307	13.25	561712	14.64

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Confirmation run for internal standard areas.
(d) Dilution required due to matrix interference.

Semivolatile Surrogate Recovery Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Method: SW846 8270C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JA62028-10	2M32971.D	42.0	26.0	93.0	77.0	75.0	89.0
JA62028-11	2M32972.D	40.0	25.0	92.0	76.0	75.0	92.0
OP46866-BS1	2M32838.D	56.0	38.0	102.0	89.0	84.0	96.0
OP46866-MB1	2M32837.D	55.0	34.0	94.0	90.0	81.0	100.0
OP46866-MS	2M32845.D	72.0* [a]	62.0* [a]	96.0	85.0	79.0	48.0
OP46866-MSD	2M32846.D	74.0* [a]	66.0* [a]	99.0	88.0	84.0	51.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	13-68%
S2 = Phenol-d5	10-49%
S3 = 2,4,6-Tribromophenol	37-130%
S4 = Nitrobenzene-d5	25-112%
S5 = 2-Fluorobiphenyl	31-106%
S6 = Terphenyl-d14	14-122%

(a) Outside of in house control limits, but within reasonable method recovery limits.

Semivolatile Surrogate Recovery Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Method: SW846 8270C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JA62028-1	F93612.D	63.0	73.0	80.0	90.0	69.0	80.0
JA62028-1	F93539.D	60.0	68.0	88.0	78.0	71.0	83.0
JA62028-2	F93611.D	55.0	70.0	82.0	90.0	72.0	96.0
JA62028-2	F93559.D	27.0* [a]	30.0	46.0	38.0	37.0* [a]	41.0
OP46863-BS1	F93518.D	84.0	90.0	99.0	89.0	76.0	86.0
OP46863-MB1	F93517.D	85.0	97.0	109.0	95.0	86.0	81.0
OP46863-MS	F93520.D	85.0	90.0	103.0	89.0	76.0	87.0
OP46863-MSD	F93521.D	83.0	89.0	97.0	91.0	77.0	82.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	30-109%
S2 = Phenol-d5	28-108%
S3 = 2,4,6-Tribromophenol	28-125%
S4 = Nitrobenzene-d5	28-113%
S5 = 2-Fluorobiphenyl	38-107%
S6 = Terphenyl-d14	31-116%

(a) Outside control limits due to matrix interference.

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1369-ICC1369
Lab FileID: 2M31870.D

Response Factor Report MS2M

Method : C:\msdchem\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Wed Sep 29 15:30:36 2010
Response via : Initial Calibration

Calibration Files
2 =2m31873.D 5 =2m31874.D 25 =2m31871.D 80 =2m31876.D
100 =2m31872.D 50 =2m31870.D 1 =2m31877.D 10 =2m31875.D

Compound	2	5	25	80	100	50	1	10	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	ISTD									
2) 1,4-Dioxane	0.693	0.624	0.632	0.572	0.559	0.563	0.739	0.609	0.624	10.30
3) Pyridine	1.886	1.753	1.665	1.448	1.395	1.531	2.139	1.653	1.684	14.49
4) N-Nitrosodim	0.981	0.992	0.969	0.884	0.867	0.877	0.993	0.957	0.940	5.79
5) 2-Fluorophen	1.569	1.529	1.609	1.505	1.459	1.469	1.519	1.558	1.527	3.32
6) Indene	2.198	2.214	2.247	2.078	1.997	2.064	2.257	2.235	2.161	4.61
7) Cumene	3.020	3.035	3.100	2.817	2.741	2.817	3.069	3.071	2.959	4.81
8) Phenol-d5	2.090	2.031	2.013	1.741	1.651	1.808	2.098	2.033	1.933	8.96
9) Phenol	2.166	2.119	2.101	1.798	1.717	1.866	2.137	2.144	2.006	9.04
10) Aniline	2.461	2.393	2.373	1.966	1.894	2.198	2.606	2.285	2.272	10.71
11) bis(2-Chloro	1.581	1.591	1.585	1.387	1.313	1.435	1.697	1.601	1.524	8.54
12) 2-Chlorophen	1.615	1.614	1.605	1.389	1.321	1.428	1.640	1.633	1.531	8.43
13) Decane	1.345	1.302	1.329	1.115	1.078	1.190	1.309	1.316	1.248	8.42
14) 1,3-Dichloro	1.666	1.650	1.678	1.478	1.424	1.512	1.690	1.693	1.599	6.82
15) 1,4-Dichloro	1.663	1.675	1.691	1.524	1.450	1.527	1.747	1.688	1.621	6.50
16) Benzyl alcoh	1.028	1.077	1.102	1.042	1.002	1.024	1.090	1.106	1.059	3.76
17) 1,2-Dichloro	1.576	1.565	1.598	1.415	1.338	1.425	1.591	1.576	1.511	6.71
18) Acetophenone	2.097	2.097	2.118	1.898	1.791	1.937	2.156	2.117	2.026	6.55
19) 2-Methylphen	1.454	1.443	1.486	1.353	1.304	1.353	1.466	1.481	1.417	4.94
20) 2,2'-oxybis(	1.970	1.956	1.956	1.789	1.733	1.788	2.018	1.956	1.896	5.67
21) 3&4-Methylph	1.507	1.545	1.566	1.381	1.313	1.415	1.527	1.547	1.475	6.31
22) n-Nitroso-di	1.067	1.033	1.088	1.018	0.982	1.007	1.028	1.075	1.037	3.53
23) Hexachloroet	0.466	0.471	0.510	0.471	0.447	0.470	0.491	0.497	0.478	4.18
24) I Naphthalene-d8	ISTD									
25) Nitrobenzene	0.419	0.423	0.427	0.378	0.370	0.384	0.439	0.432	0.409	6.64
26) Nitrobenzene	0.206	0.213	0.215	0.196	0.190	0.197	0.202	0.218	0.205	4.84
27) Quinoline	0.678	0.682	0.695	0.669	0.653	0.648	0.736	0.701	0.683	4.14
28) Isophorone	0.680	0.714	0.741	0.676	0.661	0.680	0.704	0.740	0.700	4.31
29) 2-Nitropheno	0.184	0.204	0.217	0.196	0.190	0.196	0.183	0.210	0.197	6.13
30) 2,4-Dimethyl	0.350	0.349	0.379	0.359	0.349	0.356	0.347	0.355	0.355	2.96
31) Benzoic acid		0.243	0.321	0.338	0.328	0.319		0.291	0.307	11.35
32) bis(2-Chloro	0.434	0.460	0.465	0.415	0.398	0.421	0.467	0.470	0.441	6.32
33) 2,4-Dichloro	0.284	0.315	0.329	0.300	0.291	0.298	0.287	0.327	0.304	5.78
34) 2,6-Dichloro	0.303	0.308	0.319	0.295	0.283	0.293	0.298	0.324	0.303	4.53
35) 1,3,5-Trichl	0.318	0.317	0.319	0.288	0.277	0.289	0.344	0.329	0.310	7.44
36) 1,2,4-Trichl	0.324	0.313	0.317	0.289	0.280	0.287	0.327	0.317	0.307	6.00
37) 1,2,3-Trichl	0.288	0.303	0.303	0.273	0.264	0.273	0.313	0.301	0.290	6.16
38) Naphthalene	1.159	1.174	1.171	1.029	0.989	1.049	1.239	1.190	1.125	7.96
39) 4-Chloroanil	0.517	0.518	0.529	0.442	0.423	0.475	0.522	0.531	0.495	8.57
40) 2,3-Dichloro	0.341	0.365	0.370	0.341	0.326	0.337	0.346	0.366	0.349	4.56
41) Caprolactam	0.137	0.158	0.174	0.173	0.169	0.166	0.155	0.162	0.162	7.51
42) Hexachlorobu	0.164	0.170	0.171	0.158	0.153	0.155	0.182	0.169	0.165	5.82
43) 4-Chloro-3-m	0.310	0.330	0.348	0.332	0.320	0.321	0.311	0.352	0.328	4.76
44) 2-Methylnaph	0.761	0.770	0.787	0.698	0.672	0.711	0.761	0.786	0.743	5.83
45) 1-Methylnaph	0.696	0.726	0.733	0.654	0.625	0.660	0.718	0.732	0.693	5.98

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1369-ICC1369
Lab FileID: 2M31870.D

46) Dimethylnaph 0.568 0.605 0.618 0.554 0.531 0.561 0.576 0.613 0.578 5.38

47) I Acenaphthene-d10 ----------ISTD----------
48) Hexachlorocy 0.185 0.219 0.264 0.261 0.253 0.249 0.241 0.239 11.72
49) 2,4,6-Trichl 0.336 0.365 0.395 0.359 0.345 0.357 0.332 0.383 0.359 6.11
50) 2,4,5-Trichl 0.375 0.379 0.408 0.375 0.365 0.372 0.364 0.395 0.379 4.02
51) 2-Fluorobiph 1.420 1.424 1.440 1.249 1.192 1.286 1.508 1.434 1.369 8.14
52) 2-Chloronaph 1.216 1.224 1.251 1.097 1.039 1.118 1.281 1.246 1.184 7.37
53) Biphenyl 1.464 1.504 1.525 1.321 1.255 1.362 1.569 1.524 1.441 7.86
54) 2-Nitroanili 0.339 0.354 0.388 0.363 0.351 0.359 0.331 0.375 0.358 5.14
55) Dimethylphth 1.239 1.313 1.356 1.234 1.183 1.229 1.316 1.336 1.276 4.86
56) Acenaphthyle 1.699 1.813 1.924 1.699 1.608 1.745 1.668 1.873 1.754 6.15
57) 2,6-Dinitrot 0.153 0.161 0.182 0.165 0.164 0.165 0.137 0.172 0.162 8.14
58) 3-Nitroanili 0.326 0.372 0.402 0.375 0.358 0.367 0.337 0.388 0.365 6.90
59) Acenaphthene 1.139 1.163 1.182 1.029 0.985 1.059 1.237 1.181 1.122 7.81
60) 2,4-Dinitrop 0.092 0.152 0.168 0.165 0.153 0.122 0.142 20.74
----- Linear regression ----- Coefficient = 0.9990
Response Ratio = -0.02452 + 0.17044 *A

61) 4-Nitropheno 0.157 0.180 0.209 0.205 0.198 0.195 0.197 0.192 9.31
62) Dibenzofuran 1.685 1.714 1.759 1.536 1.480 1.562 1.748 1.755 1.655 6.75
63) 2,4-Dinitrot 0.304 0.366 0.415 0.397 0.380 0.386 0.284 0.398 0.366 12.85
64) 2,3,4,6-Tetr 0.279 0.302 0.332 0.315 0.301 0.311 0.265 0.320 0.303 7.26
65) Diethylphtha 1.210 1.275 1.309 1.215 1.170 1.179 1.246 1.302 1.238 4.32
66) Fluorene 1.285 1.347 1.401 1.239 1.190 1.257 1.303 1.385 1.301 5.63
67) 4-Chlorophen 0.597 0.601 0.622 0.560 0.534 0.558 0.587 0.624 0.585 5.48
68) 4-Nitroanili 0.317 0.367 0.397 0.370 0.357 0.365 0.299 0.379 0.356 9.09

69) I Phenanthrene-d10 ----------ISTD----------
70) 4,6-Dinitro- 0.115 0.163 0.170 0.167 0.158 0.136 0.151 14.07
71) n-Nitrosodip 0.648 0.672 0.684 0.577 0.554 0.610 0.650 0.687 0.635 7.89
72) 1,2-Diphenyl 0.934 0.991 1.017 0.843 0.812 0.894 0.964 1.026 0.935 8.51
73) 2,4,6-Tribro 0.104 0.120 0.132 0.135 0.131 0.126 0.102 0.128 0.122 10.40
74) 4-Bromopheny 0.203 0.213 0.228 0.215 0.207 0.211 0.214 0.220 0.214 3.58
75) Hexachlorobe 0.248 0.248 0.265 0.249 0.243 0.242 0.261 0.262 0.252 3.65
76) Pentachlorop 0.128 0.154 0.179 0.179 0.175 0.170 0.119 0.167 0.159 14.79
77) Phenanthrene 1.255 1.269 1.280 1.124 1.091 1.145 1.342 1.292 1.225 7.46
78) Anthracene 1.189 1.245 1.295 1.142 1.096 1.172 1.224 1.290 1.207 5.82
79) Carbazole 1.150 1.206 1.265 1.128 1.091 1.142 1.200 1.262 1.181 5.36
80) Di-n-butylph 1.093 1.283 1.438 1.313 1.275 1.338 0.973 1.385 1.262 12.24
81) Fluoranthene 1.122 1.215 1.305 1.194 1.169 1.202 1.065 1.285 1.195 6.59
82) Octadecane 0.460 0.534 0.579 0.503 0.483 0.519 0.439 0.565 0.510 9.60

83) I Chrysene-d12 ----------ISTD----------
84) Pyrene 1.130 1.193 1.319 1.211 1.151 1.191 1.100 1.268 1.195 6.00
85) Terphenyl-d1 0.644 0.686 0.756 0.721 0.689 0.702 0.635 0.735 0.696 6.03
86) Butylbenzylp 0.411 0.492 0.590 0.553 0.526 0.549 0.548 0.524 11.09
87) Butyl steara 0.310 0.347 0.370 0.322 0.302 0.334 0.345 0.356 0.336 6.98
88) Benzo[a]anth 1.078 1.102 1.179 1.101 1.061 1.086 1.104 1.138 1.106 3.36
89) 3,3'-Dichlor 0.337 0.395 0.466 0.454 0.433 0.437 0.304 0.432 0.407 14.21
90) Chrysene 1.070 1.102 1.154 1.065 1.010 1.045 1.131 1.154 1.091 4.84
91) bis(2-Ethylh 0.524 0.651 0.801 0.735 0.693 0.739 0.738 0.697 12.80

92) I Perylene-d12 ----------ISTD----------
93) Di-n-octylph 0.830 1.121 1.458 1.312 1.247 1.349 1.271 1.227 16.51
----- Linear regression ----- Coefficient = 0.9969
Response Ratio = 0.02521 + 1.27376 *A

94) Benzo[b]fluo 1.059 1.174 1.222 1.304 1.177 0.793 1.144 1.125 14.60
95) Benzo[k]fluo 1.142 1.244 1.403 1.103 0.879 1.201 1.392 1.354 1.215 14.53

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1369-ICC1369
Lab FileID: 2M31870.D

96)	Benzo[a]pyre	0.930	1.098	1.230	1.132	1.087	1.127	0.819	1.148	1.071	12.35
97)	Indeno[1,2,3	0.792	0.813	1.032	1.027	1.006	0.974	0.739	0.896	0.910	12.75
98)	Dibenz(a,h)a	0.795	0.767	0.949	0.930	0.888	0.873	0.793	0.829	0.853	7.88
99)	Dibenz[a,h]a	0.873	0.896	1.066	1.051	1.013	1.008	0.819	0.960	0.961	9.31
100)	7,12-Dimethy	0.427	0.481	0.554	0.520	0.500	0.516	0.398	0.501	0.487	10.50
101)	Benzo[g,h,i]	0.990	0.996	1.153	1.087	1.051	1.042	1.037	1.057	1.052	4.91

(#) = Out of Range ### Number of calibration levels exceeded format ###

M2M1369.M Wed Sep 29 15:31:08 2010 MS2M

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1370-ICC1370
Lab FileID: 2M31881.D

Response Factor Report MS2M

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration

Calibration Files
2 =2m31885.D 5 =2m31884.D 25 =2m31882.D 80 =2m31880.D
100 =2m31879.D 50 =2m31881.D 1 =2m31886.D 10 =2m31883.D

Compound	2	5	25	80	100	50	1	10	Avg	%RSD
102) 1,4-Dichlorobenzene-d	ISTD									
103) Benzaldehyde	1.175	1.155	0.985	0.977	0.868	0.942	1.164	1.166	1.054	11.75
104) Acenaphthene-d10a	ISTD									
105) 1,2,4,5-Tetr	0.494	0.476	0.497	0.484	0.470	0.479	0.466	0.490	0.482	2.34
106) Chrysene-d12a	ISTD									
107) Benzidine	0.380	0.536	0.148	0.427	0.416	0.250	0.229	0.643	0.378	43.59
108) Phenanthrene-d10a	ISTD									
109) Atrazine	0.077	0.090	0.111	0.116	0.111	0.114		0.104	0.103	14.06

(#) = Out of Range ### Number of calibration levels exceeded format ###

M2M1369.M Thu Sep 30 11:34:02 2010 MS2M

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1370-ICV1369
Lab FileID: 2M31887.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1370\2m31887.D Vial: 10
Acq On : 29 Sep 2010 7:49 pm Operator: olgaa
Sample : icv1369-50 Inst : MS2M
Misc : op45801,e2m1370, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Thu Sep 30 11:32:51 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00	4.31
9	t	Phenol	2.006	1.782	11.2	102	0.00	4.02
12	t	2-Chlorophenol	1.531	1.446	5.6	108	0.00	4.00
19	t	2-Methylphenol	1.417	1.327	6.4	105	-0.01	5.17
21	t	3&4-Methylphenol	1.475	1.400	5.1	105	0.00	5.50
24	I	Naphthalene-d8	1.000	1.000	0.0	107	0.00	6.93
29	t	2-Nitrophenol	0.197	0.187	5.1	103	0.00	6.22
30	t	2,4-Dimethylphenol	0.355	0.350	1.4	105	0.00	6.59
31	t	Benzoic acid	0.307	0.261	15.0	88	-0.02	7.11
33	t	2,4-Dichlorophenol	0.304	0.284	6.6	102	-0.01	6.78
34	t	2,6-Dichlorophenol	0.303	0.288	5.0	105	0.00	7.28
43	t	4-Chloro-3-methylphenol	0.328	0.297	9.5	99	-0.03	8.59
47	I	Acenaphthene-d10	1.000	1.000	0.0	102	-0.01	10.86
49	t	2,4,6-Trichlorophenol	0.359	0.350	2.5	100	-0.02	9.33
50	t	2,4,5-Trichlorophenol	0.379	0.373	1.6	102	-0.03	9.40
			True	Calc.	% Drift			
60	t	2,4-Dinitrophenol	100.000	85.442	14.6	84	-0.02	11.21
			AvgRF	CCRF	% Dev			
61	t	4-Nitrophenol	0.192	0.176	8.3	92	-0.01	11.65
64		2,3,4,6-Tetrachlorophenol	0.303	0.276	8.9	90	-0.01	11.79
69	I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00	14.15
70	t	4,6-Dinitro-2-methylpheno	0.151	0.139	7.9	89	-0.03	12.47
76	t	Pentachlorophenol	0.159	0.158	0.1	94	-0.02	14.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m31881.D M2M1369.M Thu Sep 30 12:53:19 2010 MS2M

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1370-ICV1369
Lab FileID: 2M31888.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1370\2m31888.D Vial: 11
Acq On : 29 Sep 2010 8:20 pm Operator: olgaa
Sample : icv1369-50 Inst : MS2M
Misc : op45801,e2m1370, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Thu Sep 30 11:32:51 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00	4.32
2	t	1,4-Dioxane	0.624	0.594	4.8	111	0.02	0.82
3	t	Pyridine	1.684	1.613	4.2	111	0.01	0.97
4	t	N-Nitrosodimethylamine	0.940	0.921	2.0	110	0.02	0.98
6	t	Indene	2.161	2.135	1.2	109	0.00	4.86
7	t	Cumene	2.959	2.700	8.8	101	0.01	2.98
11	t	bis(2-Chloroethyl)ether	1.524	1.577	-3.5	115	-0.01	4.03
13	t	Decane	1.248	1.197	4.1	106	0.00	4.26
14	t	1,3-Dichlorobenzene	1.599	1.706	-6.7	119	0.00	4.23
15	t	1,4-Dichlorobenzene	1.621	1.729	-6.7	119	0.00	4.35
16	t	Benzyl alcohol	1.059	1.146	-8.2	118	0.00	4.79
17	t	1,2-Dichlorobenzene	1.511	1.647	-9.0	121	0.00	4.69
18	t	Acetophenone	2.026	2.249	-11.0	122	-0.01	5.25
20	t	2,2'-oxybis(1-Chloropropa	1.896	1.925	-1.5	113	0.00	5.12
22	t	n-Nitroso-di-n-propylamin	1.037	1.100	-6.1	115	-0.01	5.40
23	t	Hexachloroethane	0.478	0.538	-12.6	120	0.00	5.29
24	I	Naphthalene-d8	1.000	1.000	0.0	104	0.00	6.94
26	t	Nitrobenzene	0.205	0.219	-6.8	116	0.00	5.54
27	t	Quinoline	0.683	0.753	-10.2	121	-0.03	7.73
28	t	Isophorone	0.700	0.780	-11.4	119	-0.01	6.08
32	t	bis(2-Chloroethoxy)methan	0.441	0.493	-11.8	122	0.00	6.75
36	t	1,2,4-Trichlorobenzene	0.307	0.332	-8.1	121	0.00	6.89
38	t	Naphthalene	1.125	1.186	-5.4	118	0.00	6.97
40	t	2,3-Dichloroaniline	0.349	0.353	-1.1	109	0.00	9.31
41	t	Caprolactam	0.162	0.168	-3.7	105	-0.11	8.03
42	t	Hexachlorobutadiene	0.165	0.181	-9.7	121	0.00	7.50
44	t	2-Methylnaphthalene	0.743	0.759	-2.2	111	0.00	8.53
45	t	1-Methylnaphthalene	0.693	0.724	-4.5	114	0.00	8.75
46	t	Dimethylnaphthalene	0.578	0.618	-6.9	115	0.00	9.97
47	I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00	10.87
48	t	Hexachlorocyclopentadiene	0.239	0.331	-38.5#	136	0.00	9.11
52	t	2-Chloronaphthalene	1.184	1.262	-6.6	116	0.00	9.58
53	t	Biphenyl	1.441	1.514	-5.1	114	0.00	9.67
54	t	2-Nitroaniline	0.358	0.378	-5.6	108	0.00	10.04
55	t	Dimethylphthalate	1.276	1.362	-6.7	113	0.00	10.70
56	t	Acenaphthylene	1.754	1.755	-0.1	103	0.00	10.50
57	t	2,6-Dinitrotoluene	0.162	0.181	-11.7	112	0.00	10.77
58	t	3-Nitroaniline	0.365	0.326	10.7	91	0.00	11.02
59	t	Acenaphthene	1.122	1.191	-6.1	115	0.00	10.94
62	t	Dibenzofuran	1.655	1.723	-4.1	113	0.00	11.32

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1370-ICV1369
Lab FileID: 2M31888.D

63	t	2,4-Dinitrotoluene	0.366	0.420	-14.8	112	0.00	11.61
65	t	Diethylphthalate	1.238	1.303	-5.3	113	-0.01	12.38
66	t	Fluorene	1.301	1.442	-10.8	117	0.00	12.09
67	t	4-Chlorophenyl-phenylethe	0.585	0.629	-7.5	115	0.00	12.27
68	t	4-Nitroaniline	0.356	0.381	-7.0	107	-0.01	12.42
69	I	Phenanthrene-d10	1.000	1.000	0.0	101	0.00	14.15
71	t	n-Nitrosodiphenylamine	0.635	0.655	-3.1	109	0.00	12.60
72	t	1,2-Diphenylhydrazine	0.935	1.005	-7.5	114	0.00	12.60
74	t	4-Bromophenyl-phenylether	0.214	0.236	-10.3	113	0.00	13.34
75	t	Hexachlorobenzene	0.252	0.278	-10.3	116	0.00	13.51
77	t	Phenanthrene	1.225	1.327	-8.3	117	0.00	14.20
78	t	Anthracene	1.207	1.326	-9.9	115	0.00	14.30
79	t	Carbazole	1.181	1.303	-10.3	115	0.00	14.83
80	t	Di-n-butylphthalate	1.262	1.472	-16.6	111	0.00	16.15
81	t	Fluoranthene	1.195	1.345	-12.6	113	0.00	16.89
82	t	Octadecane	0.510	0.563	-10.4	110	0.00	14.58
83	I	Chrysene-d12	1.000	1.000	0.0	95	0.00	19.91
84	t	Pyrene	1.195	1.402	-17.3	112	0.00	17.34
86	t	Butylbenzylphthalate	0.524	0.621	-18.5	107	0.00	19.38
88	t	Benzo[a]anthracene	1.106	1.221	-10.4	107	0.00	19.88
89	t	3,3'-Dichlorobenzidine	0.407	0.365	10.3	79	0.00	20.02
90	t	Chrysene	1.091	1.192	-9.3	108	0.00	19.94
91	t	bis(2-Ethylhexyl)phthalat	0.697	0.828	-18.8	106	0.00	20.47
92	I	Perylene-d12	1.000	1.000	0.0	92	0.00	21.78
			True	Calc.	% Drift			
93	t	Di-n-octylphthalate	50.000	59.134	-18.3	105	0.00	21.28
			AvgRF	CCRF	% Dev			
94	t	Benzo[b]fluoranthene	1.125	1.311	-16.5	103	0.00	21.37
95	t	Benzo[k]fluoranthene	1.215	1.410	-16.0	109	0.00	21.40
96	t	Benzo[a]pyrene	1.071	1.250	-16.7	103	0.00	21.71
97	t	Indeno[1,2,3-cd]pyrene	0.910	1.073	-17.9	102	0.00	22.84
99	t	Dibenz[a,h]anthracene	0.961	1.133	-17.9	104	0.00	22.88
100	t	7,12-Dimethylbenz(a)anthr	0.487	0.591	-21.4#	106	0.00	21.43
101	t	Benzo[g,h,i]perylene	1.052	1.178	-12.0	105	0.00	23.06

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m31881.D M2M1369.M Thu Sep 30 11:36:14 2010 MS2M

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1370-ICV1370
Lab FileID: 2M31888A.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1370\2m31888a.D Vial: 11
Acq On : 29 Sep 2010 8:20 pm Operator: olgaa
Sample : icv1370-50 Inst : MS2M
Misc : op45801,e2m1370, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Thu Sep 30 11:32:51 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	115	0.01	4.32
103	Benzaldehyde	1.054	1.109	-5.2	135	0.01	3.53
104	Acenaphthene-d10a	1.000	1.000	0.0	114	0.01	10.87
105	1,2,4,5-Tetrachlorobenzen	0.482	0.524	-8.7	124	0.00	9.01
108	Phenanthrene-d10a	1.000	1.000	0.0	110	0.01	14.15
109	Atrazine	0.103	0.121	-17.5	117	0.01	14.09

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m31881.D M2M1369.M Thu Sep 30 13:05:22 2010 MS2M

7.7.5

7

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1370-ICV1369
Lab FileID: 2M31890.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1370\2m31890.D Vial: 13
Acq On : 29 Sep 2010 9:23 pm Operator: olgaa
Sample : icv1369-50 Inst : MS2M
Misc : op45801,e2m1370, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Thu Sep 30 11:32:51 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00	4.31
10		Aniline	2.272	2.149	5.4	108	0.00	3.84
24	I	Naphthalene-d8	1.000	1.000	0.0	108	-0.01	6.92
39	t	4-Chloroaniline	0.495	0.465	6.1	105	0.00	7.30

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m31881.D M2M1369.M Thu Sep 30 12:59:21 2010 MS2M

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1370-ICV1370
Lab FileID: 2M31891.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1370\2m31891.D Vial: 14
Acq On : 29 Sep 2010 9:55 pm Operator: olgaa
Sample : icv1370-50 Inst : MS2M
Misc : op45801,e2m1370, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Thu Sep 30 11:32:51 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
106	Chrysene-d12a	1.000	1.000	0.0	107	0.00	19.89
107	Benzidine	0.756	1.027	-27.1#	439#	0.02	17.47

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m31881.D M2M1369.M Thu Sep 30 13:00:59 2010 MS2M

7.2.7

7

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1417-CC1369
Lab FileID: 2M32834.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1417\2m32834.D Vial: 2
Acq On : 22 Nov 2010 10:39 am Operator: olgaa
Sample : cc1369-50 Inst : MS2M
Misc : op46815,e2m1417, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Thu Nov 11 10:06:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	146	-0.09	3.90
2	t	1,4-Dioxane	0.624	0.588	5.8	152	-0.02	0.66
3	t	Pyridine	1.684	1.350	19.8	128	-0.03	0.80
4	t	N-Nitrosodimethylamine	0.940	0.843	10.3	140	-0.03	0.81
5	S	2-Fluorophenol	1.527	1.406	7.9	139	-0.17	2.17
6	t	Indene	2.161	2.023	6.4	143	-0.09	4.43
7	t	Cumene	2.959	2.797	5.5	145	-0.07	2.54
8	S	Phenol-d5	1.933	1.808	6.5	146	-0.25	4.03
9	t	Phenol	2.006	1.898	5.4	148	-0.25	4.05
10		Aniline	2.272	1.516	33.3#	101	-0.13	3.51
11	t	bis(2-Chloroethyl)ether	1.524	1.415	7.2	144	-0.09	3.65
12	t	2-Chlorophenol	1.531	1.484	3.1	151	-0.15	3.77
13	t	Decane	1.248	0.919	26.4#	112	-0.07	3.81
14	t	1,3-Dichlorobenzene	1.599	1.465	8.4	141	-0.08	3.82
15	t	1,4-Dichlorobenzene	1.621	1.526	5.9	146	-0.09	3.93
16	t	Benzyl alcohol	1.059	0.995	6.0	142	-0.15	4.52
17	t	1,2-Dichlorobenzene	1.511	1.430	5.4	146	-0.09	4.27
18	t	Acetophenone	2.026	1.942	4.1	146	-0.09	4.86
19	t	2-Methylphenol	1.417	1.302	8.1	140	-0.20	5.08
20	t	2,2'-oxybis(1-Chloropropa	1.896	1.420	25.1#	116	-0.09	4.71
21	t	3&4-Methylphenol	1.475	1.425	3.4	147	-0.20	5.46
22	t	n-Nitroso-di-n-propylamin	1.037	0.953	8.1	138	-0.08	5.02
23	t	Hexachloroethane	0.478	0.524	-9.6	163	-0.09	4.83
24	I	Naphthalene-d8	1.000	1.000	0.0	146	-0.09	6.51
25	S	Nitrobenzene-d5	0.409	0.394	3.7	150	-0.09	5.13
26	t	Nitrobenzene	0.205	0.192	6.3	142	-0.09	5.17
27	t	Quinoline	0.683	0.636	6.9	143	-0.09	7.36
28	t	Isophorone	0.700	0.685	2.1	147	-0.06	5.73
29	t	2-Nitrophenol	0.197	0.207	-5.1	155	-0.10	5.84
30	t	2,4-Dimethylphenol	0.355	0.362	-2.0	148	-0.18	6.42
31	t	Benzoic acid	0.307	0.287	6.5	131	-0.16	7.23
32	t	bis(2-Chloroethoxy)methan	0.441	0.438	0.7	152	-0.10	6.36
33	t	2,4-Dichlorophenol	0.304	0.301	1.0	147	-0.16	6.63
34	t	2,6-Dichlorophenol	0.303	0.307	-1.3	153	-0.13	6.98
35		1,3,5-Trichlorobenzene	0.310	0.307	1.0	155	-0.09	5.79
36	t	1,2,4-Trichlorobenzene	0.307	0.301	2.0	153	-0.09	6.47
37		1,2,3-Trichlorobenzene	0.290	0.291	-0.3	156	-0.09	6.97
38	t	Naphthalene	1.125	1.053	6.4	147	-0.09	6.55
39	t	4-Chloroaniline	0.495	0.403	18.6	124	-0.14	6.99
40	t	2,3-Dichloroaniline	0.349	0.344	1.4	149	-0.14	8.95
41	t	Caprolactam	0.162	0.153	5.6	134	-0.04	7.94

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1417-CC1369
Lab FileID: 2M32834.D

42	t	Hexachlorobutadiene	0.165	0.177	-7.3	166	-0.09	7.04
43	t	4-Chloro-3-methylphenol	0.328	0.330	-0.6	150	-0.18	8.59
44	t	2-Methylnaphthalene	0.743	0.723	2.7	148	-0.10	8.10
45	t	1-Methylnaphthalene	0.693	0.661	4.6	146	-0.09	8.32
46	t	Dimethylnaphthalene	0.578	0.593	-2.6	154	-0.09	9.54
47	I	Acenaphthene-d10	1.000	1.000	0.0	159	-0.10	10.42
48	t	Hexachlorocyclopentadiene	0.239	0.239	0.0	153	-0.09	8.64
49	t	2,4,6-Trichlorophenol	0.359	0.361	-0.6	161	-0.13	9.08
50	t	2,4,5-Trichlorophenol	0.379	0.372	1.8	159	-0.13	9.34
51	S	2-Fluorobiphenyl	1.369	1.250	8.7	154	-0.10	9.10
52	t	2-Chloronaphthalene	1.184	1.089	8.0	155	-0.09	9.16
53	t	Biphenyl	1.441	1.309	9.2	153	-0.10	9.24
54	t	2-Nitroaniline	0.358	0.343	4.2	152	-0.14	9.75
55	t	Dimethylphthalate	1.276	1.213	4.9	157	-0.10	10.30
56	t	Acenaphthylene	1.754	1.670	4.8	152	-0.10	10.06
57	t	2,6-Dinitrotoluene	0.162	0.178	-9.9	171	-0.11	10.40
58	t	3-Nitroaniline	0.365	0.358	1.9	155	-0.16	10.76
59	t	Acenaphthene	1.122	1.025	8.6	154	-0.10	10.49
		----------	True	Calc.	% Drift	----------		
60	t	2,4-Dinitrophenol	100.000	90.840	9.2	150	-0.09	10.97
		----------	AvgRF	CCRF	% Dev	----------		
61	t	4-Nitrophenol	0.192	0.173	9.9	141	-0.14	11.94
62	t	Dibenzofuran	1.655	1.525	7.9	155	-0.10	10.88
63	t	2,4-Dinitrotoluene	0.366	0.383	-4.6	158	-0.09	11.28
64		2,3,4,6-Tetrachlorophenol	0.303	0.277	8.6	141	-0.13	11.51
65	t	Diethylphthalate	1.238	1.198	3.2	162	-0.11	11.94
66	t	Fluorene	1.301	1.253	3.7	159	-0.10	11.65
67	t	4-Chlorophenyl-phenylethe	0.585	0.580	0.9	165	-0.10	11.82
68	t	4-Nitroaniline	0.356	0.323	9.3	140	-0.17	12.20
69	I	Phenanthrene-d10	1.000	1.000	0.0	161	-0.11	13.71
70	t	4,6-Dinitro-2-methylpheno	0.151	0.160	-6.0	164	-0.07	12.18
71	t	n-Nitrosodiphenylamine	0.635	0.613	3.5	162	-0.12	12.21
72	t	1,2-Diphenylhydrazine	0.935	0.947	-1.3	171	-0.10	12.15
73	S	2,4,6-Tribromophenol	0.122	0.133	-9.0	169	-0.12	12.34
74	t	4-Bromophenyl-phenylether	0.214	0.218	-1.9	166	-0.11	12.89
75	t	Hexachlorobenzene	0.252	0.262	-4.0	174	-0.09	13.06
76	t	Pentachlorophenol	0.159	0.140	11.9	133	-0.12	13.71
77	t	Phenanthrene	1.225	1.091	10.9	153	-0.10	13.77
78	t	Anthracene	1.207	1.156	4.2	159	-0.10	13.87
79	t	Carbazole	1.181	1.071	9.3	151	-0.14	14.50
80	t	Di-n-butylphthalate	1.262	1.344	-6.5	162	-0.11	15.70
81	t	Fluoranthene	1.195	1.211	-1.3	162	-0.11	16.45
82	t	Octadecane	0.510	0.466	8.6	144	-0.09	14.11
83	I	Chrysene-d12	1.000	1.000	0.0	172	-0.08	19.58
84	t	Pyrene	1.195	1.128	5.6	163	-0.10	16.90
85	S	Terphenyl-d14	0.696	0.680	2.3	167	-0.11	17.60
86	t	Butylbenzylphthalate	0.524	0.528	-0.8	166	-0.10	19.00
87		Butyl stearate	0.336	0.324	3.6	168	-0.08	19.29
88	t	Benzo[a]anthracene	1.106	1.040	6.0	165	-0.08	19.55
89	t	3,3'-Dichlorobenzidine	0.407	0.386	5.2	152	-0.09	19.73
90	t	Chrysene	1.091	1.064	2.5	175	-0.08	19.62
91	t	bis(2-Ethylhexyl)phthalat	0.697	0.741	-6.3	173	-0.07	20.15
92	I	Perylene-d12	1.000	1.000	0.0	167	-0.06	21.52

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1417-CC1369
Lab FileID: 2M32834.D

			True	Calc.	% Drift			
93	t	Di-n-octylphthalate	50.000	52.216	-4.4	167	-0.07	20.99

			AvgRF	CCRF	% Dev			
94	t	Benzo[b]fluoranthene	1.125	1.171	-4.1	166	-0.09	21.12
95	t	Benzo[k]fluoranthene	1.215	1.290	-6.2	179	-0.06	21.14
96	t	Benzo[a]pyrene	1.071	1.151	-7.5	170	-0.06	21.45
97	t	Indeno[1,2,3-cd]pyrene	0.910	0.979	-7.6	168	-0.05	22.60
98	t	Dibenz(a,h)acridine	0.853	0.907	-6.3	173	-0.06	22.41
99	t	Dibenz[a,h]anthracene	0.961	1.063	-10.6	176	-0.06	22.63
100	t	7,12-Dimethylbenz(a)anthr	0.487	0.522	-7.2	169	-0.07	21.14
101	t	Benzo[g,h,i]perylene	1.052	1.105	-5.0	177	-0.05	22.81

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m32601.D M2M1369.M Tue Nov 23 16:19:05 2010 MS2M

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1417-CC1370
Lab FileID: 2M32835.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1417\2m32835.D Vial: 3
Acq On : 22 Nov 2010 11:29 am Operator: olgaa
Sample : cc1370-25 Inst : MS2M
Misc : op46815,e2m1417, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Tue Nov 23 16:20:07 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	132	0.00	3.90
103	Benzaldehyde	1.054	0.941	10.7	126	0.00	3.15
104	Acenaphthene-d10a	1.000	1.000	0.0	129	0.00	10.41
105	1,2,4,5-Tetrachlorobenzen	0.482	0.494	-2.5	128	0.00	8.56
106	Chrysene-d12a	1.000	1.000	0.0	134	0.00	19.56
107	Benzidine	0.378	0.300	20.6#	273#	0.00	17.12
108	Phenanthrene-d10a	1.000	1.000	0.0	128	0.00	13.70
109	Atrazine	0.103	0.117	-13.6	134	0.00	13.70

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m31882.D M2M1369.M Tue Nov 23 16:21:42 2010 MS2M

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1421-ICC1421
Lab FileID: 2M32903.D

Response Factor Report MS2M

Method : C:\MSDCHEM\1\METHODS\M2M1421.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Mon Nov 29 11:32:07 2010
Response via : Initial Calibration

Calibration Files
2 =2m32907.D 5 =2m32906.D 25 =2m32904.D 80 =2m32902.D
100 =2m32901.D 50 =2m32903.D 1 =2m32908.D 10 =2m32905.D

Compound	2	5	25	80	100	50	1	10	Avg	%RSD
110) Chrysene-d12b	----------ISTD----------									
111) Methyl Chrys	0.774	0.760	0.796	0.830	0.785	0.820	0.815	0.741	0.790	3.92
112) 1,4-Dichlorobenzene-d	----------ISTD----------									
113) Benzenethiol	1.540	1.578	1.783	1.883	1.763	1.498	1.556	1.717	1.665	8.39

(#) = Out of Range ### Number of calibration levels exceeded format ###

M2M1369sknr.M Mon Nov 29 11:35:58 2010 MS2M

7.7.10

7

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1421-ICV1421
Lab FileID: 2M32909.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1421\2m32909.D Vial: 10
Acq On : 24 Nov 2010 7:34 pm Operator: olgaa
Sample : icv1421-50 Inst : MS2M
Misc : op46686,e2m1421, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Mon Nov 29 11:34:29 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
110	Chrysene-d12b	1.000	1.000	0.0	97	0.00	19.50
111	Methyl Chrysene	0.790	0.769	2.7	91	0.00	20.30
112	1,4-Dichlorobenzene-d4b	1.000	1.000	0.0	101	0.00	3.85
113	Benzenethiol	1.665	1.731	-4.0	117	0.00	3.12

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m32909.D M2M1369sknr.M Mon Nov 29 11:35:19 2010 MS2M

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1424-CC1369
Lab FileID: 2M32957.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1424\2m32957.D Vial: 2
Acq On : 30 Nov 2010 1:50 pm Operator: olgaa
Sample : cc1369-50 Inst : MS2M
Misc : op46817,e2m1424, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Thu Nov 11 10:06:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	-0.17	3.82
2	t	1,4-Dioxane	0.624	0.618	1.0	127	-0.05	0.63
3	t	Pyridine	1.684	1.348	20.0	101	-0.05	0.77
4	t	N-Nitrosodimethylamine	0.940	0.860	8.5	113	-0.05	0.78
5	S	2-Fluorophenol	1.527	1.322	13.4	104	-0.30	2.04
6	t	Indene	2.161	2.072	4.1	116	-0.17	4.35
7	t	Cumene	2.959	2.847	3.8	117	-0.16	2.46
8	S	Phenol-d5	1.933	1.734	10.3	111	-0.41	3.86
9	t	Phenol	2.006	1.827	8.9	113	-0.41	3.88
10		Aniline	2.272	1.515	33.3#	79	-0.22	3.42
11	t	bis(2-Chloroethyl)ether	1.524	1.415	7.2	114	-0.17	3.57
12	t	2-Chlorophenol	1.531	1.475	3.7	119	-0.27	3.65
13	t	Decane	1.248	0.928	25.6#	90	-0.15	3.73
14	t	1,3-Dichlorobenzene	1.599	1.495	6.5	114	-0.17	3.73
15	t	1,4-Dichlorobenzene	1.621	1.551	4.3	117	-0.17	3.84
16	t	Benzyl alcohol	1.059	0.971	8.3	109	-0.25	4.42
17	t	1,2-Dichlorobenzene	1.511	1.472	2.6	119	-0.17	4.19
18	t	Acetophenone	2.026	1.965	3.0	117	-0.17	4.78
19	t	2-Methylphenol	1.417	1.306	7.8	111	-0.34	4.95
20	t	2,2'-oxybis(1-Chloropropa	1.896	1.418	25.2#	91	-0.17	4.63
21	t	3&4-Methylphenol	1.475	1.394	5.5	114	-0.33	5.34
22	t	n-Nitroso-di-n-propylamin	1.037	0.947	8.7	108	-0.16	4.94
23	t	Hexachloroethane	0.478	0.532	-11.3	131	-0.18	4.75
24	I	Naphthalene-d8	1.000	1.000	0.0	120	-0.18	6.42
25	S	Nitrobenzene-d5	0.409	0.384	6.1	120	-0.17	5.05
26	t	Nitrobenzene	0.205	0.186	9.3	113	-0.18	5.08
27	t	Quinoline	0.683	0.606	11.3	112	-0.16	7.30
28	t	Isophorone	0.700	0.667	4.7	118	-0.16	5.63
29	t	2-Nitrophenol	0.197	0.196	0.5	120	-0.18	5.76
30	t	2,4-Dimethylphenol	0.355	0.364	-2.5	122	-0.30	6.29
31	t	Benzoic acid	0.307	0.251	18.2	94	-0.27	7.12
32	t	bis(2-Chloroethoxy)methan	0.441	0.425	3.6	121	-0.18	6.28
33	t	2,4-Dichlorophenol	0.304	0.282	7.2	113	-0.28	6.50
34	t	2,6-Dichlorophenol	0.303	0.295	2.6	120	-0.23	6.88
35		1,3,5-Trichlorobenzene	0.310	0.304	1.9	126	-0.17	5.71
36	t	1,2,4-Trichlorobenzene	0.307	0.299	2.6	125	-0.17	6.39
37		1,2,3-Trichlorobenzene	0.290	0.287	1.0	126	-0.18	6.88
38	t	Naphthalene	1.125	1.053	6.4	120	-0.18	6.46
39	t	4-Chloroaniline	0.495	0.410	17.2	103	-0.24	6.90
40	t	2,3-Dichloroaniline	0.349	0.351	-0.6	125	-0.24	8.86
41	t	Caprolactam	0.162	0.140	13.6	101	-0.13	7.84

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1424-CC1369
Lab FileID: 2M32957.D

42	t	Hexachlorobutadiene	0.165	0.177	-7.3	136	-0.17	6.96
43	t	4-Chloro-3-methylphenol	0.328	0.320	2.4	119	-0.32	8.45
44	t	2-Methylnaphthalene	0.743	0.696	6.3	117	-0.18	8.02
45	t	1-Methylnaphthalene	0.693	0.655	5.5	119	-0.18	8.22
46	t	Dimethylnaphthalene	0.578	0.583	-0.9	125	-0.18	9.45
47	I	Acenaphthene-d10	1.000	1.000	0.0	128	-0.19	10.34
48	t	Hexachlorocyclopentadiene	0.239	0.242	-1.3	124	-0.17	8.56
49	t	2,4,6-Trichlorophenol	0.359	0.349	2.8	125	-0.23	8.97
50	t	2,4,5-Trichlorophenol	0.379	0.350	7.7	121	-0.26	9.20
51	S	2-Fluorobiphenyl	1.369	1.248	8.8	124	-0.18	9.02
52	t	2-Chloronaphthalene	1.184	1.098	7.3	126	-0.18	9.08
53	t	Biphenyl	1.441	1.297	10.0	122	-0.18	9.16
54	t	2-Nitroaniline	0.358	0.333	7.0	119	-0.24	9.66
55	t	Dimethylphthalate	1.276	1.195	6.3	124	-0.18	10.22
56	t	Acenaphthylene	1.754	1.647	6.1	121	-0.19	9.97
57	t	2,6-Dinitrotoluene	0.162	0.180	-11.1	140	-0.19	10.32
58	t	3-Nitroaniline	0.365	0.338	7.4	118	-0.25	10.67
59	t	Acenaphthene	1.122	1.009	10.1	122	-0.19	10.41
			True	Calc.	% Drift			
60	t	2,4-Dinitrophenol	100.000	78.861	21.1#	104	-0.17	10.89
			AvgRF	CCRF	% Dev			
61	t	4-Nitrophenol	0.192	0.141	26.6#	92	-0.30	11.78
62	t	Dibenzofuran	1.655	1.514	8.5	124	-0.18	10.80
63	t	2,4-Dinitrotoluene	0.366	0.364	0.5	121	-0.17	11.20
64		2,3,4,6-Tetrachlorophenol	0.303	0.255	15.8	105	-0.22	11.42
65	t	Diethylphthalate	1.238	1.183	4.4	128	-0.19	11.86
66	t	Fluorene	1.301	1.215	6.6	124	-0.19	11.56
67	t	4-Chlorophenyl-phenylethe	0.585	0.564	3.6	129	-0.19	11.74
68	t	4-Nitroaniline	0.356	0.287	19.4	101	-0.27	12.10
69	I	Phenanthrene-d10	1.000	1.000	0.0	126	-0.19	13.62
70	t	4,6-Dinitro-2-methylpheno	0.151	0.150	0.7	119	-0.15	12.11
71	t	n-Nitrosodiphenylamine	0.635	0.605	4.7	125	-0.21	12.12
72	t	1,2-Diphenylhydrazine	0.935	0.957	-2.4	134	-0.19	12.07
73	S	2,4,6-Tribromophenol	0.122	0.124	-1.6	123	-0.22	12.24
74	t	4-Bromophenyl-phenylether	0.214	0.218	-1.9	130	-0.20	12.80
75	t	Hexachlorobenzene	0.252	0.258	-2.4	134	-0.18	12.97
76	t	Pentachlorophenol	0.159	0.132	17.0	97	-0.22	13.61
77	t	Phenanthrene	1.225	1.080	11.8	118	-0.19	13.67
78	t	Anthracene	1.207	1.131	6.3	121	-0.19	13.78
79	t	Carbazole	1.181	1.001	15.2	110	-0.24	14.41
80	t	Di-n-butylphthalate	1.262	1.344	-6.5	126	-0.19	15.62
81	t	Fluoranthene	1.195	1.158	3.1	121	-0.20	16.35
82	t	Octadecane	0.510	0.477	6.5	115	-0.17	14.03
83	I	Chrysene-d12	1.000	1.000	0.0	123	-0.16	19.50
84	t	Pyrene	1.195	1.179	1.3	121	-0.20	16.80
85	S	Terphenyl-d14	0.696	0.703	-1.0	123	-0.20	17.50
86	t	Butylbenzylphthalate	0.524	0.560	-6.9	125	-0.18	18.92
87		Butyl stearate	0.336	0.354	-5.4	130	-0.15	19.22
88	t	Benzo[a]anthracene	1.106	1.021	7.7	115	-0.16	19.48
89	t	3,3'-Dichlorobenzidine	0.407	0.363	10.8	102	-0.16	19.67
90	t	Chrysene	1.091	1.091	0.0	128	-0.16	19.55
91	t	bis(2-Ethylhexyl)phthalat	0.697	0.785	-12.6	130	-0.13	20.09
92	I	Perylene-d12	1.000	1.000	0.0	109	-0.13	21.46

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1424-CC1369
Lab FileID: 2M32957.D

			True	Calc.	% Drift			
93	t	Di-n-octylphthalate	50.000	58.926	-17.9	123	-0.13	20.93
			AvgRF	CCRF	% Dev			
94	t	Benzo[b]fluoranthene	1.125	1.141	-1.4	106	-0.17	21.04
95	t	Benzo[k]fluoranthene	1.215	1.419	-16.8	129	-0.13	21.08
96	t	Benzo[a]pyrene	1.071	1.155	-7.8	112	-0.12	21.39
97	t	Indeno[1,2,3-cd]pyrene	0.910	0.818	10.1	92	-0.12	22.53
98	t	Dibenz(a,h)acridine	0.853	0.846	0.8	106	-0.12	22.36
99	t	Dibenz[a,h]anthracene	0.961	1.063	-10.6	115	-0.12	22.56
100	t	7,12-Dimethylbenz(a)anthr	0.487	0.545	-11.9	115	-0.14	21.07
101	t	Benzo[g,h,i]perylene	1.052	1.093	-3.9	115	-0.12	22.75

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m32601.D M2M1369.M Wed Dec 01 11:38:41 2010 MS2M

7.7.12

7

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1424-CC1421
Lab FileID: 2M32958.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1424\2m32958.D Vial: 3
Acq On : 30 Nov 2010 2:21 pm Operator: olgaa
Sample : cc1421-50 Inst : MS2M
Misc : op46817,e2m1424, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\msdchem\1\METHODS\M2M1369sknr.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Mon Nov 29 11:32:07 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
110	Chrysene-d12b	1.000	1.000	0.0	95	-0.02	19.49
111	Methyl Chrysene	0.790	0.809	-2.4	94	-0.02	20.29
112	1,4-Dichlorobenzene-d4b	1.000	1.000	0.0	81	-0.02	3.82
113	Benzenethiol	1.665	1.388	16.6	75	-0.02	3.10

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m32903.D M2M1369sknr.M Wed Dec 01 11:39:56 2010 MS2M

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: E2M1424-CC1370
Lab FileID: 2M32959.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\e2m1424\2m32959.D Vial: 4
Acq On : 30 Nov 2010 2:54 pm Operator: olgaa
Sample : cc1370-25 Inst : MS2M
Misc : op46817,e2m1424, Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M2M1369.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
Last Update : Wed Dec 01 11:40:44 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	73	0.00	3.82
103	Benzaldehyde	1.054	0.873	17.2	65	0.00	3.10
104	Acenaphthene-d10a	1.000	1.000	0.0	73	0.00	10.33
105	1,2,4,5-Tetrachlorobenzen	0.482	0.485	-0.6	71	0.00	8.49
106	Chrysene-d12a	1.000	1.000	0.0	73	0.00	19.49
107	Benzidine	0.378	0.168	55.6#	83	0.00	17.14
108	Phenanthrene-d10a	1.000	1.000	0.0	70	0.00	13.62
109	Atrazine	0.103	0.112	-8.7	70	0.00	13.62

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2m31882.D M2M1369.M Wed Dec 01 11:41:51 2010 MS2M

7.7.14

7

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4329-ICC4329
Lab FileID: F92480.D

Response Factor Report MSF

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Nov 10 15:30:27 2010
Response via : Initial Calibration

Calibration Files
2 =F92483.D 5 =F92484.D 25 =F92486.D 80 =F92487.D
100 =F92481.D 50 =F92480.D 1 =F92482.D 10 =F92485.D

Compound	2	5	25	80	100	50	1	10	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	ISTD									
2) 1,4-Dioxane	0.680	0.760	0.573	0.603	0.657	0.638		0.707	0.660	9.57
3) Pyridine	1.675	1.479	1.391	1.489	1.470	1.396	2.044	1.586	1.566	13.71
4) N-Nitrosodim	0.964	0.941	0.860	0.900	0.911	0.862	1.146	0.973	0.944	9.72
5) 2-Fluorophen	1.157	1.284	1.247	1.347	1.354	1.307	1.395	1.343	1.304	5.75
6) Indene	1.949	2.008	1.869	1.858	1.800	1.894	2.196	2.046	1.952	6.53
7) Cumene	2.702	2.743	2.520	2.467	2.412	2.574	3.081	2.866	2.670	8.41
8) Phenol-d5	1.216	1.645	1.665	1.657	1.626	1.741	1.338	1.773	1.583	12.49
9) Phenol	1.333	1.748	1.786	1.751	1.706	1.832	1.682	1.877	1.714	9.73
10) Aniline	1.993	2.200	1.825	1.611	1.612	1.738		2.153	1.876	12.99
11) bis(2-Chloro	1.459	1.546	1.326	1.265	1.247	1.333	1.608	1.536	1.415	9.86
12) 2-Chlorophen	1.197	1.336	1.307	1.267	1.247	1.310	1.174	1.440	1.285	6.55
13) Decane	1.562	1.652	1.460	1.373	1.325	1.473	1.863	1.611	1.540	11.17
14) 1,3-Dichloro	1.653	1.670	1.533	1.476	1.445	1.539	1.851	1.680	1.606	8.31
15) 1,4-Dichloro	1.593	1.619	1.495	1.440	1.381	1.482	1.763	1.658	1.554	8.13
16) Benzyl alcoh	0.597	0.869	0.874	0.826	0.790	0.908	0.673	0.941	0.810	14.69
17) 1,2-Dichloro	1.589	1.567	1.396	1.279	1.194	1.367	1.809	1.626	1.478	13.80
18) Acetophenone	1.574	1.796	1.749	1.729	1.712	1.764	1.377	1.894	1.699	9.29
19) 2-Methylphen	0.741	1.129	1.152	1.176	1.131	1.196		1.229	1.108	14.96
20) 2,2'-oxybis(	0.414	0.452	0.400	0.386	0.368	0.395	0.461	0.446	0.415	8.22
21) 3&4-Methylph	0.832	1.274	1.223	1.141	1.048	1.227		1.370	1.159	15.18
----- Linear regression ----- Coefficient = 0.9930										
Response Ratio = 0.06371 + 1.07293 *A										
22) n-Nitroso-di	0.934	0.972	0.896	0.824	0.816	0.903	0.983	1.001	0.916	7.64
23) Hexachloroet	0.571	0.588	0.520	0.474	0.454	0.507	0.705	0.596	0.552	14.65
24) I Naphthalene-d8	ISTD									
25) Nitrobenzene	0.376	0.405	0.392	0.397	0.389	0.394	0.382	0.425	0.395	3.78
26) Nitrobenzene	0.162	0.197	0.183	0.179	0.173	0.182	0.183	0.199	0.182	6.61
27) Quinoline	0.590	0.702	0.675	0.705	0.681	0.695	0.719	0.732	0.687	6.31
28) Isophorone	0.705	0.766	0.687	0.676	0.653	0.689	0.943	0.767	0.736	12.63
29) 2-Nitropheno	0.133	0.178	0.188	0.186	0.172	0.187	0.155	0.193	0.174	11.68
30) 2,4-Dimethyl	0.244	0.295	0.310	0.350	0.335	0.337	0.330	0.309	0.314	10.64
31) Benzoic acid	0.106	0.172	0.248	0.289	0.276	0.212		0.237	0.220	28.87
----- Quadratic regression ----- Coefficient = 0.9910										
Response Ratio = -0.00194 + 0.20813 *A + 0.03019 *A^2										
32) bis(2-Chloro	0.399	0.483	0.441	0.446	0.428	0.453	0.415	0.483	0.444	6.77
33) 2,4-Dichloro	0.223	0.322	0.328	0.338	0.322	0.332		0.340	0.315	13.02
34) 2,6-Dichloro	0.248	0.323	0.319	0.323	0.304	0.320	0.287	0.347	0.309	9.70
35) 1,3,5-Trichl	0.375	0.409	0.358	0.342	0.319	0.352	0.450	0.403	0.376	11.29
36) 1,2,4-Trichl	0.378	0.398	0.361	0.348	0.326	0.357	0.455	0.398	0.378	10.53
37) 1,2,3-Trichl	0.370	0.387	0.347	0.343	0.327	0.346	0.454	0.382	0.369	10.86
38) Naphthalene	1.111	1.149	1.033	0.997	0.957	1.041	1.335	1.137	1.095	10.81
39) 4-Chloroanil	0.441	0.505	0.449	0.406	0.377	0.437	0.423	0.513	0.444	10.40

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4329-ICC4329
Lab FileID: F92480.D

40)	2,3-Dichloro	0.379	0.411	0.377	0.359	0.353	0.367	0.470	0.411	0.391	9.89
41)	Caprolactam	0.194	0.204	0.187	0.210	0.208	0.196	0.231	0.196	0.203	6.67
42)	Hexachlorobu	0.226	0.225	0.204	0.199	0.185	0.199	0.289	0.228	0.219	14.62
43)	4-Chloro-3-m	0.261	0.307	0.313	0.329	0.316	0.322	0.258	0.324	0.304	9.30
44)	2-Methylnaph	0.785	0.843	0.759	0.724	0.674	0.753	0.899	0.851	0.786	9.44
45)	1-Methylnaph	0.756	0.775	0.688	0.677	0.644	0.697	0.877	0.783	0.737	10.26
46)	Dimethylnaph	0.661	0.701	0.623	0.604	0.575	0.610	0.833	0.710	0.665	12.47
47)	I Acenaphthene-d10	ISTD									
48)	Hexachlorocy	0.193	0.224	0.246	0.265	0.262	0.269	0.231	0.246	0.242	10.47
49)	2,4,6-Trichl	0.345	0.389	0.379	0.362	0.352	0.371	0.418	0.402	0.377	6.63
50)	2,4,5-Trichl	0.365	0.458	0.426	0.419	0.405	0.418	0.425	0.463	0.422	7.28
51)	2-Fluorobiph	1.507	1.504	1.359	1.244	1.197	1.313	1.785	1.525	1.429	13.33
52)	2-Chloronaph	1.260	1.307	1.158	1.053	1.019	1.115	1.515	1.288	1.214	13.35
53)	Biphenyl	1.526	1.573	1.382	1.228	1.176	1.305	1.819	1.556	1.446	14.74
54)	2-Nitroanili	0.305	0.347	0.327	0.316	0.312	0.323	0.297	0.354	0.323	6.14
55)	Dimethylphth	1.449	1.448	1.258	1.173	1.132	1.220	1.710	1.412	1.350	14.18
56)	Acenaphthyle	1.946	1.988	1.832	1.703	1.660	1.791	2.280	2.000	1.900	10.48
57)	2,6-Dinitrot	0.218	0.261	0.265	0.279	0.268	0.271	0.262	0.278	0.263	7.30
58)	3-Nitroanili	0.252	0.312	0.303	0.281	0.267	0.302		0.321	0.291	8.71
59)	Acenaphthene	1.267	1.229	1.083	0.967	0.922	1.059	1.519	1.203	1.156	16.57
	----- Linear regression ----- Coefficient = 0.9960										
	Response Ratio = 0.05605 + 0.92999 *A										
60)	2,4-Dinitrop	0.034	0.064	0.108	0.161	0.156	0.129		0.089	0.106	44.48
	----- Linear regression ----- Coefficient = 0.9920										
	Response Ratio = -0.03866 + 0.16293 *A										
61)	4-Nitropheno		0.113	0.134	0.157	0.153	0.147		0.125	0.138	12.42
62)	Dibenzofuran	1.858	1.877	1.643	1.526	1.453	1.576		1.829	1.680	10.32
63)	2,4-Dinitrot	0.266	0.371	0.384	0.381	0.360	0.386	0.303	0.393	0.355	12.96
64)	2,3,4,6-Tetr	0.308	0.367	0.360	0.356	0.340	0.352	0.354	0.377	0.352	5.85
65)	Diethylphtha	1.407	1.393	1.189	1.068	1.026	1.131		1.360	1.225	13.07
66)	Fluorene	1.450	1.457	1.312	1.227	1.180	1.265	1.756	1.447	1.387	13.28
67)	4-Chlorophen	0.737	0.724	0.638	0.571	0.545	0.606		0.715	0.648	12.02
68)	4-Nitroanili		0.339	0.328	0.328	0.318	0.324		0.334	0.329	2.20
69)	I Phenanthrene-d10	ISTD									
70)	4,6-Dinitro-		0.081	0.115	0.144	0.139	0.124		0.106	0.118	19.51
	----- Linear regression ----- Coefficient = 0.9962										
	Response Ratio = -0.01337 + 0.14482 *A										
71)	n-Nitrosodip	0.566	0.600	0.539	0.498	0.471	0.532	0.662	0.606	0.559	11.12
72)	1,2-Diphenyl	0.837	0.833	0.739	0.675	0.637	0.735	0.980	0.849	0.786	14.09
73)	2,4,6-Tribro	0.077	0.101	0.099	0.102	0.095	0.096	0.094	0.107	0.096	9.43
74)	4-Bromopheny	0.235	0.253	0.236	0.225	0.214	0.228	0.302	0.261	0.244	11.29
75)	Hexachlorobe	0.261	0.269	0.238	0.224	0.207	0.229		0.263	0.242	9.55
76)	Pentachlorop	0.110	0.150	0.154	0.150	0.139	0.145	0.127	0.160	0.142	11.57
77)	Phenanthrene	1.236	1.208	1.071	1.030	0.983	1.059	1.611	1.225	1.178	16.96
	----- Linear regression ----- Coefficient = 0.9986										
	Response Ratio = 0.03802 + 0.99123 *A										
78)	Anthracene	1.368	1.314	1.131	0.971	0.914	1.045	1.768	1.281	1.224	22.45
	----- Linear regression ----- Coefficient = 0.9954										
	Response Ratio = 0.07009 + 0.91948 *A										
79)	Carbazole	1.135	1.135	1.048	0.995	0.939	1.054	1.304	1.164	1.097	10.34
80)	Di-n-butylph	1.214	1.317	1.237	1.182	1.135	1.280	1.492	1.376	1.279	8.99
81)	Fluoranthene	1.365	1.371	1.247	1.193	1.123	1.255	1.742	1.402	1.337	14.17
82)	Octadecane	0.491	0.517	0.476	0.415	0.399	0.464	0.548	0.533	0.480	11.10

Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4329-ICC4329
Lab FileID: F92480.D

```
 83) I   Chrysene-d12          ----------------ISTD--------------------
 84) Pyrene       1.312 1.307 1.176 1.172 1.109 1.193 1.598 1.308 1.272  11.97
 85) Terphenyl-d1 0.833 0.820 0.748 0.781 0.718 0.770 0.992 0.837 0.812  10.32
 86) Butylbenzylp 0.454 0.484 0.475 0.502 0.478 0.507 0.535 0.497 0.492   4.95
 87) Butyl steara 0.422 0.423 0.331 0.311 0.288 0.339       0.375 0.356  14.84
 88) Benzo[a]anth 1.125 1.134 1.043 1.114 1.050 1.109 1.442 1.134 1.144  10.97
 89) 3,3'-Dichlor 0.360 0.398 0.381 0.383 0.353 0.392 0.458 0.413 0.392   8.37
 90) Chrysene     1.256 1.189 1.009 0.943 0.890 0.977 1.569 1.141 1.122  19.71
             ----- Linear regression -----  Coefficient =  0.9978
               Response Ratio = 0.04588 + 0.89861 *A

 91) bis(2-Ethylh 0.611 0.691 0.662 0.693 0.645 0.702 0.731 0.716 0.681   5.81

 92) I   Perylene-d12          ----------------ISTD--------------------
 93) Di-n-octylph 1.004 1.263 1.352 1.341 1.304 1.451 1.186 1.373 1.284  10.73
 94) Benzo[b]fluo 0.928 1.147 1.138 1.294 1.378 1.395 1.110 1.205 1.199  12.90
 95) Benzo[k]fluo 1.680 1.606 1.401 1.073 0.865 1.108 2.140 1.543 1.427  28.54
          ----- Quadratic regression -----               Coefficient =  0.9942
               Response Ratio = 0.01725 + 1.47881 *A + -0.23916 *A^2

 96) Benzo[a]pyre 0.980 1.323 1.211 1.187 1.112 1.224 1.146 1.326 1.189   9.53
 97) Indeno[1,2,3 1.124 1.311 1.290 1.297 1.230 1.304 1.395 1.382 1.292   6.63
 98) Dibenz(a,h)a 0.733 0.861 0.928 0.992 0.952 0.987 0.945 0.970 0.921   9.39
 99) Dibenz[a,h]a 0.934 1.056 1.044 1.051 0.987 1.076 1.103 1.138 1.049   6.11
100) 7,12-Dimethy 0.452 0.477 0.498 0.466 0.444 0.494 0.564 0.506 0.487   7.78
101) Benzo[g,h,i] 1.051 1.135 1.120 1.129 1.071 1.108 1.328 1.188 1.141   7.54

-------------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           MF4329.M          Fri Nov 12 16:46:34 2010   GCMS3A
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Initial Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICC4330
Lab FileID: F92489.D

Response Factor Report MSF

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration

Calibration Files
2 =F92491.D 5 =F92492.D 25 =F92494.D 80 =F92495.D
100 =F92496.D 50 =F92489.D 1 =F92490.D 10 =F92493.D

Compound	2	5	25	80	100	50	1	10	Avg	%RSD
102) i 1,4-Dichlorobenzene-d	ISTD									
103) Benzaldehyde	1.033	0.999	0.980	0.855		0.971	0.740	0.969	0.935	10.93
104) Acenaphthene-d10a	ISTD									
105) 1,2,4,5-Tetr	0.578	0.579	0.601	0.575	0.518	0.587	0.427	0.579	0.556	10.30
106) i Phenanthrene-d10a	ISTD									
107) Atrazine	0.169	0.175	0.201	0.201		0.202		0.180	0.188	7.95
108) i Chrysene-d12a	ISTD									
109) Benzidine	0.547	0.499	0.532	0.306	0.248	0.592	0.507	0.514	0.468	26.17

(#) = Out of Range ### Number of calibration levels exceeded format ###

MF4329.M Thu Oct 21 12:26:29 2010 GCMS3A

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4329
Lab FileID: F92497.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4330\F92497.D Vial: 10
Acq On : 20 Oct 2010 4:24 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,bn#1 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:02:09 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00	3.33
3	t	Pyridine	1.566	1.539	1.7	107	0.00	1.28
4	t	N-Nitrosodimethylamine	0.944	0.938	0.6	106	0.00	1.27
11	t	bis(2-Chloroethyl)ether	1.415	1.402	0.9	102	0.00	3.10
14	t	1,3-Dichlorobenzene	1.606	1.642	-2.2	104	0.00	3.29
15	t	1,4-Dichlorobenzene	1.554	1.564	-0.6	103	0.00	3.35
16	t	Benzyl alcohol	0.810	0.931	-14.9	100	0.00	3.55
17	t	1,2-Dichlorobenzene	1.478	1.500	-1.5	107	0.00	3.57
20	t	2,2'-oxybis(1-Chloropropa	0.415	0.437	-5.3	108	0.00	3.75
22	t	n-Nitroso-di-n-propylamin	0.916	0.956	-4.4	103	-0.01	3.92
23	t	Hexachloroethane	0.552	0.550	0.4	106	0.00	3.95
24	I	Naphthalene-d8	1.000	1.000	0.0	93	0.00	5.00
26	t	Nitrobenzene	0.182	0.196	-7.7	100	0.00	4.08
28	t	Isophorone	0.736	0.747	-1.5	101	0.00	4.40
		----------	AvgRF	CCRF	% Dev		----------	
32	t	bis(2-Chloroethoxy)methan	0.444	0.493	-11.0	101	0.00	4.77
36	t	1,2,4-Trichlorobenzene	0.378	0.385	-1.9	100	0.00	4.95
38	t	Naphthalene	1.095	1.106	-1.0	99	0.00	5.02
42	t	Hexachlorobutadiene	0.219	0.221	-0.9	103	0.00	5.33
44	t	2-Methylnaphthalene	0.786	0.734	6.6	90	0.00	6.05
47	I	Acenaphthene-d10	1.000	1.000	0.0	88	0.00	7.66
48	t	Hexachlorocyclopentadiene	0.242	0.314	-30.0#	102	0.00	6.43
52	t	2-Chloronaphthalene	1.214	1.233	-1.6	98	-0.01	6.78
54	t	2-Nitroaniline	0.323	0.338	-4.6	92	0.00	7.04
55	t	Dimethylphthalate	1.350	1.243	7.9	90	0.00	7.44
56	t	Acenaphthylene	1.900	1.822	4.1	90	0.00	7.41
57	t	2,6-Dinitrotoluene	0.263	0.276	-4.9	90	0.00	7.51
58	t	3-Nitroaniline	0.291	0.273	6.2	80	-0.01	7.69
		----------	True	Calc.	% Drift		----------	
59	t	Acenaphthene	50.000	58.621	-17.2	95	0.00	7.71
		----------	AvgRF	CCRF	% Dev		----------	
62	t	Dibenzofuran	1.680	1.688	-0.5	94	0.00	7.97
63	t	2,4-Dinitrotoluene	0.355	0.365	-2.8	83	0.00	8.10
65	t	Diethylphthalate	1.225	1.160	5.3	90	-0.02	8.56
66	t	Fluorene	1.387	1.380	0.5	96	-0.01	8.50
67	t	4-Chlorophenyl-phenylethe	0.648	0.615	5.1	89	0.00	8.57
68	t	4-Nitroaniline	0.329	0.318	3.3	87	-0.01	8.66

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4329
Lab FileID: F92497.D

69	I	Phenanthrene-d10	1.000	1.000	0.0	86	0.00	9.94
71	t	n-Nitrosodiphenylamine	0.559	0.555	0.7	90	0.00	8.78
72	t	1,2-Diphenylhydrazine	0.786	0.802	-2.0	94	0.00	8.81
74	t	4-Bromophenyl-phenylether	0.244	0.251	-2.9	95	0.00	9.32
75	t	Hexachlorobenzene	0.242	0.253	-4.5	95	0.00	9.48
		----------	True	Calc.	% Drift	----------		
77	t	Phenanthrene	50.000	56.783	-13.6	94	-0.01	9.97
78	t	Anthracene	50.000	50.661	-1.3	103	0.00	10.04
		----------	AvgRF	CCRF	% Dev	----------		
79	t	Carbazole	1.097	1.145	-4.4	94	0.00	10.36
80	t	Di-n-butylphthalate	1.279	1.302	-1.8	88	0.00	11.15
81	t	Fluoranthene	1.337	1.312	1.9	90	0.00	11.78
83	I	Chrysene-d12	1.000	1.000	0.0	86	0.00	13.49
84	t	Pyrene	1.272	1.244	2.2	90	0.00	12.05
86	t	Butylbenzylphthalate	0.492	0.505	-2.6	86	0.00	13.03
88	t	Benzo[a]anthracene	1.144	1.133	1.0	88	-0.01	13.47
		----------	True	Calc.	% Drift	----------		
90	t	Chrysene	50.000	57.823	-15.6	95	-0.01	13.51
		----------	AvgRF	CCRF	% Dev	----------		
91	t	bis(2-Ethylhexyl)phthalat	0.681	0.712	-4.6	88	0.00	13.72
92	I	Perylene-d12	1.000	1.000	0.0	89	0.00	14.86
93	t	Di-n-octylphthalate	1.284	1.423	-10.8	87	0.00	14.31
94	t	Benzo[b]fluoranthene	1.199	1.170	2.4	74	-0.01	14.53
		----------	True	Calc.	% Drift	----------		
95	t	Benzo[k]fluoranthene	50.000	50.547	-1.1	115	0.00	14.56
		----------	AvgRF	CCRF	% Dev	----------		
96	t	Benzo[a]pyrene	1.189	1.276	-7.3	92	0.00	14.81
97	t	Indeno[1,2,3-cd]pyrene	1.292	1.347	-4.3	92	0.00	15.82
99	t	Dibenz[a,h]anthracene	1.049	1.115	-6.3	92	-0.01	15.85
101	t	Benzo[g,h,i]perylene	1.141	1.172	-2.7	94	-0.01	16.08

(#) = Out of Range SPCC's out = 0 CCC's out = 0

F92480.D MF4329.M Thu Oct 21 12:09:36 2010 GCMS3A

7.7.17

7

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4330
Lab FileID: F92497A.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92497A.D Vial: 10
Acq On : 20 Oct 2010 4:24 pm Operator: ninap
Sample : icv4330-50 Inst : MSF
Misc : op46122,ef4330,bn#1 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102 i	1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	95	0.00	3.33
103 t	Benzaldehyde		----------NA----------				
104	Acenaphthene-d10a	1.000	1.000	0.0	83	0.00	7.66
105	1,2,4,5-Tetrachlorobenzen	0.556	0.642	-15.5	91	0.02	6.38
106 i	Phenanthrene-d10a	1.000	1.000	0.0	76	0.00	9.94
107	Atrazine		----------NA----------				
108 i	Chrysene-d12a	1.000	1.000	0.0	76	0.00	13.49
109 t	Benzidine		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F92480.D MF4329.M Mon Oct 25 09:43:08 2010 GCMS3A

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4329
Lab FileID: F92498.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92498.D Vial: 11
Acq On : 20 Oct 2010 4:48 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,bn#2 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00	3.33
2	t	1,4-Dioxane	0.660	0.620	6.1	94	0.00	1.12
6	t	Indene	1.952	2.001	-2.5	102	0.00	3.67
7	t	Cumene	2.670	2.527	5.4	95	0.00	2.54
13	t	Decane	1.540	1.702	-10.5	112	0.00	3.21
18	t	Acetophenone	1.699	1.981	-16.6	108	0.00	3.87
24	I	Naphthalene-d8	1.000	1.000	0.0	81	0.00	5.00
27	t	Quinoline	0.687	0.783	-14.0	91	-0.02	5.52
40	t	2,3-Dichloroaniline	0.391	0.414	-5.9	92	0.00	6.55
41	t	Caprolactam	0.203	0.217	-6.9	90	-0.06	5.63
45	t	1-Methylnaphthalene	0.737	0.848	-15.1	99	0.00	6.21
46	t	Dimethylnaphthalene	0.665	0.775	-16.5	103	0.00	7.02
47	I	Acenaphthene-d10	1.000	1.000	0.0	85	-0.01	7.66
53	t	Biphenyl	1.446	1.608	-11.2	104	0.00	6.80
69	I	Phenanthrene-d10	1.000	1.000	0.0	84	-0.01	9.93
82	t	Octadecane	0.480	0.576	-20.0	104	0.00	10.03
83	I	Chrysene-d12	1.000	1.000	0.0	85	-0.01	13.49
92	I	Perylene-d12	1.000	1.000	0.0	79	-0.01	14.85
100	t	7,12-Dimethylbenz(a)anthr	0.487	0.585	-20.1#	93	-0.01	14.55

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F92480.D MF4329.M Fri Oct 22 16:09:46 2010 GCMS3A

7.7.19

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4330
Lab FileID: F92498A.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4330\F92498.D Vial: 11
Acq On : 20 Oct 2010 4:48 pm Operator: ninap
Sample : icv4330-50 Inst : MSF
Misc : op46122,ef4330,bn#2 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102 i	1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	94	0.00	3.33
103 t	Benzaldehyde	0.935	1.117	-19.5	108	0.01	2.86
104	Acenaphthene-d10a	1.000	1.000	0.0	80	-0.01	7.66
106 i	Phenanthrene-d10a	1.000	1.000	0.0	75	-0.01	9.93
107	Atrazine	0.188	0.225	-19.7	84	0.00	9.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F92480.D MF4329.M Thu Oct 21 12:20:31 2010 GCMS3A

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4329
Lab FileID: F92499.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4330\F92499.D Vial: 12
Acq On : 20 Oct 2010 5:13 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,acid 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00	3.33
9	t	Phenol	1.714	1.718	-0.2	97	0.00	3.03
12	t	2-Chlorophenol	1.285	1.332	-3.7	105	0.00	3.13
19	t	2-Methylphenol	1.108	1.133	-2.3	98	0.00	3.73
			True	Calc.	% Drift			
21	t	3&4-Methylphenol	50.000	57.407	-14.8	108	-0.01	3.92
			AvgRF	CCRF	% Dev			
24	I	Naphthalene-d8	1.000	1.000	0.0	97	0.00	5.00
29	t	2-Nitrophenol	0.174	0.188	-8.0	98	0.00	4.51
30	t	2,4-Dimethylphenol	0.314	0.336	-7.0	97	0.00	4.64
			True	Calc.	% Drift			
31	t	Benzoic acid	50.000	52.214	-4.4	118	-0.02	4.86
			AvgRF	CCRF	% Dev			
33	t	2,4-Dichlorophenol	0.315	0.312	1.0	91	0.00	4.85
34		2,6-Dichlorophenol	0.309	0.331	-7.1	100	0.00	5.18
43	t	4-Chloro-3-methylphenol	0.304	0.294	3.3	88	-0.02	5.97
47	I	Acenaphthene-d10	1.000	1.000	0.0	90	0.00	7.66
49	t	2,4,6-Trichlorophenol	0.377	0.386	-2.4	94	-0.01	6.56
50	t	2,4,5-Trichlorophenol	0.422	0.448	-6.2	97	-0.02	6.61
60	t	2,4-Dinitrophenol	100.000	82.164	18.0	72	-0.01	7.85
			AvgRF	CCRF	% Dev			
61	t	4-Nitrophenol	0.138	0.112	18.8	69	-0.02	8.05
64		2,3,4,6-Tetrachlorophenol	0.352	0.333	5.4	85	0.00	8.26
69	I	Phenanthrene-d10	1.000	1.000	0.0	90	-0.01	9.93
			True	Calc.	% Drift			
70	t	4,6-Dinitro-2-methylpheno	50.000	43.173	13.7	83	-0.02	8.71
			AvgRF	CCRF	% Dev			
76	t	Pentachlorophenol	0.142	0.156	-10.0	98	-0.02	9.79
83	I	Chrysene-d12	1.000	1.000	0.0	91	-0.02	13.48
92	I	Perylene-d12	1.000	1.000	0.0	89	-0.01	14.85

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4329
Lab FileID: F92499.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F92480.D MF4329.M Thu Oct 21 12:22:38 2010 GCMS3A

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4329
Lab FileID: F92500.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4330\F92500.D Vial: 13
Acq On : 20 Oct 2010 5:37 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,3rd source Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	142	0.00	3.33
10	t	Aniline	1.876	2.021	-7.7	165	0.00	3.02
24	I	Naphthalene-d8	1.000	1.000	0.0	141	0.00	5.00
39	t	4-Chloroaniline	0.444	0.449	-1.1	145	0.00	5.18
47	I	Acenaphthene-d10	1.000	1.000	0.0	130	0.00	7.66
69	I	Phenanthrene-d10	1.000	1.000	0.0	137	0.00	9.94
83	I	Chrysene-d12	1.000	1.000	0.0	141	-0.01	13.49
92	I	Perylene-d12	1.000	1.000	0.0	136	0.00	14.86

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F92480.D MF4329.M Thu Oct 21 12:23:30 2010 GCMS3A

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4329
Lab FileID: F92501.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4330\F92501.D Vial: 14
Acq On : 20 Oct 2010 6:01 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,3rd source,benzidene Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00	3.33
24	I	Naphthalene-d8	1.000	1.000	0.0	100	0.00	5.00
47	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00	7.66
69	I	Phenanthrene-d10	1.000	1.000	0.0	106	-0.01	9.93
83	I	Chrysene-d12	1.000	1.000	0.0	107	-0.01	13.49
89	t	3,3'-Dichlorobenzidine	0.392	0.391	0.3	107	0.00	13.51
92	I	Perylene-d12	1.000	1.000	0.0	106	-0.01	14.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F92480.D MF4329.M Thu Oct 21 12:25:11 2010 GCMS3A

Initial Calibration Verification

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4330-ICV4330
Lab FileID: F92501A.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4330\F92501.D Vial: 14
Acq On : 20 Oct 2010 6:01 pm Operator: ninap
Sample : icv4330-50 Inst : MSF
Misc : op46122,ef4330,3rd source,benzidene Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00	3.33
24	I	Naphthalene-d8	1.000	1.000	0.0	100	0.00	5.00
47	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00	7.66
69	I	Phenanthrene-d10	1.000	1.000	0.0	106	-0.01	9.93
83	I	Chrysene-d12	1.000	1.000	0.0	107	-0.01	13.49
92	I	Perylene-d12	1.000	1.000	0.0	106	-0.01	14.85
102	i	1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	101	0.00	3.33
104		Acenaphthene-d10a	1.000	1.000	0.0	96	0.00	7.66
106	i	Phenanthrene-d10a	1.000	1.000	0.0	94	-0.01	9.93
108	i	Chrysene-d12a	1.000	1.000	0.0	94	-0.01	13.49
109	t	Benzidine	0.468	0.737	-57.5#	117	-0.02	12.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F92480.D MF4329.M Thu Oct 21 12:25:11 2010 GCMS3A

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4370-CC4329
Lab FileID: F93515.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4370\F93515.D Vial: 2
Acq On : 29 Nov 2010 11:04 pm Operator: larisap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4370 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	-0.03	3.06
2	t	1,4-Dioxane	0.660	0.461	30.2#	82	0.07	0.96
3	t	Pyridine	1.566	1.242	20.7#	101	-0.03	1.11
4	t	N-Nitrosodimethylamine	0.944	0.748	20.8#	98	-0.03	1.11
5	S	2-Fluorophenol	1.304	1.200	8.0	104	-0.03	1.91
6	t	Indene	1.952	1.863	4.6	111	-0.03	3.38
7	t	Cumene	2.670	2.663	0.3	117	-0.03	2.29
8	S	Phenol-d5	1.583	1.567	1.0	102	-0.01	2.80
9	t	Phenol	1.714	1.730	-0.9	107	-0.02	2.81
10	t	Aniline	1.876	1.752	6.6	114	-0.03	2.76
11	t	bis(2-Chloroethyl)ether	1.415	1.293	8.6	110	-0.02	2.84
12	t	2-Chlorophenol	1.285	1.267	1.4	109	-0.02	2.88
13	t	Decane	1.540	1.816	-17.9	139	-0.03	2.94
14	t	1,3-Dichlorobenzene	1.606	1.500	6.6	110	-0.03	3.01
15	t	1,4-Dichlorobenzene	1.554	1.466	5.7	112	-0.03	3.08
16	t	Benzyl alcohol	0.810	0.852	-5.2	106	-0.02	3.29
17	t	1,2-Dichlorobenzene	1.478	1.321	10.6	109	-0.03	3.29
18	t	Acetophenone	1.699	1.805	-6.2	116	-0.03	3.60
19	t	2-Methylphenol	1.108	0.960	13.4	91	-0.02	3.49
20	t	2,2'-oxybis(1-Chloropropa	0.415	0.429	-3.4	123	-0.03	3.47
			True	Calc.	% Drift			
21	t	3&4-Methylphenol	50.000	47.046	5.9	98	-0.02	3.69
			AvgRF	CCRF	% Dev			
22	t	n-Nitroso-di-n-propylamin	0.916	0.938	-2.4	117	-0.03	3.65
23	t	Hexachloroethane	0.552	0.537	2.7	120	-0.03	3.65
24	I	Naphthalene-d8	1.000	1.000	0.0	112	-0.03	4.70
25	S	Nitrobenzene-d5	0.395	0.432	-9.4	123	-0.02	3.78
26	t	Nitrobenzene	0.182	0.185	-1.6	114	-0.03	3.80
27	t	Quinoline	0.687	0.718	-4.5	116	-0.02	5.25
28	t	Isophorone	0.736	0.737	-0.1	120	-0.03	4.12
29	t	2-Nitrophenol	0.174	0.195	-12.1	117	-0.03	4.23
30	t	2,4-Dimethylphenol	0.314	0.367	-16.9	122	-0.02	4.38
			True	Calc.	% Drift			
31	t	Benzoic acid	50.000	51.855	-3.7	135	0.01	4.68
			AvgRF	CCRF	% Dev			
32	t	bis(2-Chloroethoxy)methan	0.444	0.444	0.0	110	-0.03	4.48
33	t	2,4-Dichlorophenol	0.315	0.354	-12.4	120	-0.02	4.58

Continuing Calibration Summary

Job Number: JA62028 **Sample:** EF4370-CC4329
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** F93515.D
Project: 525 West 52nd Street, New York, NY

34		2,6-Dichlorophenol	0.309	0.328	-6.1	115	-0.02	4.90
35		1,3,5-Trichlorobenzene	0.376	0.364	3.2	116	-0.03	4.23
36	t	1,2,4-Trichlorobenzene	0.378	0.356	5.8	112	-0.03	4.66
37		1,2,3-Trichlorobenzene	0.369	0.361	2.2	117	-0.03	4.99
38	t	Naphthalene	1.095	1.029	6.0	111	-0.03	4.72
39	t	4-Chloroaniline	0.444	0.421	5.2	108	-0.02	4.90
40	t	2,3-Dichloroaniline	0.391	0.405	-3.6	124	-0.03	6.25
41	t	Caprolactam	0.203	0.251	-23.6#	143	-0.01	5.41
42	t	Hexachlorobutadiene	0.219	0.216	1.4	122	-0.03	5.02
43	t	4-Chloro-3-methylphenol	0.304	0.334	-9.9	116	-0.01	5.74
44	t	2-Methylnaphthalene	0.786	0.934	-18.8	139	-0.03	5.74
45	t	1-Methylnaphthalene	0.737	0.738	-0.1	119	-0.03	5.90
46	t	Dimethylnaphthalene	0.665	0.682	-2.6	125	-0.03	6.71
47	I	Acenaphthene-d10	1.000	1.000	0.0	123	-0.03	7.34
48	t	Hexachlorocyclopentadiene	0.242	0.276	-14.0	126	-0.03	6.11
49	t	2,4,6-Trichlorophenol	0.377	0.374	0.8	124	-0.02	6.28
50	t	2,4,5-Trichlorophenol	0.422	0.350	17.1	103	-0.01	6.35
51	S	2-Fluorobiphenyl	1.429	1.240	13.2	116	-0.03	6.38
52	t	2-Chloronaphthalene	1.214	1.062	12.5	117	-0.03	6.46
53	t	Biphenyl	1.446	1.304	9.8	123	-0.02	6.50
54	t	2-Nitroaniline	0.323	0.390	-20.7#	149	-0.02	6.75
55	t	Dimethylphthalate	1.350	1.232	8.7	124	-0.03	7.13
56	t	Acenaphthylene	1.900	1.752	7.8	120	-0.03	7.09
57	t	2,6-Dinitrotoluene	0.263	0.295	-12.2	134	-0.02	7.21
58	t	3-Nitroaniline	0.291	0.310	-6.5	126	-0.02	7.41
		----------	True	Calc.	% Drift	----------		
59	t	Acenaphthene	50.000	53.623	-7.2	121	-0.03	7.39
60	t	2,4-Dinitrophenol	100.000	122.985	-23.0#	177	-0.02	7.58
		----------	AvgRF	CCRF	% Dev	----------		
61	t	4-Nitrophenol	0.138	0.182	-31.9#	152	0.00	7.84
62	t	Dibenzofuran	1.680	1.556	7.4	122	-0.03	7.64
63	t	2,4-Dinitrotoluene	0.355	0.416	-17.2	133	-0.02	7.82
64		2,3,4,6-Tetrachlorophenol	0.352	0.351	0.3	123	-0.02	7.97
65	t	Diethylphthalate	1.225	1.168	4.7	127	-0.02	8.26
66	t	Fluorene	1.387	1.294	6.7	126	-0.02	8.18
67	t	4-Chlorophenyl-phenylethe	0.648	0.606	6.5	123	-0.02	8.25
68	t	4-Nitroaniline	0.329	0.340	-3.3	129	-0.02	8.38
69	I	Phenanthrene-d10	1.000	1.000	0.0	129	-0.02	9.62
		----------	True	Calc.	% Drift	----------		
70	t	4,6-Dinitro-2-methylpheno	50.000	57.276	-14.6	162	-0.01	8.45
		----------	AvgRF	CCRF	% Dev	----------		
71	t	n-Nitrosodiphenylamine	0.559	0.483	13.6	117	-0.02	8.47
72	t	1,2-Diphenylhydrazine	0.786	0.743	5.5	131	-0.03	8.48
73	S	2,4,6-Tribromophenol	0.096	0.096	0.0	129	-0.02	8.60
74	t	4-Bromophenyl-phenylether	0.244	0.224	8.2	127	-0.02	8.99
75	t	Hexachlorobenzene	0.242	0.223	7.9	126	-0.02	9.16
76	t	Pentachlorophenol	0.142	0.139	2.1	124	-0.02	9.50
		----------	True	Calc.	% Drift	----------		
77	t	Phenanthrene	50.000	50.767	-1.5	127	-0.02	9.65
78	t	Anthracene	50.000	50.366	-0.7	121	-0.02	9.72
		----------	AvgRF	CCRF	% Dev	----------		
79	t	Carbazole	1.097	0.998	9.0	122	-0.02	10.05

Continuing Calibration Summary

Job Number: JA62028 **Sample:** EF4370-CC4329
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** F93515.D
Project: 525 West 52nd Street, New York, NY

80	t	Di-n-butylphthalate	1.279	1.222	4.5	123	-0.02	10.83
81	t	Fluoranthene	1.337	1.217	9.0	125	-0.02	11.48
82	t	Octadecane	0.480	0.459	4.4	128	-0.02	9.72
83	I	Chrysene-d12	1.000	1.000	0.0	124	-0.01	13.25
84	t	Pyrene	1.272	1.190	6.4	124	-0.02	11.77
85	S	Terphenyl-d14	0.812	0.758	6.7	122	-0.02	12.09
86	t	Butylbenzylphthalate	0.492	0.523	-6.3	128	-0.02	12.78
87		Butyl stearate	0.356	0.365	-2.5	133	-0.02	12.89
88	t	Benzo[a]anthracene	1.144	1.094	4.4	122	-0.01	13.23
89	t	3,3'-Dichlorobenzidine	0.392	0.384	2.0	122	-0.02	13.27
			True	Calc.	% Drift			
90	t	Chrysene	50.000	50.988	-2.0	121	-0.01	13.28
			AvgRF	CCRF	% Dev			
91	t	bis(2-Ethylhexyl)phthalat	0.681	0.697	-2.3	123	-0.01	13.48
92	I	Perylene-d12	1.000	1.000	0.0	125	-0.01	14.63
93	t	Di-n-octylphthalate	1.284	1.423	-10.8	123	-0.02	14.08
94	t	Benzo[b]fluoranthene	1.199	1.373	-14.5	123	0.00	14.31
			True	Calc.	% Drift			
95	t	Benzo[k]fluoranthene	50.000	41.699	16.6	117	0.00	14.33
			AvgRF	CCRF	% Dev			
96	t	Benzo[a]pyrene	1.189	1.198	-0.8	123	0.00	14.58
97	t	Indeno[1,2,3-cd]pyrene	1.292	1.186	8.2	114	0.00	15.52
98	t	Dibenz(a,h)acridine	0.921	0.949	-3.0	120	0.00	15.33
99	t	Dibenz[a,h]anthracene	1.049	0.954	9.1	111	-0.01	15.54
100	t	7,12-Dimethylbenz(a)anthr	0.487	0.465	4.5	118	0.00	14.33
101	t	Benzo[g,h,i]perylene	1.141	1.021	10.5	115	0.00	15.76

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F93421.D MF4329.M Tue Nov 30 09:04:59 2010 GCMS3A

7.7.25
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Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4370-CC4330
Lab FileID: F93516.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4370\F93516.D Vial: 3
Acq On : 29 Nov 2010 11:28 pm Operator: larisap
Sample : cc4330-25 Inst : MSF
Misc : op46937,ef4370,tcl42 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102 i	1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	136	-0.02	3.06
103 t	Benzaldehyde	0.935	0.933	0.2	129	-0.06	2.61
104	Acenaphthene-d10a	1.000	1.000	0.0	138	-0.03	7.33
105	1,2,4,5-Tetrachlorobenzen	0.556	0.623	-12.1	144	-0.05	6.06
106 i	Phenanthrene-d10a	1.000	1.000	0.0	140	-0.03	9.60
107	Atrazine	0.188	0.232	-23.4#	161	-0.03	9.43
108 i	Chrysene-d12a	1.000	1.000	0.0	149	-0.02	13.24
109 t	Benzidine	0.468	0.585	-25.0#	164	-0.02	11.76

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F93467.D MF4329.M Tue Nov 30 09:06:15 2010 GCMS3A

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4371-CC4329
Lab FileID: F93542.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4371\F93542.D Vial: 2
Acq On : 30 Nov 2010 12:07 pm Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	-0.04	3.04
2	t	1,4-Dioxane	0.660	0.573	13.2	89	0.07	0.95
3	t	Pyridine	1.566	1.231	21.4#	88	-0.03	1.11
4	t	N-Nitrosodimethylamine	0.944	0.746	21.0#	86	-0.03	1.10
5	S	2-Fluorophenol	1.304	1.196	8.3	91	-0.02	1.91
6	t	Indene	1.952	1.909	2.2	100	-0.04	3.37
7	t	Cumene	2.670	2.615	2.1	101	-0.04	2.28
8	S	Phenol-d5	1.583	1.603	-1.3	92	-0.01	2.80
9	t	Phenol	1.714	1.713	0.1	93	-0.01	2.81
10	t	Aniline	1.876	1.569	16.4	90	-0.04	2.75
11	t	bis(2-Chloroethyl)ether	1.415	1.276	9.8	95	-0.04	2.82
12	t	2-Chlorophenol	1.285	1.276	0.7	97	-0.03	2.87
13	t	Decane	1.540	1.905	-23.7#	129	-0.04	2.93
14	t	1,3-Dichlorobenzene	1.606	1.552	3.4	100	-0.04	3.00
15	t	1,4-Dichlorobenzene	1.554	1.515	2.5	102	-0.05	3.06
16	t	Benzyl alcohol	0.810	0.878	-8.4	96	-0.03	3.28
17	t	1,2-Dichlorobenzene	1.478	1.379	6.7	100	-0.05	3.27
18	t	Acetophenone	1.699	1.876	-10.4	106	-0.04	3.58
19	t	2-Methylphenol	1.108	1.186	-7.0	99	-0.02	3.49
20	t	2,2'-oxybis(1-Chloropropa	0.415	0.445	-7.2	112	-0.04	3.46
		----------	True	Calc.	% Drift	----------		
21	t	3&4-Methylphenol	50.000	58.608	-17.2	106	-0.02	3.68
		----------	AvgRF	CCRF	% Dev	----------		
22	t	n-Nitroso-di-n-propylamin	0.916	0.981	-7.1	108	-0.04	3.64
23	t	Hexachloroethane	0.552	0.586	-6.2	115	-0.05	3.63
24	I	Naphthalene-d8	1.000	1.000	0.0	99	-0.05	4.68
25	S	Nitrobenzene-d5	0.395	0.444	-12.4	111	-0.04	3.76
26	t	Nitrobenzene	0.182	0.188	-3.3	101	-0.05	3.78
27	t	Quinoline	0.687	0.741	-7.9	105	-0.04	5.23
28	t	Isophorone	0.736	0.749	-1.8	107	-0.04	4.11
29	t	2-Nitrophenol	0.174	0.202	-16.1	106	-0.04	4.21
30	t	2,4-Dimethylphenol	0.314	0.370	-17.8	108	-0.03	4.37
		----------	True	Calc.	% Drift	----------		
31	t	Benzoic acid	50.000	62.601	-25.2#	148	0.01	4.69
		----------	AvgRF	CCRF	% Dev	----------		
32	t	bis(2-Chloroethoxy)methan	0.444	0.447	-0.7	97	-0.04	4.47
33	t	2,4-Dichlorophenol	0.315	0.363	-15.2	108	-0.02	4.57

Continuing Calibration Summary

Job Number: JA62028 **Sample:** EF4371-CC4329
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** F93542.D
Project: 525 West 52nd Street, New York, NY

34		2,6-Dichlorophenol	0.309	0.344	-11.3	106	-0.04	4.88
35		1,3,5-Trichlorobenzene	0.376	0.373	0.8	105	-0.05	4.21
36	t	1,2,4-Trichlorobenzene	0.378	0.374	1.1	103	-0.05	4.64
37		1,2,3-Trichlorobenzene	0.369	0.367	0.5	104	-0.05	4.97
38	t	Naphthalene	1.095	1.071	2.2	101	-0.05	4.70
39	t	4-Chloroaniline	0.444	0.418	5.9	94	-0.04	4.88
40	t	2,3-Dichloroaniline	0.391	0.418	-6.9	112	-0.04	6.24
41	t	Caprolactam	0.203	0.249	-22.7#	125	0.00	5.41
42	t	Hexachlorobutadiene	0.219	0.236	-7.8	117	-0.05	5.00
43	t	4-Chloro-3-methylphenol	0.304	0.352	-15.8	108	-0.01	5.73
44	t	2-Methylnaphthalene	0.786	1.029	-30.9#	135	-0.05	5.72
45	t	1-Methylnaphthalene	0.737	0.754	-2.3	107	-0.05	5.87
46	t	Dimethylnaphthalene	0.665	0.693	-4.2	112	-0.05	6.68
47	I	Acenaphthene-d10	1.000	1.000	0.0	112	-0.05	7.31
48	t	Hexachlorocyclopentadiene	0.242	0.290	-19.8	121	-0.05	6.08
49	t	2,4,6-Trichlorophenol	0.377	0.387	-2.7	117	-0.04	6.26
50	t	2,4,5-Trichlorophenol	0.422	0.410	2.8	110	-0.02	6.34
51	S	2-Fluorobiphenyl	1.429	1.243	13.0	106	-0.05	6.35
52	t	2-Chloronaphthalene	1.214	1.070	11.9	108	-0.05	6.44
53	t	Biphenyl	1.446	1.301	10.0	112	-0.05	6.47
54	t	2-Nitroaniline	0.323	0.376	-16.4	131	-0.04	6.73
55	t	Dimethylphthalate	1.350	1.289	4.5	119	-0.05	7.11
56	t	Acenaphthylene	1.900	1.776	6.5	111	-0.05	7.07
57	t	2,6-Dinitrotoluene	0.263	0.297	-12.9	123	-0.04	7.19
58	t	3-Nitroaniline	0.291	0.315	-8.2	117	-0.04	7.39
			True	Calc.	% Drift			
59	t	Acenaphthene	50.000	56.171	-12.3	115	-0.05	7.36
60	t	2,4-Dinitrophenol	100.000	121.770	-21.8#	160	-0.03	7.57
			AvgRF	CCRF	% Dev			
61	t	4-Nitrophenol	0.138	0.143	-3.6	109	0.02	7.87
62	t	Dibenzofuran	1.680	1.586	5.6	113	-0.05	7.62
63	t	2,4-Dinitrotoluene	0.355	0.429	-20.8#	125	-0.04	7.80
64		2,3,4,6-Tetrachlorophenol	0.352	0.363	-3.1	116	-0.04	7.95
65	t	Diethylphthalate	1.225	1.244	-1.6	124	-0.05	8.23
66	t	Fluorene	1.387	1.298	6.4	115	-0.05	8.15
67	t	4-Chlorophenyl-phenylethe	0.648	0.627	3.2	116	-0.05	8.22
68	t	4-Nitroaniline	0.329	0.326	0.9	113	-0.03	8.36
69	I	Phenanthrene-d10	1.000	1.000	0.0	119	-0.05	9.59
			True	Calc.	% Drift			
70	t	4,6-Dinitro-2-methylpheno	50.000	58.275	-16.5	152	-0.04	8.43
			AvgRF	CCRF	% Dev			
71	t	n-Nitrosodiphenylamine	0.559	0.495	11.4	111	-0.05	8.45
72	t	1,2-Diphenylhydrazine	0.786	0.765	2.7	124	-0.05	8.46
73	S	2,4,6-Tribromophenol	0.096	0.106	-10.4	131	-0.04	8.58
74	t	4-Bromophenyl-phenylether	0.244	0.230	5.7	120	-0.05	8.97
75	t	Hexachlorobenzene	0.242	0.226	6.6	117	-0.05	9.14
76	t	Pentachlorophenol	0.142	0.143	-0.7	117	-0.04	9.48
			True	Calc.	% Drift			
77	t	Phenanthrene	50.000	52.331	-4.7	120	-0.05	9.62
78	t	Anthracene	50.000	52.865	-5.7	117	-0.05	9.69
			AvgRF	CCRF	% Dev			
79	t	Carbazole	1.097	1.033	5.8	117	-0.04	10.03

7.7.27

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Continuing Calibration Summary

Job Number: JA62028 **Sample:** EF4371-CC4329
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** F93542.D
Project: 525 West 52nd Street, New York, NY

80	t	Di-n-butylphthalate	1.279	1.277	0.2	119	-0.05	10.81
81	t	Fluoranthene	1.337	1.257	6.0	119	-0.05	11.46
82	t	Octadecane	0.480	0.483	-0.6	124	-0.05	9.69
83	I	Chrysene-d12	1.000	1.000	0.0	122	-0.04	13.22
84	t	Pyrene	1.272	1.160	8.8	119	-0.04	11.74
85	S	Terphenyl-d14	0.812	0.722	11.1	114	-0.04	12.06
86	t	Butylbenzylphthalate	0.492	0.518	-5.3	125	-0.04	12.76
87		Butyl stearate	0.356	0.337	5.3	121	-0.04	12.86
88	t	Benzo[a]anthracene	1.144	1.070	6.5	118	-0.03	13.21
89	t	3,3'-Dichlorobenzidine	0.392	0.390	0.5	122	-0.04	13.25
			True	Calc.	% Drift			
90	t	Chrysene	50.000	52.348	-4.7	122	-0.04	13.25
			AvgRF	CCRF	% Dev			
91	t	bis(2-Ethylhexyl)phthalat	0.681	0.703	-3.2	122	-0.04	13.45
92	I	Perylene-d12	1.000	1.000	0.0	127	-0.03	14.61
93	t	Di-n-octylphthalate	1.284	1.445	-12.5	127	-0.04	14.05
94	t	Benzo[b]fluoranthene	1.199	1.228	-2.4	112	-0.03	14.28
			True	Calc.	% Drift			
95	t	Benzo[k]fluoranthene	50.000	50.483	-1.0	138	-0.03	14.31
			AvgRF	CCRF	% Dev			
96	t	Benzo[a]pyrene	1.189	1.197	-0.7	124	-0.03	14.55
97	t	Indeno[1,2,3-cd]pyrene	1.292	1.264	2.2	123	-0.04	15.49
98	t	Dibenz(a,h)acridine	0.921	0.973	-5.6	125	-0.03	15.31
99	t	Dibenz[a,h]anthracene	1.049	1.031	1.7	122	-0.04	15.52
100	t	7,12-Dimethylbenz(a)anthr	0.487	0.473	2.9	122	-0.03	14.30
101	t	Benzo[g,h,i]perylene	1.141	1.099	3.7	126	-0.04	15.73

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F93421.D MF4329.M Tue Nov 30 12:38:44 2010 GCMS3A

7.7.27

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Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4371-CC4330
Lab FileID: F93543.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4371\F93543.D Vial: 3
Acq On : 30 Nov 2010 12:35 pm Operator: ninap
Sample : cc4330-25 Inst : MSF
Misc : op46937,ef4371,tcl42 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102 i	1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	89	-0.04	3.04
103 t	Benzaldehyde	0.935	0.850	9.1	77	-0.07	2.60
104	Acenaphthene-d10a	1.000	1.000	0.0	92	-0.05	7.31
105	1,2,4,5-Tetrachlorobenzen	0.556	0.610	-9.7	93	-0.07	6.04
106 i	Phenanthrene-d10a	1.000	1.000	0.0	93	-0.06	9.58
107	Atrazine	0.188	0.238	-26.6#	110	-0.05	9.41
108 i	Chrysene-d12a	1.000	1.000	0.0	101	-0.04	13.22
109 t	Benzidine	0.468	0.532	-13.7	101	-0.04	11.75

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F93467.D MF4329.M Tue Nov 30 13:26:42 2010 GCMS3A

7.7.28
7

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4373-CC4329
Lab FileID: F93602.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4373\F93602.D Vial: 2
Acq On : 2 Dec 2010 7:58 am Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46967,ef4373 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	129	-0.06	3.02
2	t	1,4-Dioxane	0.660	0.551	16.5	112	0.07	0.96
3	t	Pyridine	1.566	1.351	13.7	125	-0.02	1.11
4	t	N-Nitrosodimethylamine	0.944	0.836	11.4	125	-0.03	1.10
5	S	2-Fluorophenol	1.304	1.300	0.3	129	-0.03	1.90
6	t	Indene	1.952	1.965	-0.7	134	-0.07	3.34
7	t	Cumene	2.670	2.817	-5.5	141	-0.06	2.26
8	S	Phenol-d5	1.583	1.699	-7.3	126	-0.03	2.78
9	t	Phenol	1.714	1.748	-2.0	123	-0.03	2.80
10	t	Aniline	1.876	2.179	-16.2	162	-0.06	2.73
11	t	bis(2-Chloroethyl)ether	1.415	1.233	12.9	119	-0.06	2.80
12	t	2-Chlorophenol	1.285	1.294	-0.7	128	-0.05	2.85
13	t	Decane	1.540	1.877	-21.9#	165	-0.07	2.90
14	t	1,3-Dichlorobenzene	1.606	1.580	1.6	133	-0.06	2.98
15	t	1,4-Dichlorobenzene	1.554	1.528	1.7	133	-0.07	3.04
16	t	Benzyl alcohol	0.810	0.923	-14.0	131	-0.05	3.26
17	t	1,2-Dichlorobenzene	1.478	1.402	5.1	133	-0.07	3.25
18	t	Acetophenone	1.699	2.004	-18.0	147	-0.06	3.56
19	t	2-Methylphenol	1.108	1.310	-18.2	141	-0.04	3.47
20	t	2,2'-oxybis(1-Chloropropa	0.415	0.474	-14.2	155	-0.06	3.44
			True	Calc.	% Drift			
21	t	3&4-Methylphenol	50.000	60.186	-20.4#	141	-0.04	3.67
			AvgRF	CCRF	% Dev			
22	t	n-Nitroso-di-n-propylamin	0.916	1.009	-10.2	144	-0.06	3.62
23	t	Hexachloroethane	0.552	0.587	-6.3	150	-0.07	3.61
24	I	Naphthalene-d8	1.000	1.000	0.0	127	-0.07	4.65
25	S	Nitrobenzene-d5	0.395	0.440	-11.4	142	-0.06	3.74
26	t	Nitrobenzene	0.182	0.197	-8.2	138	-0.07	3.76
27	t	Quinoline	0.687	0.760	-10.6	139	-0.07	5.19
28	t	Isophorone	0.736	0.829	-12.6	153	-0.07	4.08
29	t	2-Nitrophenol	0.174	0.205	-17.8	140	-0.07	4.18
30	t	2,4-Dimethylphenol	0.314	0.403	-28.3#	152	-0.05	4.35
			True	Calc.	% Drift			
31	t	Benzoic acid	50.000	63.233	-26.5#	194	0.00	4.67
			AvgRF	CCRF	% Dev			
32	t	bis(2-Chloroethoxy)methan	0.444	0.475	-7.0	134	-0.07	4.44
33	t	2,4-Dichlorophenol	0.315	0.374	-18.7	144	-0.04	4.56

Continuing Calibration Summary

Job Number: JA62028 **Sample:** EF4373-CC4329
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** F93602.D
Project: 525 West 52nd Street, New York, NY

34		2,6-Dichlorophenol	0.309	0.338	-9.4	134	-0.06	4.86
35		1,3,5-Trichlorobenzene	0.376	0.375	0.3	136	-0.07	4.18
36	t	1,2,4-Trichlorobenzene	0.378	0.376	0.5	135	-0.07	4.61
37		1,2,3-Trichlorobenzene	0.369	0.369	0.0	136	-0.07	4.95
38	t	Naphthalene	1.095	1.074	1.9	132	-0.07	4.68
39	t	4-Chloroaniline	0.444	0.467	-5.2	136	-0.06	4.86
40	t	2,3-Dichloroaniline	0.391	0.433	-10.7	151	-0.07	6.21
41	t	Caprolactam	0.203	0.263	-29.6#	171	-0.04	5.38
42	t	Hexachlorobutadiene	0.219	0.229	-4.6	146	-0.08	4.97
43	t	4-Chloro-3-methylphenol	0.304	0.357	-17.4	141	-0.03	5.72
44	t	2-Methylnaphthalene	0.786	0.858	-9.2	145	-0.07	5.70
45	t	1-Methylnaphthalene	0.737	0.754	-2.3	138	-0.07	5.85
46	t	Dimethylnaphthalene	0.665	0.705	-6.0	147	-0.07	6.66
47	I	Acenaphthene-d10	1.000	1.000	0.0	145	-0.08	7.29
48	t	Hexachlorocyclopentadiene	0.242	0.292	-20.7#	157	-0.08	6.05
49	t	2,4,6-Trichlorophenol	0.377	0.381	-1.1	148	-0.06	6.24
50	t	2,4,5-Trichlorophenol	0.422	0.380	10.0	131	-0.03	6.33
51	S	2-Fluorobiphenyl	1.429	1.175	17.8	129	-0.07	6.33
52	t	2-Chloronaphthalene	1.214	1.064	12.4	138	-0.07	6.42
53	t	Biphenyl	1.446	1.277	11.7	142	-0.07	6.44
54	t	2-Nitroaniline	0.323	0.376	-16.4	168	-0.06	6.71
55	t	Dimethylphthalate	1.350	1.259	6.7	149	-0.07	7.09
56	t	Acenaphthylene	1.900	1.820	4.2	147	-0.08	7.04
57	t	2,6-Dinitrotoluene	0.263	0.300	-14.1	160	-0.07	7.17
58	t	3-Nitroaniline	0.291	0.320	-10.0	153	-0.06	7.37
		----------	True	Calc.	% Drift	----------		
59	t	Acenaphthene	50.000	54.583	-9.2	145	-0.08	7.34
60	t	2,4-Dinitrophenol	100.000	119.566	-19.6	202	-0.05	7.54
		----------	AvgRF	CCRF	% Dev	----------		
61	t	4-Nitrophenol	0.138	0.141	-2.2	139	0.01	7.86
62	t	Dibenzofuran	1.680	1.535	8.6	141	-0.08	7.59
63	t	2,4-Dinitrotoluene	0.355	0.426	-20.0#	159	-0.06	7.77
64		2,3,4,6-Tetrachlorophenol	0.352	0.339	3.7	139	-0.06	7.93
65	t	Diethylphthalate	1.225	1.179	3.8	151	-0.07	8.21
66	t	Fluorene	1.387	1.296	6.6	148	-0.07	8.13
67	t	4-Chlorophenyl-phenylethe	0.648	0.601	7.3	143	-0.07	8.20
68	t	4-Nitroaniline	0.329	0.330	-0.3	147	-0.05	8.34
69	I	Phenanthrene-d10	1.000	1.000	0.0	144	-0.08	9.56
		----------	True	Calc.	% Drift	----------		
70	t	4,6-Dinitro-2-methylpheno	50.000	56.831	-13.7	180	-0.06	8.40
		----------	AvgRF	CCRF	% Dev	----------		
71	t	n-Nitrosodiphenylamine	0.559	0.511	8.6	139	-0.07	8.42
72	t	1,2-Diphenylhydrazine	0.786	0.790	-0.5	155	-0.07	8.44
73	S	2,4,6-Tribromophenol	0.096	0.106	-10.4	159	-0.06	8.55
74	t	4-Bromophenyl-phenylether	0.244	0.234	4.1	148	-0.07	8.94
75	t	Hexachlorobenzene	0.242	0.235	2.9	148	-0.07	9.11
76	t	Pentachlorophenol	0.142	0.138	2.8	137	-0.06	9.46
		----------	True	Calc.	% Drift	----------		
77	t	Phenanthrene	50.000	52.302	-4.6	145	-0.07	9.60
78	t	Anthracene	50.000	52.976	-6.0	142	-0.07	9.67
		----------	AvgRF	CCRF	% Dev	----------		
79	t	Carbazole	1.097	1.050	4.3	144	-0.06	10.00

Continuing Calibration Summary

Job Number: JA62028 **Sample:** EF4373-CC4329
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** F93602.D
Project: 525 West 52nd Street, New York, NY

80	t	Di-n-butylphthalate	1.279	1.312	-2.6	148	-0.07	10.78
81	t	Fluoranthene	1.337	1.257	6.0	145	-0.07	11.43
82	t	Octadecane	0.480	0.485	-1.0	151	-0.08	9.67
83	I	Chrysene-d12	1.000	1.000	0.0	137	-0.05	13.21
84	t	Pyrene	1.272	1.208	5.0	139	-0.06	11.72
85	S	Terphenyl-d14	0.812	0.791	2.6	141	-0.06	12.04
86	t	Butylbenzylphthalate	0.492	0.559	-13.6	151	-0.06	12.74
87		Butyl stearate	0.356	0.363	-2.0	147	-0.06	12.84
88	t	Benzo[a]anthracene	1.144	1.121	2.0	139	-0.05	13.19
89	t	3,3'-Dichlorobenzidine	0.392	0.389	0.8	136	-0.05	13.23
		----------	True	Calc.	% Drift		----------	
90	t	Chrysene	50.000	51.097	-2.2	134	-0.05	13.23
		----------	AvgRF	CCRF	% Dev		----------	
91	t	bis(2-Ethylhexyl)phthalat	0.681	0.749	-10.0	147	-0.05	13.44
92	I	Perylene-d12	1.000	1.000	0.0	139	-0.05	14.59
93	t	Di-n-octylphthalate	1.284	1.506	-17.3	144	-0.06	14.04
94	t	Benzo[b]fluoranthene	1.199	1.239	-3.3	123	-0.05	14.27
		----------	True	Calc.	% Drift		----------	
95	t	Benzo[k]fluoranthene	50.000	47.867	4.3	145	-0.05	14.29
		----------	AvgRF	CCRF	% Dev		----------	
96	t	Benzo[a]pyrene	1.189	1.209	-1.7	137	-0.05	14.54
97	t	Indeno[1,2,3-cd]pyrene	1.292	1.246	3.6	132	-0.05	15.48
98	t	Dibenz(a,h)acridine	0.921	0.961	-4.3	135	-0.05	15.29
99	t	Dibenz[a,h]anthracene	1.049	1.013	3.4	131	-0.06	15.49
100	t	7,12-Dimethylbenz(a)anthr	0.487	0.491	-0.8	138	-0.05	14.28
101	t	Benzo[g,h,i]perylene	1.141	1.094	4.1	137	-0.06	15.71

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F93421.D MF4329.M Thu Dec 02 09:47:00 2010 GCMS3A

7.7.29

7

Continuing Calibration Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: EF4373-CC4330
Lab FileID: F93603.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF4373\F93603.D Vial: 3
Acq On : 2 Dec 2010 8:26 am Operator: ninap
Sample : cc4330-25 Inst : MSF
Misc : op46967,ef4373,tcl42 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102 i	1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	139	-0.06	3.02
103 t	Benzaldehyde	0.935	0.870	7.0	123	-0.09	2.58
104	Acenaphthene-d10a	1.000	1.000	0.0	143	-0.08	7.29
105	1,2,4,5-Tetrachlorobenzen	0.556	0.600	-7.9	143	-0.09	6.02
106 i	Phenanthrene-d10a	1.000	1.000	0.0	139	-0.08	9.56
107	Atrazine	0.188	0.235	-25.0#	163	-0.07	9.39
108 i	Chrysene-d12a	1.000	1.000	0.0	143	-0.06	13.20
109 t	Benzidine	0.468	0.651	-39.1#	175	-0.06	11.72

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F93467.D MF4329.M Thu Dec 02 09:58:43 2010 GCMS3A

New Jersey ACCUTEST LABORATORIES

GC/MS Semi-volatiles

Raw Data

Manual Integrations APPROVED (compounds with "m" flag)
Cheng-Hwan Ao
12/05/10 18:49

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93539.D Vial: 25
Acq On : 30 Nov 2010 8:18 am Operator: larisap
Sample : ja62028-1 Inst : MSF
Misc : op46863,ef4370,35.0 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 08:35:15 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

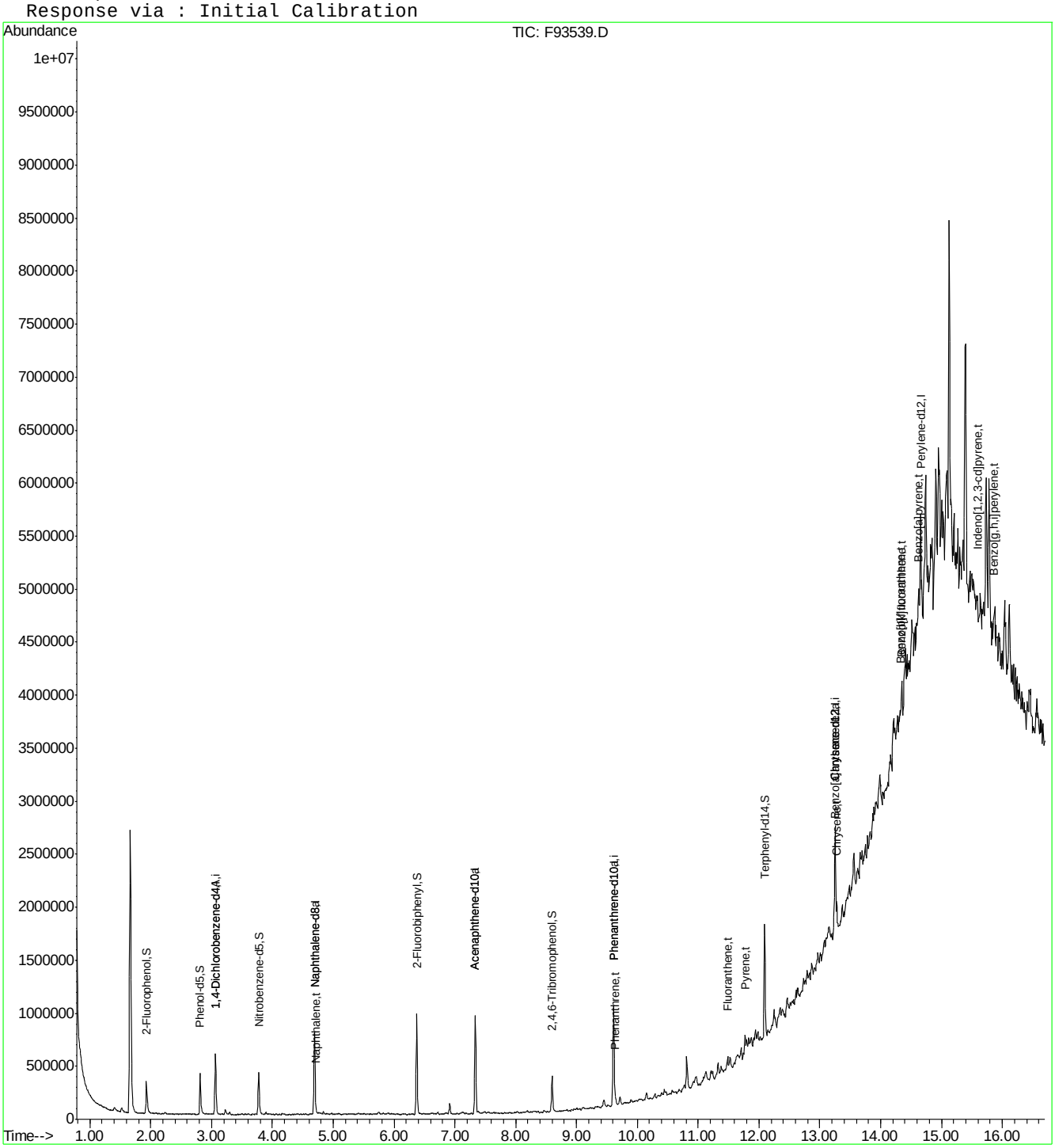
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.07	152	133893	40.00	ppb	-0.02
24) Naphthalene-d8	4.70	136	469243	40.00	ppb	-0.03
47) Acenaphthene-d10	7.33	164	321484	40.00	ppb	-0.03
69) Phenanthrene-d10	9.61	188	534988	40.00	ppb	-0.03
83) Chrysene-d12	13.25	240	478938	40.00	ppb	-0.01
92) Perylene-d12	14.66	264	340266	40.00	ppb	0.02
102) 1,4-Dichlorobenzene-d4A	3.07	152	133893	40.00	ppb	-0.02
104) Acenaphthene-d10a	7.33	164	321484	40.00	ppb	-0.03
106) Phenanthrene-d10a	9.61	188	534988	40.00	ppb	-0.03
108) Chrysene-d12a	13.25	240	478938	40.00	ppb	-0.01
110) Naphthalene-d8a	4.70	136	469243	40.00	ppb	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	1.93	112	131675	30.16	ppb	0.00
Spiked Amount 50.000			Recovery = 60.32%			
8) Phenol-d5	2.81	99	179718	33.92	ppb	0.00
Spiked Amount 50.000			Recovery = 67.84%			
25) Nitrobenzene-d5	3.78	82	180487	38.94	ppb	-0.02
Spiked Amount 50.000			Recovery = 77.88%			
51) 2-Fluorobiphenyl	6.37	172	406258	35.37	ppb	-0.03
Spiked Amount 50.000			Recovery = 70.74%			
73) 2,4,6-Tribromophenol	8.60	330	56616	43.93	ppb	-0.02
Spiked Amount 50.000			Recovery = 87.86%			
85) Terphenyl-d14	12.09	244	405109	41.65	ppb	-0.01
Spiked Amount 50.000			Recovery = 83.30%			
Target Compounds						Qvalue
38) Naphthalene	4.72	128	12751	0.99	ppb	93
77) Phenanthrene	9.64	178	42931	1.70	ppb	97
81) Fluoranthene	11.49	202	82813	4.63	ppb	93
84) Pyrene	11.77	202	94121	6.18	ppb	97
88) Benzo[a]anthracene	13.24	228	46644	3.41	ppb	86
90) Chrysene	13.28	228	71717	4.62	ppb	96
94) Benzo[b]fluoranthene	14.33	252	33597m	3.29	ppb	
95) Benzo[k]fluoranthene	14.33	252	23500m	1.41	ppb	
96) Benzo[a]pyrene	14.61	252	27531	2.72	ppb	87
97) Indeno[1,2,3-cd]pyrene	15.59	276	22274	2.03	ppb	94
101) Benzo[g,h,i]perylene	15.85	276	25875	2.67	ppb	85

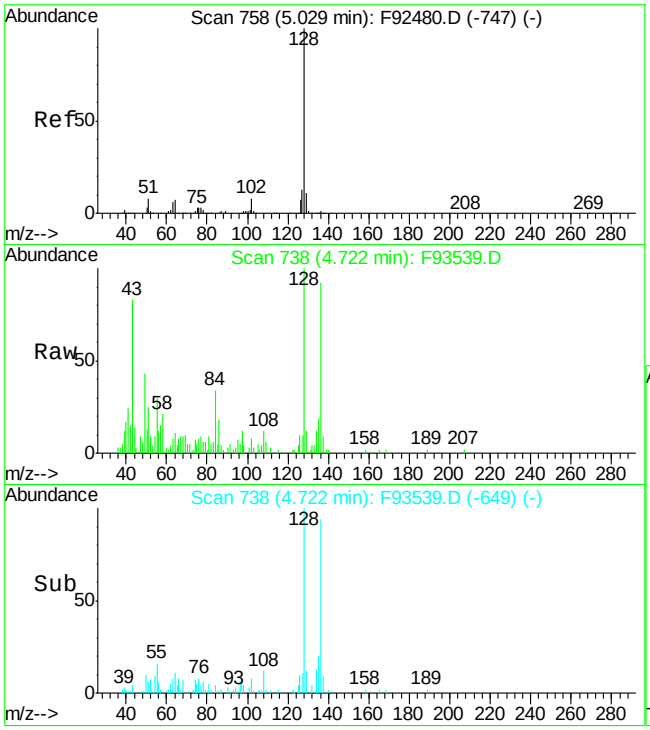
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93539.D Vial: 25
Acq On : 30 Nov 2010 8:18 am Operator: larisap
Sample : ja62028-1 Inst : MSF
Misc : op46863,ef4370,35.0 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:56 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 07:59:11 2010
Response via : Initial Calibration

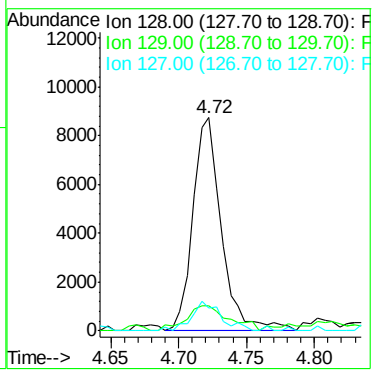


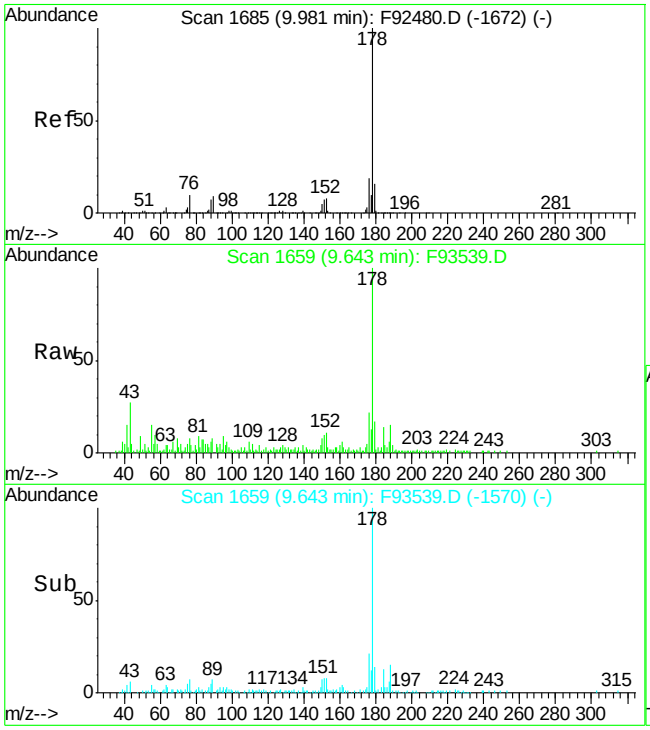


#38
Naphthalene
Concen: 0.99 ppb
RT: 4.72 min Scan# 738
Delta R.T. -0.03 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:128 Resp: 12751

Ion	Ratio	Lower	Upper
128	100		
129	9.1	0.0	40.9
127	9.5	0.0	42.8

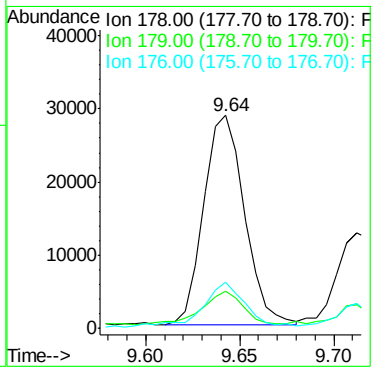


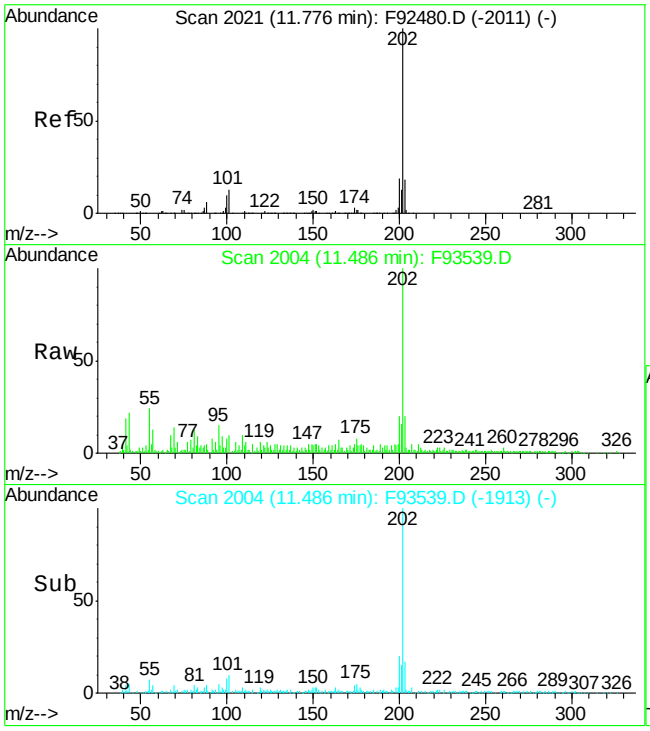


#77
Phenanthrene
Concen: 1.70 ppb
RT: 9.64 min Scan# 1659
Delta R.T. -0.03 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:178 Resp: 42931

Ion	Ratio	Lower	Upper
178	100		
179	14.3	0.0	45.7
176	20.2	0.0	48.7

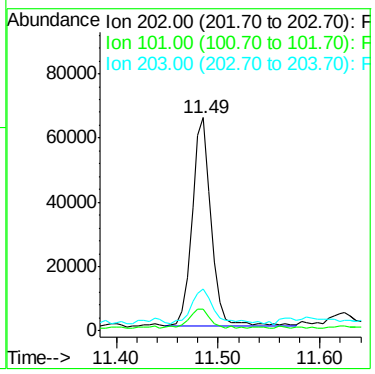


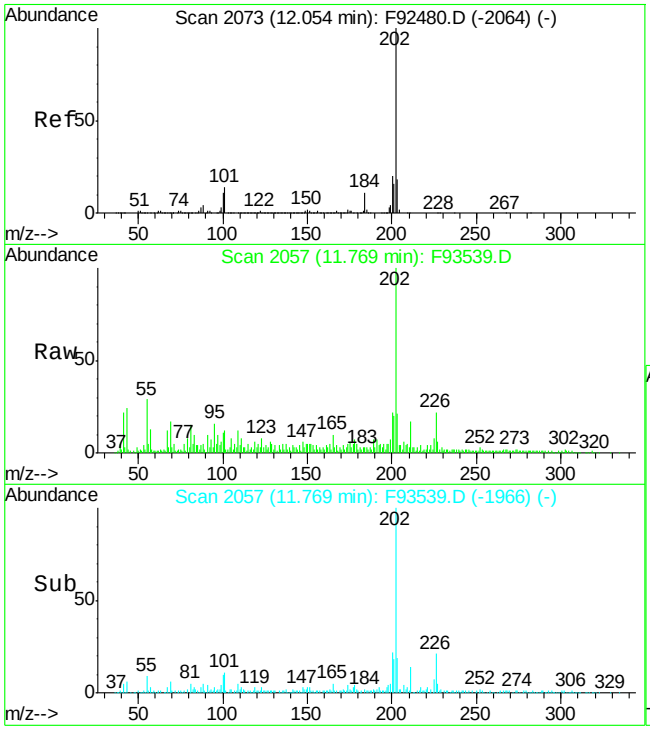


#81
Fluoranthene
Concen: 4.63 ppb
RT: 11.49 min Scan# 2004
Delta R.T. -0.02 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:202 Resp: 82813

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	42.9
203	15.8	0.0	47.8

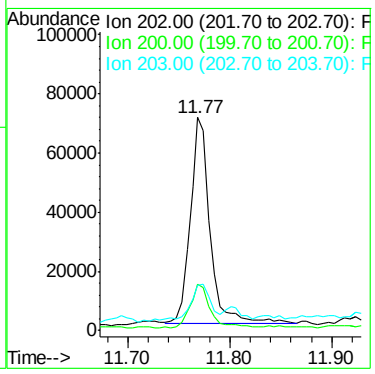


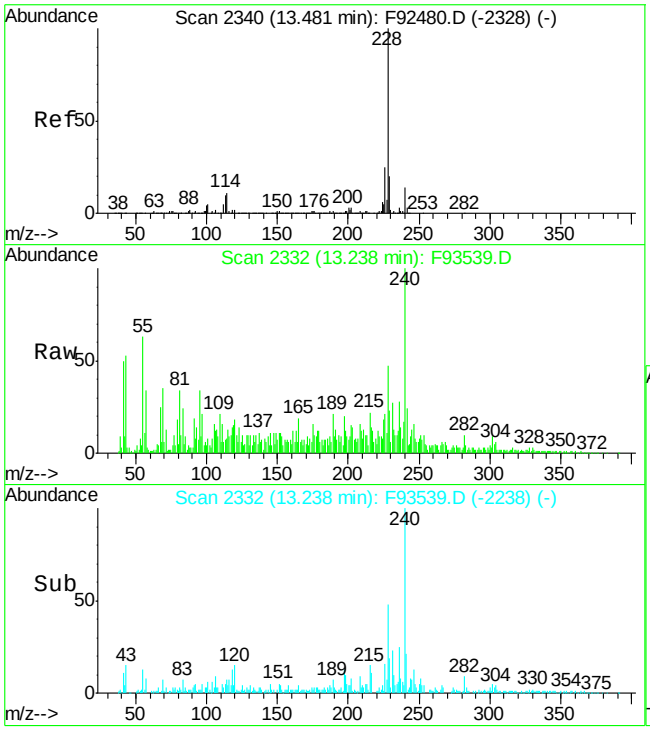


#84
Pyrene
Concen: 6.18 ppb
RT: 11.77 min Scan# 2057
Delta R.T. -0.02 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:202 Resp: 94121

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	49.9
203	15.9	0.0	47.5

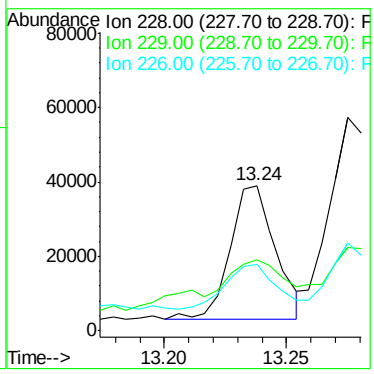


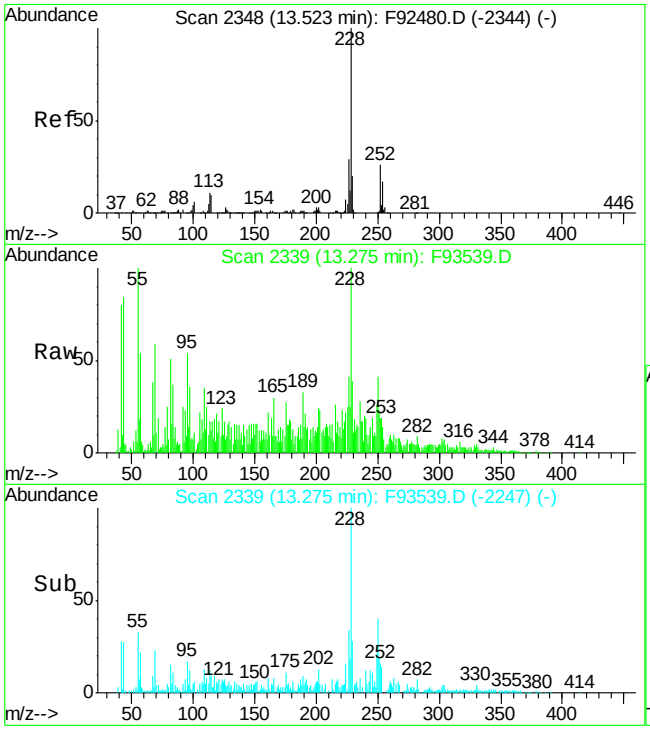


#88
Benzo[a]anthracene
Concen: 3.41 ppb
RT: 13.24 min Scan# 2332
Delta R.T. 0.00 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:228 Resp: 46644

Ion	Ratio	Lower	Upper
228	100		
229	26.1	0.0	50.1
226	33.2	0.0	55.4

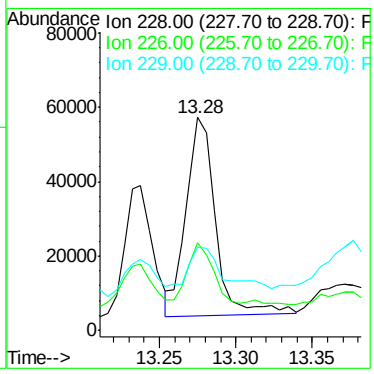


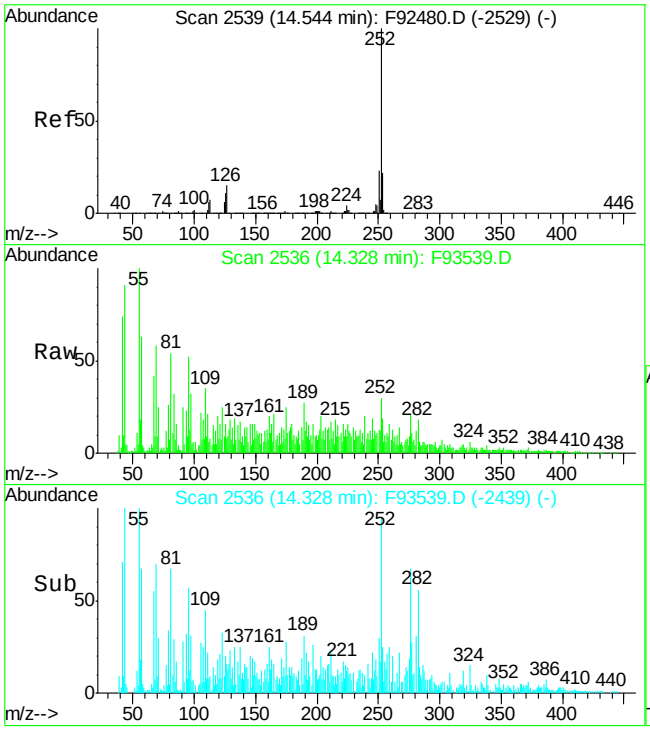


#90
Chrysene
Concen: 4.62 ppb
RT: 13.28 min Scan# 2339
Delta R.T. -0.01 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:228 Resp: 71717

Ion	Ratio	Lower	Upper
228	100		
226	32.1	0.0	59.0
229	20.9	0.0	50.2

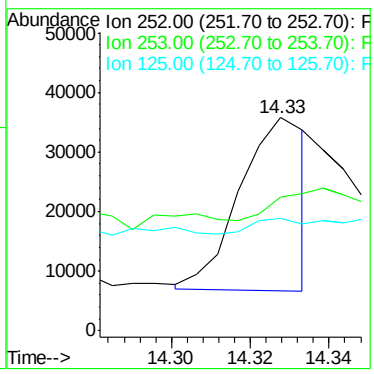


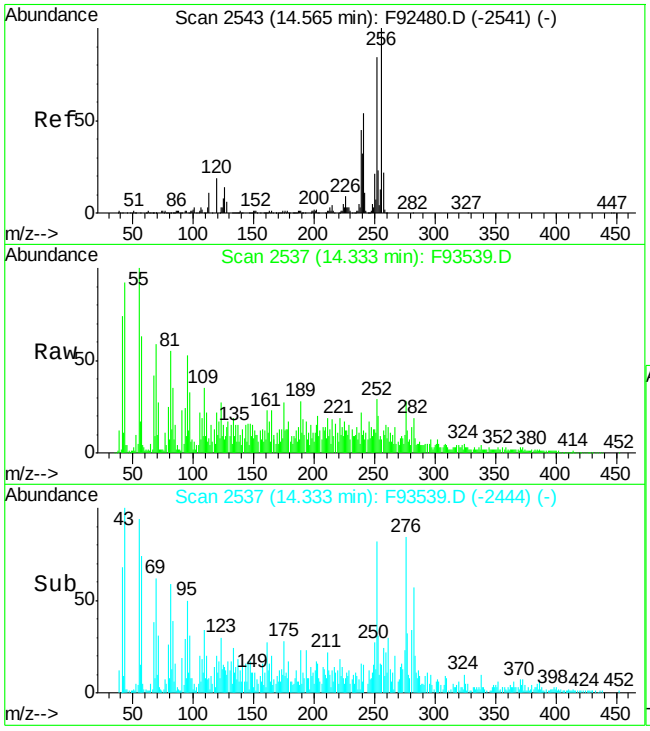


#94
Benzo[b]fluoranthene
Concen: 3.29 ppb m
RT: 14.33 min Scan# 2536
Delta R.T. 0.02 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:252 Resp: 33597

Ion	Ratio	Lower	Upper
252	100		
253	62.9	0.0	52.1#
125	52.7	0.0	39.6#

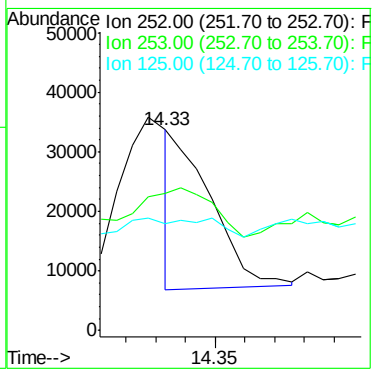


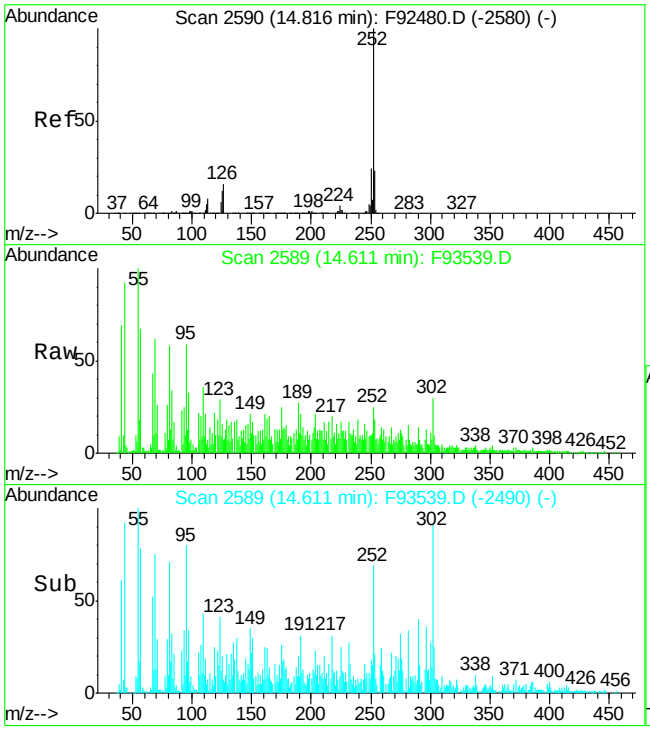


#95
Benzo[k]fluoranthene
Concen: 1.41 ppb m
RT: 14.33 min Scan# 2537
Delta R.T. -0.01 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:252 Resp: 23500

Ion	Ratio	Lower	Upper
252	100		
253	68.2	0.0	55.2#
125	53.1	0.0	41.3#

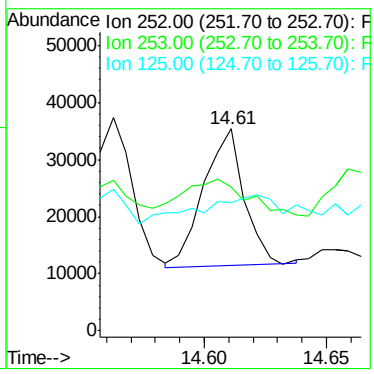


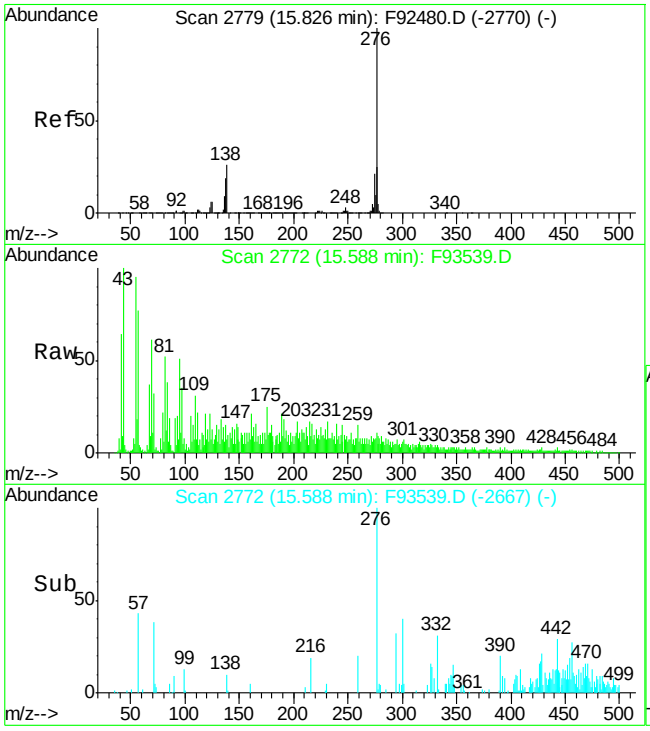


#96
Benzo[a]pyrene
Concen: 2.72 ppb
RT: 14.61 min Scan# 2589
Delta R.T. 0.03 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:252 Resp: 27531

Ion	Ratio	Lower	Upper
252	100		
253	17.1	0.0	52.7
125	5.0	0.0	41.5

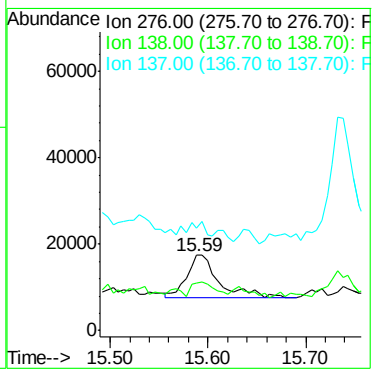


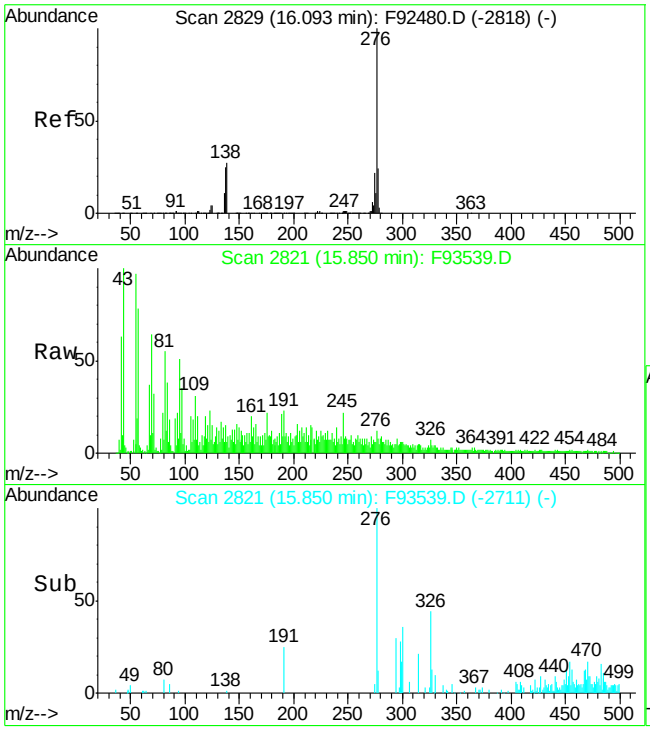


#97
Indeno[1,2,3-cd]pyrene
Concen: 2.03 ppb
RT: 15.59 min Scan# 2772
Delta R.T. 0.06 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:276 Resp: 22274

Ion	Ratio	Lower	Upper
276	100		
138	27.3	0.0	56.4
137	13.2	0.0	48.6

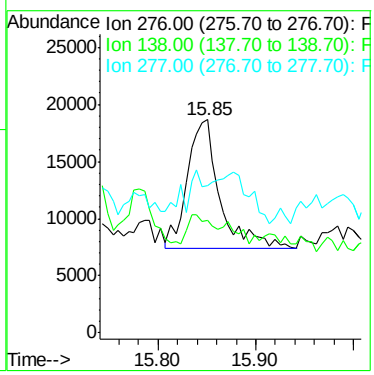




#101
Benzo[g,h,i]perylene
Concen: 2.67 ppb
RT: 15.85 min Scan# 2821
Delta R.T. 0.09 min
Lab File: F93539.D
Acq: 30 Nov 2010 8:18 am

Tgt Ion:276 Resp: 25875

Ion	Ratio	Lower	Upper
276	100		
138	16.5	0.0	57.1
277	19.7	0.0	53.7



8.1.1

8

Manual Integration Approval Summary

Sample Number:	JA62028-1	**Method:**	SW846 8270C
Lab FileID:	F93539.D	**Analyst approved:**	12/05/10 18:48 Cheng-Hwan Ao
Injection Time:	11/30/10 08:18	**Supervisor approved:**	12/05/10 18:49 Cheng-Hwan Ao

Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.33	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.33	Overlapping peak

Manual Integrations APPROVED (compounds with "m" flag)
Cheng-Hwan Ao
12/05/10 18:47

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93612.D Vial: 12
Acq On : 2 Dec 2010 12:07 pm Operator: ninap
Sample : ja62028-1cfi Inst : MSF
Misc : op46863,ef4373,35.0,,,,2 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 02 12:23:58 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 10:51:42 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

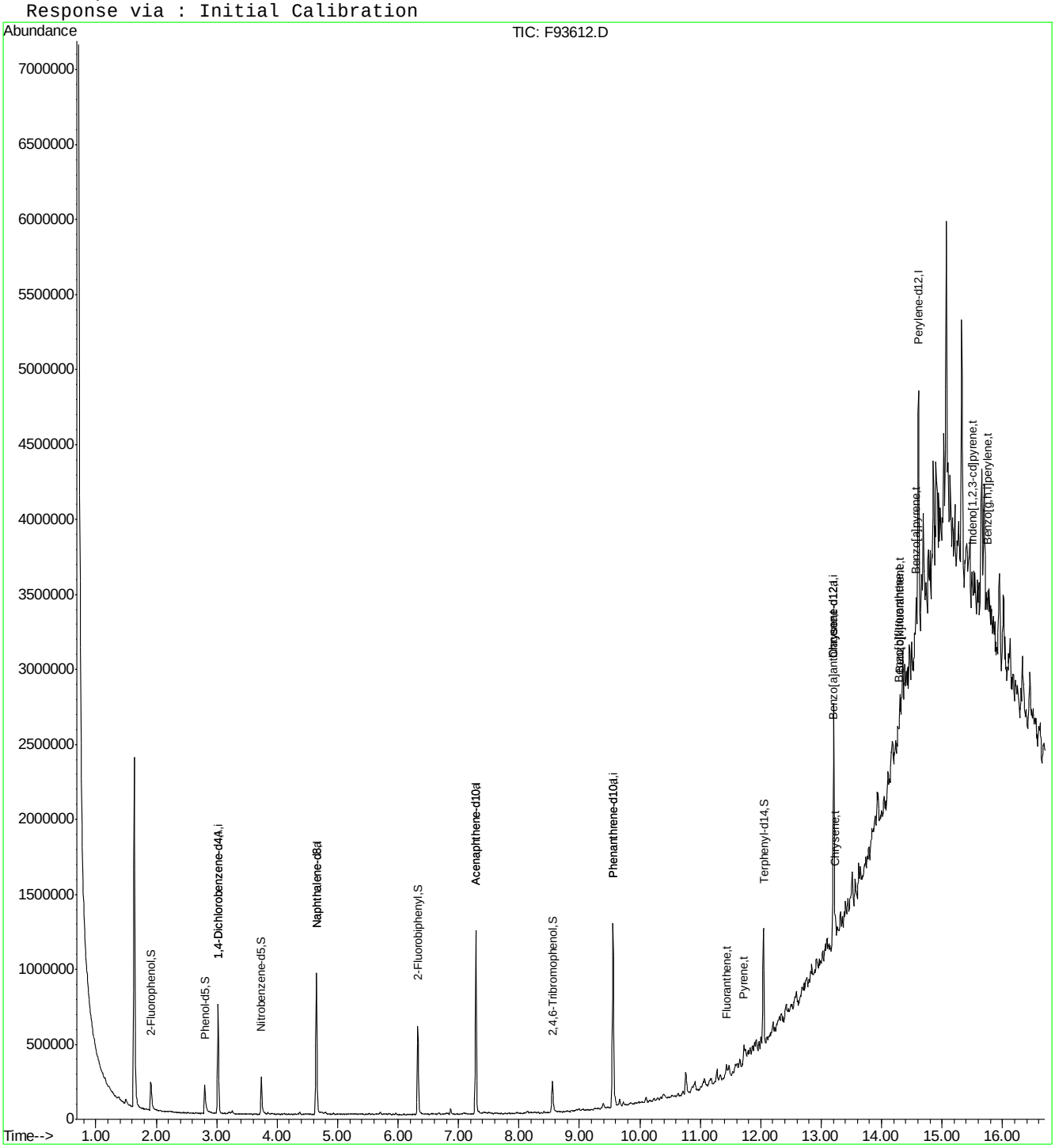
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.02	152	141490	40.00	ppb	0.00
24) Naphthalene-d8	4.65	136	535072	40.00	ppb	0.00
47) Acenaphthene-d10	7.29	164	390260	40.00	ppb	0.00
69) Phenanthrene-d10	9.56	188	687321	40.00	ppb	0.00
83) Chrysene-d12	13.21	240	700683	40.00	ppb	0.00
92) Perylene-d12	14.61	264	546897	40.00	ppb	0.02
102) 1,4-Dichlorobenzene-d4A	3.02	152	141490	40.00	ppb	0.00
104) Acenaphthene-d10a	7.29	164	390260	40.00	ppb	0.00
106) Phenanthrene-d10a	9.56	188	687321	40.00	ppb	0.00
108) Chrysene-d12a	13.21	240	700683	40.00	ppb	0.00
110) Naphthalene-d8a	4.65	136	535072	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	1.91	112	73043	15.83	ppb	0.00
Spiked Amount 50.000			Recovery = 31.66%			
8) Phenol-d5	2.80	99	102426	18.30	ppb	0.02
Spiked Amount 50.000			Recovery = 36.60%			
25) Nitrobenzene-d5	3.74	82	119275	22.57	ppb	0.00
Spiked Amount 50.000			Recovery = 45.14%			
51) 2-Fluorobiphenyl	6.33	172	239994	17.21	ppb	0.00
Spiked Amount 50.000			Recovery = 34.42%			
73) 2,4,6-Tribromophenol	8.55	330	33242	20.08	ppb	0.00
Spiked Amount 50.000			Recovery = 40.16%			
85) Terphenyl-d14	12.04	244	285211	20.04	ppb	0.00
Spiked Amount 50.000			Recovery = 40.08%			
Target Compounds						Qvalue
81) Fluoranthene	11.43	202	51638	2.25	ppb	90
84) Pyrene	11.72	202	59976	2.69	ppb	100
88) Benzo[a]anthracene	13.20	228	29265	1.46	ppb	78
90) Chrysene	13.23	228	43449	0.72	ppb	98
94) Benzo[b]fluoranthene	14.28	252	21732m	1.33	ppb	
95) Benzo[k]fluoranthene	14.29	252	13769m	0.21	ppb	
96) Benzo[a]pyrene	14.56	252	22591	1.39	ppb	91
97) Indeno[1,2,3-cd]pyrene	15.52	276	16094	0.91	ppb	81
101) Benzo[g,h,i]perylene	15.76	276	17892	1.15	ppb	87

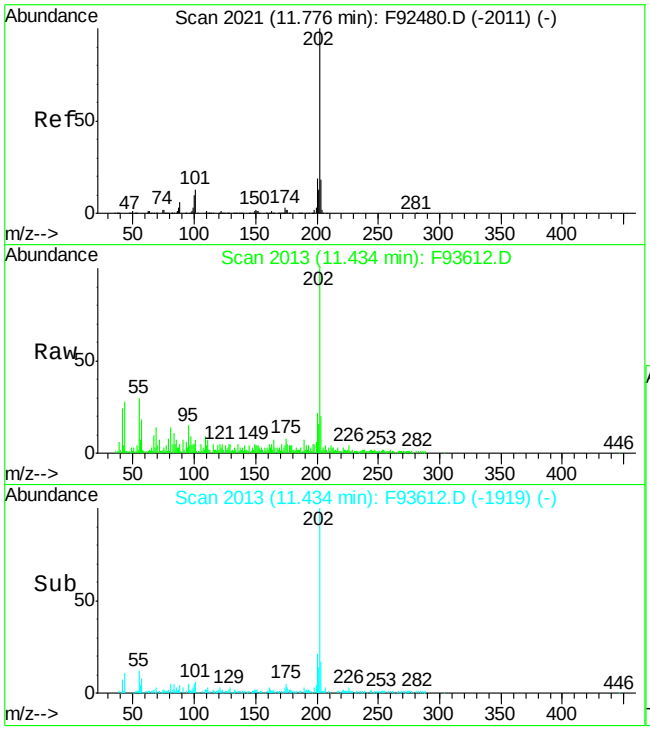
(#) = qualifier out of range (m) = manual integration (+) = signals summed
F93612.D MF4329.M Thu Dec 02 13:17:51 2010 GCMS3A Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93612.D Vial: 12
Acq On : 2 Dec 2010 12:07 pm Operator: ninap
Sample : ja62028-1cfi Inst : MSF
Misc : op46863,ef4373,35.0,,,,2 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 2 13:16 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 10:51:42 2010
Response via : Initial Calibration

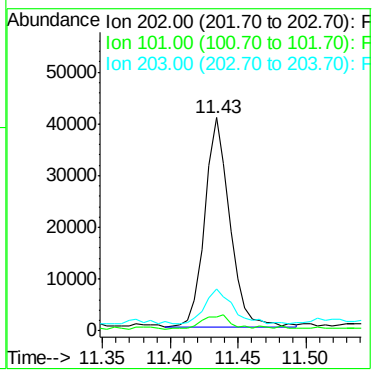


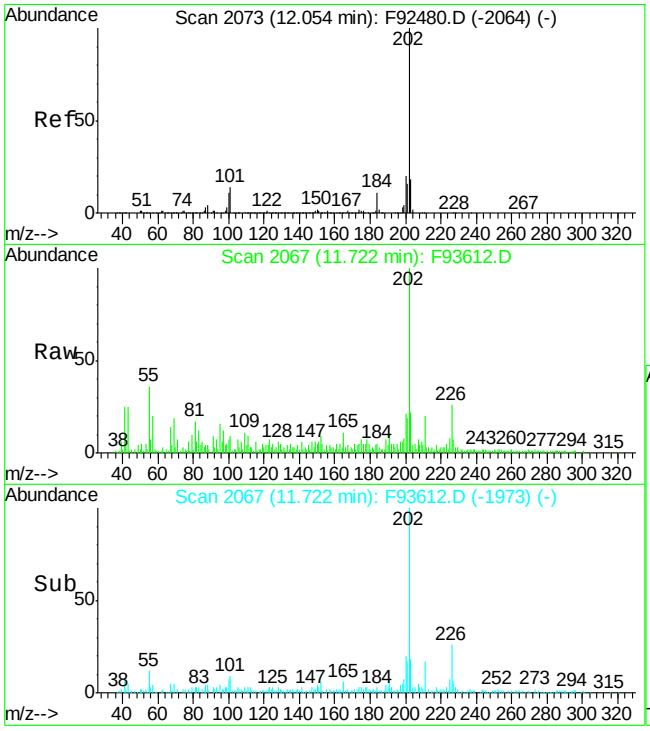


#81
Fluoranthene
Concen: 2.25 ppb
RT: 11.43 min Scan# 2013
Delta R.T. -0.00 min
Lab File: F93612.D
Acq: 2 Dec 2010 12:07 pm

Tgt Ion:202 Resp: 51638

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	42.9
203	16.2	0.0	47.8

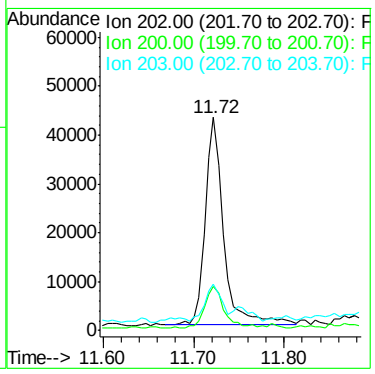


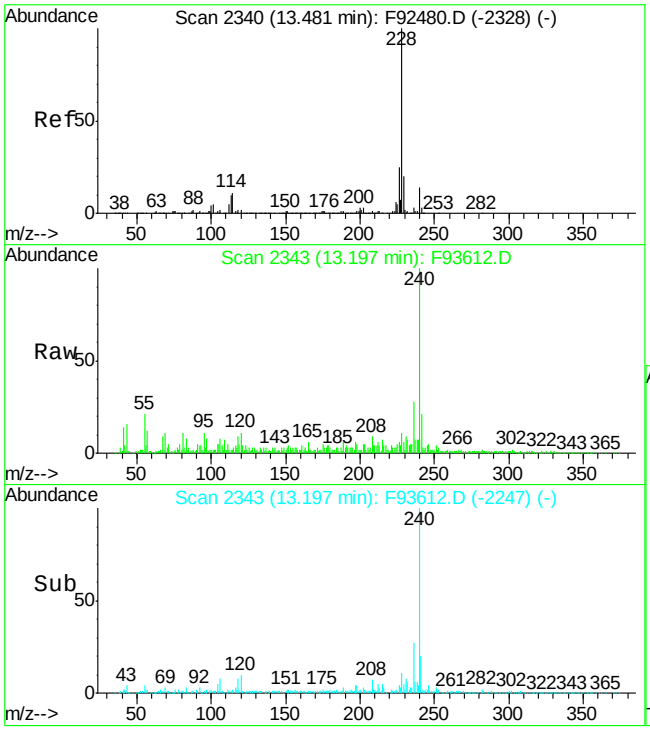


#84
Pyrene
Concen: 2.69 ppb
RT: 11.72 min Scan# 2067
Delta R.T. -0.00 min
Lab File: F93612.D
Acq: 2 Dec 2010 12:07 pm

Tgt Ion:202 Resp: 59976

Ion	Ratio	Lower	Upper
202	100		
200	19.7	0.0	49.9
203	17.3	0.0	47.5

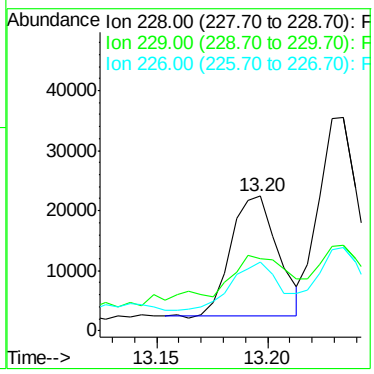


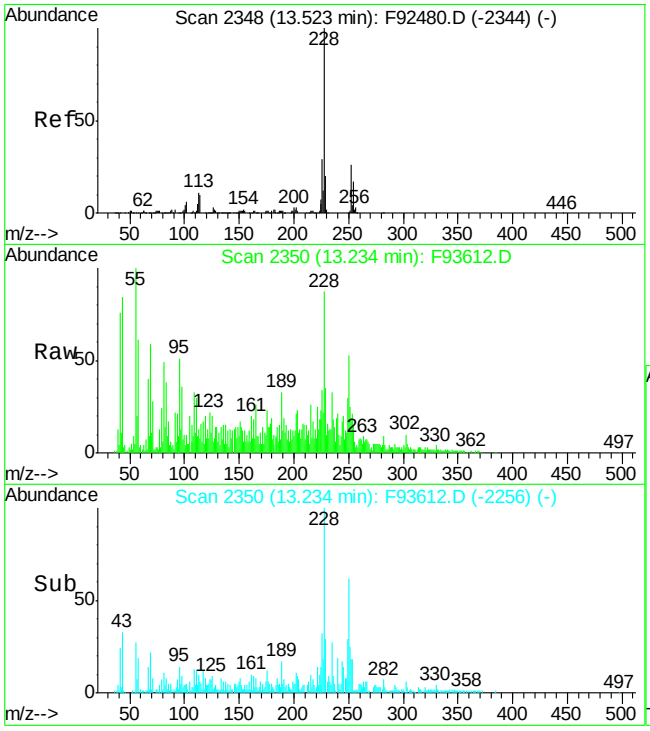


#88
Benzo[a]anthracene
Concen: 1.46 ppb
RT: 13.20 min Scan# 2343
Delta R.T. 0.01 min
Lab File: F93612.D
Acq: 2 Dec 2010 12:07 pm

Tgt Ion:228 Resp: 29265

Ion	Ratio	Lower	Upper
228	100		
229	29.3	0.0	50.1
226	37.8	0.0	55.4

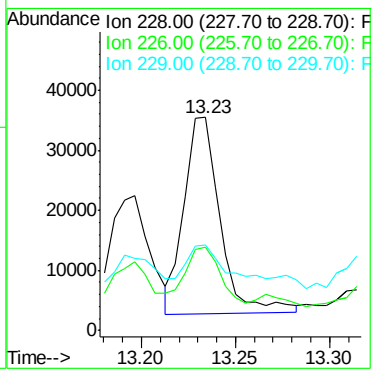


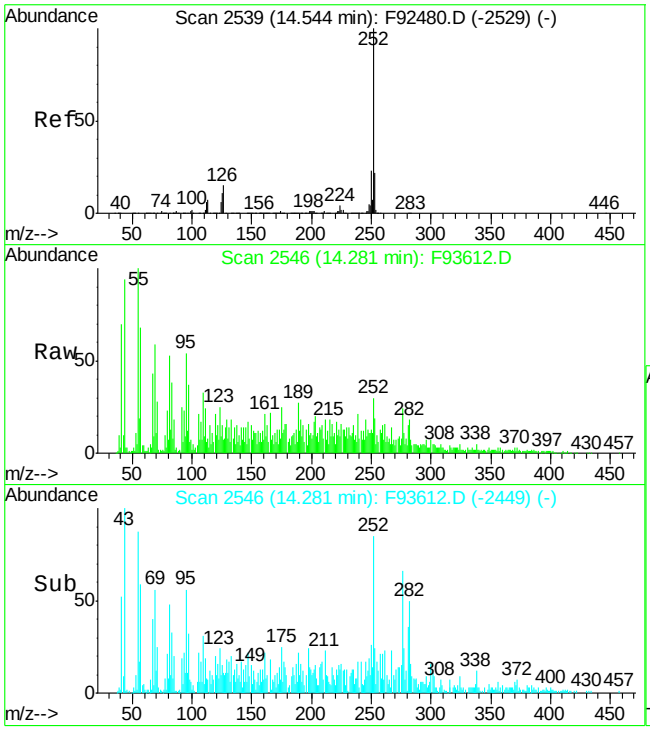


#90
Chrysene
Concen: 0.72 ppb
RT: 13.23 min Scan# 2350
Delta R.T. 0.00 min
Lab File: F93612.D
Acq: 2 Dec 2010 12:07 pm

Tgt Ion:228 Resp: 43449

Ion	Ratio	Lower	Upper
228	100		
226	28.4	0.0	59.0
229	19.0	0.0	50.2

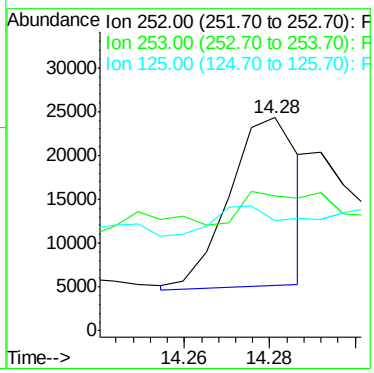


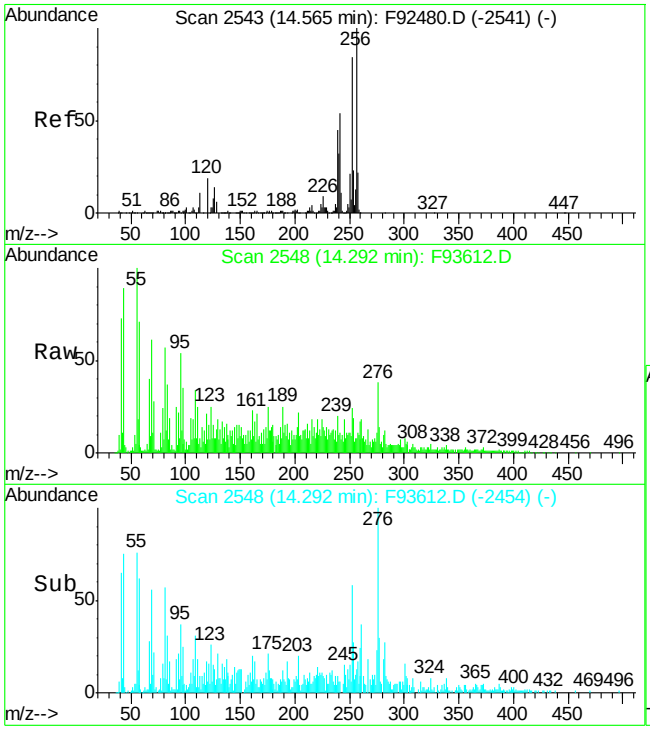


#94
Benzo[b]fluoranthene
Concen: 1.33 ppb m
RT: 14.28 min Scan# 2546
Delta R.T. 0.02 min
Lab File: F93612.D
Acq: 2 Dec 2010 12:07 pm

Tgt Ion:252 Resp: 21732

Ion	Ratio	Lower	Upper
252	100		
253	63.1	0.0	52.1#
125	51.5	0.0	39.6#

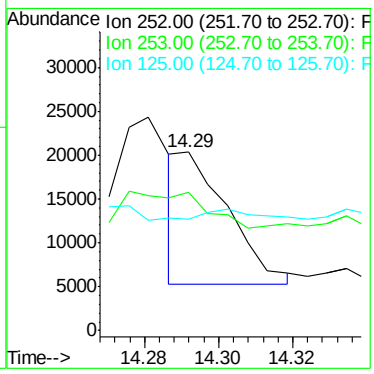


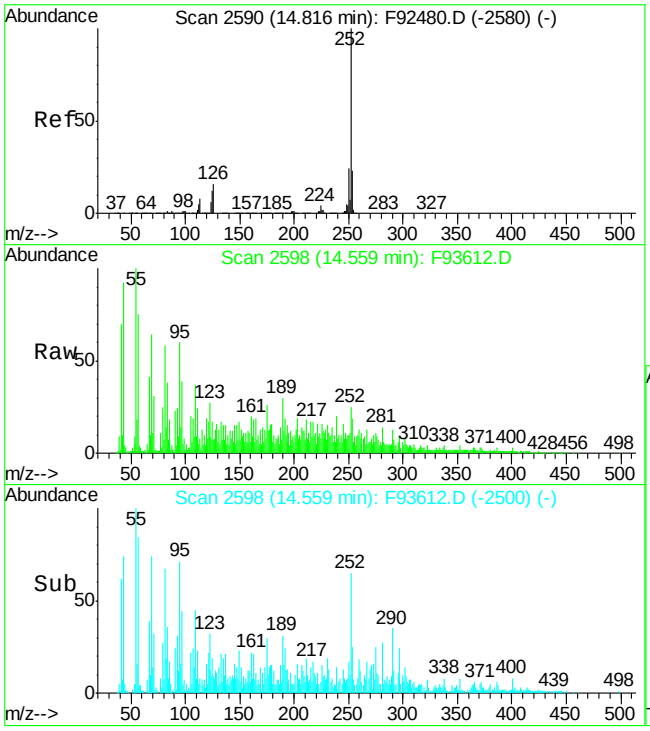


#95
Benzo[k]fluoranthene
Concen: 0.21 ppb m
RT: 14.29 min Scan# 2548
Delta R.T. 0.00 min
Lab File: F93612.D
Acq: 2 Dec 2010 12:07 pm

Tgt Ion:252 Resp: 13769

Ion	Ratio	Lower	Upper
252	100		
253	77.8	0.0	55.2#
125	62.7	0.0	41.3#

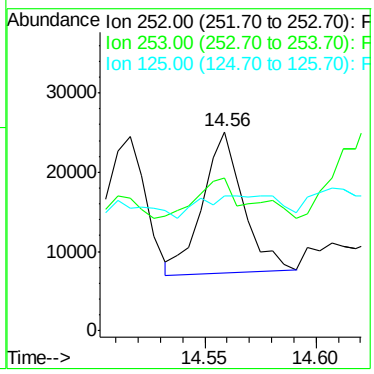


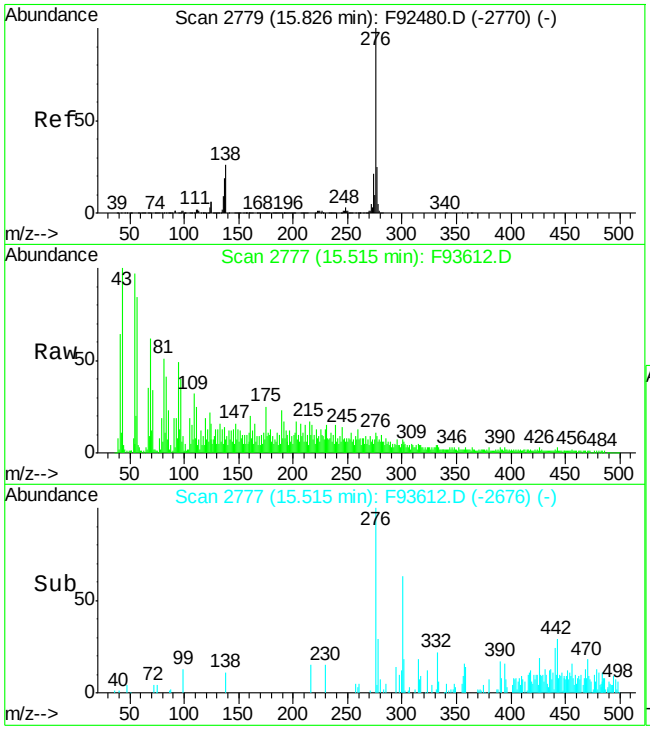


#96
Benzo[a]pyrene
Concen: 1.39 ppb
RT: 14.56 min Scan# 2598
Delta R.T. 0.02 min
Lab File: F93612.D
Acq: 2 Dec 2010 12:07 pm

Tgt Ion:252 Resp: 22591

Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	52.7
125	11.6	0.0	41.5

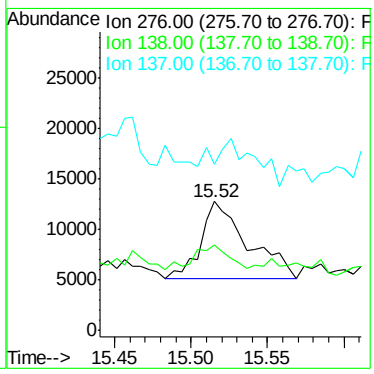


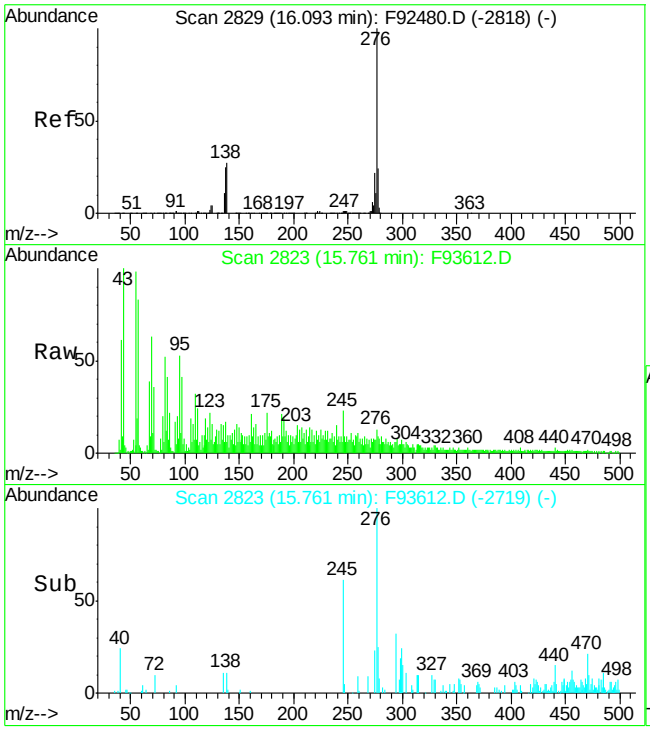


#97
Indeno[1,2,3-cd]pyrene
Concen: 0.91 ppb
RT: 15.52 min Scan# 2777
Delta R.T. 0.04 min
Lab File: F93612.D
Acq: 2 Dec 2010 12:07 pm

Tgt Ion:276 Resp: 16094

Ion	Ratio	Lower	Upper
276	100		
138	28.0	0.0	56.4
137	0.0	0.0	48.6

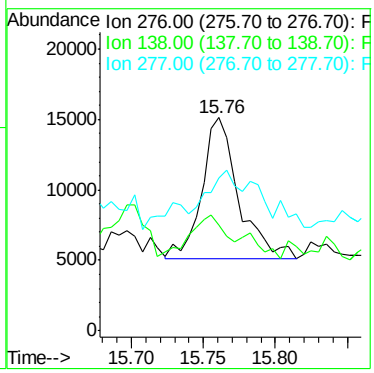




#101
Benzo[g,h,i]perylene
Concen: 1.15 ppb
RT: 15.76 min Scan# 2823
Delta R.T. 0.05 min
Lab File: F93612.D
Acq: 2 Dec 2010 12:07 pm

Tgt Ion:276 Resp: 17892

Ion	Ratio	Lower	Upper
276	100		
138	17.2	0.0	57.1
277	26.7	0.0	53.7



Manual Integration Approval Summary

Sample Number:	JA62028-1	**Method:**	SW846 8270C
Lab FileID:	F93612.D	**Analyst approved:**	12/02/10 13:31 Nina Pandya
Injection Time:	12/02/10 12:07	**Supervisor approved:**	12/05/10 18:47 Cheng-Hwan Ao

Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.28	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.29	Overlapping peak

Manual Integrations APPROVED (compounds with "m" flag)
Cheng-Hwan Ao
12/05/10 18:47

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93611.D Vial: 11
Acq On : 2 Dec 2010 11:42 am Operator: ninap
Sample : ja62028-2 Inst : MSF
Misc : op46863,ef4373,35.2,,,,2 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 02 11:59:44 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 10:51:42 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

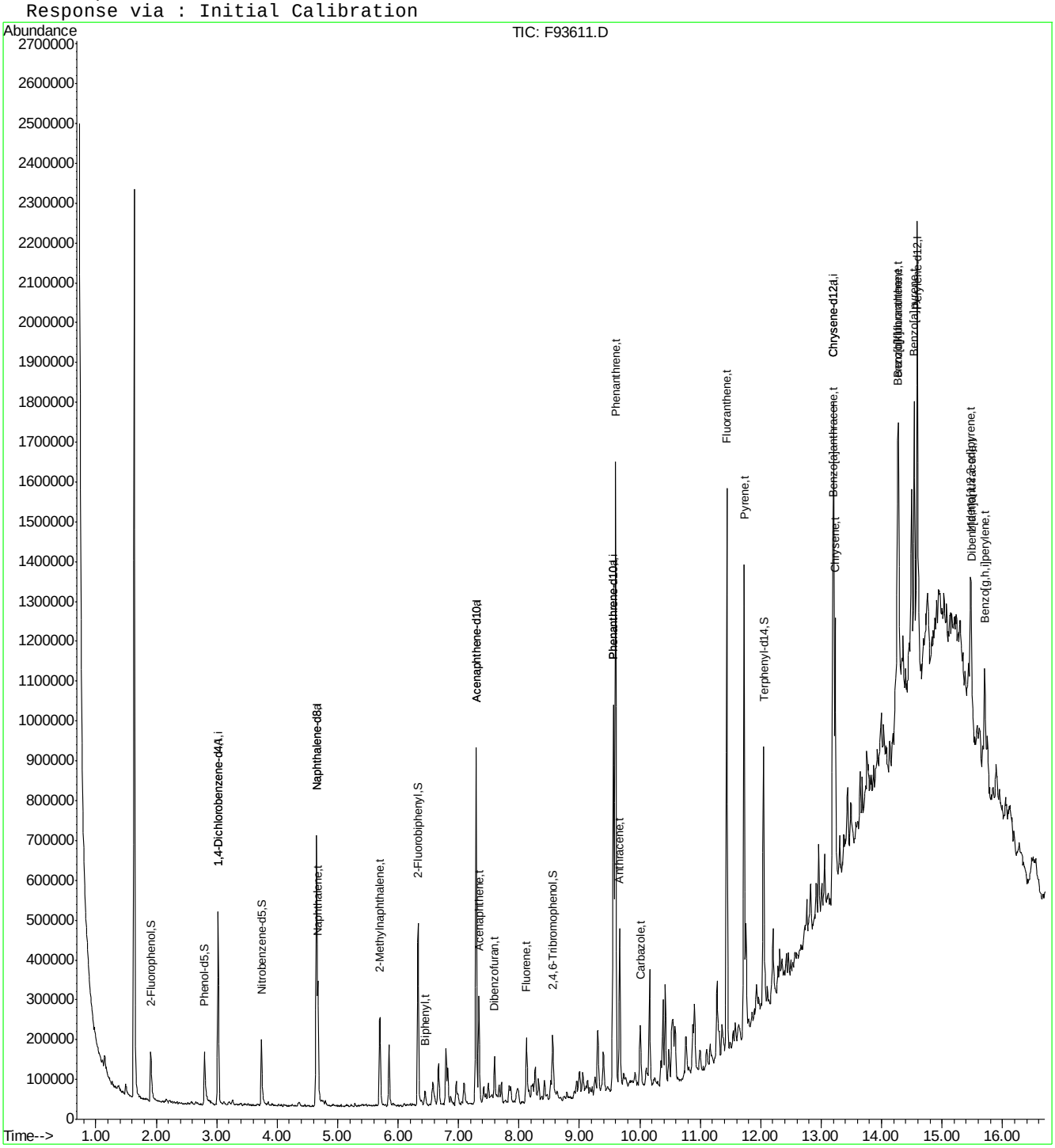
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.02	152	94263	40.00	ppb	0.00
24) Naphthalene-d8	4.65	136	362209	40.00	ppb	0.00
47) Acenaphthene-d10	7.29	164	286868	40.00	ppb	0.00
69) Phenanthrene-d10	9.56	188	538752	40.00	ppb	0.00
83) Chrysene-d12	13.21	240	486961	40.00	ppb	0.00
92) Perylene-d12	14.59	264	390733	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.02	152	94263	40.00	ppb	0.00
104) Acenaphthene-d10a	7.29	164	286868	40.00	ppb	0.00
106) Phenanthrene-d10a	9.56	188	538752	40.00	ppb	0.00
108) Chrysene-d12a	13.21	240	486961	40.00	ppb	0.00
110) Naphthalene-d8a	4.65	136	362209	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	1.91	112	42610	13.86	ppb	0.00
Spiked Amount 50.000			Recovery = 27.72%			
8) Phenol-d5	2.80	99	65012	17.43	ppb	0.02
Spiked Amount 50.000			Recovery = 34.86%			
25) Nitrobenzene-d5	3.74	82	80439	22.48	ppb	0.00
Spiked Amount 50.000			Recovery = 44.96%			
51) 2-Fluorobiphenyl	6.33	172	185139	18.06	ppb	0.00
Spiked Amount 50.000			Recovery = 36.12%			
73) 2,4,6-Tribromophenol	8.56	330	26477	20.40	ppb	0.00
Spiked Amount 50.000			Recovery = 40.80%			
85) Terphenyl-d14	12.05	244	237757	24.04	ppb	0.00
Spiked Amount 50.000			Recovery = 48.08%			
Target Compounds						Qvalue
38) Naphthalene	4.68	128	162164	16.35	ppb	98
44) 2-Methylnaphthalene	5.70	142	83702	11.76	ppb	90
53) Biphenyl	6.45	154	14817	1.43	ppb	92
59) Acenaphthene	7.34	153	87432	10.70	ppb	92
62) Dibenzofuran	7.60	168	62243	5.17	ppb	80
66) Fluorene	8.13	166	65175	6.55	ppb	90
77) Phenanthrene	9.60	178	900187	65.89	ppb	99
78) Anthracene	9.67	178	224893	15.11	ppb	95
79) Carbazole	10.01	167	104665	7.09	ppb	91
81) Fluoranthene	11.44	202	844340	46.87	ppb	93
84) Pyrene	11.73	202	705797	45.58	ppb	98
88) Benzo[a]anthracene	13.19	228	325587	23.38	ppb	94
90) Chrysene	13.23	228	285486	24.05	ppb	98
94) Benzo[b]fluoranthene	14.26	252	288866m	24.66	ppb	
95) Benzo[k]fluoranthene	14.28	252	172945m	12.10	ppb	
96) Benzo[a]pyrene	14.54	252	229426	19.76	ppb	93
97) Indeno[1,2,3-cd]pyrene	15.48	276	148111	11.74	ppb	78
99) Dibenz[a,h]anthracene	15.49	278	56485	5.51	ppb	87
101) Benzo[g,h,i]perylene	15.71	276	125558	11.26	ppb	87

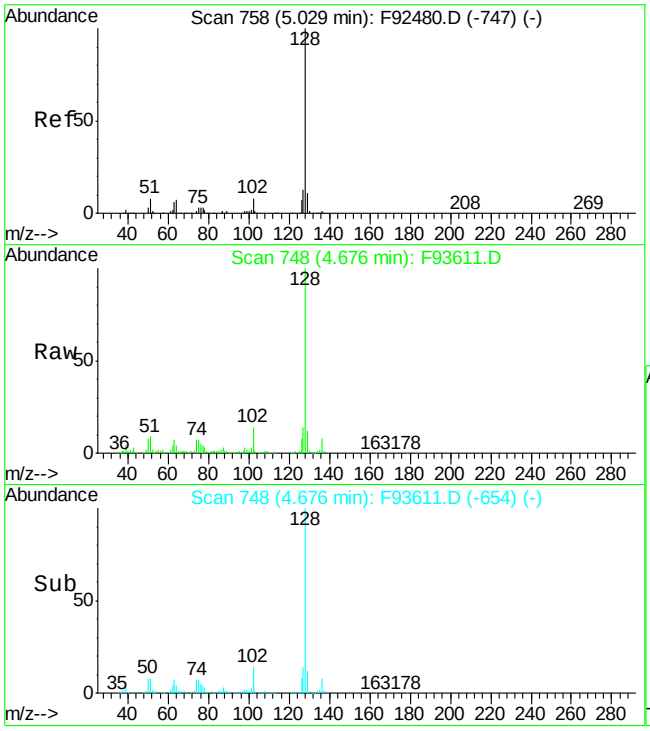
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93611.D Vial: 11
Acq On : 2 Dec 2010 11:42 am Operator: ninap
Sample : ja62028-2 Inst : MSF
Misc : op46863,ef4373,35.2,,,,2 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 2 13:12 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 10:51:42 2010
Response via : Initial Calibration

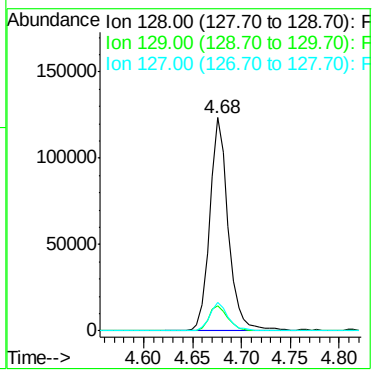


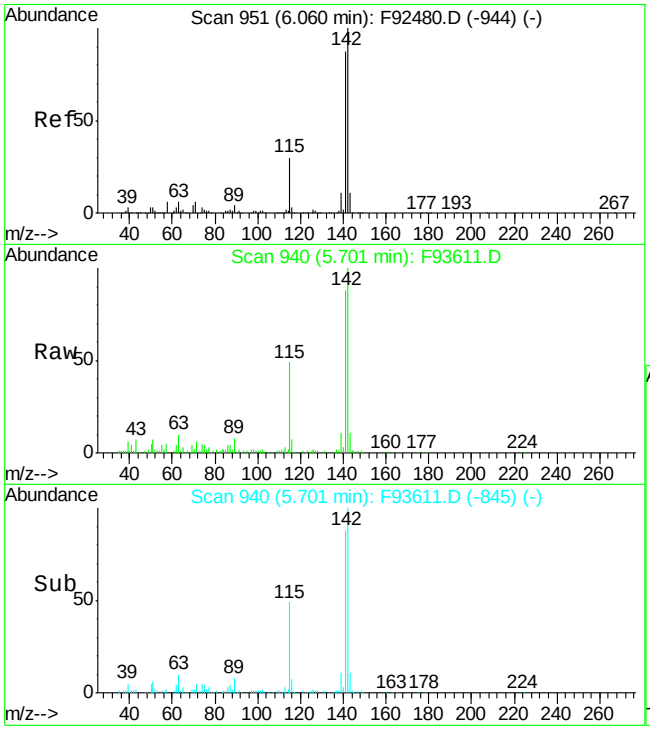


#38
Naphthalene
Concen: 16.35 ppb
RT: 4.68 min Scan# 748
Delta R.T. -0.00 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:128 Resp: 162164

Ion	Ratio	Lower	Upper
128	100		
129	11.6	0.0	40.9
127	13.5	0.0	42.8

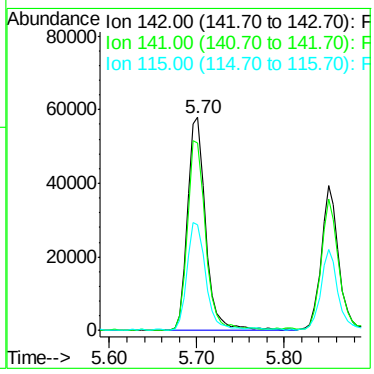


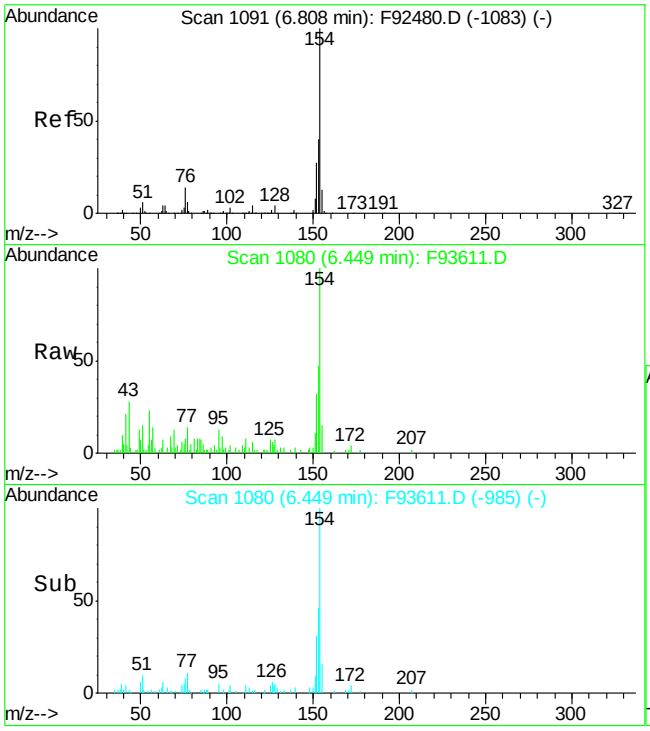


#44
2-Methylnaphthalene
Concen: 11.76 ppb
RT: 5.70 min Scan# 940
Delta R.T. 0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:142 Resp: 83702

Ion	Ratio	Lower	Upper
142	100		
141	88.0	56.2	116.2
115	49.0	0.1	60.1

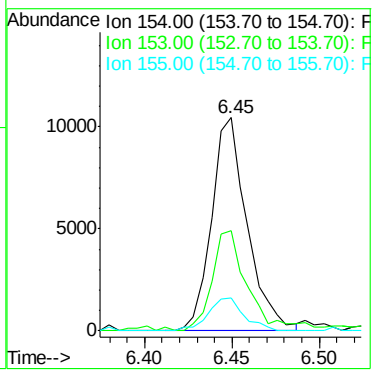


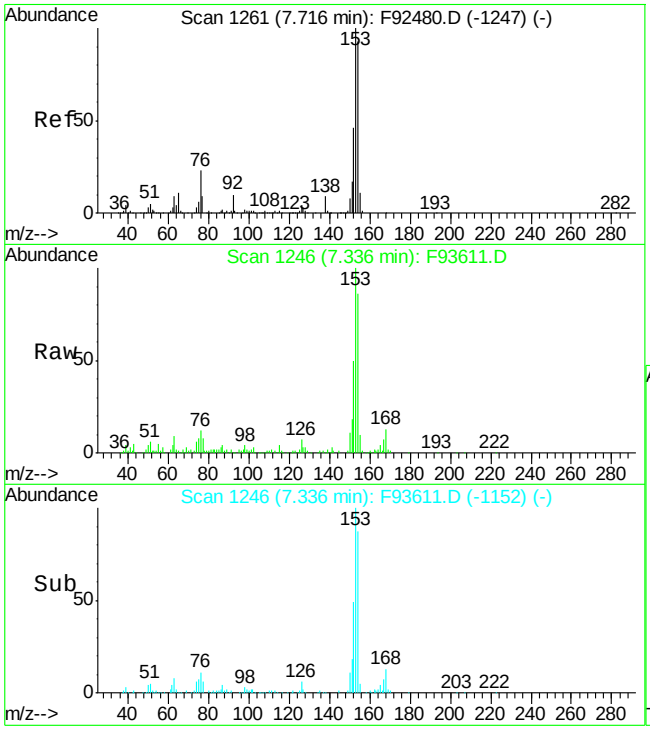


#53
Biphenyl
Concen: 1.43 ppb
RT: 6.45 min Scan# 1080
Delta R.T. 0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:154 Resp: 14817

Ion	Ratio	Lower	Upper
154	100		
153	45.0	9.6	69.6
155	15.6	0.0	43.2

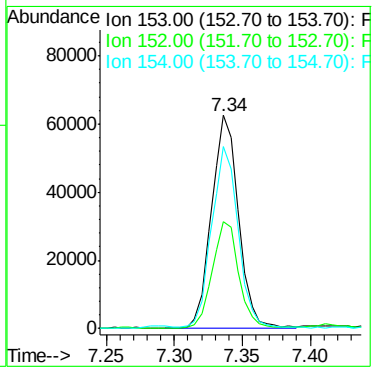


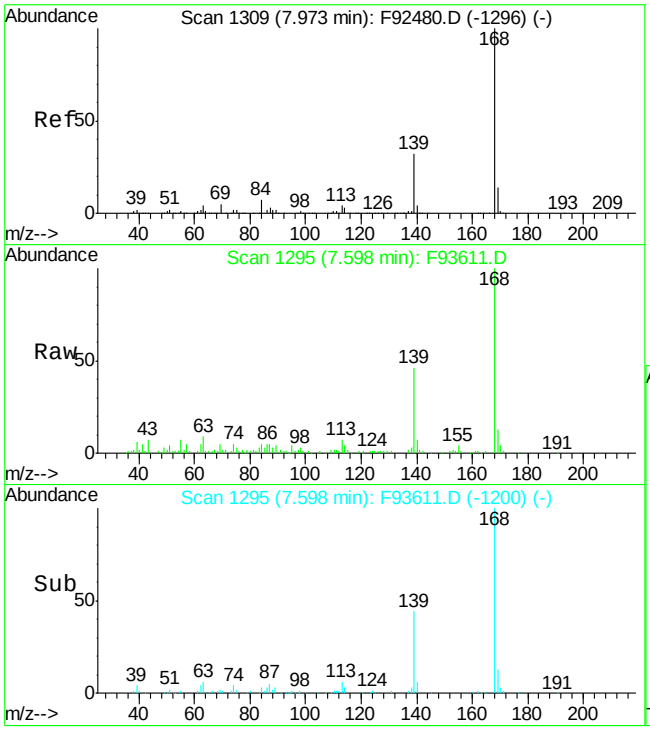


#59
Acenaphthene
Concen: 10.70 ppb
RT: 7.34 min Scan# 1246
Delta R.T. -0.00 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:153 Resp: 87432

Ion	Ratio	Lower	Upper
153	100		
152	49.9	16.4	76.4
154	84.9	63.2	123.2

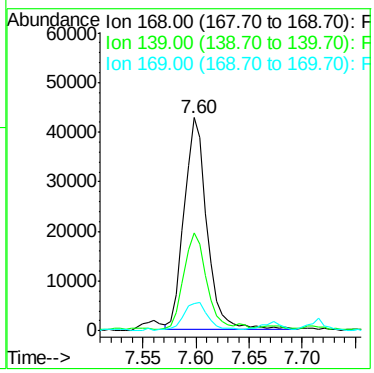


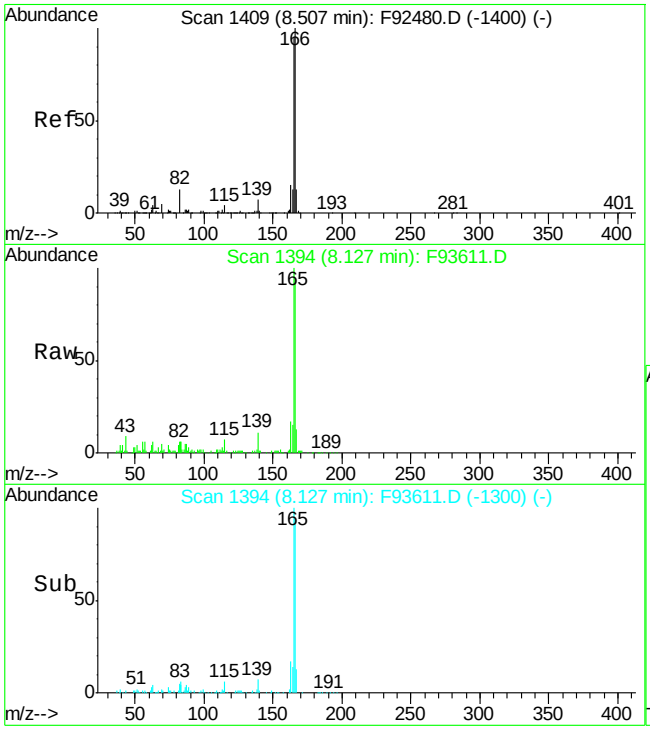


#62
Dibenzofuran
Concen: 5.17 ppb
RT: 7.60 min Scan# 1295
Delta R.T. 0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:168 Resp: 62243

Ion	Ratio	Lower	Upper
168	100		
139	45.4	0.2	60.2
169	12.2	0.0	43.7

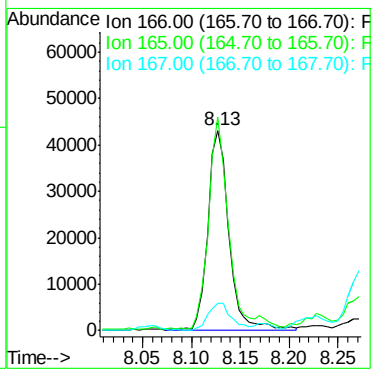


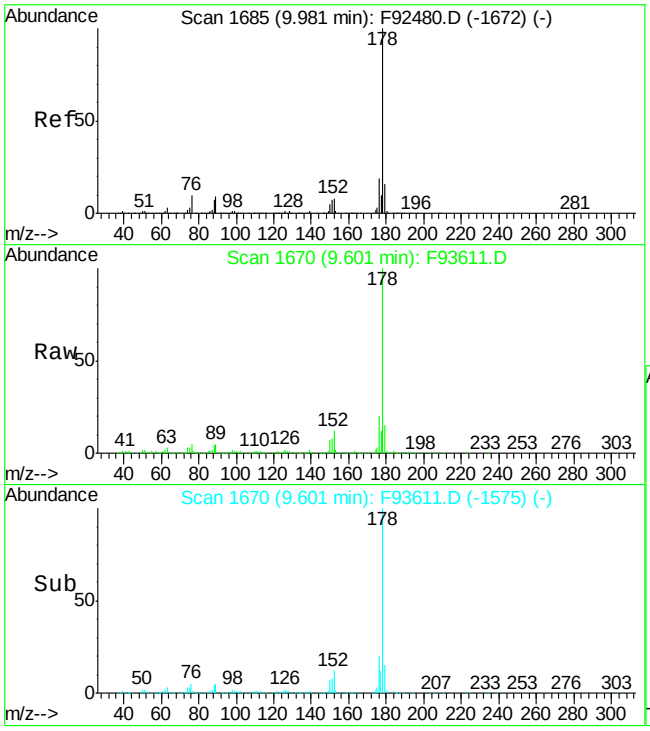


#66
Fluorene
Concen: 6.55 ppb
RT: 8.13 min Scan# 1394
Delta R.T. -0.00 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:166 Resp: 65175

Ion	Ratio	Lower	Upper
166	100		
165	105.1	64.5	124.5
167	11.1	0.0	43.4

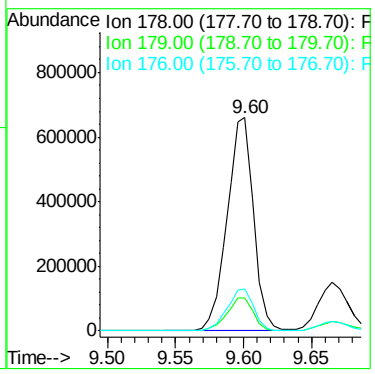


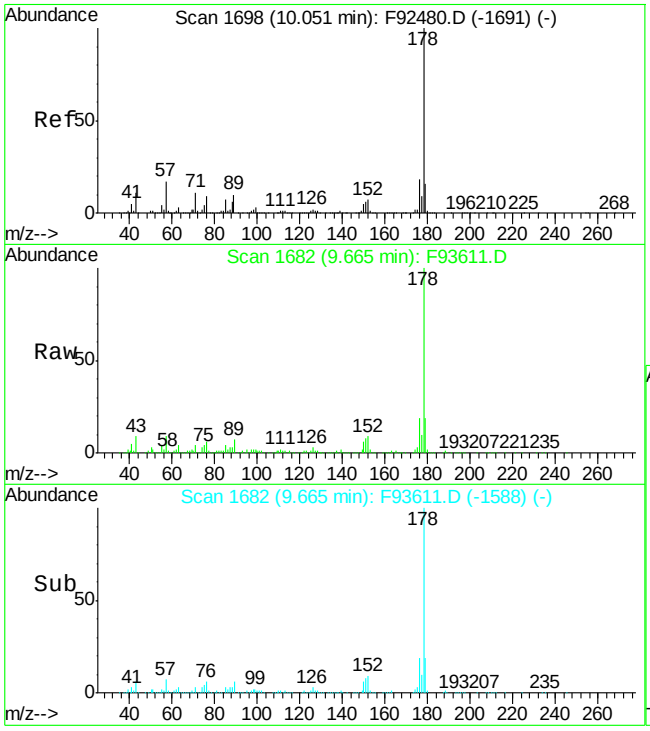


#77
Phenanthrene
Concen: 65.89 ppb
RT: 9.60 min Scan# 1670
Delta R.T. 0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:178 Resp: 900187

Ion	Ratio	Lower	Upper
178	100		
179	15.4	0.0	45.7
176	19.5	0.0	48.7

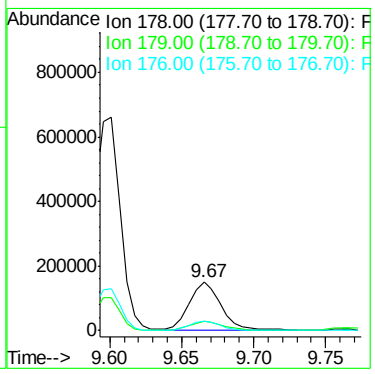


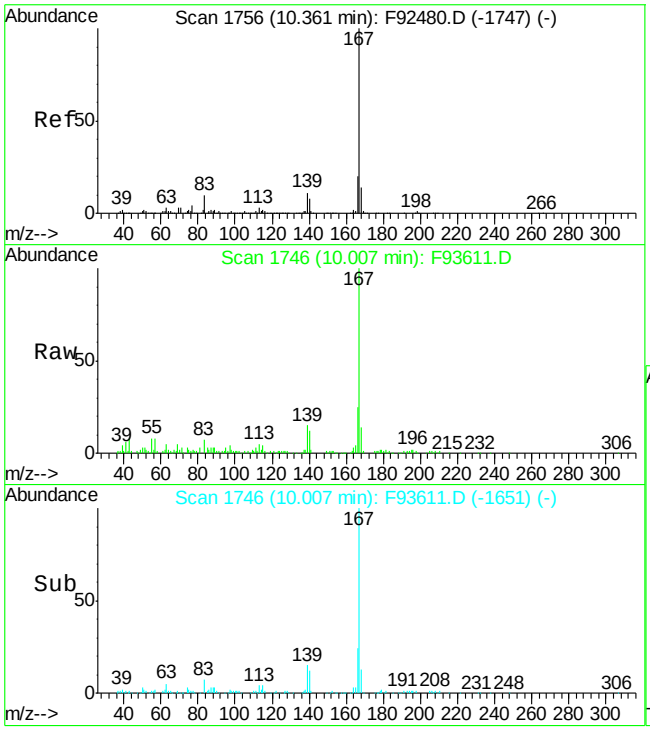


#78
Anthracene
Concen: 15.11 ppb
RT: 9.67 min Scan# 1682
Delta R.T. -0.00 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:178 Resp: 224893

Ion	Ratio	Lower	Upper
178	100		
179	18.8	0.0	45.5
176	18.9	0.0	48.1

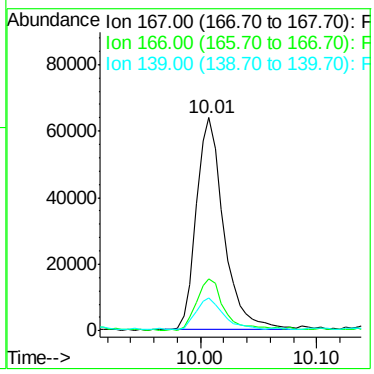


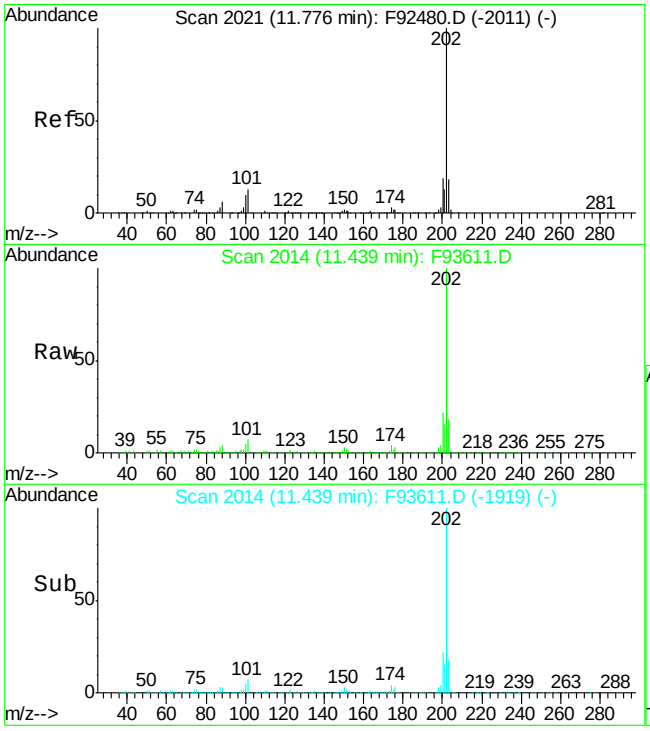


#79
Carbazole
Concen: 7.09 ppb
RT: 10.01 min Scan# 1746
Delta R.T. 0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:167 Resp: 104665

Ion	Ratio	Lower	Upper
167	100		
166	24.3	0.0	50.2
139	14.7	0.0	41.3

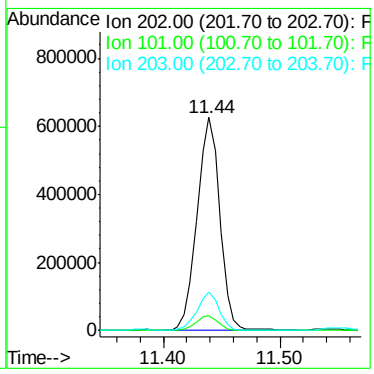


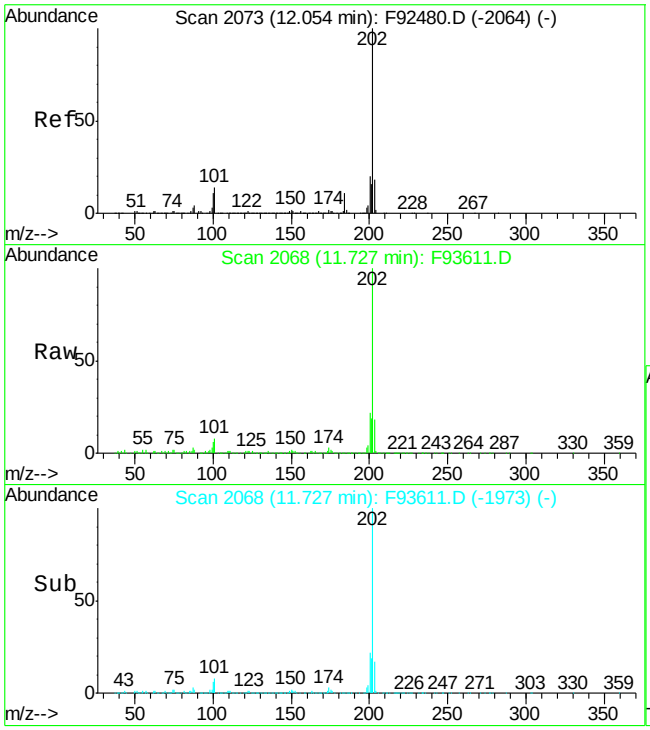


#81
Fluoranthene
Concen: 46.87 ppb
RT: 11.44 min Scan# 2014
Delta R.T. 0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:202 Resp: 844340

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	42.9
203	18.1	0.0	47.8

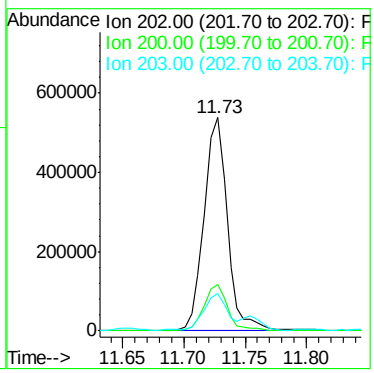


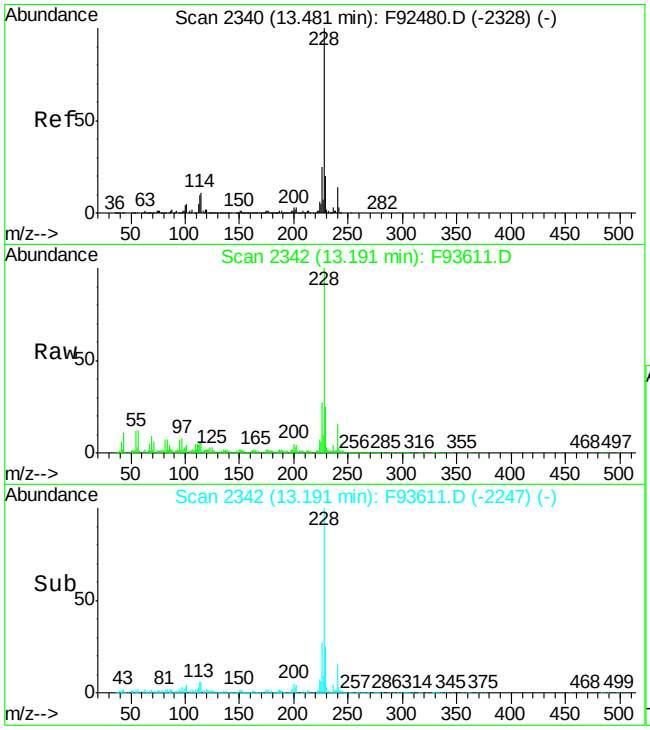


#84
Pyrene
Concen: 45.58 ppb
RT: 11.73 min Scan# 2068
Delta R.T. 0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:202 Resp: 705797

Ion	Ratio	Lower	Upper
202	100		
200	21.5	0.0	49.9
203	17.1	0.0	47.5

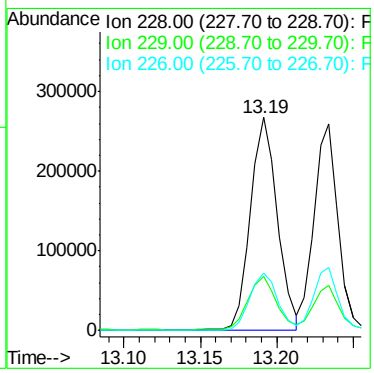


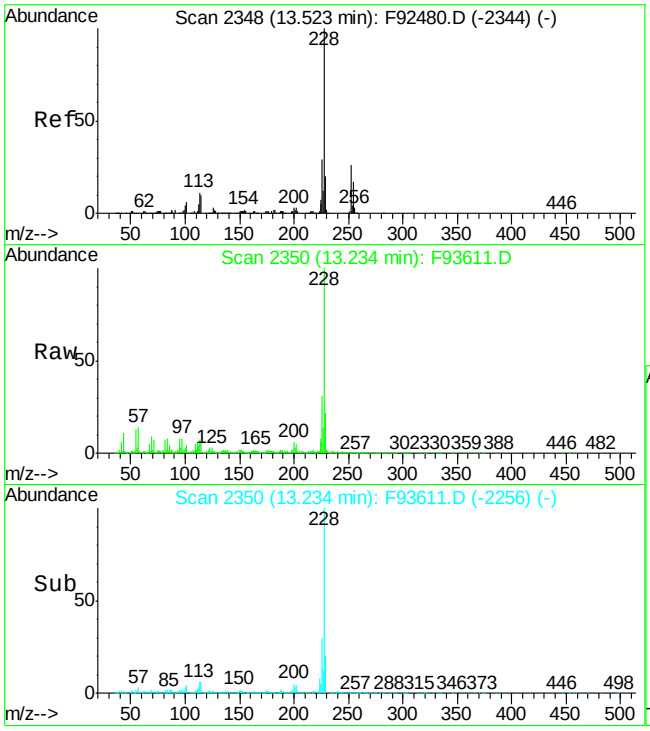


#88
Benzo[a]anthracene
Concen: 23.38 ppb
RT: 13.19 min Scan# 2342
Delta R.T. 0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:228 Resp: 325587

Ion	Ratio	Lower	Upper
228	100		
229	24.8	0.0	50.1
226	26.6	0.0	55.4

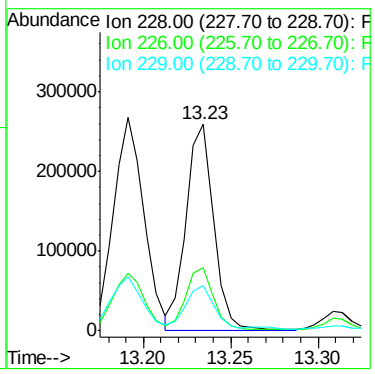


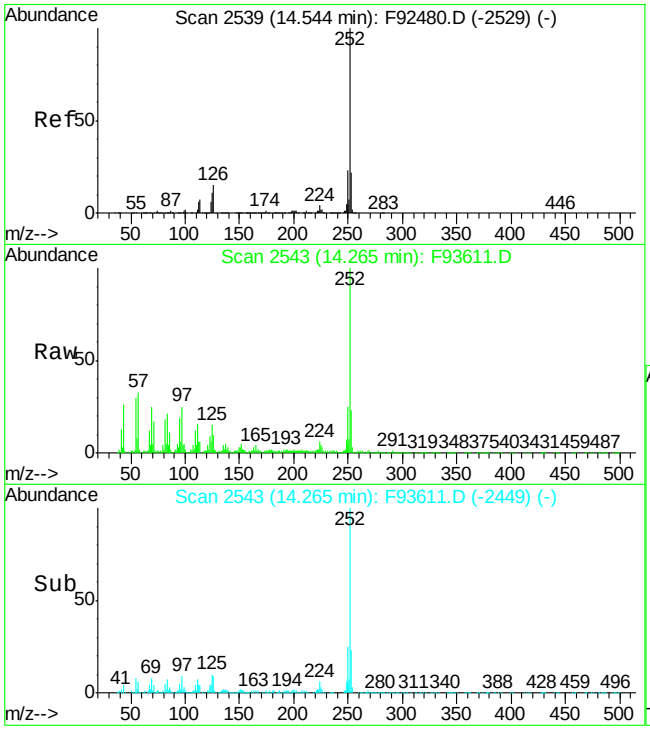


#90
Chrysene
Concen: 24.05 ppb
RT: 13.23 min Scan# 2350
Delta R.T. -0.00 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:228 Resp: 285486

Ion	Ratio	Lower	Upper
228	100		
226	30.6	0.0	59.0
229	20.6	0.0	50.2

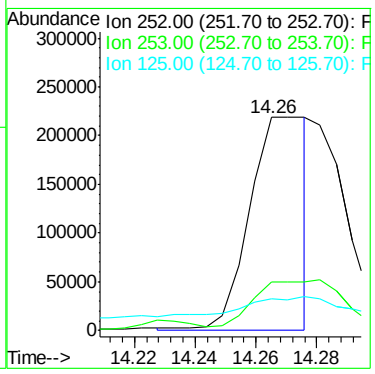


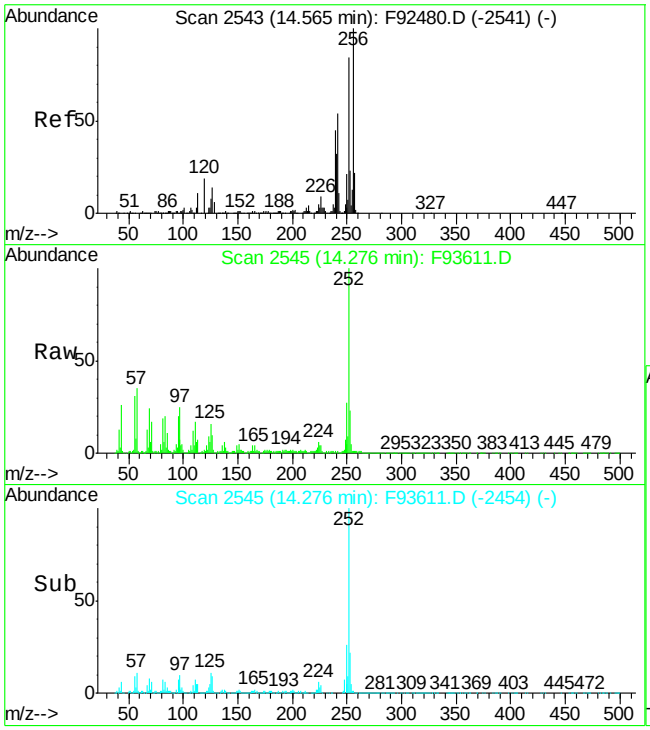


#94
Benzo[b]fluoranthene
Concen: 24.66 ppb m
RT: 14.26 min Scan# 2543
Delta R.T. -0.00 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:252 Resp: 288866

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	52.1
125	14.8	0.0	39.6

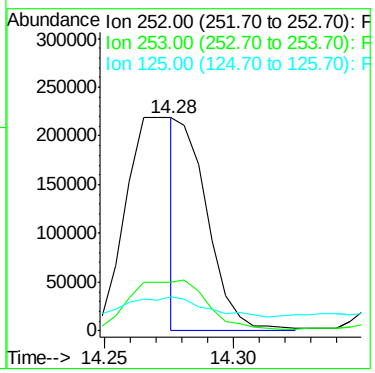


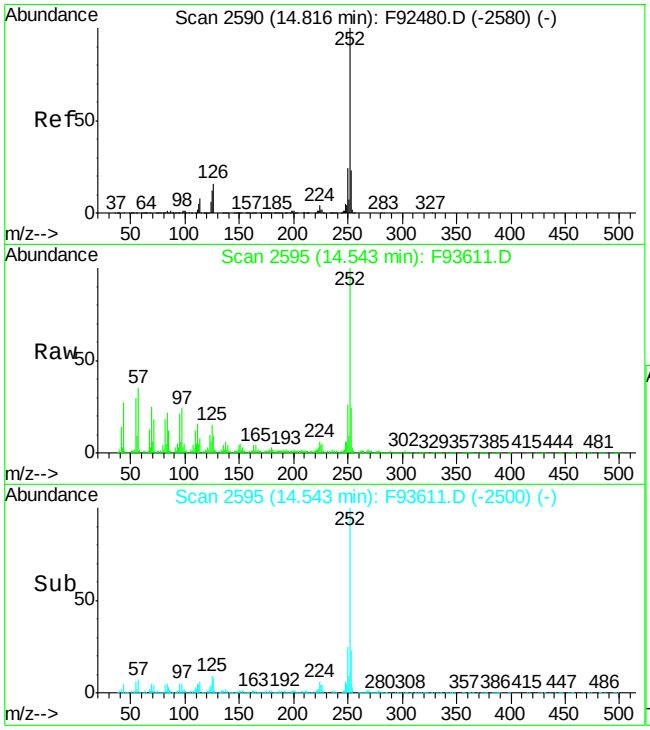


#95
Benzo[k]fluoranthene
Concen: 12.10 ppb m
RT: 14.28 min Scan# 2545
Delta R.T. -0.02 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:252 Resp: 172945

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	55.2
125	15.8	0.0	41.3

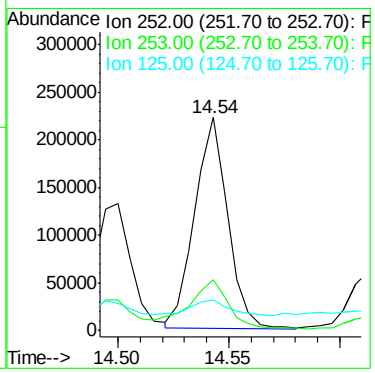


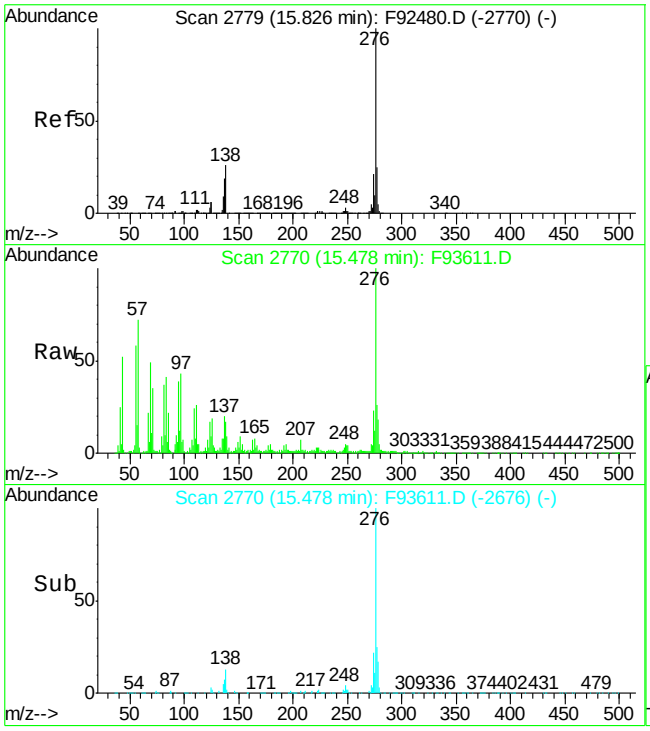


#96
Benzo[a]pyrene
Concen: 19.76 ppb
RT: 14.54 min Scan# 2595
Delta R.T. 0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:252 Resp: 229426

Ion	Ratio	Lower	Upper
252	100		
253	20.5	0.0	52.7
125	7.1	0.0	41.5

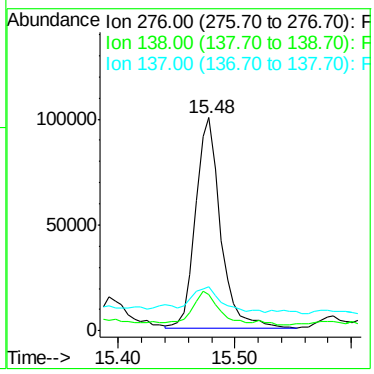


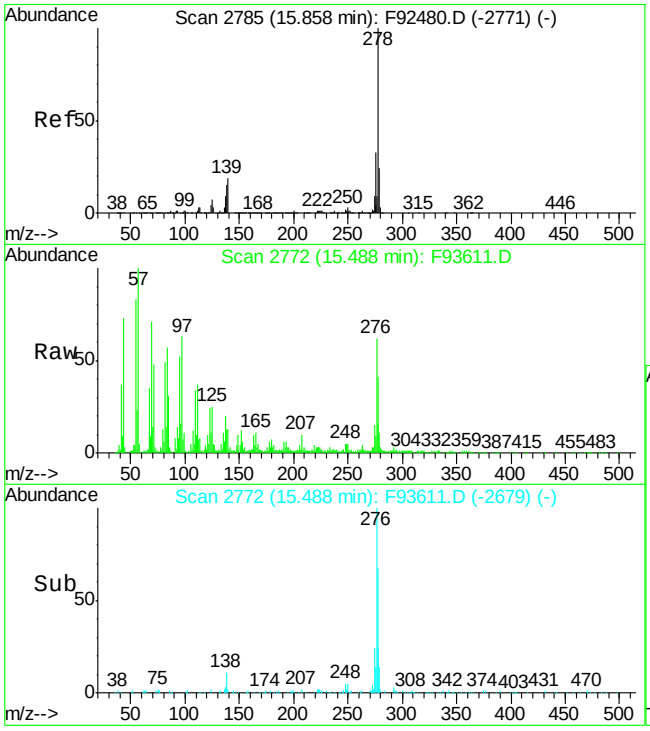


#97
Indeno[1,2,3-cd]pyrene
Concen: 11.74 ppb
RT: 15.48 min Scan# 2770
Delta R.T. -0.00 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:276 Resp: 148111

Ion	Ratio	Lower	Upper
276	100		
138	13.8	0.0	56.4
137	10.0	0.0	48.6

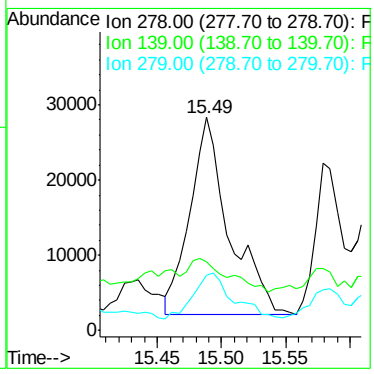


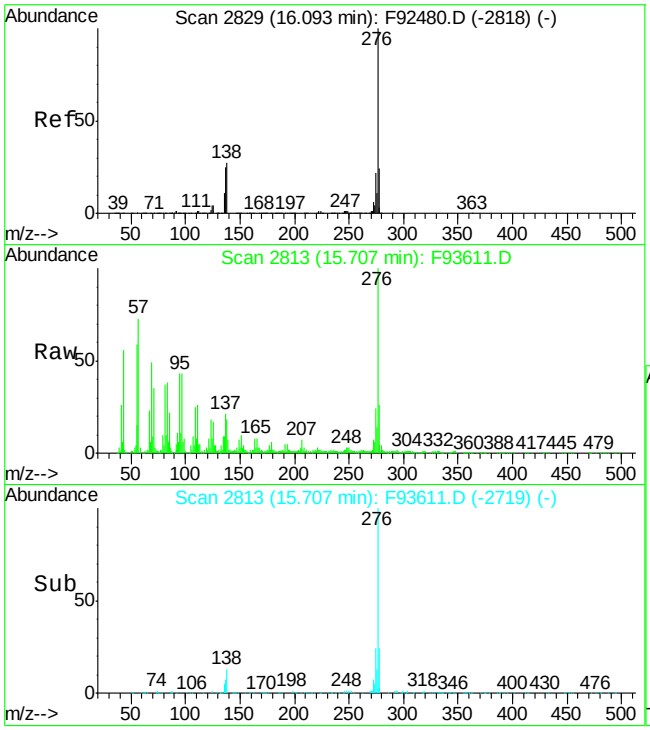


#99
Dibenz[a,h]anthracene
Concen: 5.51 ppb
RT: 15.49 min Scan# 2772
Delta R.T. -0.01 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:278 Resp: 56485

Ion	Ratio	Lower	Upper
278	100		
139	9.4	0.0	49.5
279	21.7	0.0	54.3

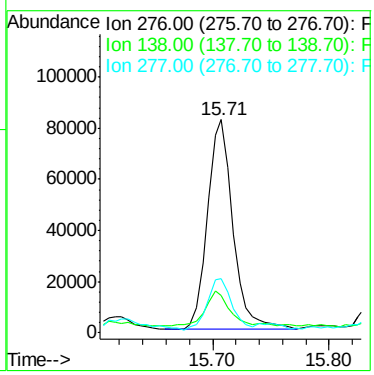




#101
Benzo[g,h,i]perylene
Concen: 11.26 ppb
RT: 15.71 min Scan# 2813
Delta R.T. -0.00 min
Lab File: F93611.D
Acq: 2 Dec 2010 11:42 am

Tgt Ion:276 Resp: 125558

Ion	Ratio	Lower	Upper
276	100		
138	14.6	0.0	57.1
277	23.6	0.0	53.7



Manual Integration Approval Summary

Sample Number:	JA62028-2	**Method:**	SW846 8270C
Lab FileID:	F93611.D	**Analyst approved:**	12/02/10 13:31 Nina Pandya
Injection Time:	12/02/10 11:42	**Supervisor approved:**	12/05/10 18:47 Cheng-Hwan Ao

Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.26	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.28	Overlapping peak

Manual Integrations APPROVED (compounds with "m" flag)
Cheng-Hwan Ao
12/05/10 18:47

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4371D\F93559.D Vial: 19
Acq On : 30 Nov 2010 9:51 pm Operator: ninap
Sample : ja62028-2cfi Inst : MSF
Misc : op46863,ef4371,35.2,,,1,2 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 22:07:54 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

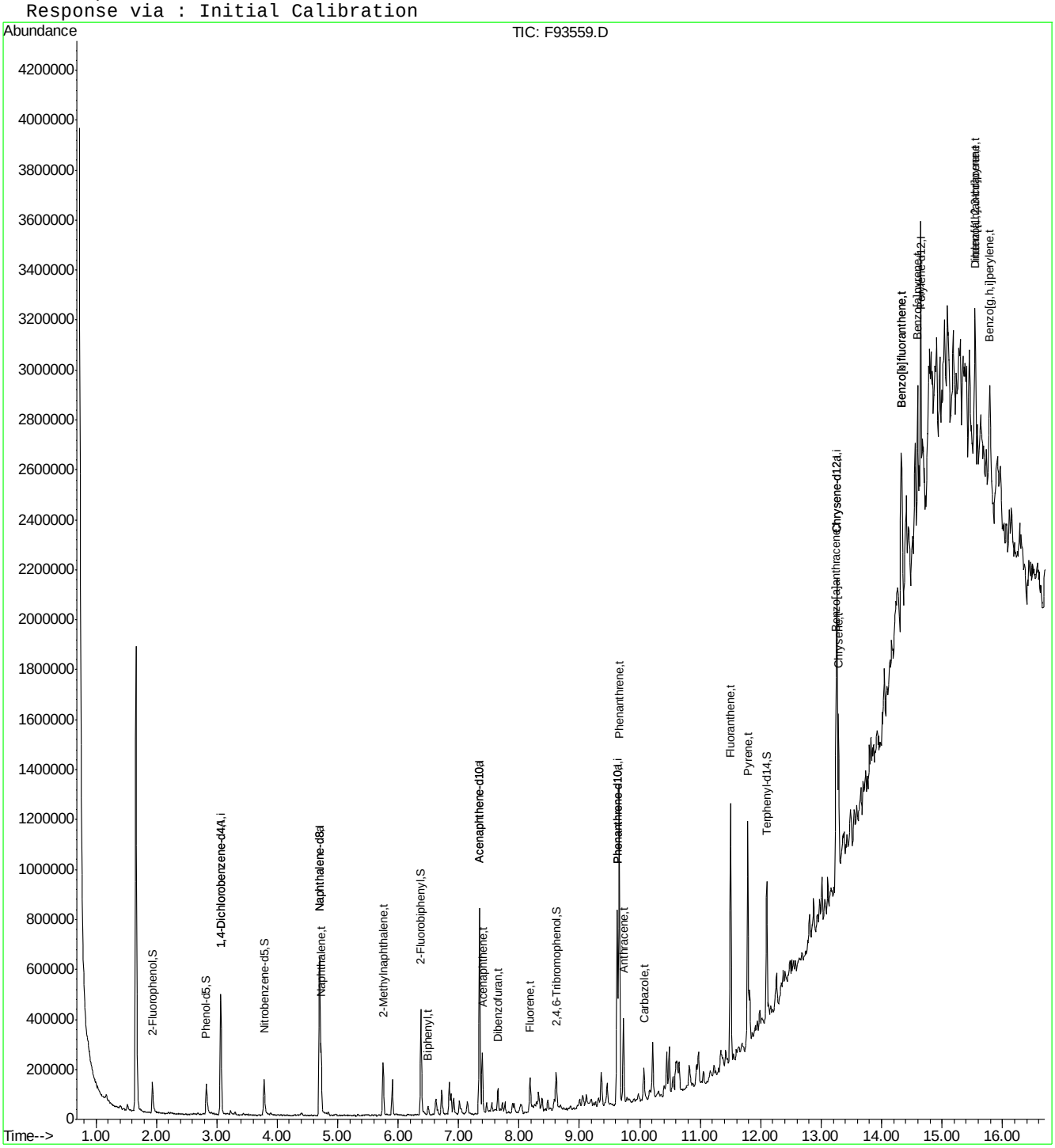
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.07	152	100566	40.00	ppb	-0.01
24) Naphthalene-d8	4.70	136	358096	40.00	ppb	-0.02
47) Acenaphthene-d10	7.35	164	264524	40.00	ppb	-0.02
69) Phenanthrene-d10	9.63	188	452065	40.00	ppb	0.00
83) Chrysene-d12	13.26	240	461212	40.00	ppb	0.00
92) Perylene-d12	14.65	264	460402	40.00	ppb	0.01
102) 1,4-Dichlorobenzene-d4A	3.07	152	100566	40.00	ppb	-0.01
104) Acenaphthene-d10a	7.35	164	264524	40.00	ppb	-0.02
106) Phenanthrene-d10a	9.63	188	452065	40.00	ppb	0.00
108) Chrysene-d12a	13.26	240	461212	40.00	ppb	0.00
110) Naphthalene-d8a	4.70	136	358096	40.00	ppb	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	1.93	112	44945	13.71	ppb	0.00
Spiked Amount 50.000			Recovery = 27.42%			
8) Phenol-d5	2.83	99	60144	15.12	ppb	0.02
Spiked Amount 50.000			Recovery = 30.24%			
25) Nitrobenzene-d5	3.78	82	67751	19.15	ppb	-0.01
Spiked Amount 50.000			Recovery = 38.30%			
51) 2-Fluorobiphenyl	6.38	172	175705	18.59	ppb	-0.03
Spiked Amount 50.000			Recovery = 37.18%			
73) 2,4,6-Tribromophenol	8.62	330	24857	22.82	ppb	0.00
Spiked Amount 50.000			Recovery = 45.64%			
85) Terphenyl-d14	12.10	244	192060	20.51	ppb	0.00
Spiked Amount 50.000			Recovery = 41.02%			
Target Compounds						Qvalue
38) Naphthalene	4.73	128	163307	16.66	ppb	99
44) 2-Methylnaphthalene	5.75	142	78383	11.14	ppb	87
53) Biphenyl	6.50	154	14495	1.52	ppb	95
59) Acenaphthene	7.39	153	77802	10.24	ppb	92
62) Dibenzofuran	7.65	168	54509	4.91	ppb	81
66) Fluorene	8.19	166	60347	6.58	ppb	98
77) Phenanthrene	9.66	178	754735	65.84	ppb	98
78) Anthracene	9.73	178	190842	15.32	ppb	94
79) Carbazole	10.07	167	91032	7.34	ppb	97
81) Fluoranthene	11.50	202	637458	42.18	ppb	92
84) Pyrene	11.79	202	537867	36.68	ppb	97
88) Benzo[a]anthracene	13.24	228	290684	22.04	ppb	91
90) Chrysene	13.29	228	265428	23.58	ppb	96
94) Benzo[b]fluoranthene	14.32	252	288998m	20.93	ppb	
95) Benzo[k]fluoranthene	14.33	252	211653m	12.61	ppb	
96) Benzo[a]pyrene	14.60	252	268622	19.63	ppb	92
97) Indeno[1,2,3-cd]pyrene	15.55	276	198710	13.36	ppb	81
99) Dibenz[a,h]anthracene	15.56	278	68112	5.64	ppb	91
101) Benzo[g,h,i]perylene	15.78	276	164820	12.55	ppb	87

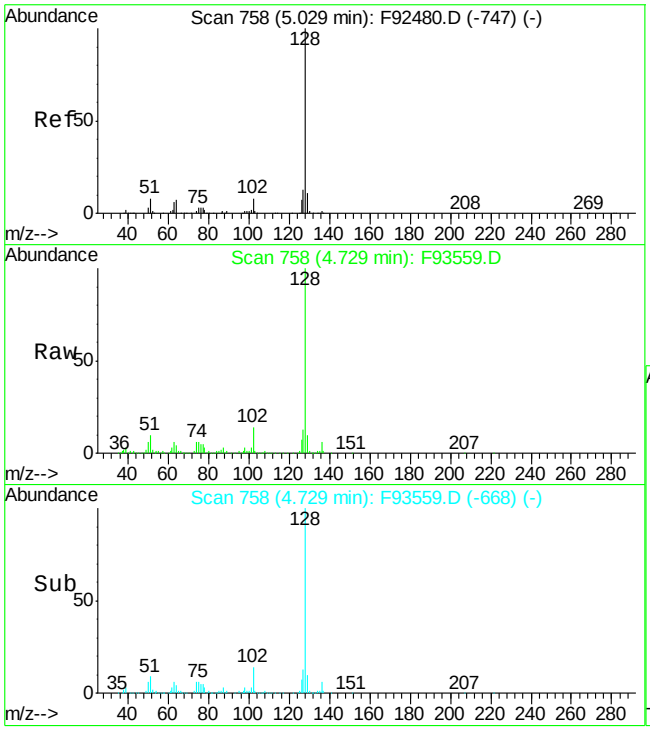
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4371D\F93559.D Vial: 19
Acq On : 30 Nov 2010 9:51 pm Operator: ninap
Sample : ja62028-2cfi Inst : MSF
Misc : op46863,ef4371,35.2,,,1,2 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 2 13:14 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 10:51:42 2010
Response via : Initial Calibration

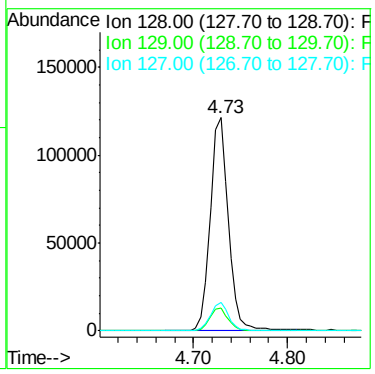


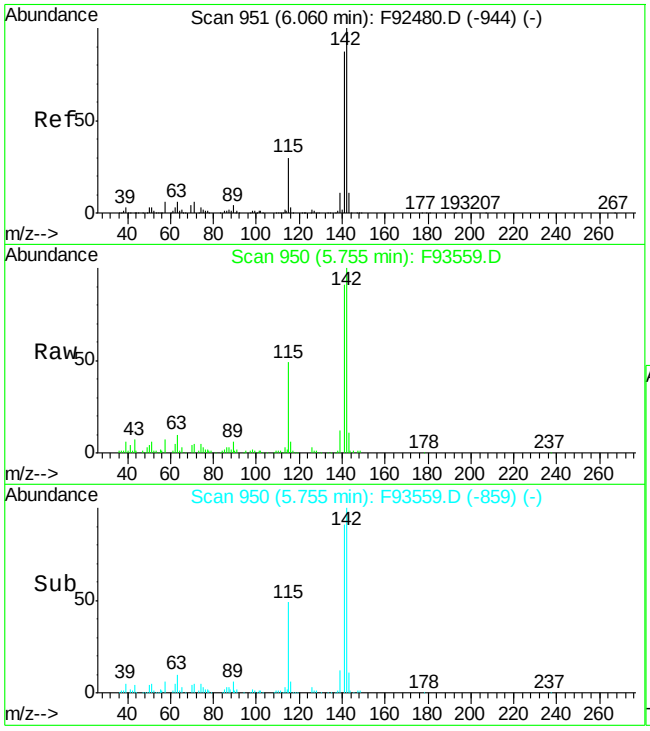


#38
Naphthalene
Concen: 16.66 ppb
RT: 4.73 min Scan# 758
Delta R.T. -0.02 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:128 Resp: 163307

Ion	Ratio	Lower	Upper
128	100		
129	10.5	0.0	40.9
127	13.2	0.0	42.8

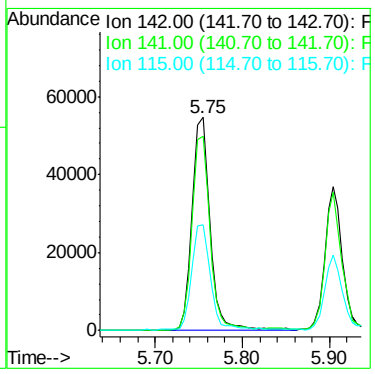


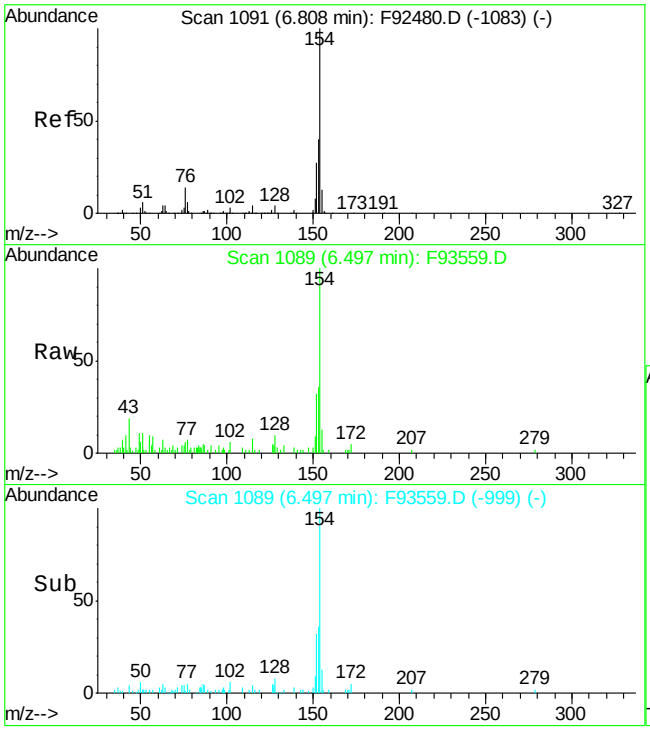


#44
2-Methylnaphthalene
Concen: 11.14 ppb
RT: 5.75 min Scan# 950
Delta R.T. -0.01 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:142 Resp: 78383

Ion	Ratio	Lower	Upper
142	100		
141	90.9	56.2	116.2
115	48.7	0.1	60.1

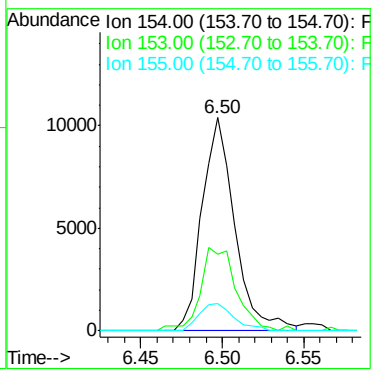


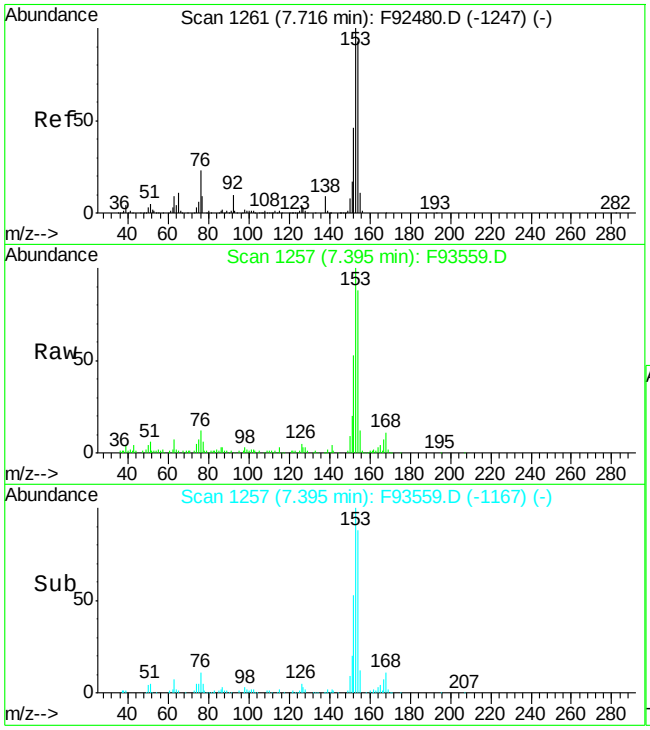


#53
Biphenyl
Concen: 1.52 ppb
RT: 6.50 min Scan# 1089
Delta R.T. -0.02 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:154 Resp: 14495

Ion	Ratio	Lower	Upper
154	100		
153	35.4	9.6	69.6
155	12.9	0.0	43.2

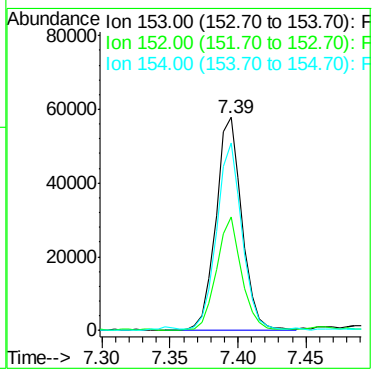


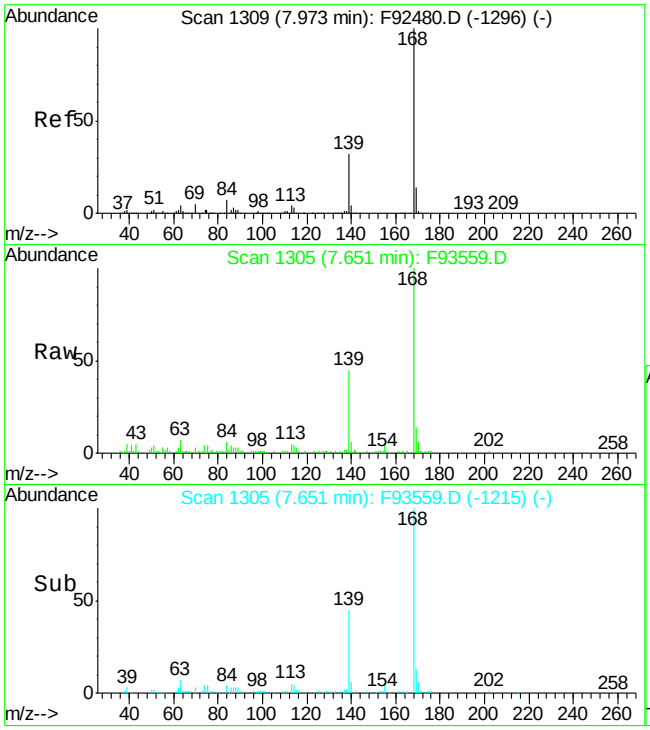


#59
Acenaphthene
Concen: 10.24 ppb
RT: 7.39 min Scan# 1257
Delta R.T. -0.02 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:153 Resp: 77802

Ion	Ratio	Lower	Upper
153	100		
152	52.9	16.4	76.4
154	86.9	63.2	123.2

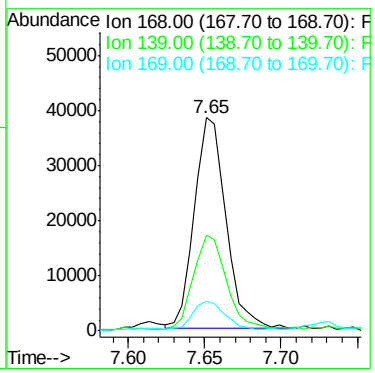


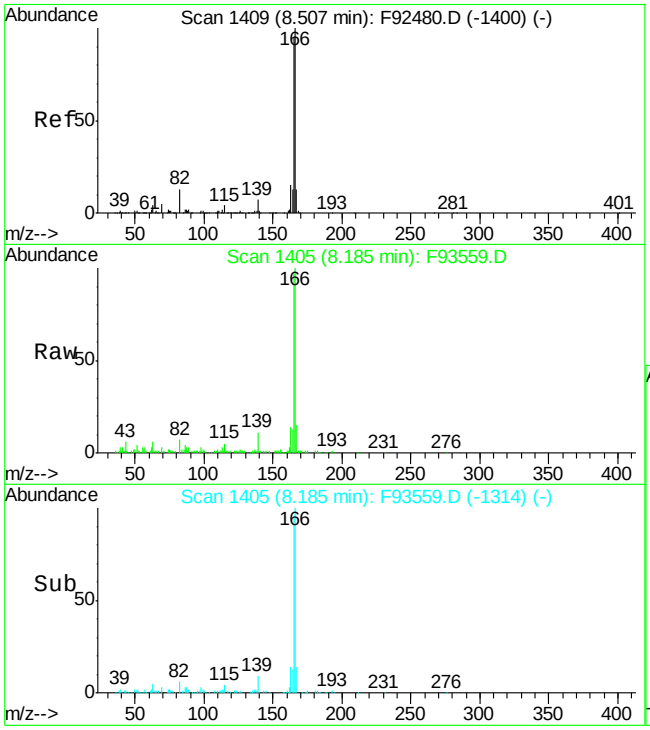


#62
Dibenzofuran
Concen: 4.91 ppb
RT: 7.65 min Scan# 1305
Delta R.T. -0.02 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:168 Resp: 54509

Ion	Ratio	Lower	Upper
168	100		
139	44.7	0.2	60.2
169	13.0	0.0	43.7

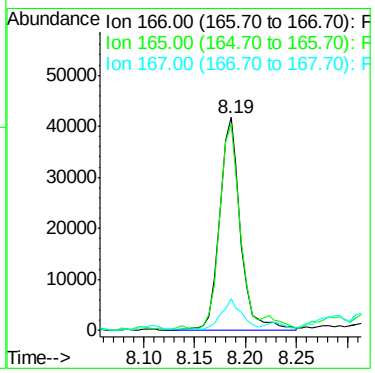


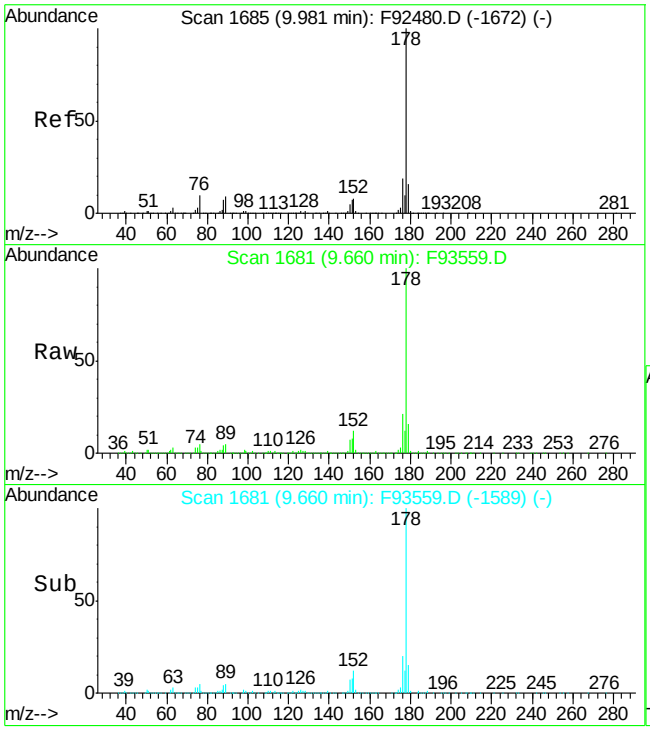


#66
Fluorene
Concen: 6.58 ppb
RT: 8.19 min Scan# 1405
Delta R.T. -0.01 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:166 Resp: 60347

Ion	Ratio	Lower	Upper
166	100		
165	96.4	64.5	124.5
167	14.2	0.0	43.4

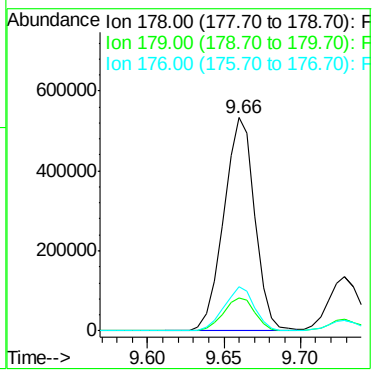


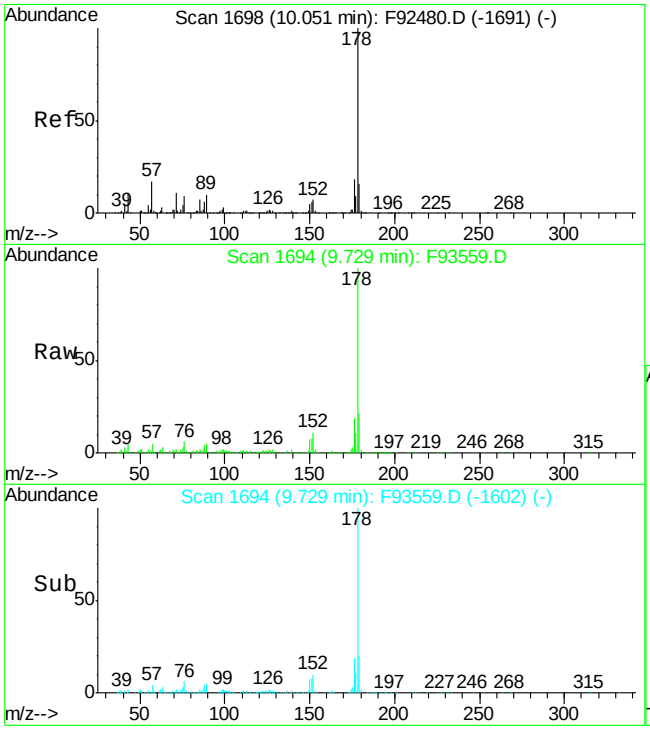


#77
Phenanthrene
Concen: 65.84 ppb
RT: 9.66 min Scan# 1681
Delta R.T. -0.01 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:178 Resp: 754735

Ion	Ratio	Lower	Upper
178	100		
179	15.5	0.0	45.7
176	20.5	0.0	48.7

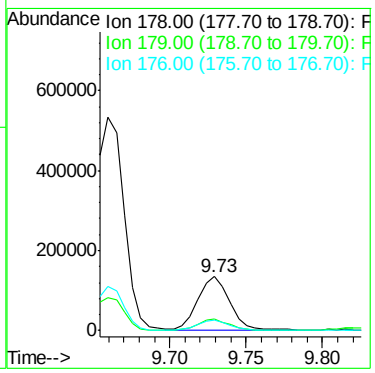


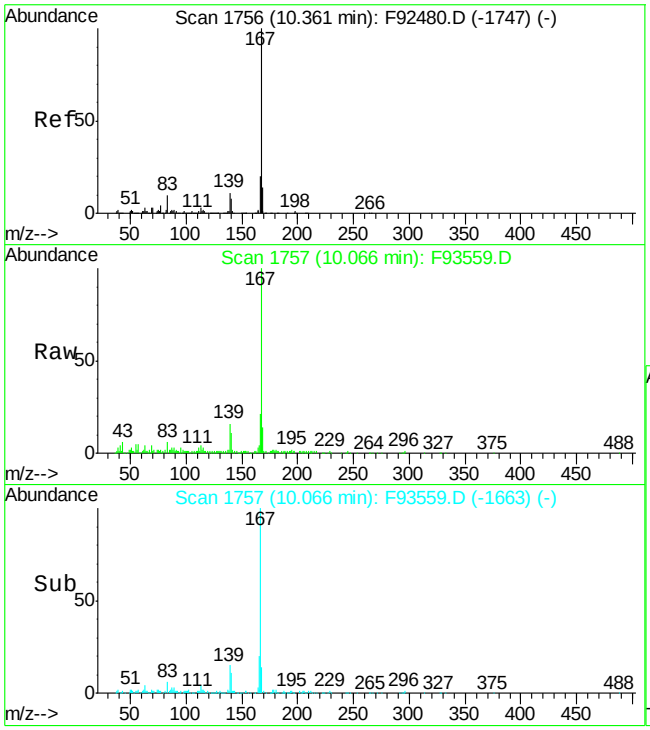


#78
Anthracene
Concen: 15.32 ppb
RT: 9.73 min Scan# 1694
Delta R.T. -0.01 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:178 Resp: 190842

Ion	Ratio	Lower	Upper
178	100		
179	20.2	0.0	45.5
176	19.0	0.0	48.1

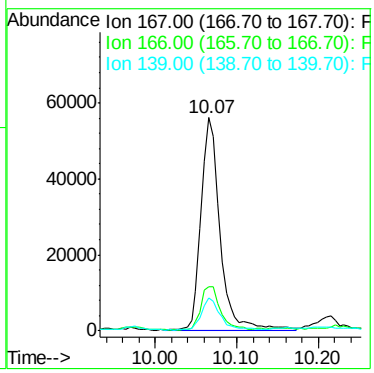


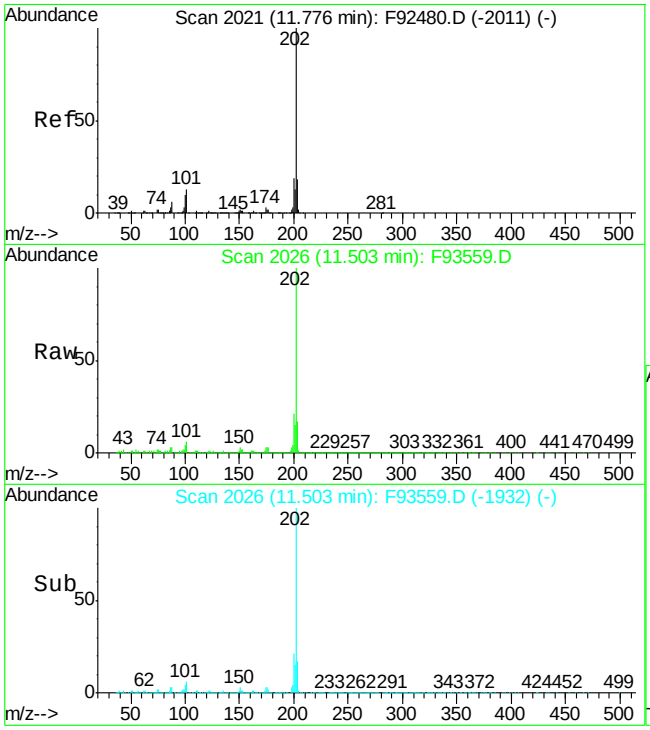


#79
Carbazole
Concen: 7.34 ppb
RT: 10.07 min Scan# 1757
Delta R.T. 0.00 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:167 Resp: 91032

Ion	Ratio	Lower	Upper
167	100		
166	20.3	0.0	50.2
139	14.7	0.0	41.3

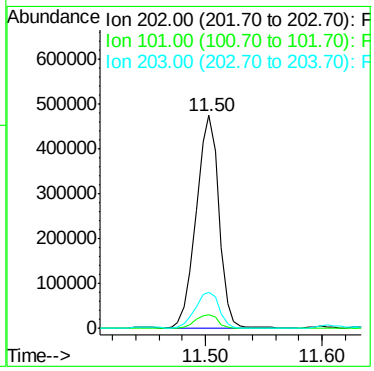


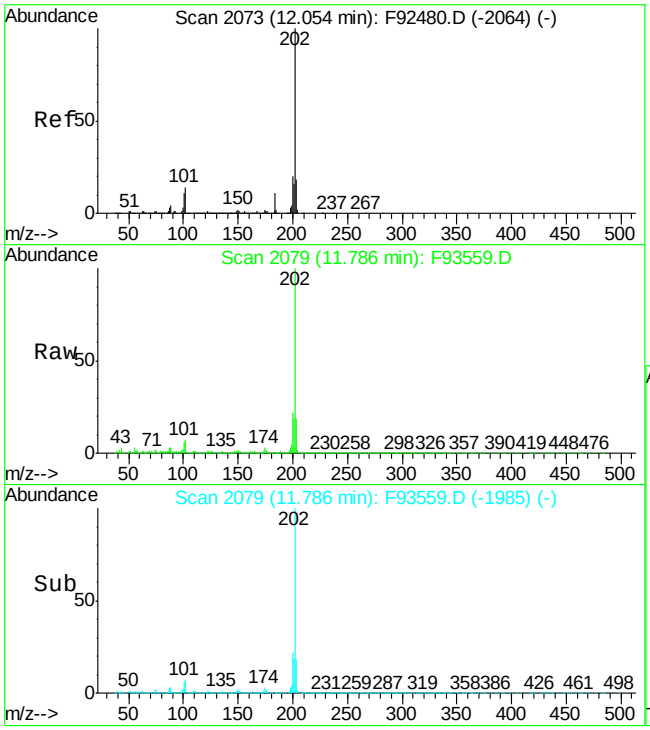


#81
Fluoranthene
Concen: 42.18 ppb
RT: 11.50 min Scan# 2026
Delta R.T. 0.00 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:202 Resp: 637458

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	42.9
203	16.6	0.0	47.8

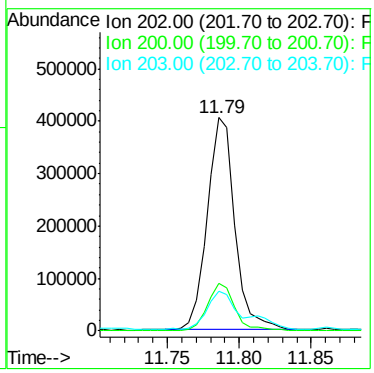


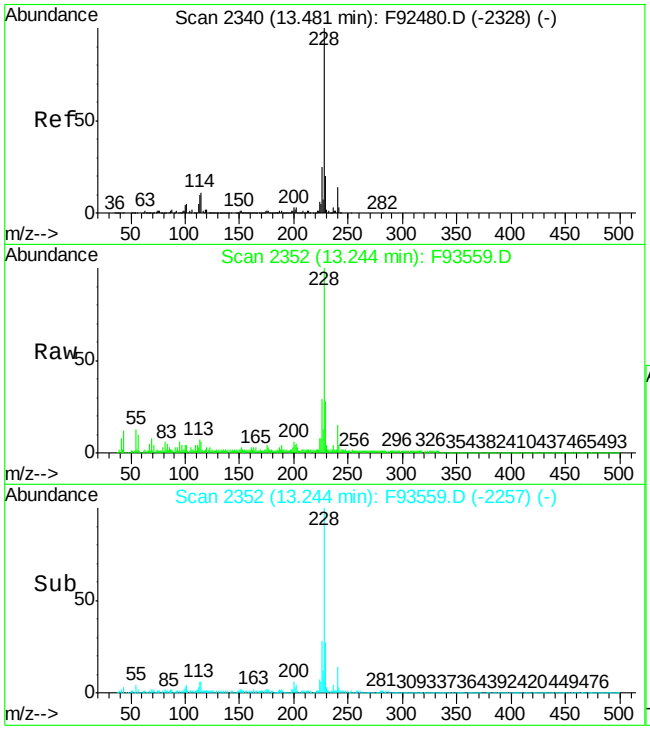


#84
Pyrene
Concen: 36.68 ppb
RT: 11.79 min Scan# 2079
Delta R.T. 0.00 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:202 Resp: 537867

Ion	Ratio	Lower	Upper
202	100		
200	22.0	0.0	49.9
203	17.7	0.0	47.5

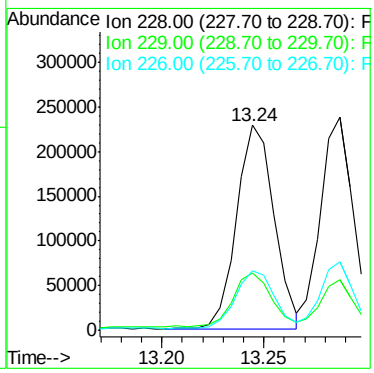


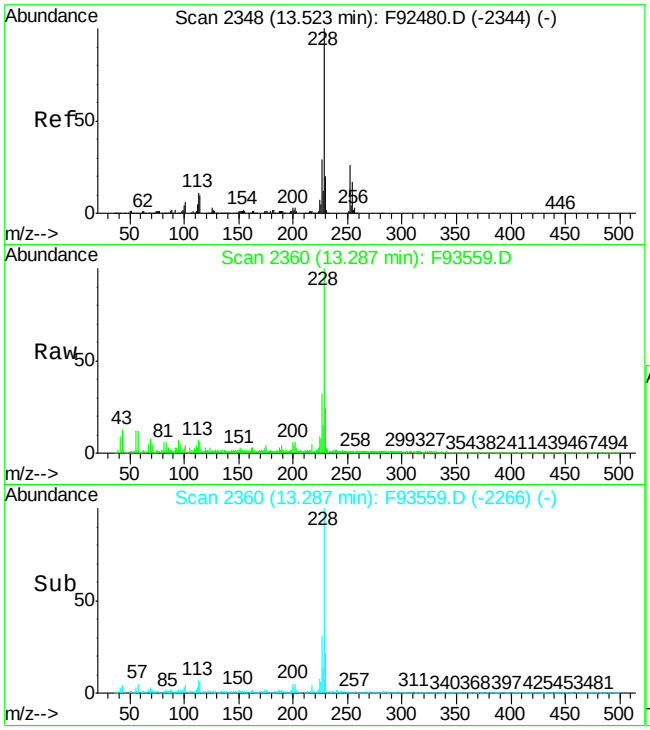


#88
Benzo[a]anthracene
Concen: 22.04 ppb
RT: 13.24 min Scan# 2352
Delta R.T. 0.01 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:228 Resp: 290684

Ion	Ratio	Lower	Upper
228	100		
229	26.6	0.0	50.1
226	28.0	0.0	55.4

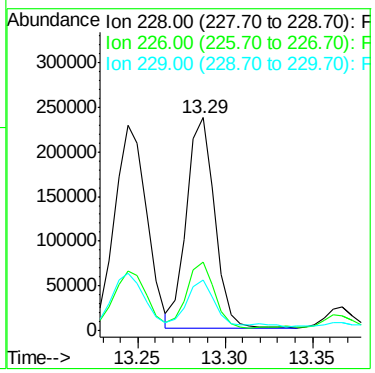


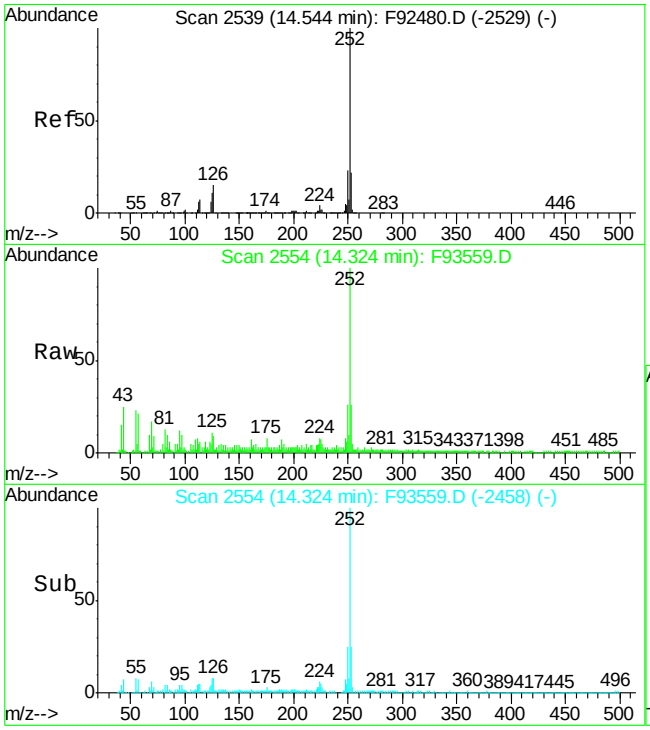


#90
Chrysene
Concen: 23.58 ppb
RT: 13.29 min Scan# 2360
Delta R.T. 0.00 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:228 Resp: 265428

Ion	Ratio	Lower	Upper
228	100		
226	31.1	0.0	59.0
229	21.9	0.0	50.2

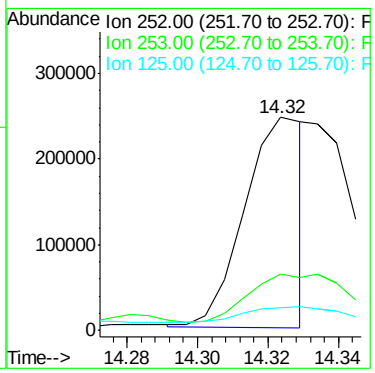


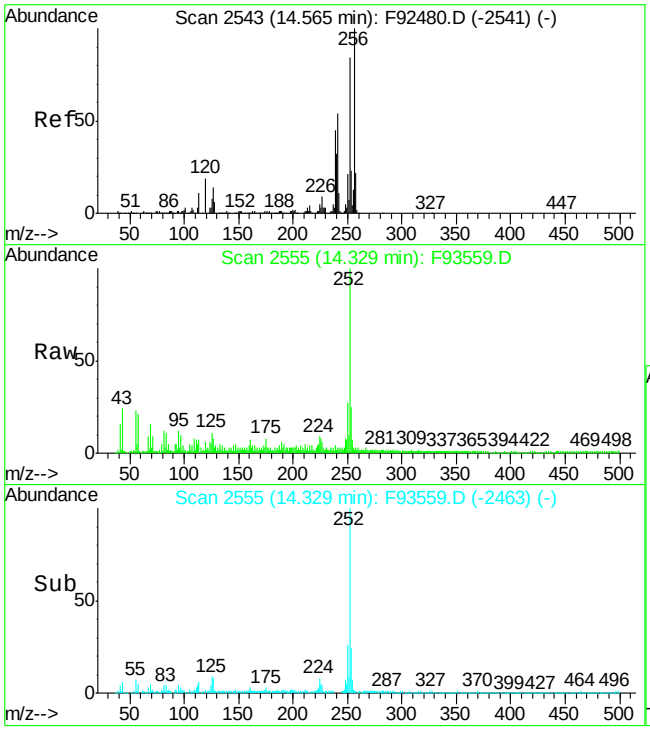


#94
Benzo[b]fluoranthene
Concen: 20.93 ppb m
RT: 14.32 min Scan# 2554
Delta R.T. 0.01 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:252 Resp: 288998

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	52.1
125	10.9	0.0	39.6

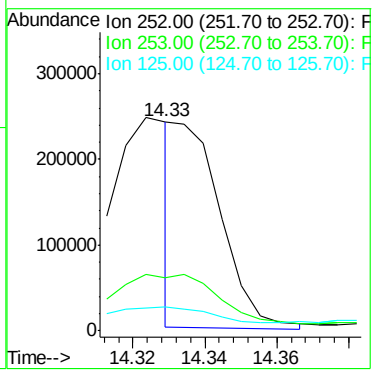


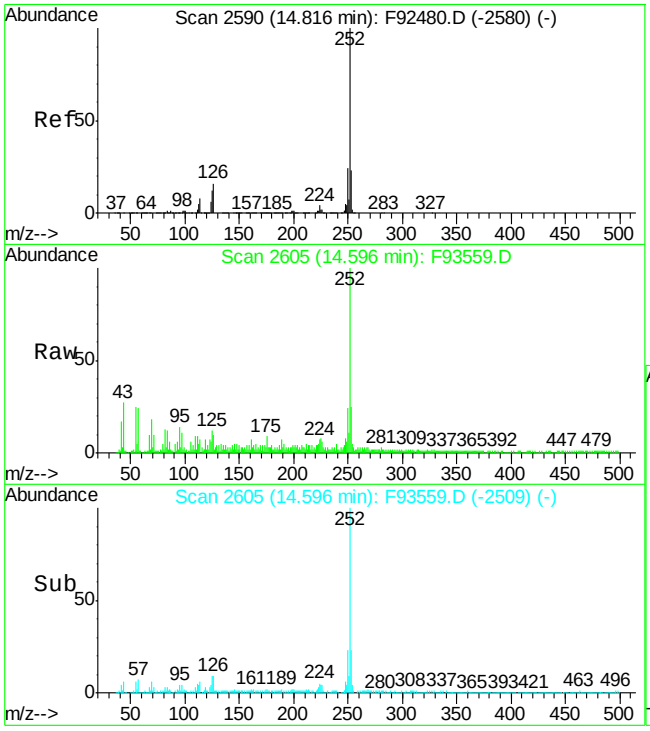


#95
Benzo[k]fluoranthene
Concen: 12.61 ppb m
RT: 14.33 min Scan# 2555
Delta R.T. -0.01 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:252 Resp: 211653

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	55.2
125	11.2	0.0	41.3

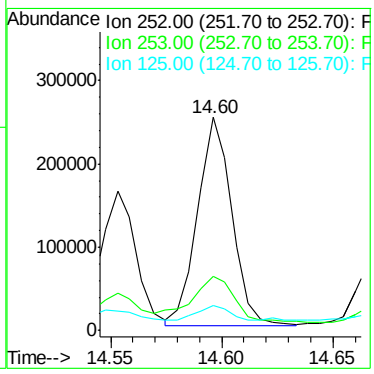


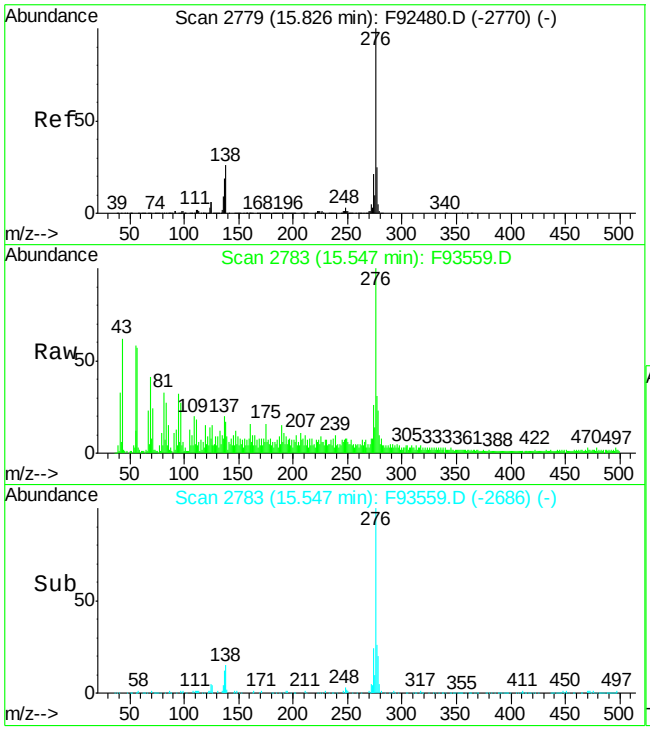


#96
Benzo[a]pyrene
Concen: 19.63 ppb
RT: 14.60 min Scan# 2605
Delta R.T. 0.01 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:252 Resp: 268622

Ion	Ratio	Lower	Upper
252	100		
253	19.4	0.0	52.7
125	7.0	0.0	41.5

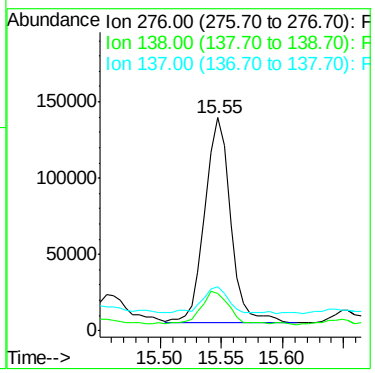


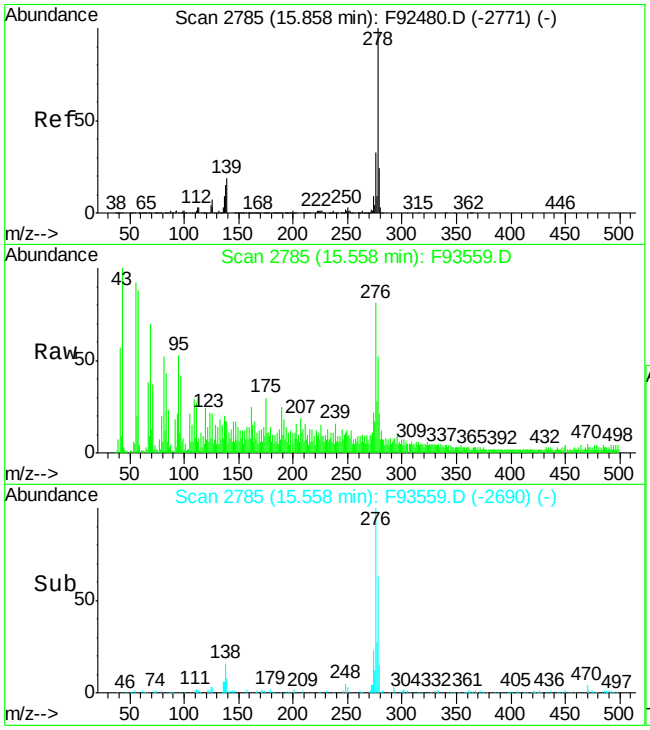


#97
Indeno[1,2,3-cd]pyrene
Concen: 13.36 ppb
RT: 15.55 min Scan# 2783
Delta R.T. 0.02 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:276 Resp: 198710

Ion	Ratio	Lower	Upper
276	100		
138	14.9	0.0	56.4
137	12.2	0.0	48.6

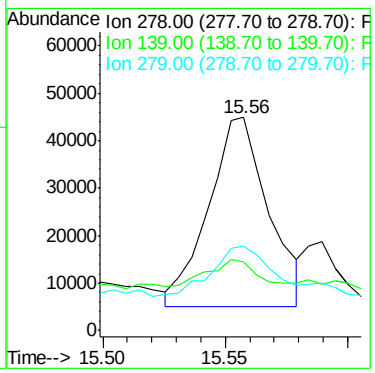


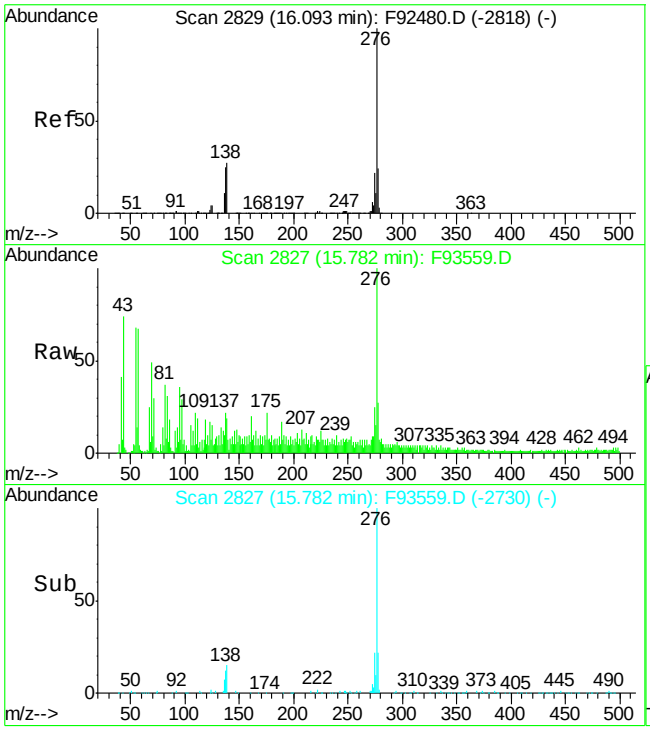


#99
Dibenz[a,h]anthracene
Concen: 5.64 ppb
RT: 15.56 min Scan# 2785
Delta R.T. 0.01 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:278 Resp: 68112

Ion	Ratio	Lower	Upper
278	100		
139	14.4	0.0	49.5
279	27.6	0.0	54.3

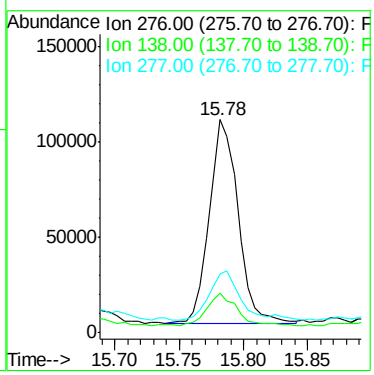




#101
Benzo[g,h,i]perylene
Concen: 12.55 ppb
RT: 15.78 min Scan# 2827
Delta R.T. 0.02 min
Lab File: F93559.D
Acq: 30 Nov 2010 9:51 pm

Tgt Ion:276 Resp: 164820

Ion	Ratio	Lower	Upper
276	100		
138	15.9	0.0	57.1
277	21.8	0.0	53.7



8.1.4

8

Manual Integration Approval Summary

Sample Number: JA62028-2
Lab FileID: F93559.D
Injection Time: 11/30/10 21:51
Method: SW846 8270C
Analyst approved: 12/02/10 13:31 Nina Pandya
Supervisor approved: 12/05/10 18:47 Cheng-Hwan Ao

Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.32	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.33	Overlapping peak

Manual Integrations APPROVED (compounds with "m" flag)
Wendy Sherwood 12/02/10 17:44

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32971.D
Acq On : 30 Nov 2010 9:07 pm
Operator : olgaa
Sample : ja62028-10
Misc : op46866,e2m1424,1000
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 01 11:55:11 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Dec 01 11:51:43 2010
Response via : Initial Calibration

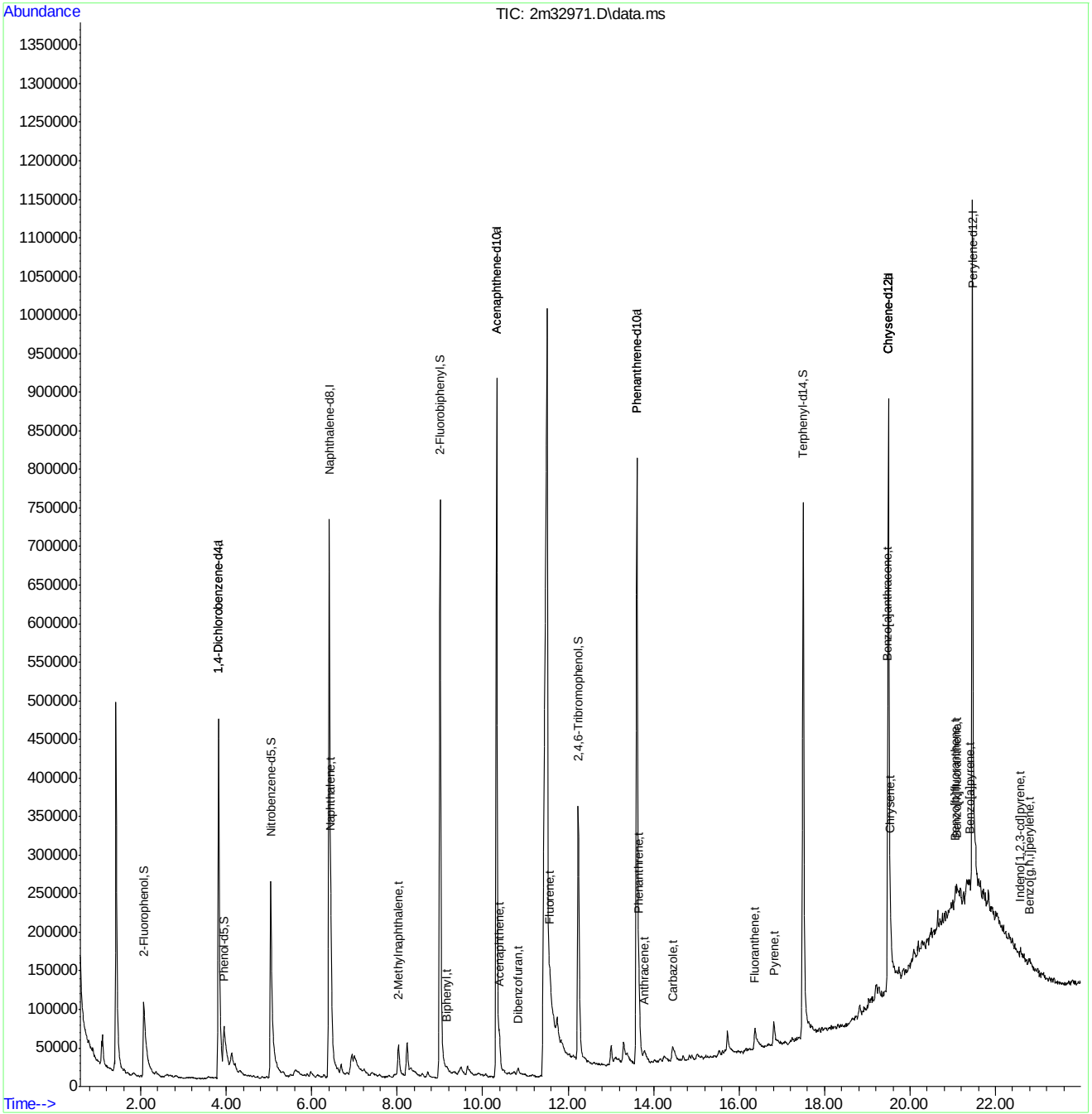
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.817	152	216027	40.00	ppb	0.00
24) Naphthalene-d8	6.411	136	845451	40.00	ppb	-0.01
47) Acenaphthene-d10	10.327	164	508183	40.00	ppb	-0.01
69) Phenanthrene-d10	13.611	188	750385	40.00	ppb	-0.01
83) Chrysene-d12	19.494	240	763873	40.00	ppb	-0.01
92) Perylene-d12	21.457	264	760681	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	3.817	152	216027	40.00	ppb	0.00
104) Acenaphthene-d10a	10.327	164	508550	40.00	ppb	-0.01
106) Chrysene-d12a	19.494	240	763873	40.00	ppb	-0.01
108) Phenanthrene-d10a	13.611	188	750385	40.00	ppb	-0.01
110) Chrysene-d12b	19.494	240	763873	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.074	112	173993	21.10	ppb	0.03
Spiked Amount 50.000			Recovery = 42.20%			
8) Phenol-d5	3.946	99	134749	12.91	ppb	0.09
Spiked Amount 50.000			Recovery = 25.82%			
25) Nitrobenzene-d5	5.037	82	333802	38.60	ppb	-0.01
Spiked Amount 50.000			Recovery = 77.20%			
51) 2-Fluorobiphenyl	9.006	172	652791	37.53	ppb	-0.01
Spiked Amount 50.000			Recovery = 75.06%			
73) 2,4,6-Tribromophenol	12.241	330	107250	46.71	ppb	0.00
Spiked Amount 50.000			Recovery = 93.42%			
85) Terphenyl-d14	17.499	244	592301	44.57	ppb	0.00
Spiked Amount 50.000			Recovery = 89.14%			
Target Compounds						Qvalue
38) Naphthalene	6.449	128	208965	8.79	ppb	99
44) 2-Methylnaphthalene	8.027	142	38492	2.45	ppb	96
53) Biphenyl	9.166	154	7339	0.40	ppb	91
59) Acenaphthene	10.396	153	26721	1.87	ppb	91
62) Dibenzofuran	10.829	168	16484	0.78	ppb	95
66) Fluorene	11.578	166	16861m	1.02	ppb	
77) Phenanthrene	13.659	178	88622	3.86	ppb	98
78) Anthracene	13.777	178	18610	0.82	ppb	92
79) Carbazole	14.450	167	40508	1.83	ppb	90
81) Fluoranthene	16.371	202	46304	2.07	ppb	96
84) Pyrene	16.815	202	38389	1.68	ppb	99
88) Benzo[a]anthracene	19.473	228	16023m	0.76	ppb	
90) Chrysene	19.537	228	18508m	0.89	ppb	
94) Benzo[b]fluoranthene	21.067	252	17166m	0.80	ppb	
95) Benzo[k]fluoranthene	21.088	252	8369m	0.36	ppb	
96) Benzo[a]pyrene	21.398	252	12746m	0.63	ppb	
97) Indeno[1,2,3-cd]pyrene	22.580	276	7048	0.41	ppb	82
101) Benzo[g,h,i]perylene	22.784	276	9068m	0.45	ppb	

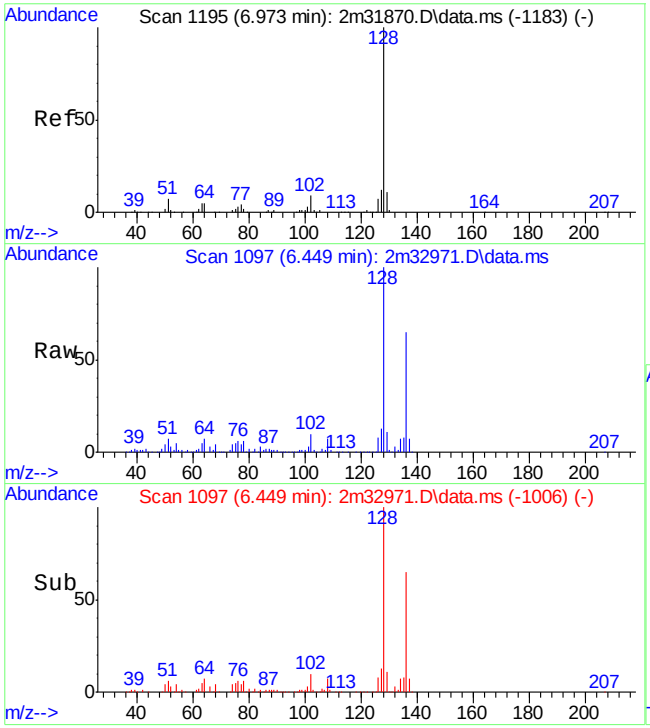
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32971.D
Acq On : 30 Nov 2010 9:07 pm
Operator : olgaa
Sample : ja62028-10
Misc : op46866,e2m1424,1000
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 01 11:55:11 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Dec 01 11:51:43 2010
Response via : Initial Calibration

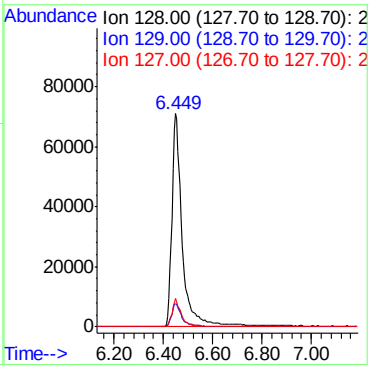


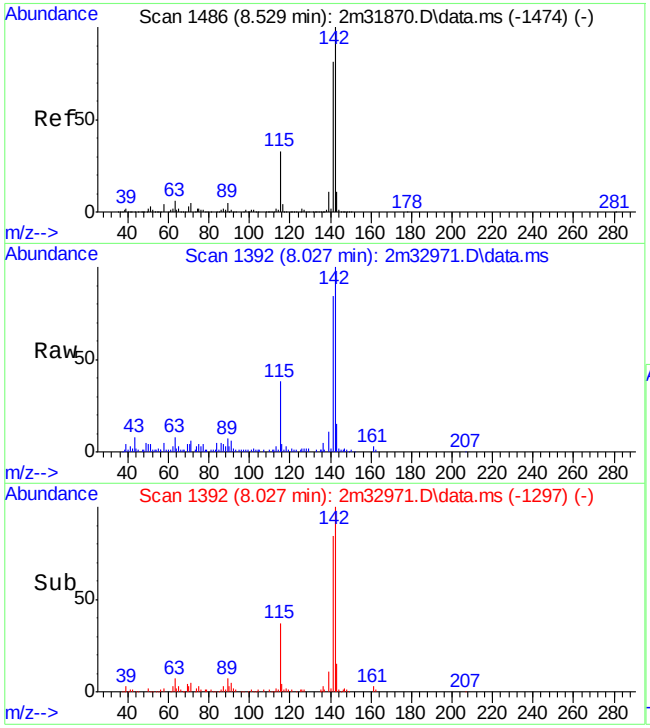


#38
Naphthalene
Concen: 8.79 ppb
RT: 6.449 min Scan# 1097
Delta R.T. -0.011 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:128 Resp: 208965

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	41.0
127	13.2	0.0	42.4

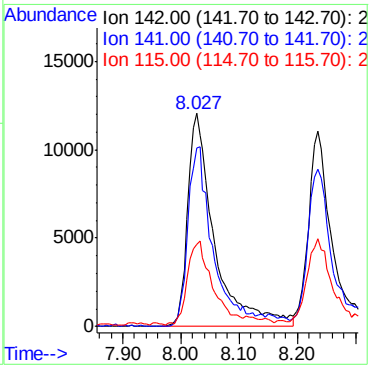


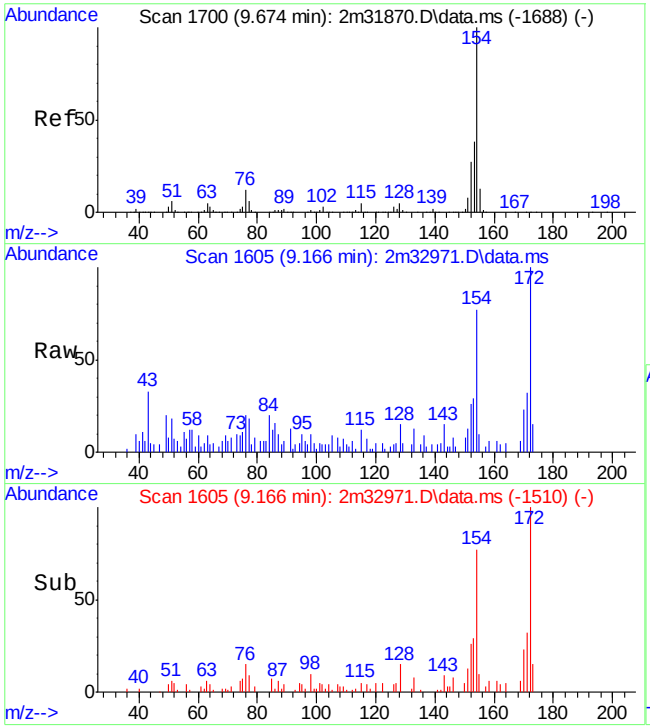


#44
2-Methylnaphthalene
Concen: 2.45 ppb
RT: 8.027 min Scan# 1392
Delta R.T. 0.011 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:142 Resp: 38492

Ion	Ratio	Lower	Upper
142	100		
141	83.7	51.3	111.3
115	36.8	3.0	63.0

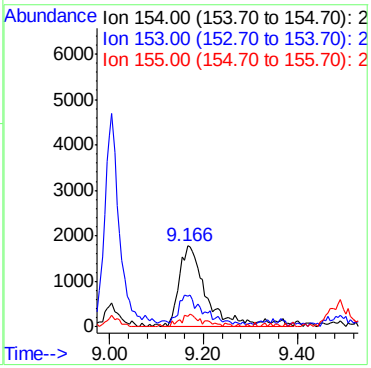


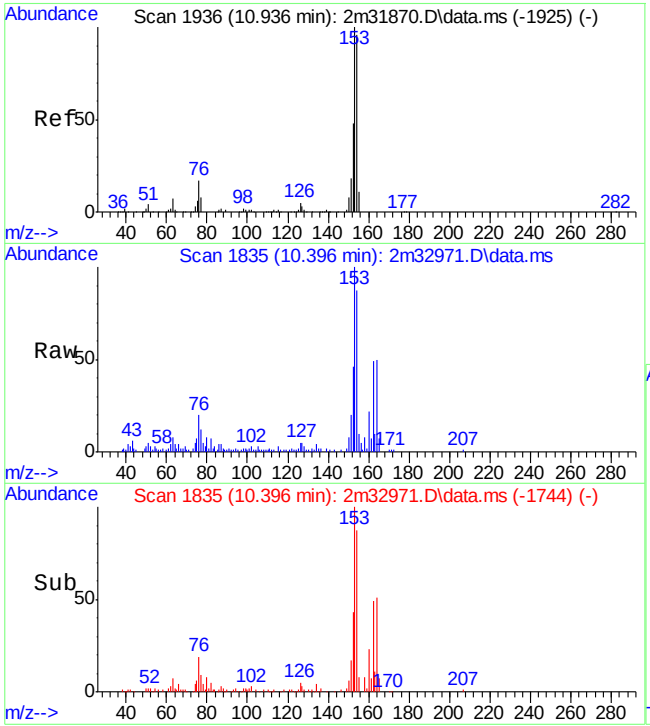


#53
Biphenyl
Concen: 0.40 ppb
RT: 9.166 min Scan# 1605
Delta R.T. 0.011 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:154 Resp: 7339

Ion	Ratio	Lower	Upper
154	100		
153	32.3	8.3	68.3
155	10.8	0.0	42.6

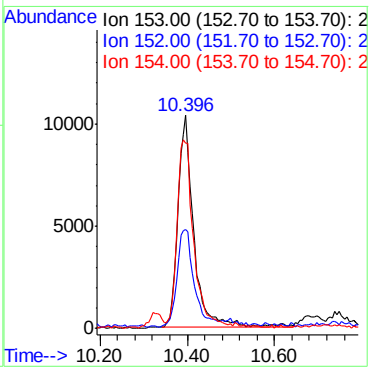


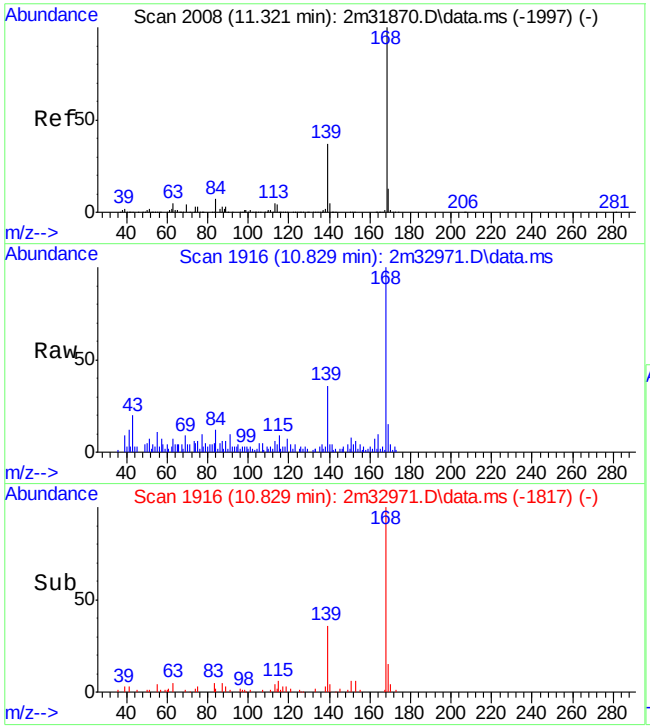


#59
Acenaphthene
Concen: 1.87 ppb
RT: 10.396 min Scan# 1835
Delta R.T. -0.011 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:153 Resp: 26721

Ion	Ratio	Lower	Upper
153	100		
152	45.1	18.0	78.0
154	84.9	66.0	126.0

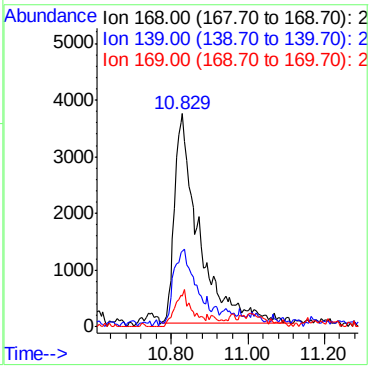


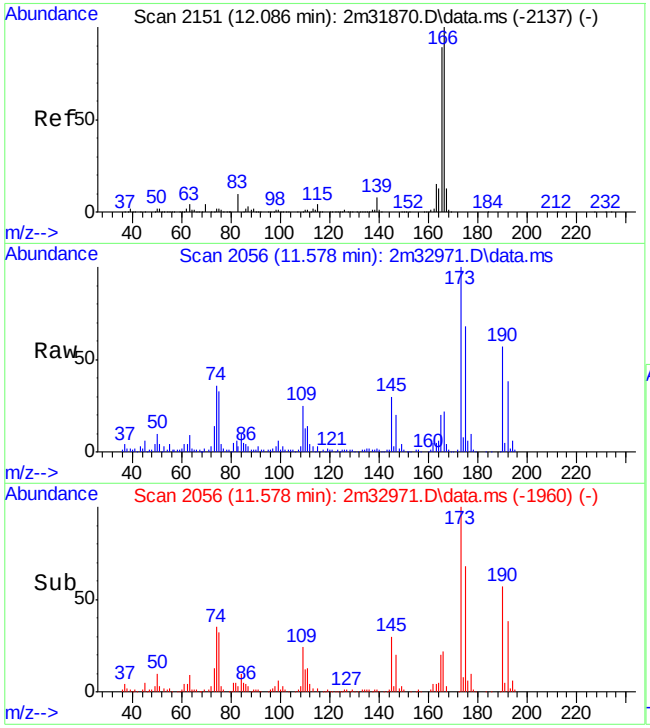


#62
Dibenzofuran
Concen: 0.78 ppb
RT: 10.829 min Scan# 1916
Delta R.T. 0.032 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:168 Resp: 16484

Ion	Ratio	Lower	Upper
168	100		
139	33.8	7.1	67.1
169	14.9	0.0	43.4

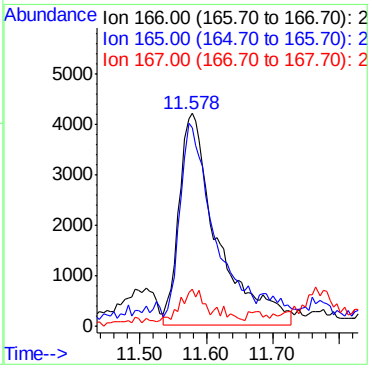


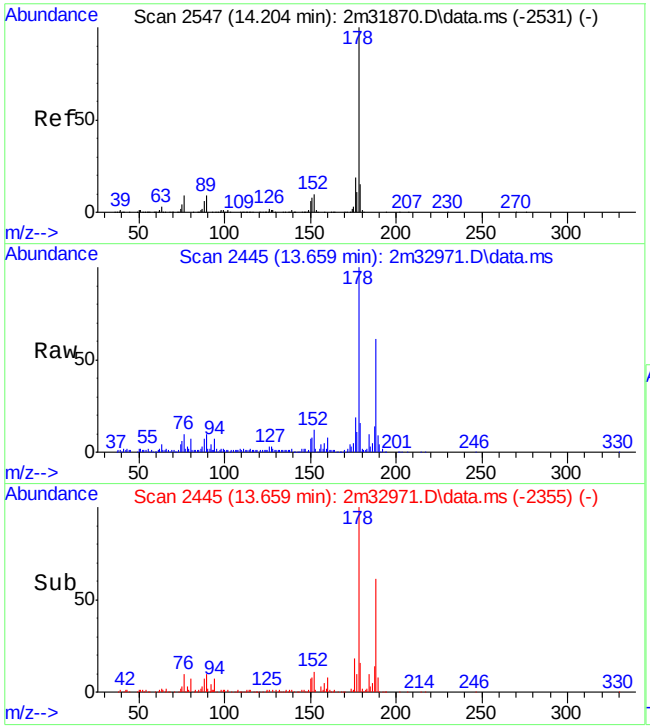


#66
Fluorene
Concen: 1.02 ppb m
RT: 11.578 min Scan# 2056
Delta R.T. 0.016 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:166 Resp: 16861

Ion	Ratio	Lower	Upper
166	100		
165	93.1	59.5	119.5
167	17.4	0.0	43.4

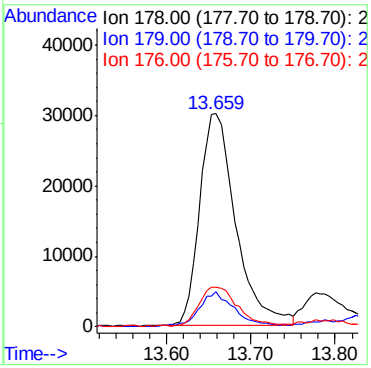


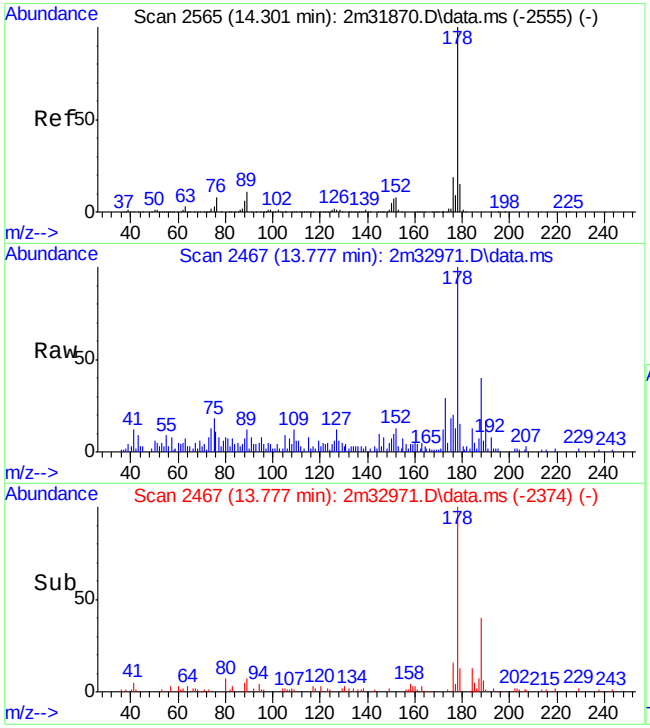


#77
Phenanthrene
Concen: 3.86 ppb
RT: 13.659 min Scan# 2445
Delta R.T. -0.016 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:178 Resp: 88622

Ion	Ratio	Lower	Upper
178	100		
179	15.9	0.0	45.1
176	18.3	0.0	48.9

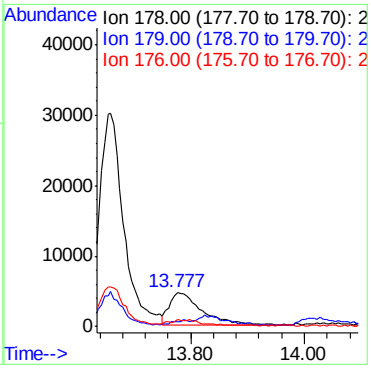


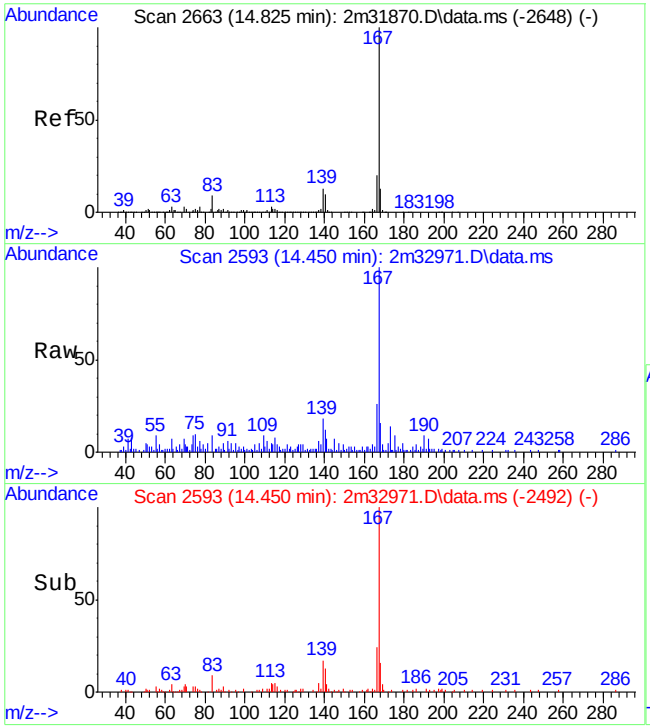


#78
Anthracene
Concen: 0.82 ppb
RT: 13.777 min Scan# 2467
Delta R.T. -0.000 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:178 Resp: 18610

Ion	Ratio	Lower	Upper
178	100		
179	10.5	0.0	45.0
176	15.9	0.0	48.6

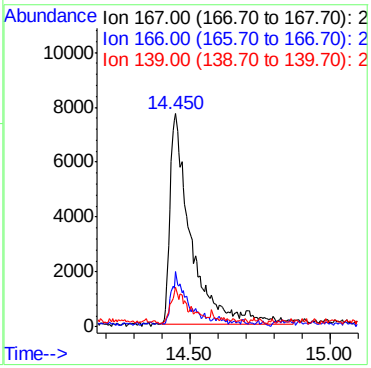


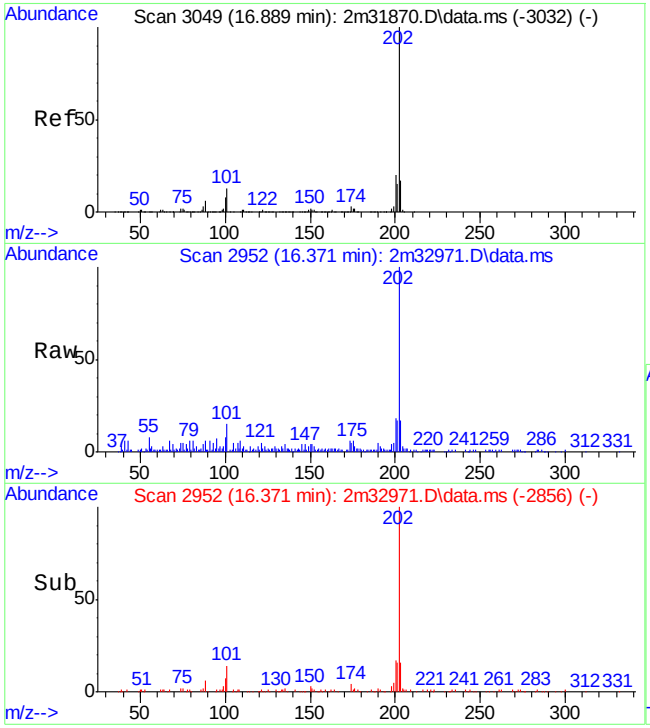


#79
Carbazole
Concen: 1.83 ppb
RT: 14.450 min Scan# 2593
Delta R.T. 0.043 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:167 Resp: 40508

Ion	Ratio	Lower	Upper
167	100		
166	24.3	0.0	49.9
139	16.5	0.0	42.7

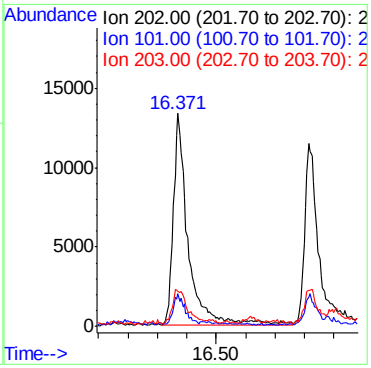


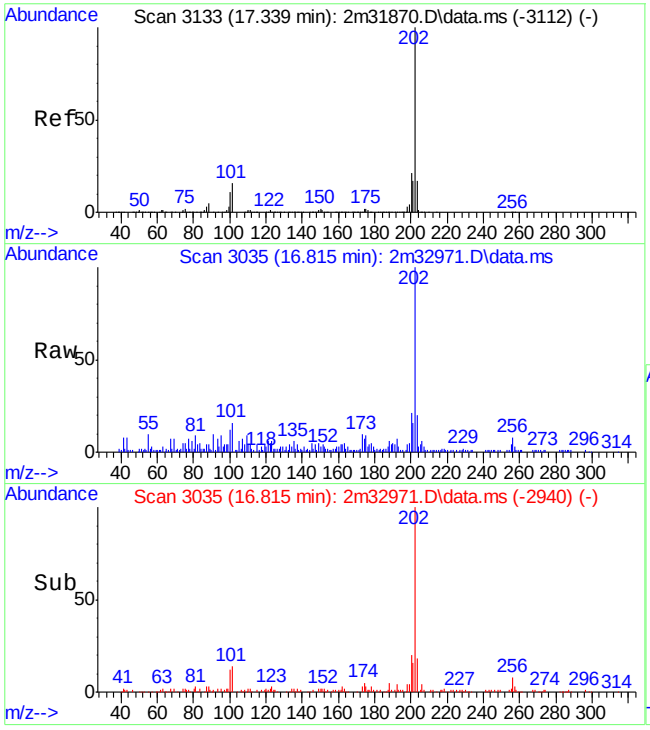


#81
Fluoranthene
Concen: 2.07 ppb
RT: 16.371 min Scan# 2952
Delta R.T. 0.016 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:202 Resp: 46304

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	43.0
203	15.4	0.0	47.4

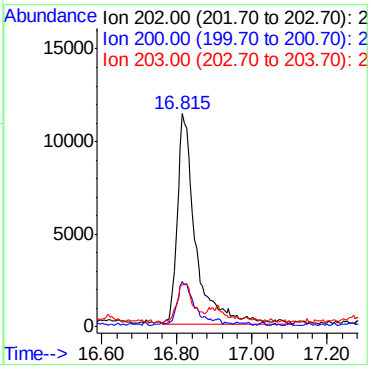


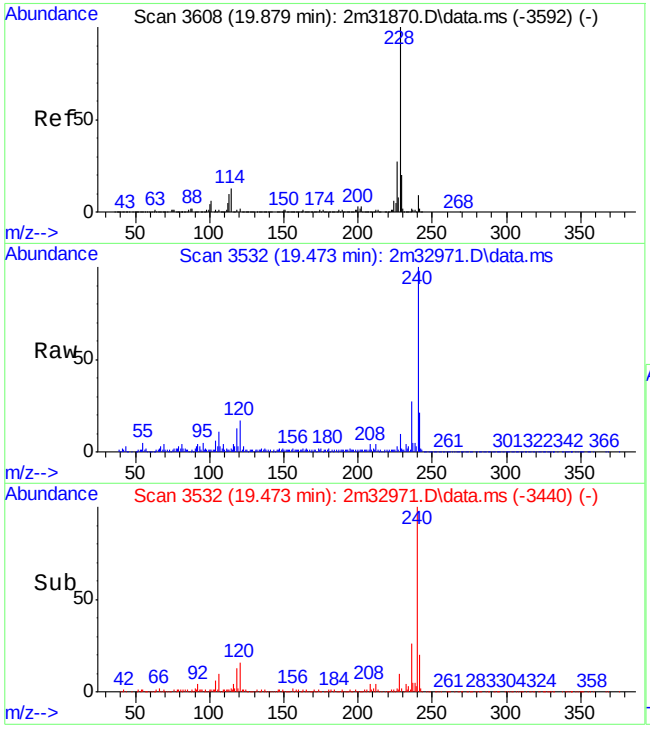


#84
Pyrene
Concen: 1.68 ppb
RT: 16.815 min Scan# 3035
Delta R.T. 0.011 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:202 Resp: 38389

Ion	Ratio	Lower	Upper
202	100		
200	20.3	0.0	51.0
203	17.5	0.0	47.2

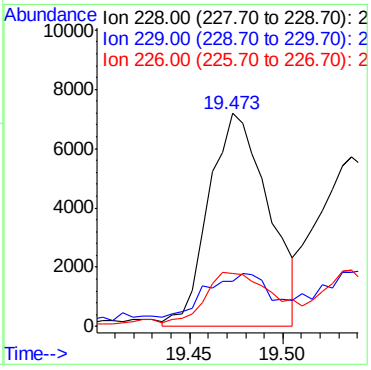


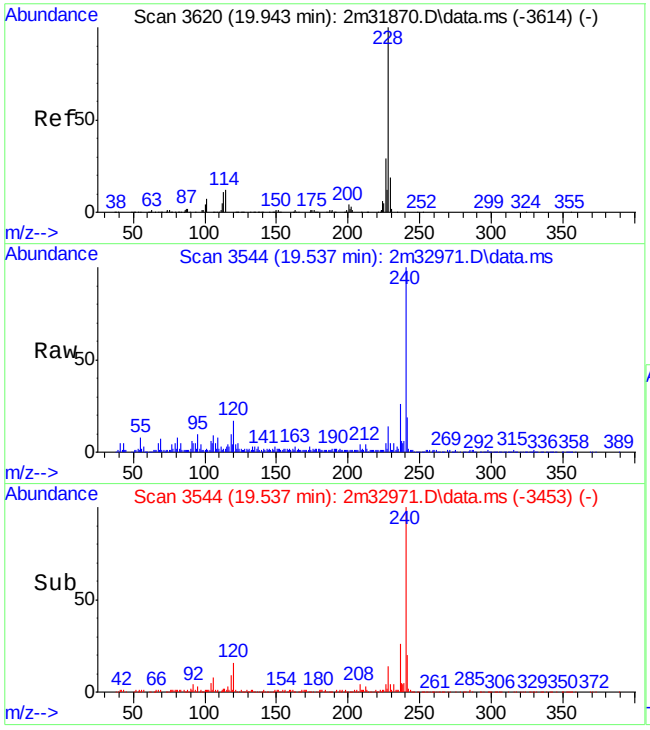


#88
Benzo[a]anthracene
Concen: 0.76 ppb m
RT: 19.473 min Scan# 3532
Delta R.T. -0.005 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:228 Resp: 16023

Ion	Ratio	Lower	Upper
228	100		
229	21.3	0.0	50.0
226	25.0	0.0	56.5

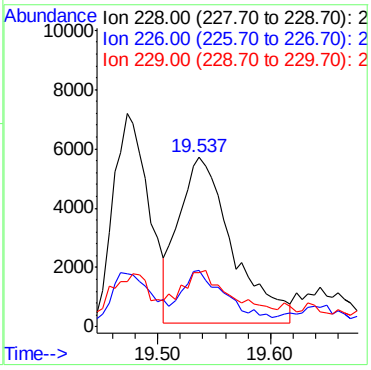


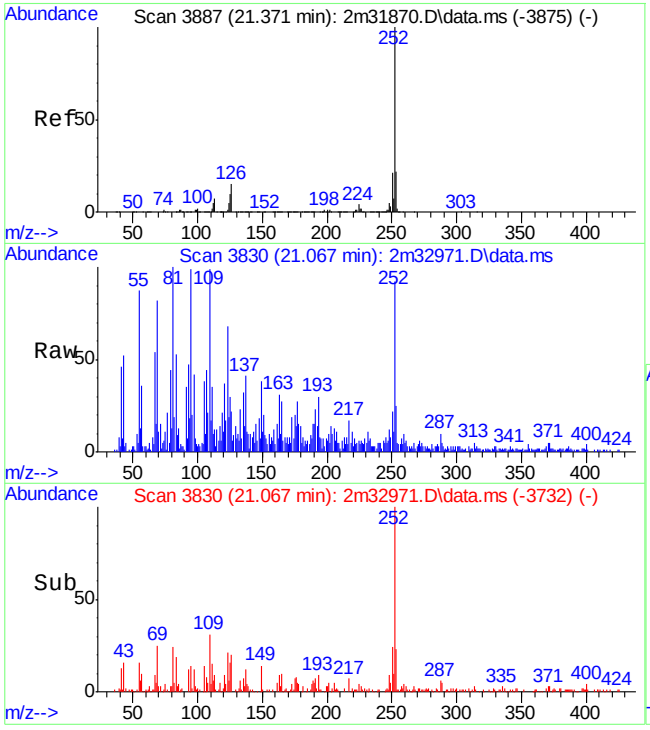


#90
Chrysene
Concen: 0.89 ppb m
RT: 19.537 min Scan# 3544
Delta R.T. -0.011 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:228 Resp: 18508

Ion	Ratio	Lower	Upper
228	100		
226	33.5	0.0	59.3
229	31.9	0.0	49.1

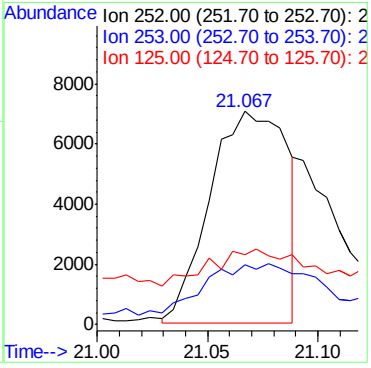


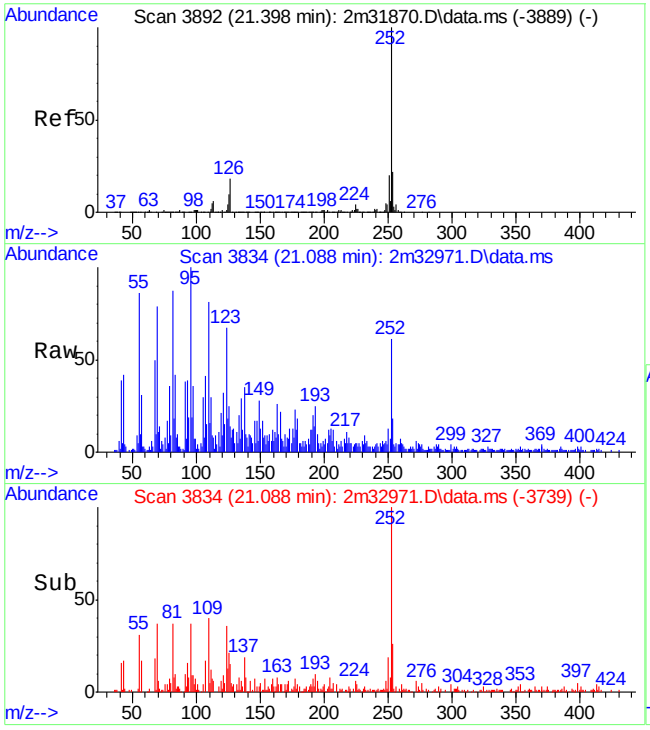


#94
Benzo[b]fluoranthene
Concen: 0.80 ppb m
RT: 21.067 min Scan# 3830
Delta R.T. 0.027 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:252 Resp: 17166

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	51.3
125	32.7	0.0	39.2

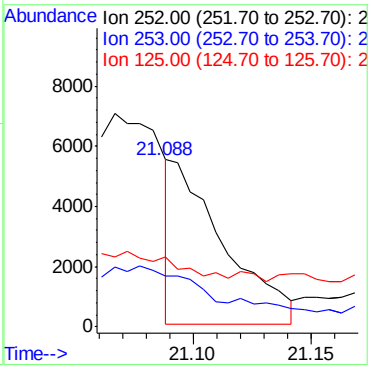


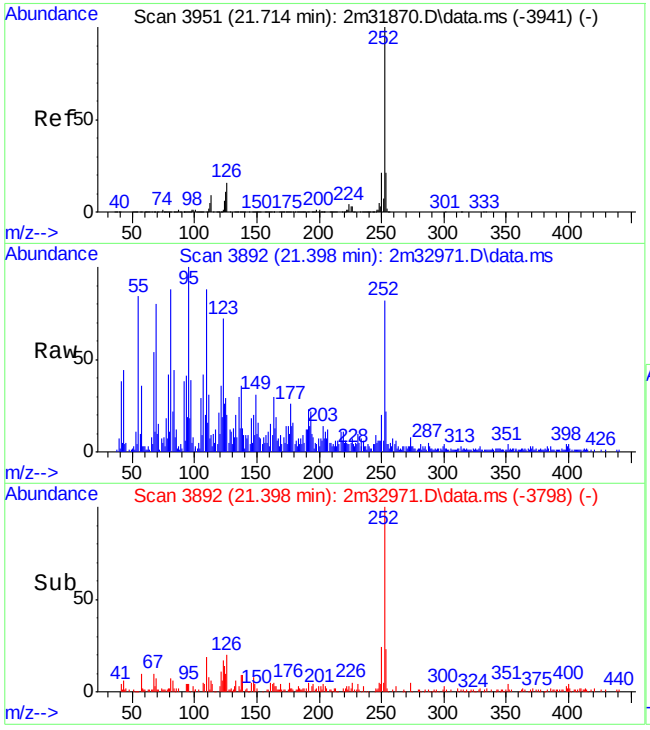


#95
Benzo[k]fluoranthene
Concen: 0.36 ppb m
RT: 21.088 min Scan# 3834
Delta R.T. 0.011 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:252 Resp: 8369

Ion	Ratio	Lower	Upper
252	100		
253	30.5	0.0	52.1
125	41.6	0.0	40.4#

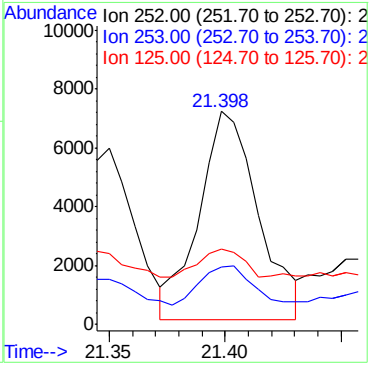


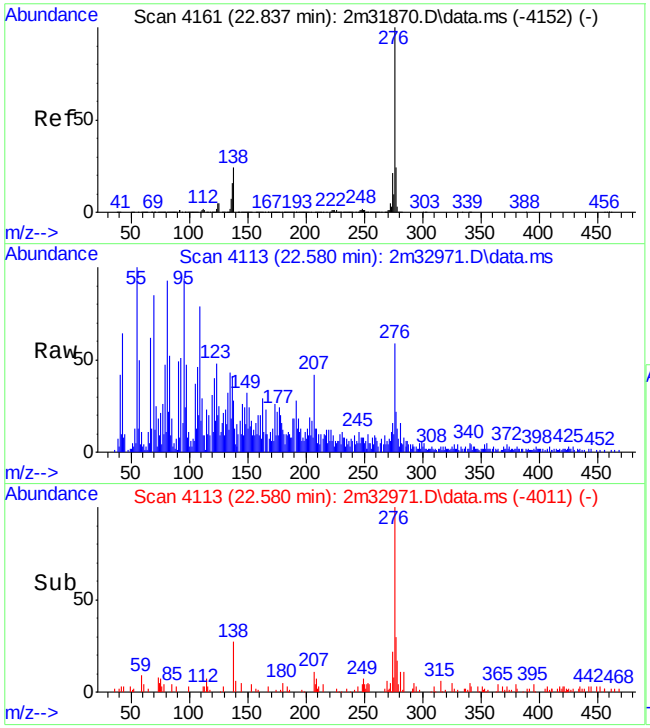


#96
Benzo[a]pyrene
Concen: 0.63 ppb m
RT: 21.398 min Scan# 3892
Delta R.T. 0.005 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:252 Resp: 12746

Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	51.3
125	35.4	0.0	41.3

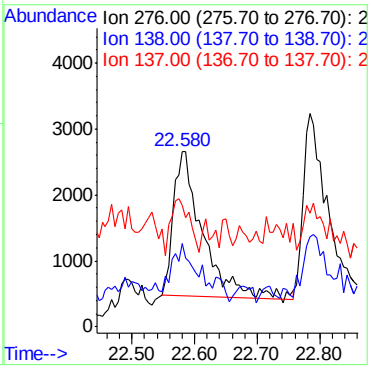


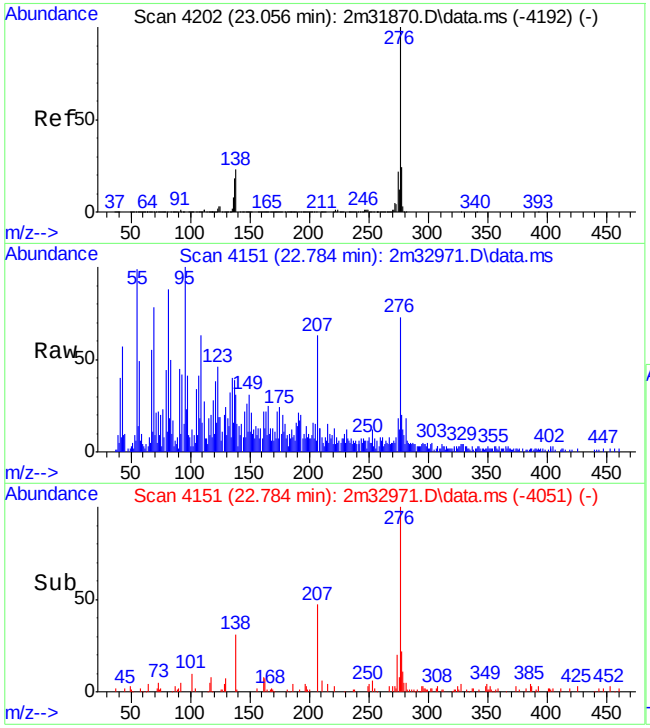


#97
Indeno[1,2,3-cd]pyrene
Concen: 0.41 ppb
RT: 22.580 min Scan# 4113
Delta R.T. 0.048 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:276 Resp: 7048

Ion	Ratio	Lower	Upper
276	100		
138	36.2	0.0	51.9
137	15.0	0.0	44.9

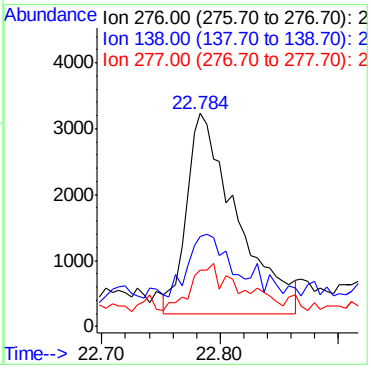




#101
Benzo[g,h,i]perylene
Concen: 0.45 ppb m
RT: 22.784 min Scan# 4151
Delta R.T. 0.037 min
Lab File: 2m32971.D
Acq: 30 Nov 2010 9:07 pm

Tgt Ion:276 Resp: 9068

Ion	Ratio	Lower	Upper
276	100		
138	42.0	0.0	53.3
277	26.6	0.0	54.2



Manual Integration Approval Summary

Sample Number: JA62028-10
Lab FileID: 2M32971.D
Injection Time: 11/30/10 21:07
Method: SW846 8270C
Analyst approved: 12/01/10 12:20 Olga Azarihn
Supervisor approved: 12/02/10 17:44 Wendy Sherwood

Parameter	CAS	Sig#	R.T. (min.)	Reason
Fluorene	86-73-7		11.58	Poorly defined baseline
Benzo(a)anthracene	56-55-3		19.47	Poorly defined baseline
Chrysene	218-01-9		19.54	Poorly defined baseline
Benzo(b)fluoranthene	205-99-2		21.07	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.09	Overlapping peak
Benzo(a)pyrene	50-32-8		21.40	Poorly defined baseline
Benzo(g,h,i)perylene	191-24-2		22.78	Poorly defined baseline

Manual Integrations APPROVED (compounds with "m" flag)
Wendy Sherwood 12/02/10 17:44

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32972.D
Acq On : 30 Nov 2010 9:38 pm
Operator : olgaa
Sample : ja62028-11
Misc : op46866,e2m1424,1000
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 01 11:57:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Dec 01 11:51:43 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.817	152	214351	40.00	ppb	0.00
24) Naphthalene-d8	6.411	136	851890	40.00	ppb	-0.01
47) Acenaphthene-d10	10.327	164	504366	40.00	ppb	-0.01
69) Phenanthrene-d10	13.611	188	744021	40.00	ppb	-0.01
83) Chrysene-d12	19.494	240	771185	40.00	ppb	-0.01
92) Perylene-d12	21.452	264	752420	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	3.817	152	214351	40.00	ppb	0.00
104) Acenaphthene-d10a	10.327	164	504487	40.00	ppb	-0.01
106) Chrysene-d12a	19.494	240	770736	40.00	ppb	-0.01
108) Phenanthrene-d10a	13.611	188	744021	40.00	ppb	-0.01
110) Chrysene-d12b	19.494	240	771185	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.074	112	164763	20.13	ppb	0.03
Spiked Amount 50.000			Recovery = 40.26%			
8) Phenol-d5	3.935	99	130011	12.55	ppb	0.07
Spiked Amount 50.000			Recovery = 25.10%			
25) Nitrobenzene-d5	5.042	82	330749	37.96	ppb	0.00
Spiked Amount 50.000			Recovery = 75.92%			
51) 2-Fluorobiphenyl	9.005	172	647873	37.53	ppb	-0.01
Spiked Amount 50.000			Recovery = 75.06%			
73) 2,4,6-Tribromophenol	12.241	330	105064	46.15	ppb	0.00
Spiked Amount 50.000			Recovery = 92.30%			
85) Terphenyl-d14	17.499	244	619433	46.17	ppb	0.00
Spiked Amount 50.000			Recovery = 92.34%			
Target Compounds						Qvalue
9) Phenol	3.962	94	30832	2.87	ppb	76
19) 2-Methylphenol	5.064	108	15276	2.01	ppb	85
21) 3&4-Methylphenol	5.411	108	59015	7.47	ppb	86
38) Naphthalene	6.454	128	2276307	95.01	ppb	99
44) 2-Methylnaphthalene	8.005	142	560312	35.39	ppb	96
53) Biphenyl	9.161	154	56052	3.09	ppb	97
59) Acenaphthene	10.391	153	171038	12.09	ppb	97
62) Dibenzofuran	10.803	168	64394	3.09	ppb	95
66) Fluorene	11.557	166	93545m	5.70	ppb	
77) Phenanthrene	13.659	178	482143	21.16	ppb	100
78) Anthracene	13.771	178	122520m	5.46	ppb	
79) Carbazole	14.418	167	118111m	5.38	ppb	
81) Fluoranthene	16.349	202	250072	11.25	ppb	99
84) Pyrene	16.804	202	240153m	10.42	ppb	
88) Benzo[a]anthracene	19.473	228	109773	5.15	ppb	97
90) Chrysene	19.537	228	119100m	5.66	ppb	
94) Benzo[b]fluoranthene	21.045	252	97809m	4.62	ppb	
95) Benzo[k]fluoranthene	21.056	252	80692m	3.53	ppb	
96) Benzo[a]pyrene	21.393	252	110727	5.49	ppb	96
97) Indeno[1,2,3-cd]pyrene	22.548	276	66492m	3.89	ppb	
99) Dibenz[a,h]anthracene	22.580	278	23961m	1.33	ppb	
101) Benzo[g,h,i]perylene	22.757	276	72903	3.69	ppb	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32972.D
Acq On : 30 Nov 2010 9:38 pm
Operator : olgaa
Sample : ja62028-11
Misc : op46866,e2m1424,1000
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 01 11:57:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Dec 01 11:51:43 2010
Response via : Initial Calibration

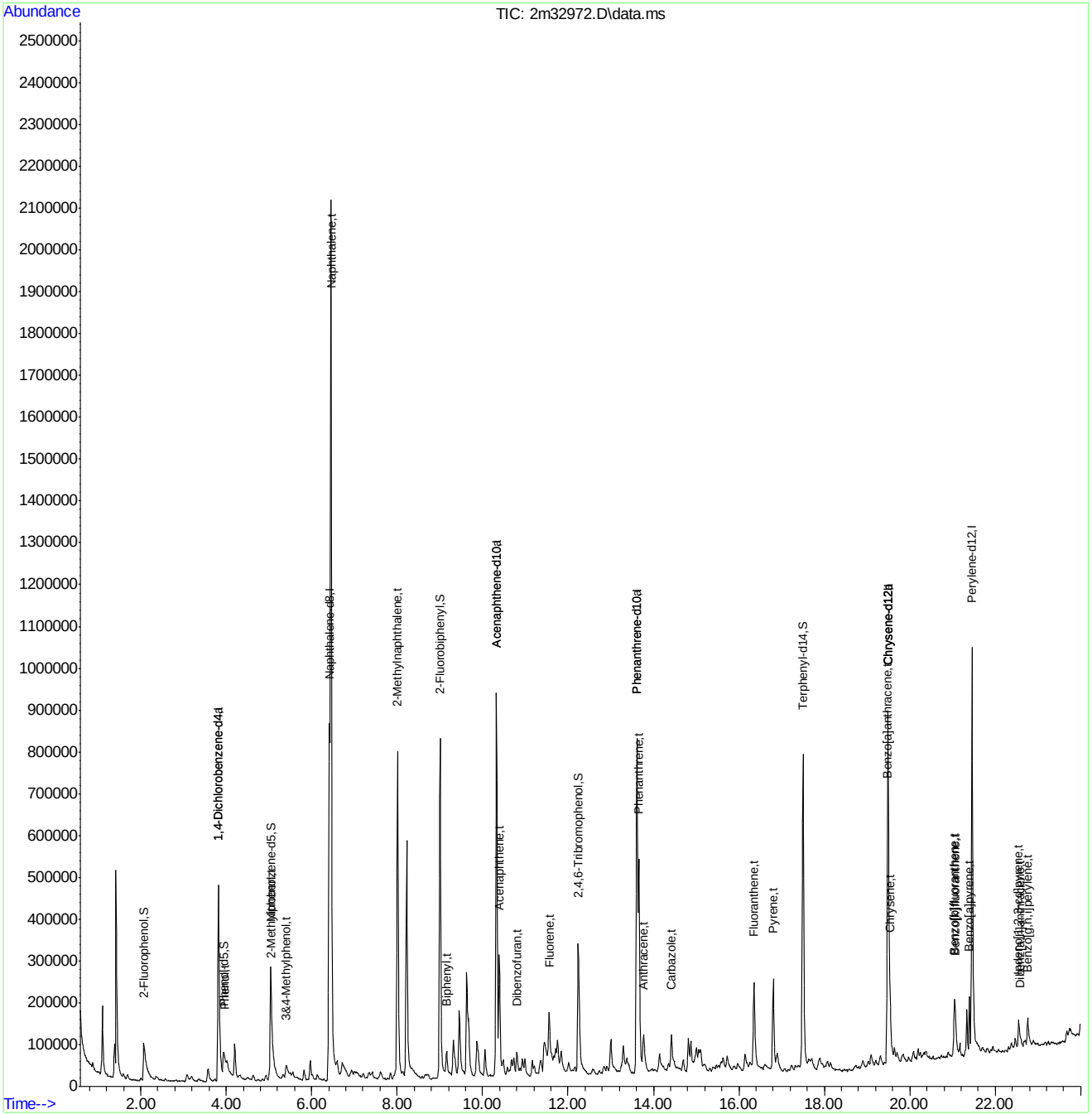
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

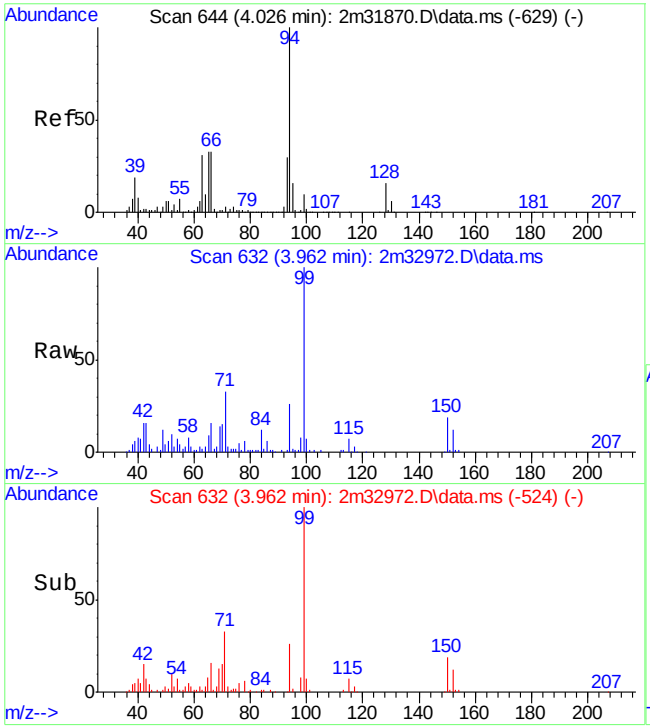
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32972.D
Acq On : 30 Nov 2010 9:38 pm
Operator : olgaa
Sample : ja62028-11
Misc : op46866,e2m1424,1000
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 01 11:57:50 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Dec 01 11:51:43 2010
Response via : Initial Calibration

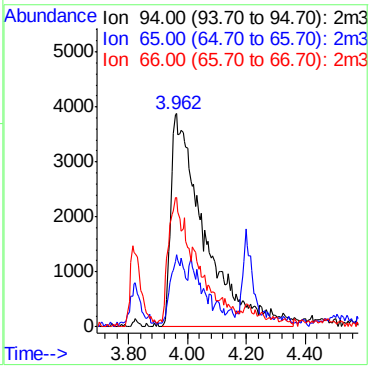


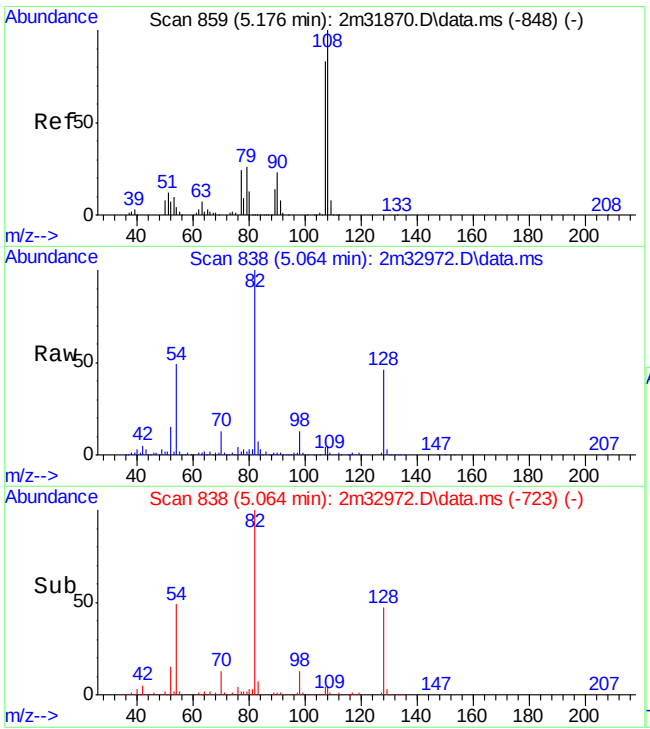


#9
Phenol
Concen: 2.87 ppb
RT: 3.962 min Scan# 632
Delta R.T. 0.080 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion: 94 Resp: 30832

Ion	Ratio	Lower	Upper
94	100		
65	32.3	3.4	63.4
66	59.7	3.3	63.3

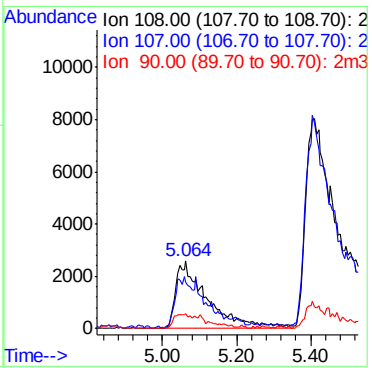


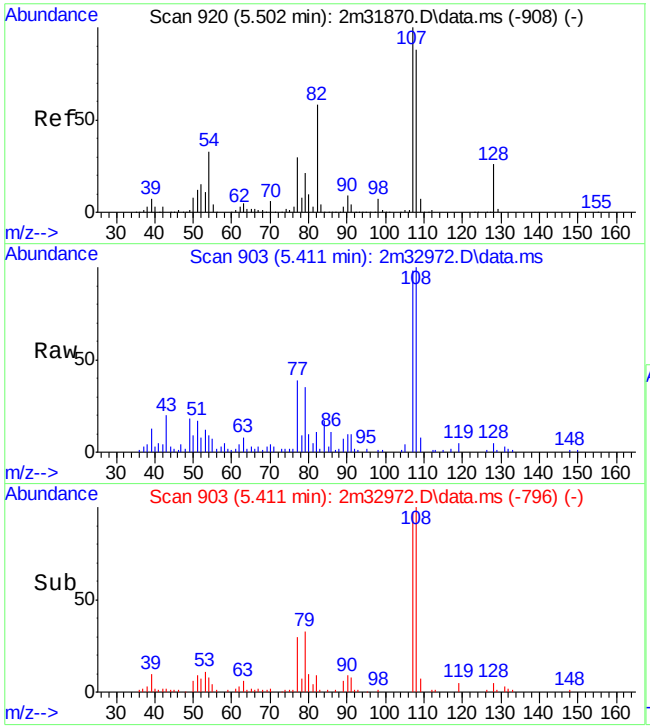


#19
2-Methylphenol
Concen: 2.01 ppb
RT: 5.064 min Scan# 838
Delta R.T. 0.118 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:108 Resp: 15276

Ion	Ratio	Lower	Upper
108	100		
107	66.6	53.5	113.5
90	22.2	0.0	52.8

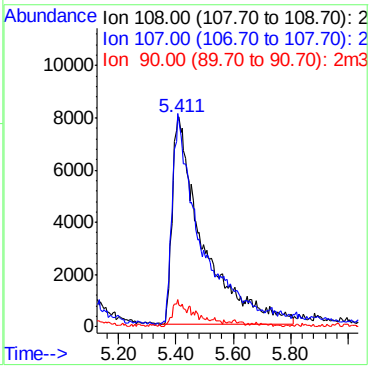


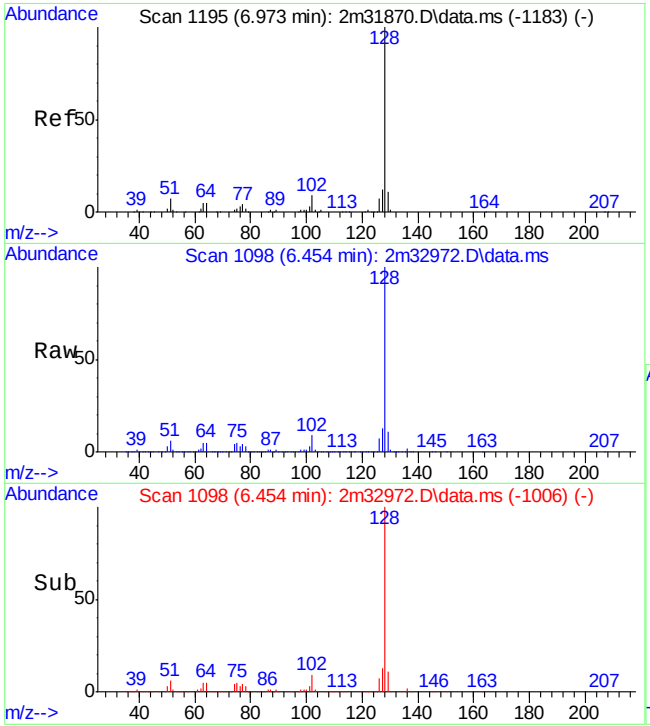


#21
3&4-Methylphenol
Concen: 7.47 ppb
RT: 5.411 min Scan# 903
Delta R.T. 0.075 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:108 Resp: 59015

Ion	Ratio	Lower	Upper
108	100		
107	96.8	83.5	143.5
90	10.1	0.0	39.9

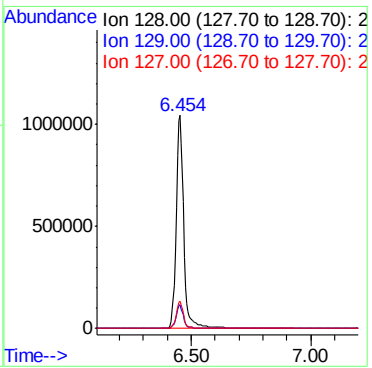


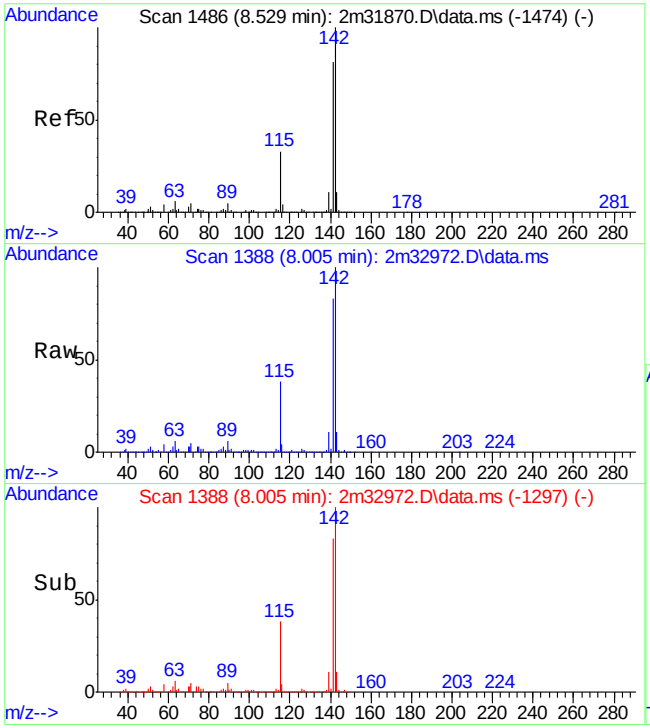


#38
Naphthalene
Concen: 95.01 ppb
RT: 6.454 min Scan# 1098
Delta R.T. -0.005 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:128 Resp: 2276307

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	41.0
127	13.0	0.0	42.4

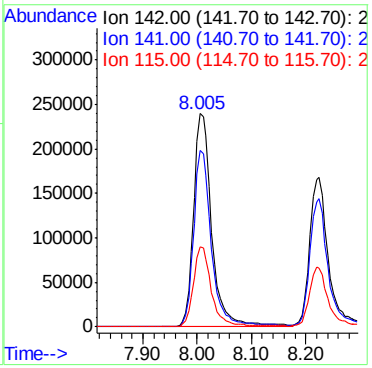


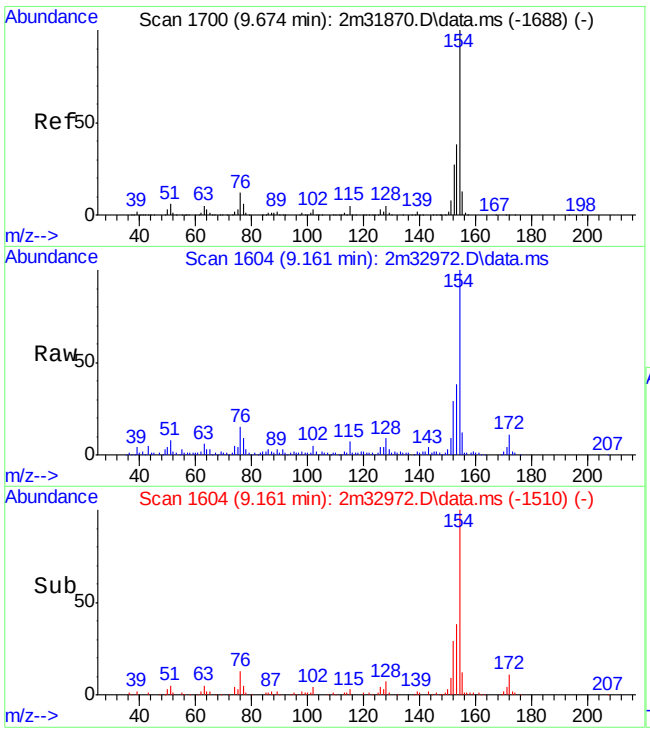


#44
2-Methylnaphthalene
Concen: 35.39 ppb
RT: 8.005 min Scan# 1388
Delta R.T. -0.011 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:142 Resp: 560312

Ion	Ratio	Lower	Upper
142	100		
141	83.0	51.3	111.3
115	37.6	3.0	63.0

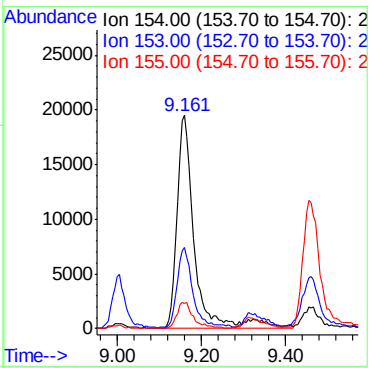


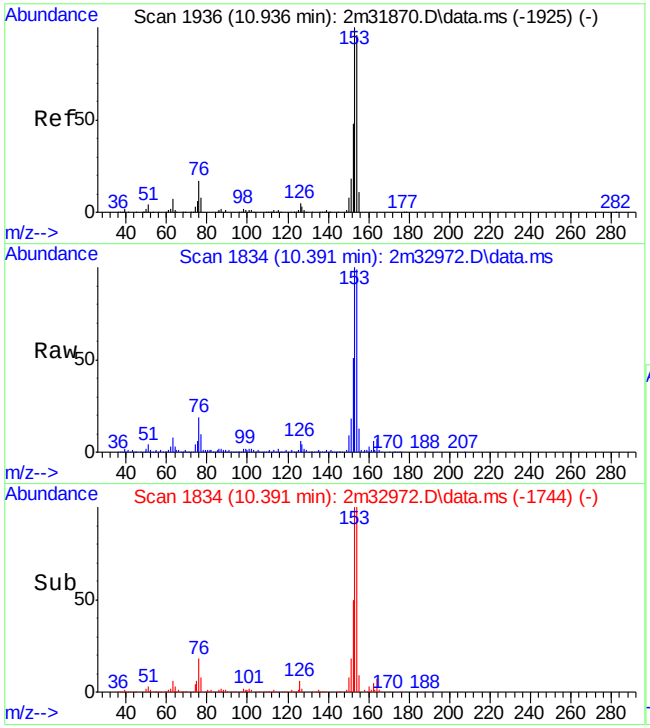


#53
Biphenyl
Concen: 3.09 ppb
RT: 9.161 min Scan# 1604
Delta R.T. 0.005 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:154 Resp: 56052

Ion	Ratio	Lower	Upper
154	100		
153	36.6	8.3	68.3
155	10.7	0.0	42.6

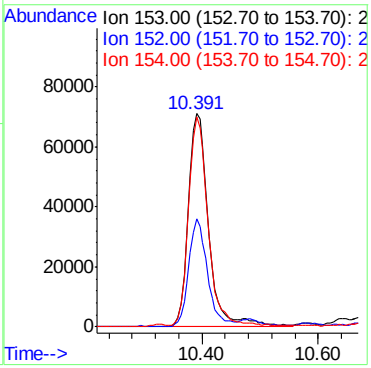


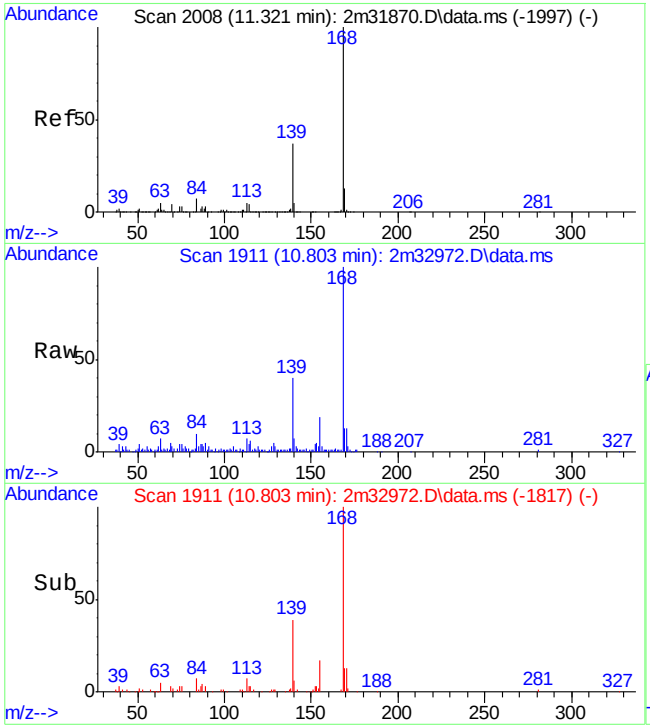


#59
Acenaphthene
Concen: 12.09 ppb
RT: 10.391 min Scan# 1834
Delta R.T. -0.016 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:153 Resp: 171038

Ion	Ratio	Lower	Upper
153	100		
152	50.6	18.0	78.0
154	98.0	66.0	126.0

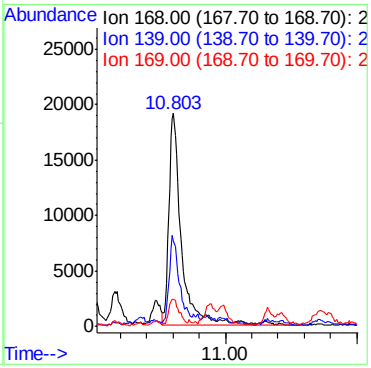


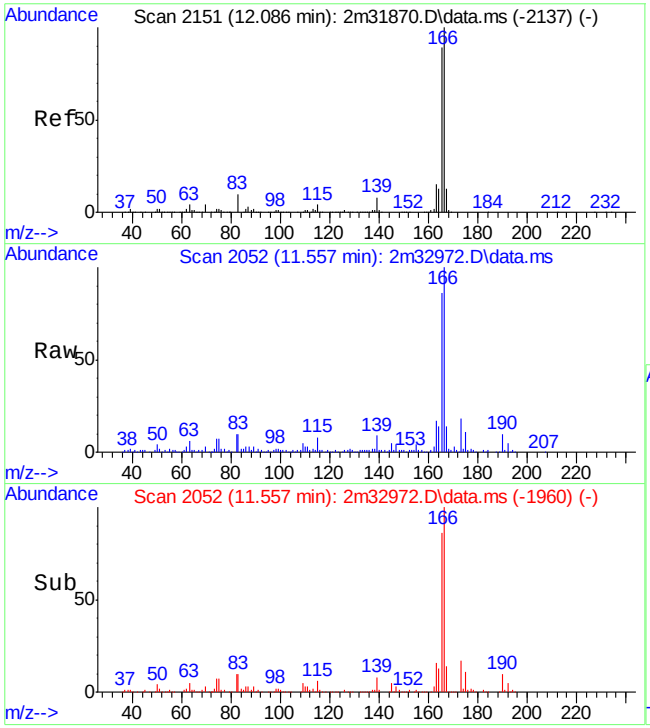


#62
Dibenzofuran
Concen: 3.09 ppb
RT: 10.803 min Scan# 1911
Delta R.T. 0.005 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:168 Resp: 64394

Ion	Ratio	Lower	Upper
168	100		
139	40.2	7.1	67.1
169	11.7	0.0	43.4

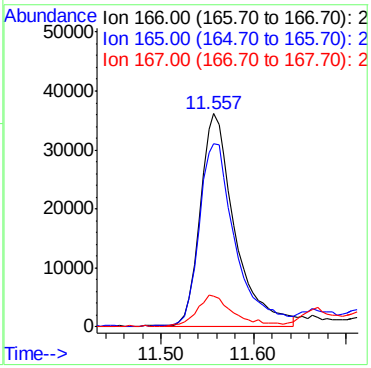


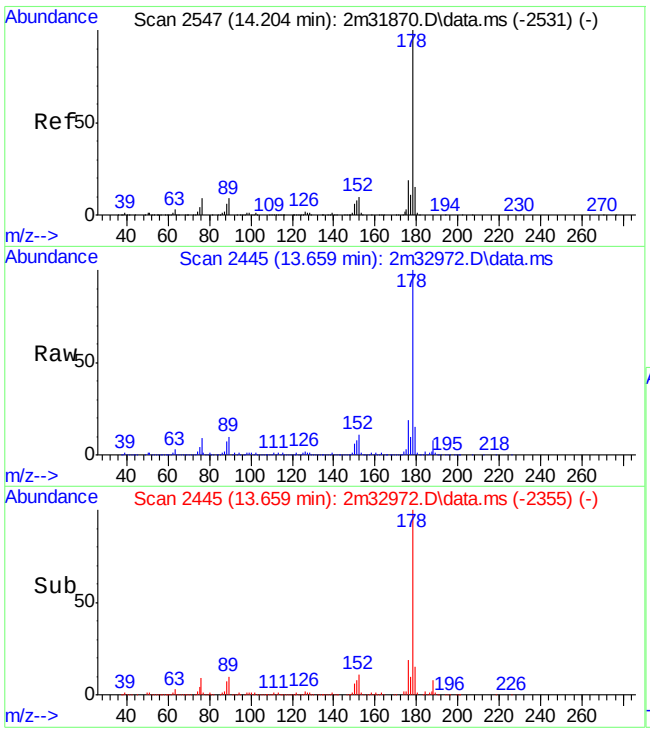


#66
Fluorene
Concen: 5.70 ppb m
RT: 11.557 min Scan# 2052
Delta R.T. -0.005 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:166 Resp: 93545

Ion	Ratio	Lower	Upper
166	100		
165	85.6	59.5	119.5
167	14.1	0.0	43.4

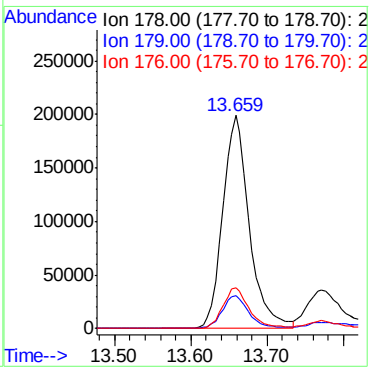


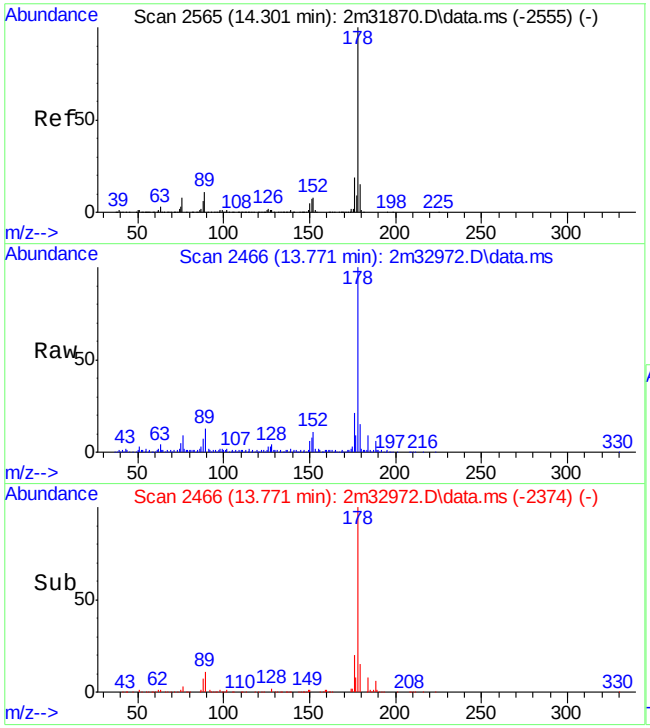


#77
Phenanthrene
Concen: 21.16 ppb
RT: 13.659 min Scan# 2445
Delta R.T. -0.016 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:178 Resp: 482143

Ion	Ratio	Lower	Upper
178	100		
179	15.4	0.0	45.1
176	18.9	0.0	48.9

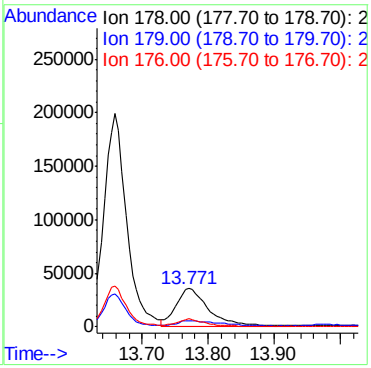


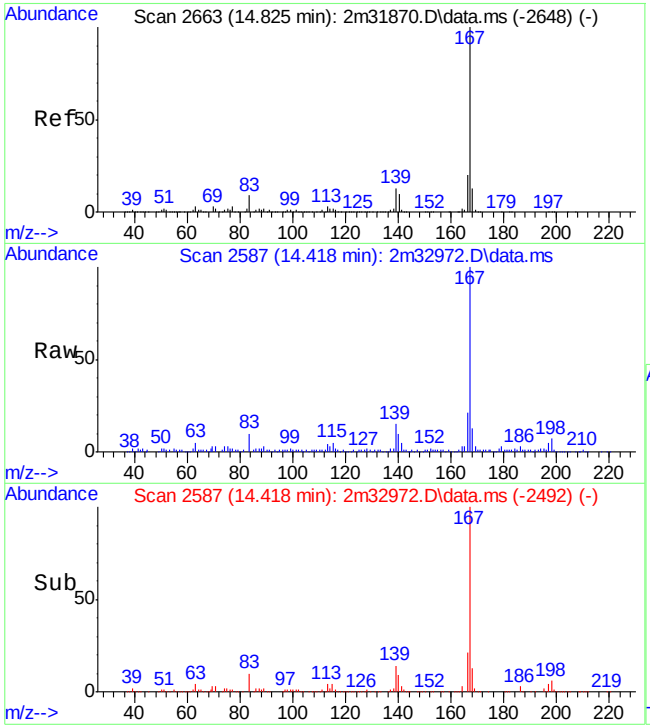


#78
Anthracene
Concen: 5.46 ppb m
RT: 13.771 min Scan# 2466
Delta R.T. -0.005 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:178 Resp: 122520

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	45.0
176	20.6	0.0	48.6

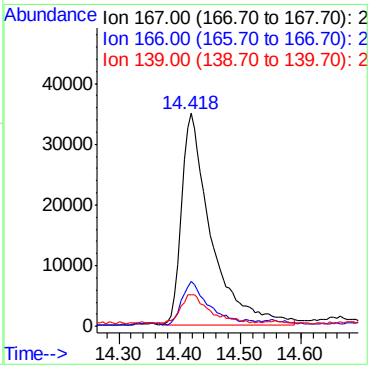


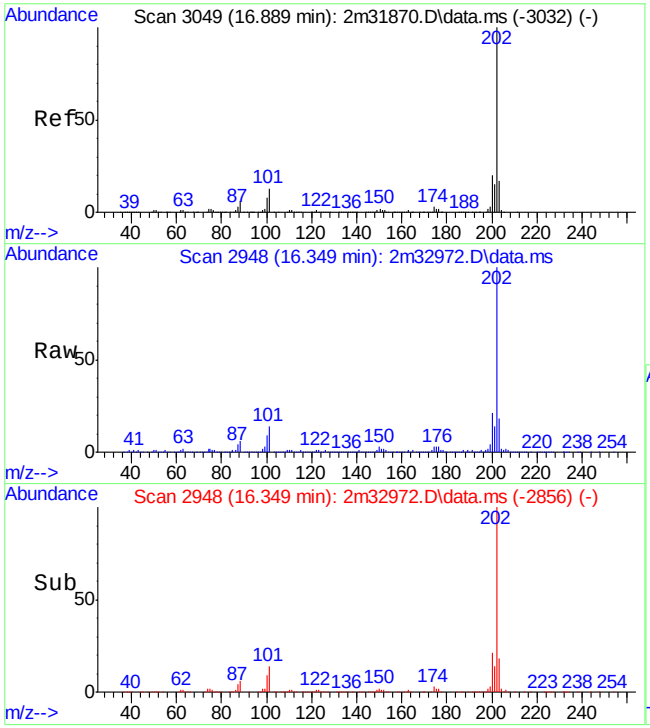


#79
Carbazole
Concen: 5.38 ppb m
RT: 14.418 min Scan# 2587
Delta R.T. 0.011 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:167 Resp: 118111

Ion	Ratio	Lower	Upper
167	100		
166	21.4	0.0	49.9
139	14.8	0.0	42.7

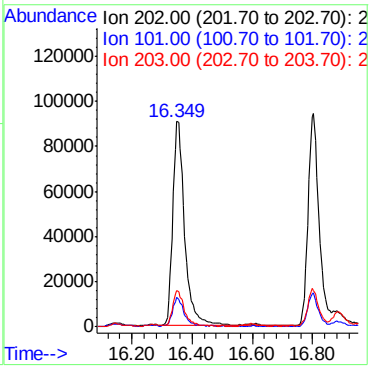


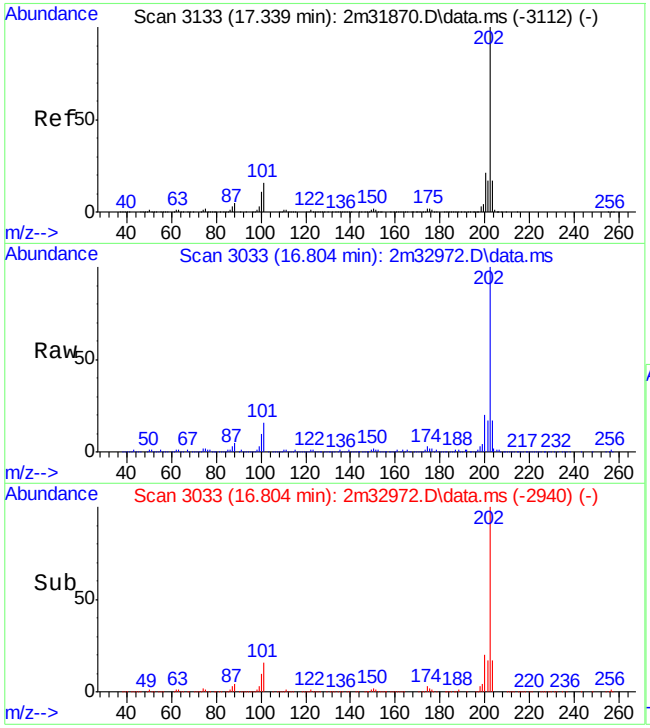


#81
Fluoranthene
Concen: 11.25 ppb
RT: 16.349 min Scan# 2948
Delta R.T. -0.005 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:202 Resp: 250072

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	43.0
203	17.5	0.0	47.4

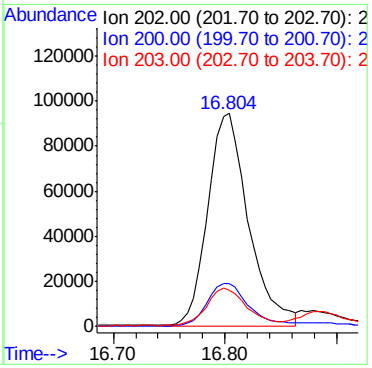


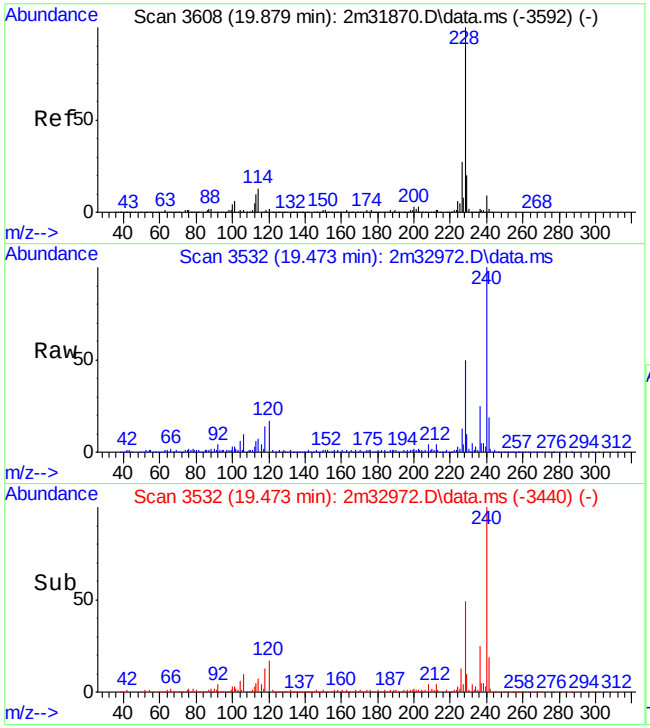


#84
Pyrene
Concen: 10.42 ppb m
RT: 16.804 min Scan# 3033
Delta R.T. -0.000 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:202 Resp: 240153

Ion	Ratio	Lower	Upper
202	100		
200	20.1	0.0	51.0
203	17.1	0.0	47.2

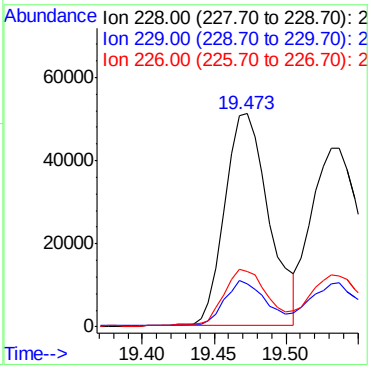


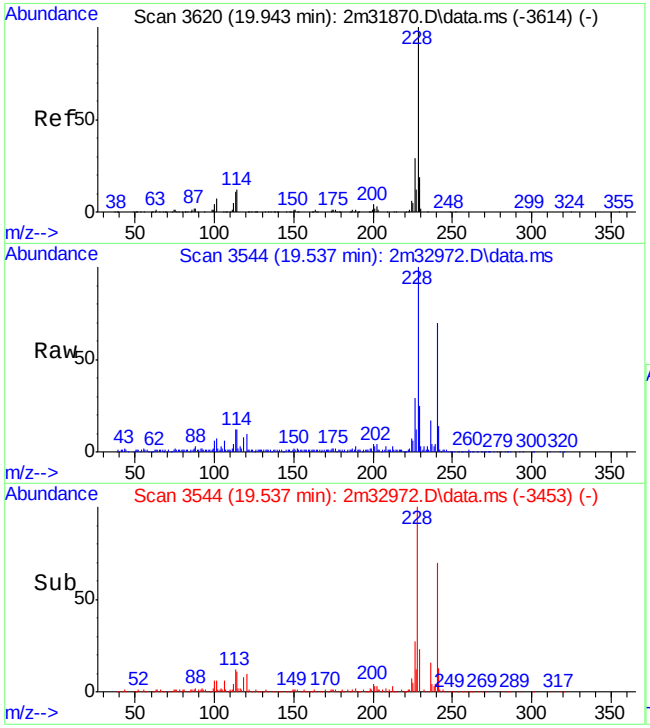


#88
Benzo[a]anthracene
Concen: 5.15 ppb
RT: 19.473 min Scan# 3532
Delta R.T. -0.005 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:228 Resp: 109773

Ion	Ratio	Lower	Upper
228	100		
229	18.7	0.0	50.0
226	25.2	0.0	56.5

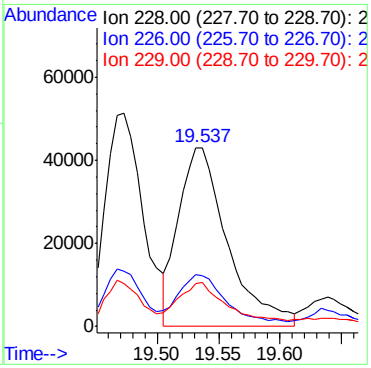


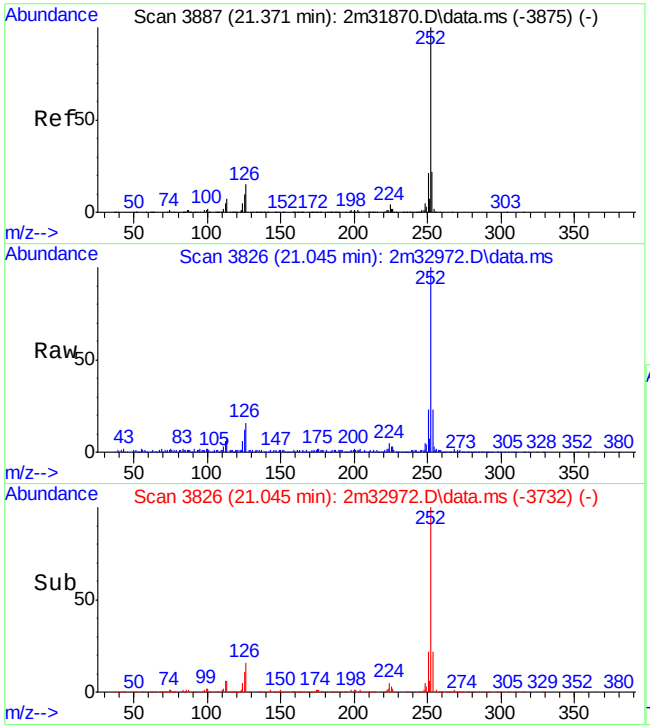


#90
Chrysene
Concen: 5.66 ppb m
RT: 19.537 min Scan# 3544
Delta R.T. -0.011 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:228 Resp: 119100

Ion	Ratio	Lower	Upper
228	100		
226	28.6	0.0	59.3
229	24.6	0.0	49.1

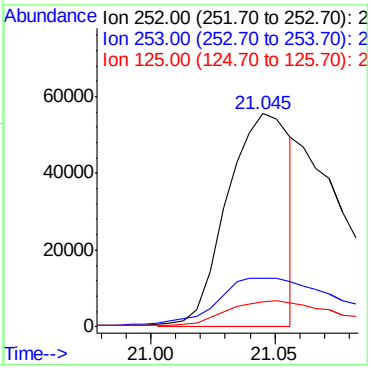


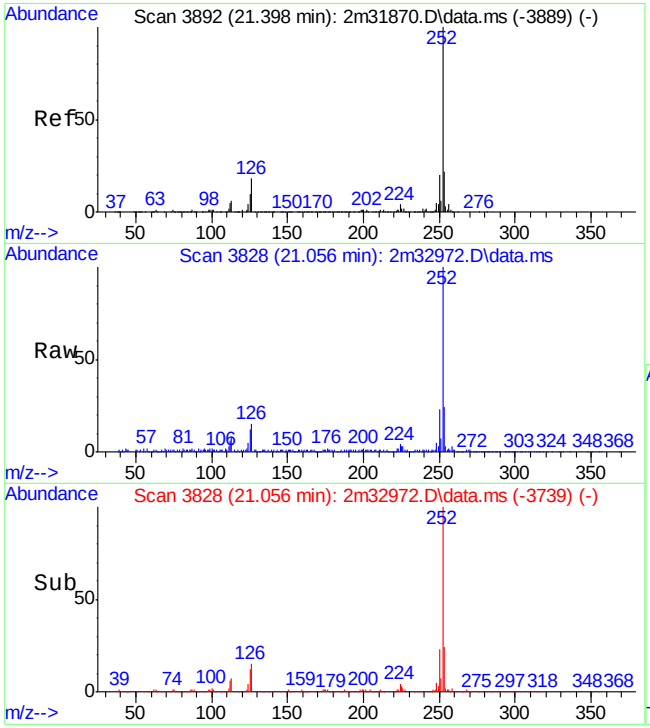


#94
Benzo[b]fluoranthene
Concen: 4.62 ppb m
RT: 21.045 min Scan# 3826
Delta R.T. 0.005 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:252 Resp: 97809

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	51.3
125	11.9	0.0	39.2

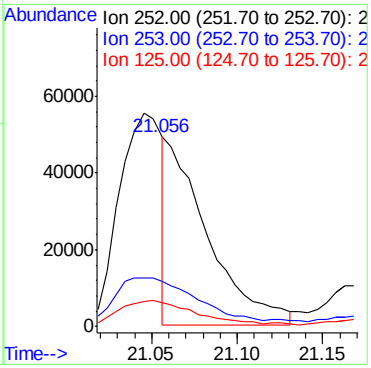


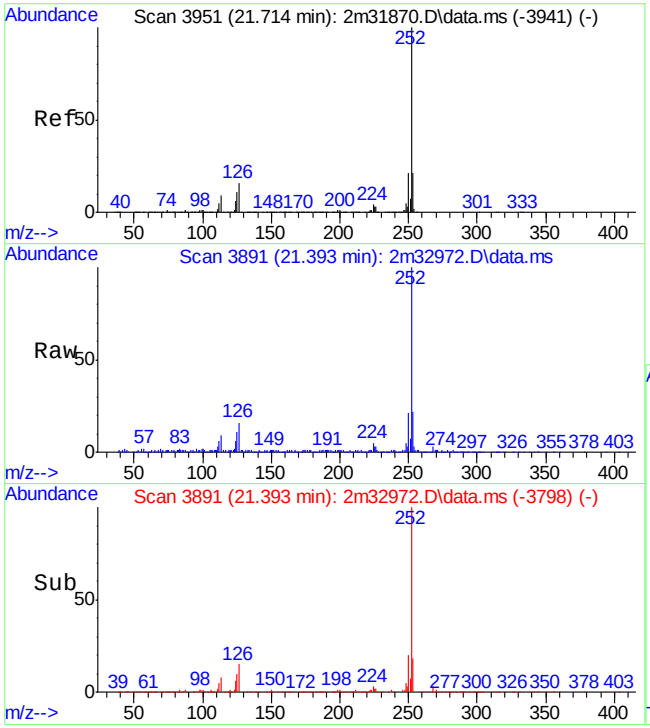


#95
Benzo[k]fluoranthene
Concen: 3.53 ppb m
RT: 21.056 min Scan# 3828
Delta R.T. -0.022 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:252 Resp: 80692

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	52.1
125	12.3	0.0	40.4

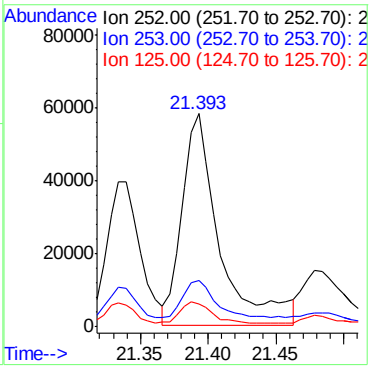


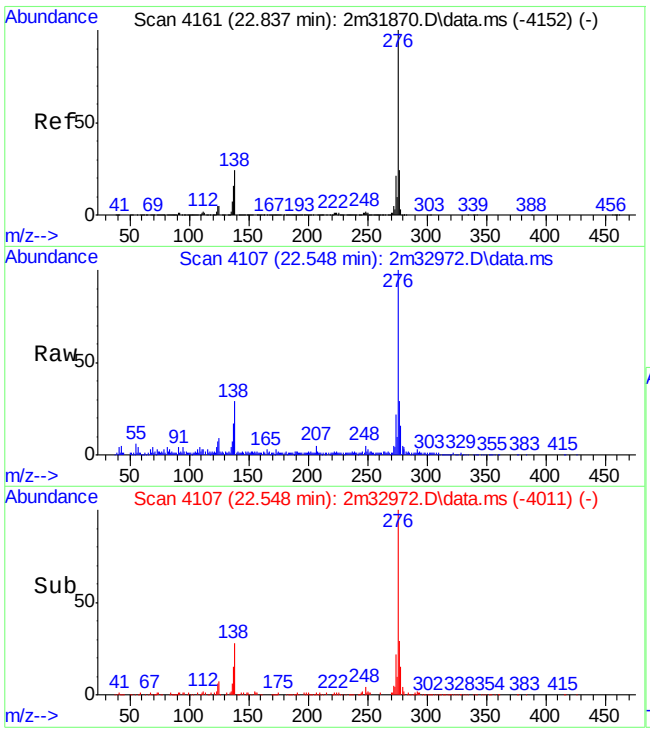


#96
Benzo[a]pyrene
Concen: 5.49 ppb
RT: 21.393 min Scan# 3891
Delta R.T. -0.000 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:252 Resp: 110727

Ion	Ratio	Lower	Upper
252	100		
253	19.2	0.0	51.3
125	10.0	0.0	41.3

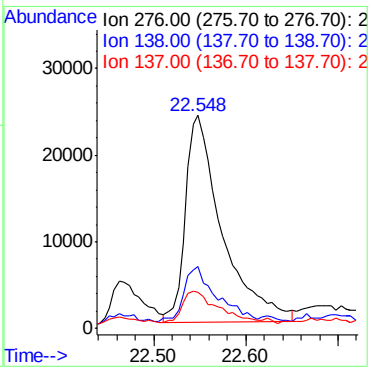


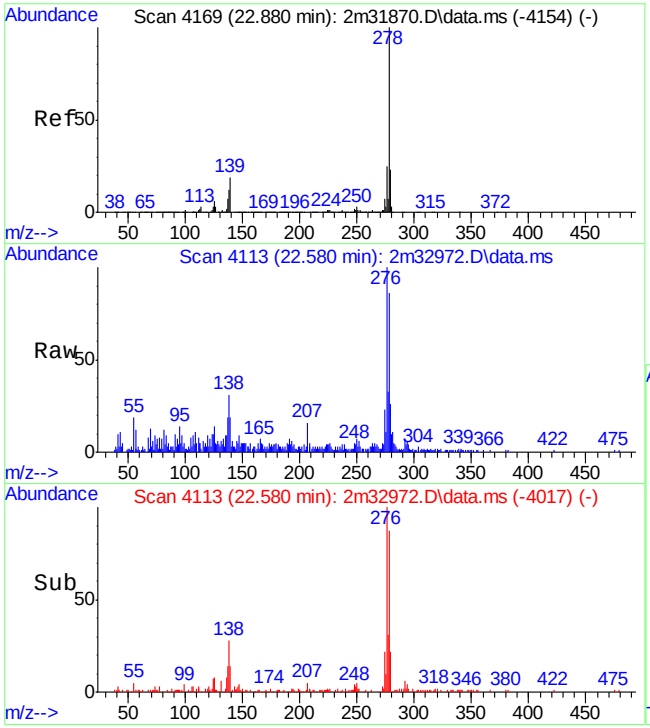


#97
Indeno[1,2,3-cd]pyrene
Concen: 3.89 ppb m
RT: 22.548 min Scan# 4107
Delta R.T. 0.016 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:276 Resp: 66492

Ion	Ratio	Lower	Upper
276	100		
138	28.9	0.0	51.9
137	17.1	0.0	44.9

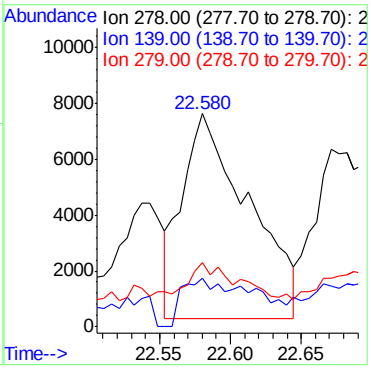


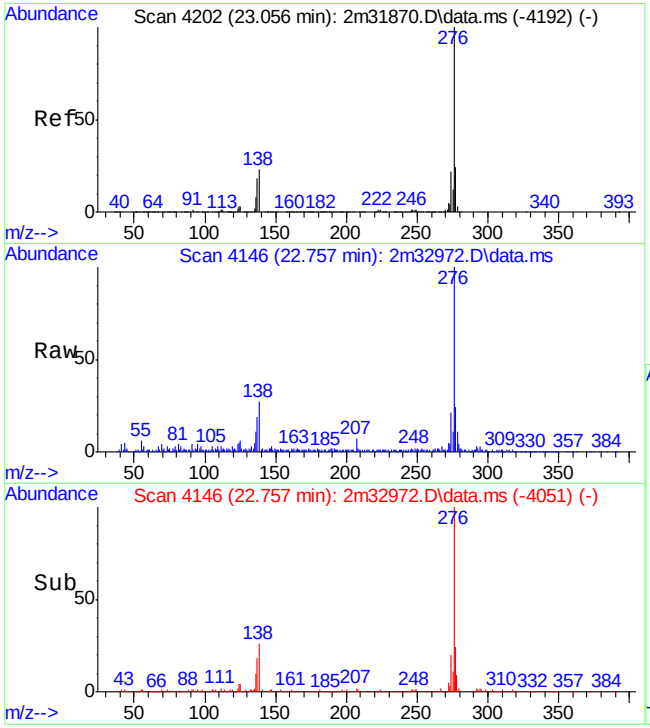


#99
Dibenz[a,h]anthracene
Concen: 1.33 ppb m
RT: 22.580 min Scan# 4113
Delta R.T. 0.016 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:278 Resp: 23961

Ion	Ratio	Lower	Upper
278	100		
139	22.5	0.0	48.7
279	30.2	0.0	53.4

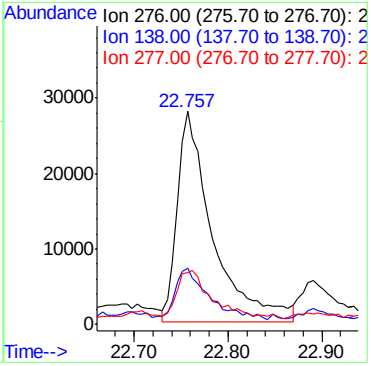




#101
Benzo[g,h,i]perylene
Concen: 3.69 ppb
RT: 22.757 min Scan# 4146
Delta R.T. 0.011 min
Lab File: 2m32972.D
Acq: 30 Nov 2010 9:38 pm

Tgt Ion:276 Resp: 72903

Ion	Ratio	Lower	Upper
276	100		
138	25.0	0.0	53.3
277	21.9	0.0	54.2



Manual Integration Approval Summary

Sample Number: JA62028-11
Lab FileID: 2M32972.D
Injection Time: 11/30/10 21:38
Method: SW846 8270C
Analyst approved: 12/01/10 12:20 Olga Azarihn
Supervisor approved: 12/02/10 17:44 Wendy Sherwood

Parameter	CAS	Sig#	R.T. (min.)	Reason
Fluorene	86-73-7		11.56	Poorly defined baseline
Anthracene	120-12-7		13.77	Poorly defined baseline
Carbazole	86-74-8		14.42	Poorly defined baseline
Pyrene	129-00-0		16.80	Poorly defined baseline
Chrysene	218-01-9		19.54	Poorly defined baseline
Benzo(b)fluoranthene	205-99-2		21.05	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.06	Overlapping peak
Indeno(1,2,3-cd)pyrene	193-39-5		22.55	Poorly defined baseline
Dibenzo(a,h)anthracene	53-70-3		22.58	Overlapping peak

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32837.D
Acq On : 22 Nov 2010 12:36 pm
Operator : olgaa
Sample : op46866-mb1
Misc : op46866,e2m1417,1000
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 23 14:45:24 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Nov 11 10:06:08 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.898	152	368415	40.00	ppb	-0.09
24) Naphthalene-d8	6.492	136	1385772	40.00	ppb	-0.11
47) Acenaphthene-d10	10.412	164	817482	40.00	ppb	-0.11
69) Phenanthrene-d10	13.702	188	1195710	40.00	ppb	-0.11
83) Chrysene-d12	19.558	240	1250957	40.00	ppb	-0.10
92) Perylene-d12	21.511	264	1194289	40.00	ppb	-0.07
102) 1,4-Dichlorobenzene-d4a	3.898	152	368415	40.00	ppb	-0.09
104) Acenaphthene-d10a	10.412	164	814161	40.00	ppb	-0.11
106) Chrysene-d12a	19.558	240	1247323	40.00	ppb	-0.10
108) Phenanthrene-d10a	13.702	188	1200689	40.00	ppb	-0.11
110) Chrysene-d12b	19.558	240	1250957	40.00	ppb	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	2.191	112	383970	27.30	ppb	-0.15
Spiked Amount 50.000			Recovery = 54.60%			
8) Phenol-d5	4.085	99	303156	17.02	ppb	-0.19
Spiked Amount 50.000			Recovery = 34.04%			
25) Nitrobenzene-d5	5.117	82	635385	44.82	ppb	-0.10
Spiked Amount 50.000			Recovery = 89.64%			
51) 2-Fluorobiphenyl	9.086	172	1137518	40.66	ppb	-0.11
Spiked Amount 50.000			Recovery = 81.32%			
73) 2,4,6-Tribromophenol	12.338	330	171558	46.89	ppb	-0.12
Spiked Amount 50.000			Recovery = 93.78%			
85) Terphenyl-d14	17.585	244	1084595	49.83	ppb	-0.12
Spiked Amount 50.000			Recovery = 99.66%			

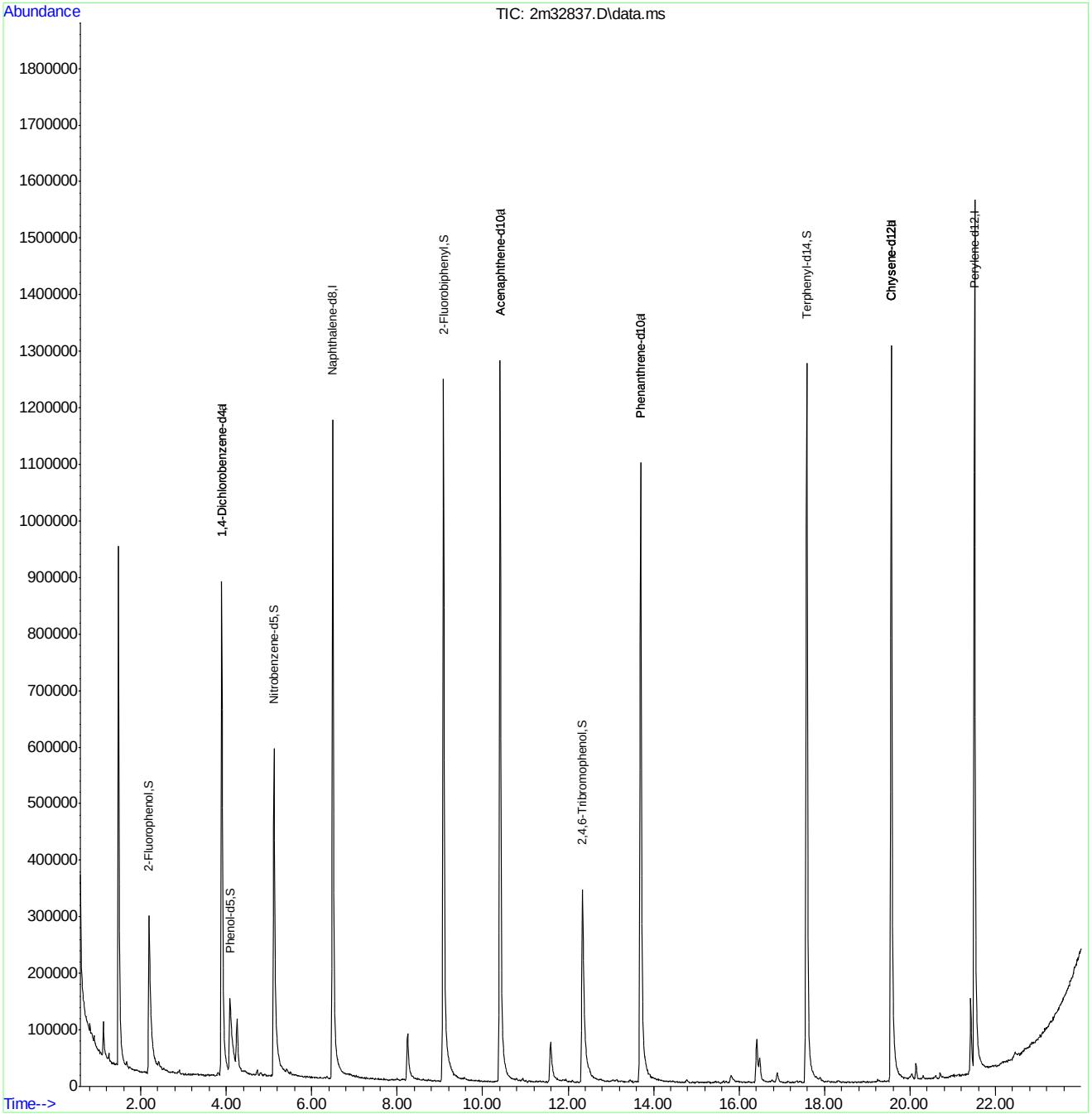
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32837.D
Acq On : 22 Nov 2010 12:36 pm
Operator : olgaa
Sample : op46866-mb1
Misc : op46866,e2m1417,1000
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 23 14:45:24 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Nov 11 10:06:08 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93517.D Vial: 4
Acq On : 29 Nov 2010 11:52 pm Operator: larisap
Sample : op46863-mb1 Inst : MSF
Misc : op46863,ef4370,35.1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 00:09:32 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

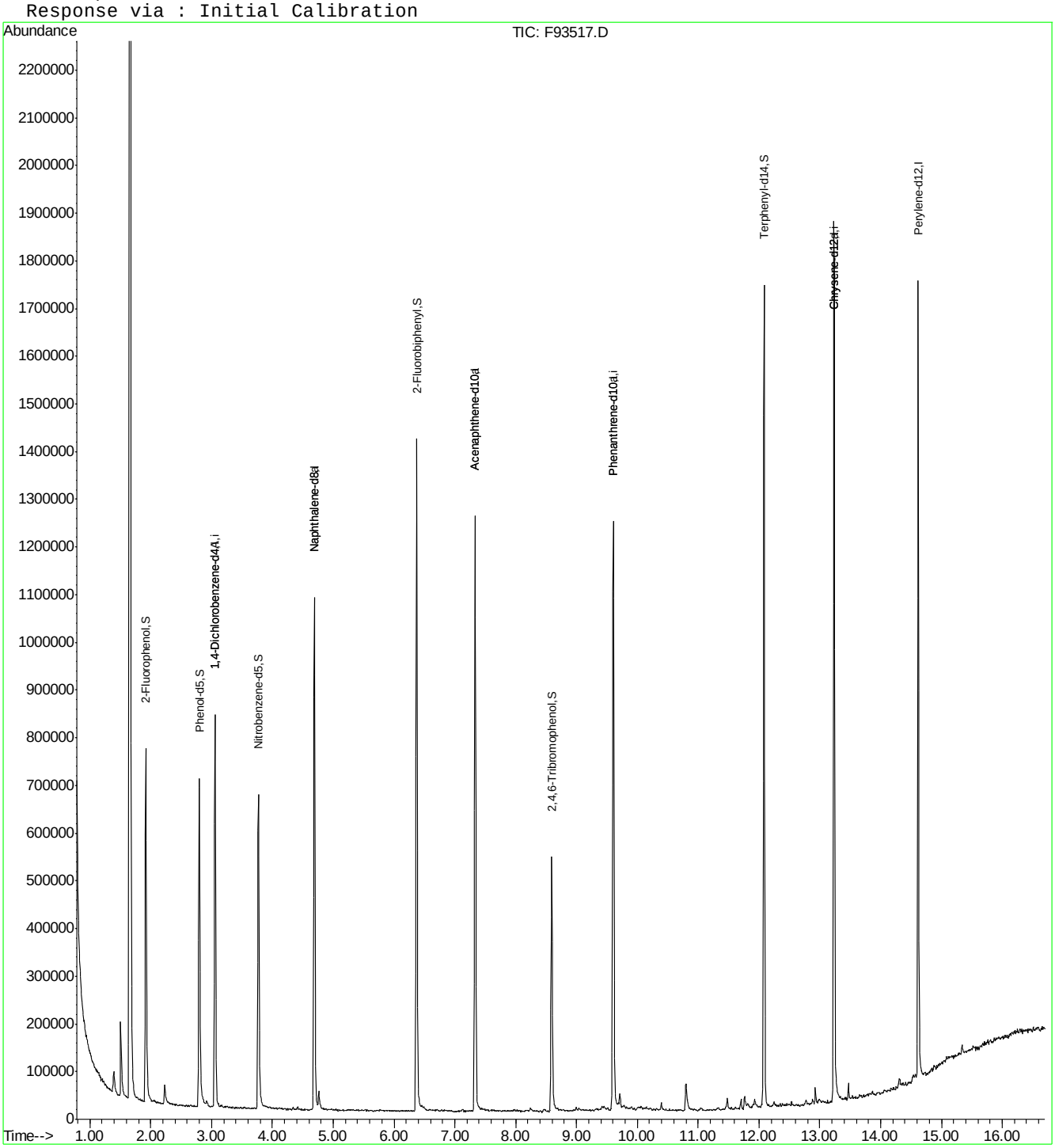
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.06	152	181398	40.00	ppb	-0.03
24) Naphthalene-d8	4.69	136	660476	40.00	ppb	-0.03
47) Acenaphthene-d10	7.33	164	427041	40.00	ppb	-0.03
69) Phenanthrene-d10	9.61	188	729238	40.00	ppb	-0.03
83) Chrysene-d12	13.23	240	842553	40.00	ppb	-0.03
92) Perylene-d12	14.62	264	715239	40.00	ppb	-0.02
102) 1,4-Dichlorobenzene-d4A	3.06	152	181398	40.00	ppb	-0.03
104) Acenaphthene-d10a	7.33	164	427041	40.00	ppb	-0.03
106) Phenanthrene-d10a	9.61	188	729238	40.00	ppb	-0.03
108) Chrysene-d12a	13.23	240	842553	40.00	ppb	-0.03
110) Naphthalene-d8a	4.69	136	660476	40.00	ppb	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	1.92	112	250201	42.30	ppb	-0.02
Spiked Amount 50.000			Recovery =	84.60%		
8) Phenol-d5	2.80	99	347740	48.45	ppb	-0.01
Spiked Amount 50.000			Recovery =	96.90%		
25) Nitrobenzene-d5	3.77	82	310969	47.66	ppb	-0.03
Spiked Amount 50.000			Recovery =	95.32%		
51) 2-Fluorobiphenyl	6.37	172	654764	42.91	ppb	-0.03
Spiked Amount 50.000			Recovery =	85.82%		
73) 2,4,6-Tribromophenol	8.60	330	96166	54.74	ppb	-0.02
Spiked Amount 50.000			Recovery =	109.48%		
85) Terphenyl-d14	12.08	244	693875	40.55	ppb	-0.02
Spiked Amount 50.000			Recovery =	81.10%		
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93517.D Vial: 4
Acq On : 29 Nov 2010 11:52 pm Operator: larisap
Sample : op46863-mb1 Inst : MSF
Misc : op46863,ef4370,35.1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 7:46 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 23:27:14 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Cheng-Hwan Ao
11/23/10 17:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32838.D
Acq On : 22 Nov 2010 1:07 pm
Operator : olgaa
Sample : op46866-bs1
Misc : op46866,e2m1417,1000
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 14:46:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Nov 11 10:06:08 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.898	152	400229	40.00	ppb	-0.09
24) Naphthalene-d8	6.497	136	1489854	40.00	ppb	-0.10
47) Acenaphthene-d10	10.412	164	874326	40.00	ppb	-0.11
69) Phenanthrene-d10	13.702	188	1271496	40.00	ppb	-0.11
83) Chrysene-d12	19.569	240	1355939	40.00	ppb	-0.09
92) Perylene-d12	21.511	264	1228954	40.00	ppb	-0.07
102) 1,4-Dichlorobenzene-d4a	3.898	152	400229	40.00	ppb	-0.09
104) Acenaphthene-d10a	10.412	164	871926	40.00	ppb	-0.11
106) Chrysene-d12a	19.569	240	1353662	40.00	ppb	-0.09
108) Phenanthrene-d10a	13.702	188	1271496	40.00	ppb	-0.11
110) Chrysene-d12b	19.569	240	1355939	40.00	ppb	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	2.191	112	428279	28.03	ppb	-0.15
Spiked Amount 50.000			Recovery =	56.06%		
8) Phenol-d5	4.053	99	369183	19.08	ppb	-0.22
Spiked Amount 50.000			Recovery =	38.16%		
25) Nitrobenzene-d5	5.117	82	676642	44.40	ppb	-0.10
Spiked Amount 50.000			Recovery =	88.80%		
51) 2-Fluorobiphenyl	9.091	172	1255845	41.97	ppb	-0.10
Spiked Amount 50.000			Recovery =	83.94%		
73) 2,4,6-Tribromophenol	12.332	330	198897	51.12	ppb	-0.13
Spiked Amount 50.000			Recovery =	102.24%		
85) Terphenyl-d14	17.585	244	1132307	48.00	ppb	-0.12
Spiked Amount 50.000			Recovery =	96.00%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.672	88	142147	22.77	ppb	97
3) Pyridine	0.811	79	254477	15.10	ppb	91
4) N-Nitrosodimethylamine	0.817	74	206775	21.99	ppb	85
6) Indene	4.427	116	1035542	47.89	ppb	98
7) Cumene	2.544	105	1205253	40.71	ppb	99
9) Phenol	4.079	94	393102	19.58	ppb	91
10) Aniline	3.513	93	640062	28.15	ppb	99
11) bis(2-Chloroethyl)ether	3.646	93	648573	42.54	ppb	99
12) 2-Chlorophenol	3.780	128	635012	41.47	ppb	97
13) Decane	3.807	43	316074	25.31	ppb	86
14) 1,3-Dichlorobenzene	3.812	146	512260	32.02	ppb	98
15) 1,4-Dichlorobenzene	3.924	146	546822	33.72	ppb	99
16) Benzyl alcohol	4.513	108	352374	33.26	ppb	94
17) 1,2-Dichlorobenzene	4.267	146	529676	35.04	ppb	97
18) Acetophenone	4.850	105	891403	43.96	ppb	99
19) 2-Methylphenol	5.085	108	527864	37.22	ppb	99
20) 2,2'-oxybis(1-Chloropr...	4.705	45	664716	35.04	ppb	88
21) 3&4-Methylphenol	5.459	108	537491	36.41	ppb	99
22) n-Nitroso-di-n-propyla...	4.999	70	434386	41.85	ppb	95
23) Hexachloroethane	4.828	201	168005	35.15	ppb	98
26) Nitrobenzene	5.155	123	331258	43.46	ppb	97
27) Quinoline	7.342	129	1188401	46.73	ppb	99
28) Isophorone	5.689	82	1318788	50.61	ppb	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32838.D
Acq On : 22 Nov 2010 1:07 pm
Operator : olgaa
Sample : op46866-bs1
Misc : op46866,e2m1417,1000
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 14:46:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Nov 11 10:06:08 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2-Nitrophenol	5.834	139	341556	46.43	ppb		84
30) 2,4-Dimethylphenol	6.417	107	650822	49.16	ppb		96
31) Benzoic acid	7.144	105	244072	21.35	ppb		99
32) bis(2-Chloroethoxy)met...	6.358	93	812232	49.42	ppb		99
33) 2,4-Dichlorophenol	6.636	162	497056	43.91	ppb		99
34) 2,6-Dichlorophenol	6.978	162	522968	46.35	ppb		100
36) 1,2,4-Trichlorobenzene	6.465	180	426263	37.32	ppb		93
38) Naphthalene	6.534	128	1684260	40.20	ppb		100
39) 4-Chloroaniline	6.989	127	642235	34.86	ppb		99
40) 2,3-Dichloroaniline	8.947	161	610522	46.96	ppb		98
41) Caprolactam	7.786	55	54361	9.03	ppb		91
42) Hexachlorobutadiene	7.037	225	228437	37.11	ppb		97
43) 4-Chloro-3-methylphenol	8.567	107	570253	46.68	ppb		93
44) 2-Methylnaphthalene	8.091	142	1030303	37.21	ppb		97
45) 1-Methylnaphthalene	8.305	142	1105249	42.82	ppb		99
46) Dimethylnaphthalene	9.530	156	982247	45.62	ppb		99
48) Hexachlorocyclopentadiene	8.636	237	494628	94.75	ppb		98
49) 2,4,6-Trichlorophenol	9.064	196	357630	45.58	ppb		99
50) 2,4,5-Trichlorophenol	9.326	196	377054	45.49	ppb		99
52) 2-Chloronaphthalene	9.150	162	1050331	40.59	ppb		99
53) Biphenyl	9.236	154	1313919	41.73	ppb		99
54) 2-Nitroaniline	9.738	65	351208	44.94	ppb		98
55) Dimethylphthalate	10.284	163	1260766	45.21	ppb		98
56) Acenaphthylene	10.054	152	1603746	41.84	ppb		99
57) 2,6-Dinitrotoluene	10.391	89	190310	53.62	ppb		94
58) 3-Nitroaniline	10.749	138	260202	32.57	ppb		94
59) Acenaphthene	10.482	153	1025837	41.83	ppb		99
60) 2,4-Dinitrophenol	10.963	184	297631	85.64	ppb		94
61) 4-Nitrophenol	12.038	109	98431	23.51	ppb	#	18
62) Dibenzofuran	10.872	168	1519035	41.99	ppb		99
63) 2,4-Dinitrotoluene	11.268	165	392103	48.96	ppb		80
64) 2,3,4,6-Tetrachlorophenol	11.514	232	231343	34.93	ppb		98
65) Diethylphthalate	11.926	149	1231950	45.52	ppb		98
66) Fluorene	11.642	166	1309312	46.05	ppb		99
67) 4-Chlorophenyl-phenyle...	11.814	204	572540	44.74	ppb		97
68) 4-Nitroaniline	12.183	138	315008	40.44	ppb		93
70) 4,6-Dinitro-2-methylph...	12.172	198	220444	45.78	ppb		93
71) n-Nitrosodiphenylamine	12.199	169	927377	45.93	ppb		98
72) 1,2-Diphenylhydrazine	12.145	77	1518266	51.08	ppb		96
74) 4-Bromophenyl-phenylether	12.878	248	325424	47.88	ppb		98
75) Hexachlorobenzene	13.049	284	402040	50.17	ppb		99
76) Pentachlorophenol	13.712	266	131435	26.02	ppb		99
77) Phenanthrene	13.750	178	1713571	44.02	ppb		99
78) Anthracene	13.851	178	1824888	47.58	ppb		99
79) Carbazole	14.493	167	1668550	44.46	ppb		99
80) Di-n-butylphthalate	15.691	149	2060812	51.36	ppb		99
81) Fluoranthene	16.440	202	1825211	48.06	ppb		99
82) Octadecane	14.097	57	734326	45.27	ppb		96
84) Pyrene	16.889	202	1919218	47.36	ppb		99
86) Butylbenzylphthalate	18.991	149	895833	50.42	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32838.D
Acq On : 22 Nov 2010 1:07 pm
Operator : olgaa
Sample : op46866-bs1
Misc : op46866,e2m1417,1000
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 14:46:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Nov 11 10:06:08 2010
Response via : Initial Calibration

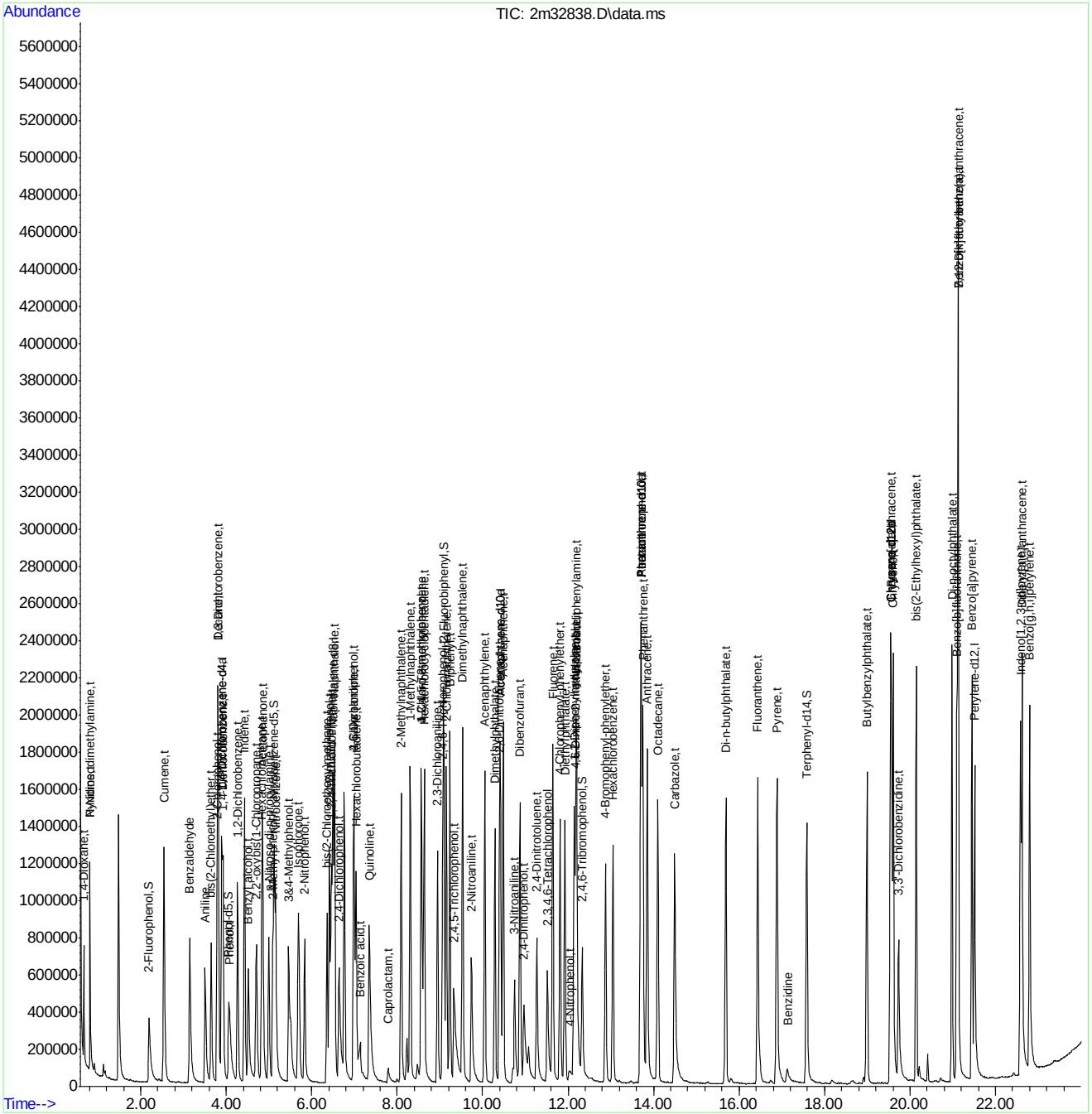
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo[a]anthracene	19.548	228	1635127	43.60	ppb	99
89) 3,3'-Dichlorobenzidine	19.735	252	483357	35.01	ppb	98
90) Chrysene	19.607	228	1840431	49.74	ppb	99
91) bis(2-Ethylhexyl)phtha...	20.147	149	1235977	52.29	ppb	100
93) Di-n-octylphthalate	20.981	149	2116683	53.30	ppb	98
94) Benzo[b]fluoranthene	21.093	252	1467275m	42.46	ppb	
95) Benzo[k]fluoranthene	21.126	252	2304878m	61.76	ppb	
96) Benzo[a]pyrene	21.446	252	1731159	52.60	ppb	99
97) Indeno[1,2,3-cd]pyrene	22.586	276	1350735m	48.32	ppb	
99) Dibenz[a,h]anthracene	22.618	278	1581601	53.58	ppb	99
100) 7,12-Dimethylbenz(a)an...	21.131	256	892261	59.61	ppb	99
101) Benzo[g,h,i]perylene	22.800	276	1683187	52.10	ppb	99
103) Benzaldehyde	3.149	105	451007	42.76	ppb	95
105) 1,2,4,5-Tetrachloroben...	8.567	216	407401	38.77	ppb	99
107) Benzidine	17.141	184	129249	10.09	ppb	95
109) Atrazine	13.712	215	169973	51.78	ppb	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32838.D
Acq On : 22 Nov 2010 1:07 pm
Operator : olgaa
Sample : op46866-bs1
Misc : op46866,e2m1417,1000
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 14:46:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Nov 11 10:06:08 2010
Response via : Initial Calibration



Manual Integration Approval Summary

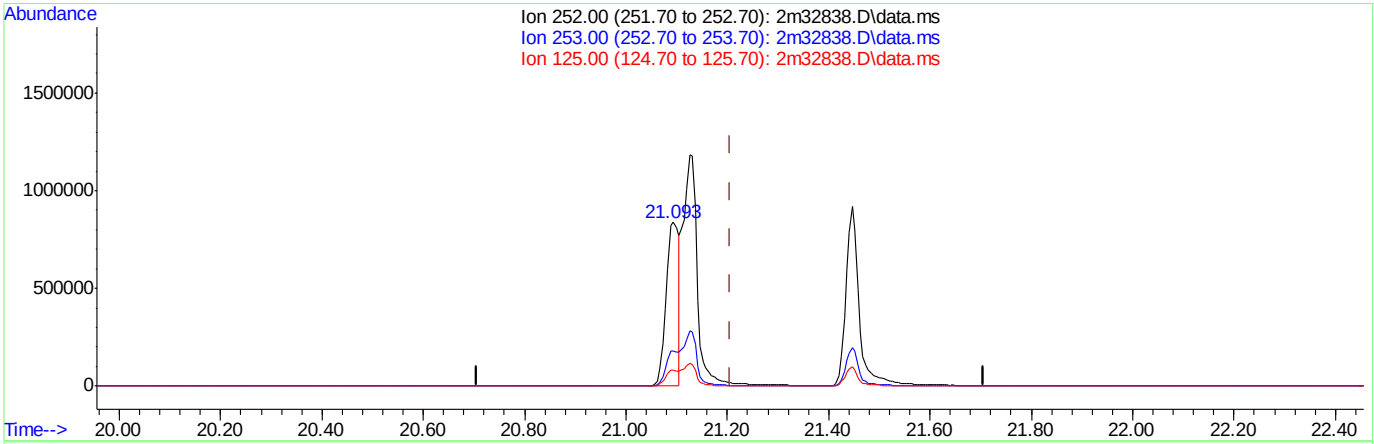
Sample Number: OP46866-BS1
Lab FileID: 2M32838.D
Injection Time: 11/22/10 13:07
Method: SW846 8270C
Analyst approved: 11/23/10 14:45 Olga Azarihn
Supervisor approved: 11/23/10 17:54 Cheng-Hwan Ao

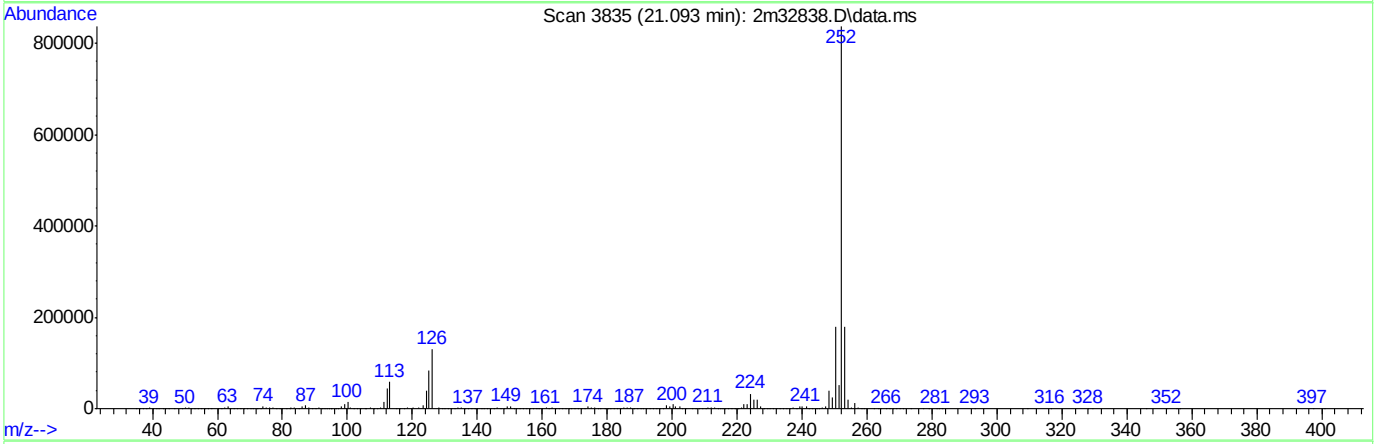
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		21.09	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.13	Overlapping peak
Indeno(1,2,3-cd)pyrene	193-39-5		22.59	Overlapping peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32838.D
Acq On : 22 Nov 2010 1:07 pm
Operator : olgaa
Sample : op46866-bs1
Misc : op46866,e2m1417,1000
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 14:46:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Nov 11 10:06:08 2010
Response via : Initial Calibration





TIC: 2m32838.D\data.ms

(94) Benzo[b]fluoranthene (t)

21.093min (-0.112) 42.46ppb m

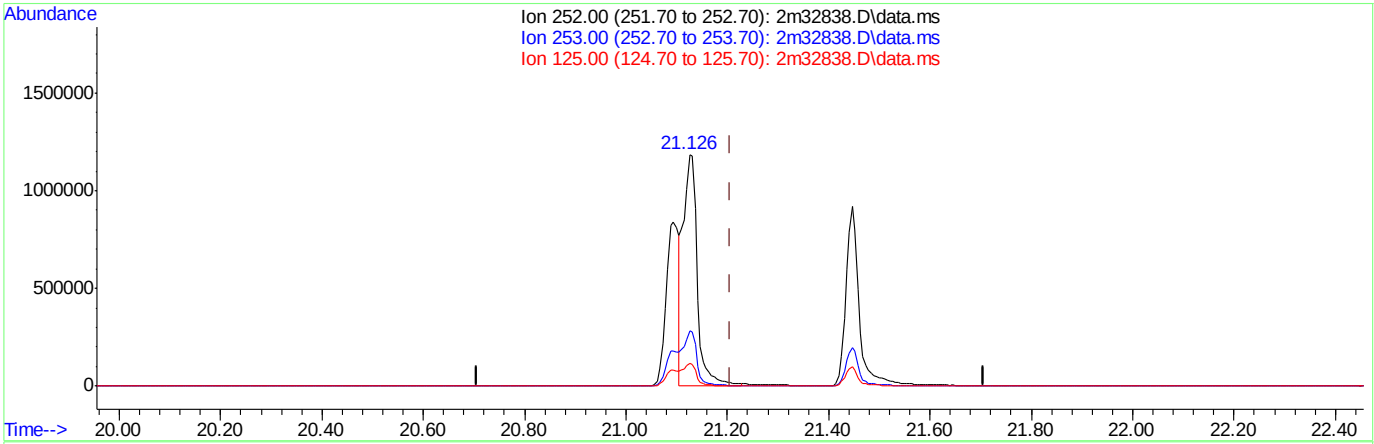
response 1467275

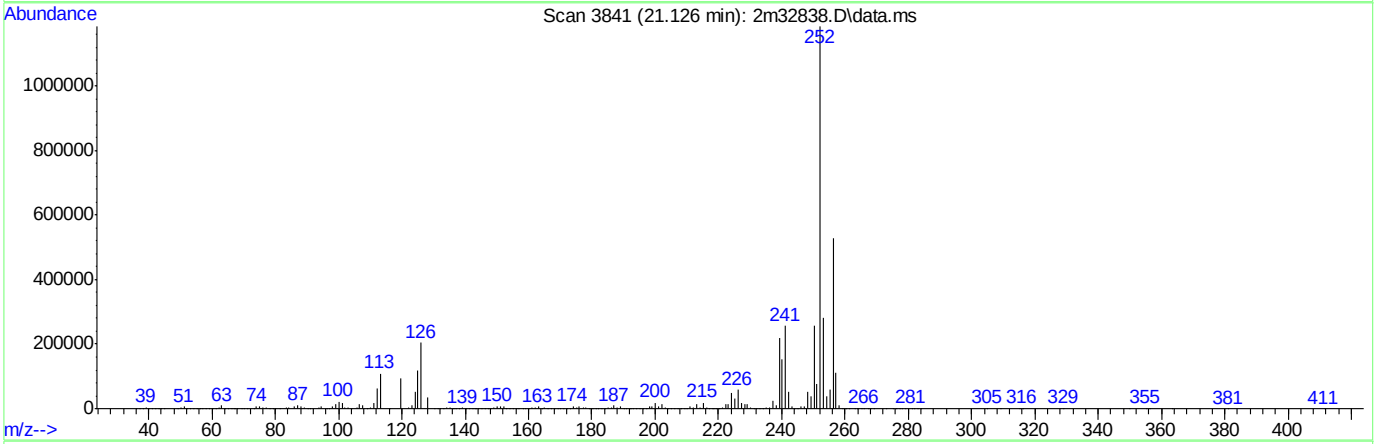
Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.40
125.00	9.20	9.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32838.D
Acq On : 22 Nov 2010 1:07 pm
Operator : olgaa
Sample : op46866-bs1
Misc : op46866,e2m1417,1000
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 14:46:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Nov 11 10:06:08 2010
Response via : Initial Calibration





TIC: 2m32838.D\data.ms

(95) Benzo[k]fluoranthene (t)

21.126min (-0.080) 61.76ppb m

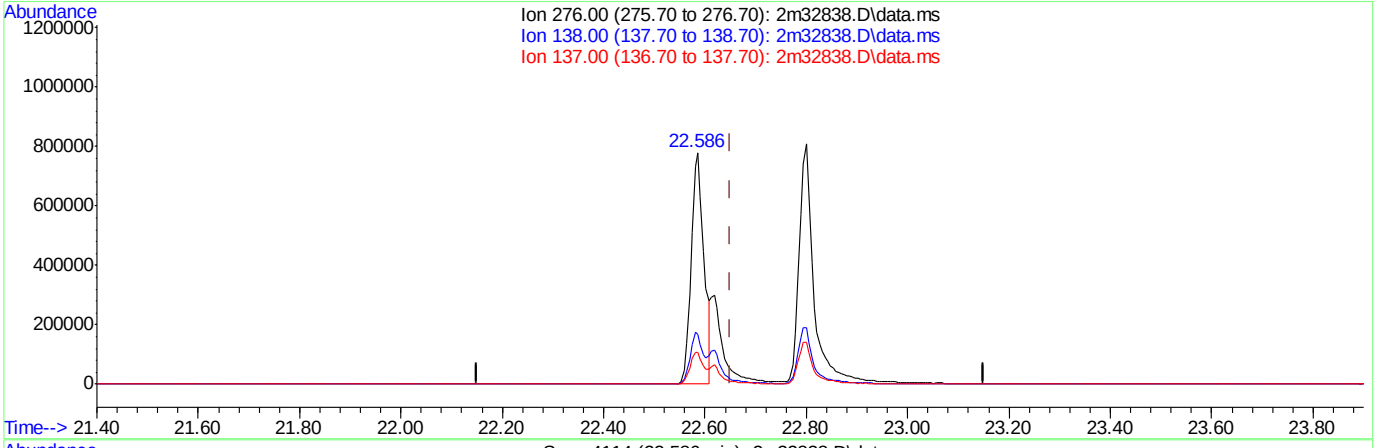
response 2304878

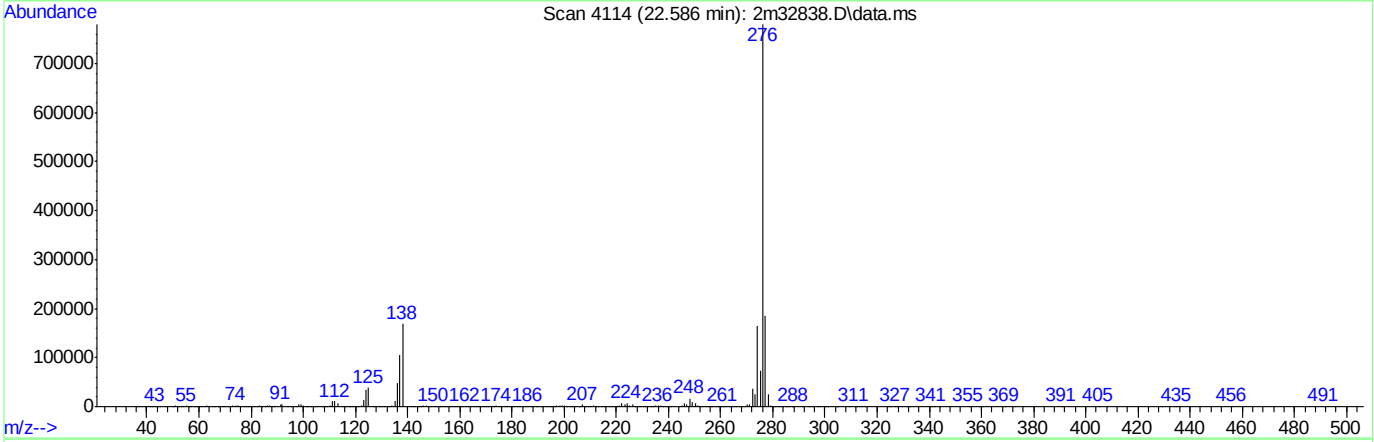
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.74
125.00	10.40	10.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32838.D
Acq On : 22 Nov 2010 1:07 pm
Operator : olgaa
Sample : op46866-bs1
Misc : op46866,e2m1417,1000
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 14:46:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Nov 11 10:06:08 2010
Response via : Initial Calibration





TIC: 2m32838.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

22.586min (-0.064) 48.32ppb m

response 1350735

Ion	Exp%	Act%
276.00	100	100
138.00	21.90	21.57
137.00	14.90	13.58
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Cheng-Hwan Ao 11/30/10 14:27

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370D\F93518.D Vial: 5
Acq On : 30 Nov 2010 12:16 am Operator: larisap
Sample : op46863-bs1 Inst : MSF
Misc : op46863,ef4370,35.0 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 00:33:25 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.06	152	217122	40.00	ppb		-0.03
24) Naphthalene-d8	4.69	136	789863	40.00	ppb		-0.03
47) Acenaphthene-d10	7.34	164	529062	40.00	ppb		-0.03
69) Phenanthrene-d10	9.61	188	905769	40.00	ppb		-0.03
83) Chrysene-d12	13.24	240	961351	40.00	ppb		-0.02
92) Perylene-d12	14.62	264	859719	40.00	ppb		-0.02
102) 1,4-Dichlorobenzene-d4A	3.06	152	217122	40.00	ppb		-0.03
104) Acenaphthene-d10a	7.34	164	529062	40.00	ppb		-0.03
106) Phenanthrene-d10a	9.61	188	905769	40.00	ppb		-0.03
108) Chrysene-d12a	13.24	240	961351	40.00	ppb		-0.02
110) Naphthalene-d8a	4.69	136	789863	40.00	ppb		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	1.92	112	296640	41.90	ppb		-0.02
Spiked Amount 50.000			Recovery = 83.80%				
8) Phenol-d5	2.80	99	386449	44.98	ppb		-0.01
Spiked Amount 50.000			Recovery = 89.96%				
25) Nitrobenzene-d5	3.77	82	345687	44.30	ppb		-0.03
Spiked Amount 50.000			Recovery = 88.60%				
51) 2-Fluorobiphenyl	6.37	172	713928	37.76	ppb		-0.03
Spiked Amount 50.000			Recovery = 75.52%				
73) 2,4,6-Tribromophenol	8.60	330	108044	49.51	ppb		-0.02
Spiked Amount 50.000			Recovery = 99.02%				
85) Terphenyl-d14	12.08	244	844057	43.23	ppb		-0.02
Spiked Amount 50.000			Recovery = 86.46%				
Target Compounds							Qvalue
2) 1,4-Dioxane	0.95	88	76333m	21.31	ppb		
3) Pyridine	1.11	79	235979	27.76	ppb		86
4) N-Nitrosodimethylamine	1.11	74	166978	32.57	ppb	#	63
6) Indene	3.38	116	522884	49.34	ppb		99
7) Cumene	2.29	105	631960	43.60	ppb		97
9) Phenol	2.81	94	400349	43.02	ppb		95
10) Aniline	2.76	93	413778	40.64	ppb	#	53
11) bis(2-Chloroethyl)ether	2.84	93	289711	37.72	ppb		94
12) 2-Chlorophenol	2.88	128	317038	45.46	ppb		97
13) Decane	2.94	43	358124	42.84	ppb		87
14) 1,3-Dichlorobenzene	3.01	146	341490	39.18	ppb		98
15) 1,4-Dichlorobenzene	3.07	146	335453	39.77	ppb		99
16) Benzyl alcohol	3.29	108	208802	47.50	ppb		93
17) 1,2-Dichlorobenzene	3.29	146	324466	40.44	ppb		98
18) Acetophenone	3.59	105	426704	46.26	ppb		93
19) 2-Methylphenol	3.49	108	283075	47.08	ppb		97
20) 2,2'-oxybis(1-Chloropropan	3.47	121	100001	44.36	ppb	#	73
21) 3&4-Methylphenol	3.69	108	304402	49.89	ppb		100
22) n-Nitroso-di-n-propylamine	3.65	70	215796	43.40	ppb		86
23) Hexachloroethane	3.65	201	123471	41.21	ppb		99
26) Nitrobenzene	3.79	123	154617	42.97	ppb		90
27) Quinoline	5.23	129	693696	51.11	ppb		98
28) Isophorone	4.12	82	651643	44.85	ppb		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370D\F93518.D Vial: 5
Acq On : 30 Nov 2010 12:16 am Operator: larisap
Sample : op46863-bs1 Inst : MSF
Misc : op46863,ef4370,35.0 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 00:33:25 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	2-Nitrophenol	4.23	139	180304	52.47	ppb		80
30)	2,4-Dimethylphenol	4.38	107	332882	53.73	ppb		93
31)	Benzoic acid	4.66	105	231205	48.20	ppb		95
32)	bis(2-Chloroethoxy)methane	4.48	93	393363	44.90	ppb		98
33)	2,4-Dichlorophenol	4.58	162	301247	48.42	ppb		97
34)	2,6-Dichlorophenol	4.89	162	286339	46.93	ppb		100
36)	1,2,4-Trichlorobenzene	4.65	180	302360	40.54	ppb		99
38)	Naphthalene	4.72	128	890783	41.20	ppb		99
39)	4-Chloroaniline	4.89	127	338810	38.66	ppb		96
40)	2,3-Dichloroaniline	6.25	161	360543	46.72	ppb		98
41)	Caprolactam	5.40	55	203808	50.80	ppb		97
42)	Hexachlorobutadiene	5.02	225	192682	44.50	ppb		98
43)	4-Chloro-3-methylphenol	5.73	107	283129	47.22	ppb	#	47
44)	2-Methylnaphthalene	5.74	142	808838	52.12	ppb		87
45)	1-Methylnaphthalene	5.89	142	637030	43.76	ppb		97
46)	Dimethylnaphthalene	6.71	156	603434	45.97	ppb		99
48)	Hexachlorocyclopentadiene	6.11	237	401107	125.35	ppb		99
49)	2,4,6-Trichlorophenol	6.27	196	220933	44.28	ppb		99
50)	2,4,5-Trichlorophenol	6.35	196	254483	45.56	ppb		99
52)	2-Chloronaphthalene	6.46	162	622809	38.78	ppb		97
53)	Biphenyl	6.49	154	773426	40.44	ppb		99
54)	2-Nitroaniline	6.74	65	210672	49.37	ppb		94
55)	Dimethylphthalate	7.13	163	728023	40.77	ppb		99
56)	Acenaphthylene	7.09	152	979501	38.98	ppb		100
57)	2,6-Dinitrotoluene	7.21	165	169602	48.80	ppb		94
58)	3-Nitroaniline	7.40	138	157820	40.97	ppb		96
59)	Acenaphthene	7.38	153	622377	48.19	ppb		99
60)	2,4-Dinitrophenol	7.58	184	214638	109.09	ppb		88
61)	4-Nitrophenol	7.84	109	90681	49.66	ppb		85
62)	Dibenzofuran	7.64	168	898959	40.45	ppb		93
63)	2,4-Dinitrotoluene	7.81	165	238505	50.75	ppb		92
64)	2,3,4,6-Tetrachlorophenol	7.97	232	187635	40.33	ppb	#	13
65)	Diethylphthalate	8.25	149	683704	42.21	ppb		99
66)	Fluorene	8.17	166	776751	42.35	ppb		96
67)	4-Chlorophenyl-phenylether	8.24	204	361969	42.24	ppb		93
68)	4-Nitroaniline	8.37	138	193693	44.55	ppb		86
70)	4,6-Dinitro-2-methylphenol	8.44	198	148525	48.98	ppb	#	92
71)	n-Nitrosodiphenylamine	8.46	169	534690	42.23	ppb		99
72)	1,2-Diphenylhydrazine	8.48	77	797110	44.81	ppb		96
74)	4-Bromophenyl-phenylether	8.99	248	236132	42.72	ppb		95
75)	Hexachlorobenzene	9.16	284	236129	43.18	ppb		99
76)	Pentachlorophenol	9.49	266	134115	41.76	ppb		98
77)	Phenanthrene	9.64	178	1113067	48.06	ppb		100
78)	Anthracene	9.71	178	1097708	49.67	ppb		100
79)	Carbazole	10.04	167	1044319	42.05	ppb		99
80)	Di-n-butylphthalate	10.83	149	1247848	43.09	ppb		99
81)	Fluoranthene	11.48	202	1253372	41.39	ppb		96
82)	Octadecane	9.72	57	519262	47.74	ppb		92
84)	Pyrene	11.76	202	1307083	42.76	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370D\F93518.D Vial: 5
Acq On : 30 Nov 2010 12:16 am Operator: larisap
Sample : op46863-bs1 Inst : MSF
Misc : op46863,ef4370,35.0 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 00:33:25 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

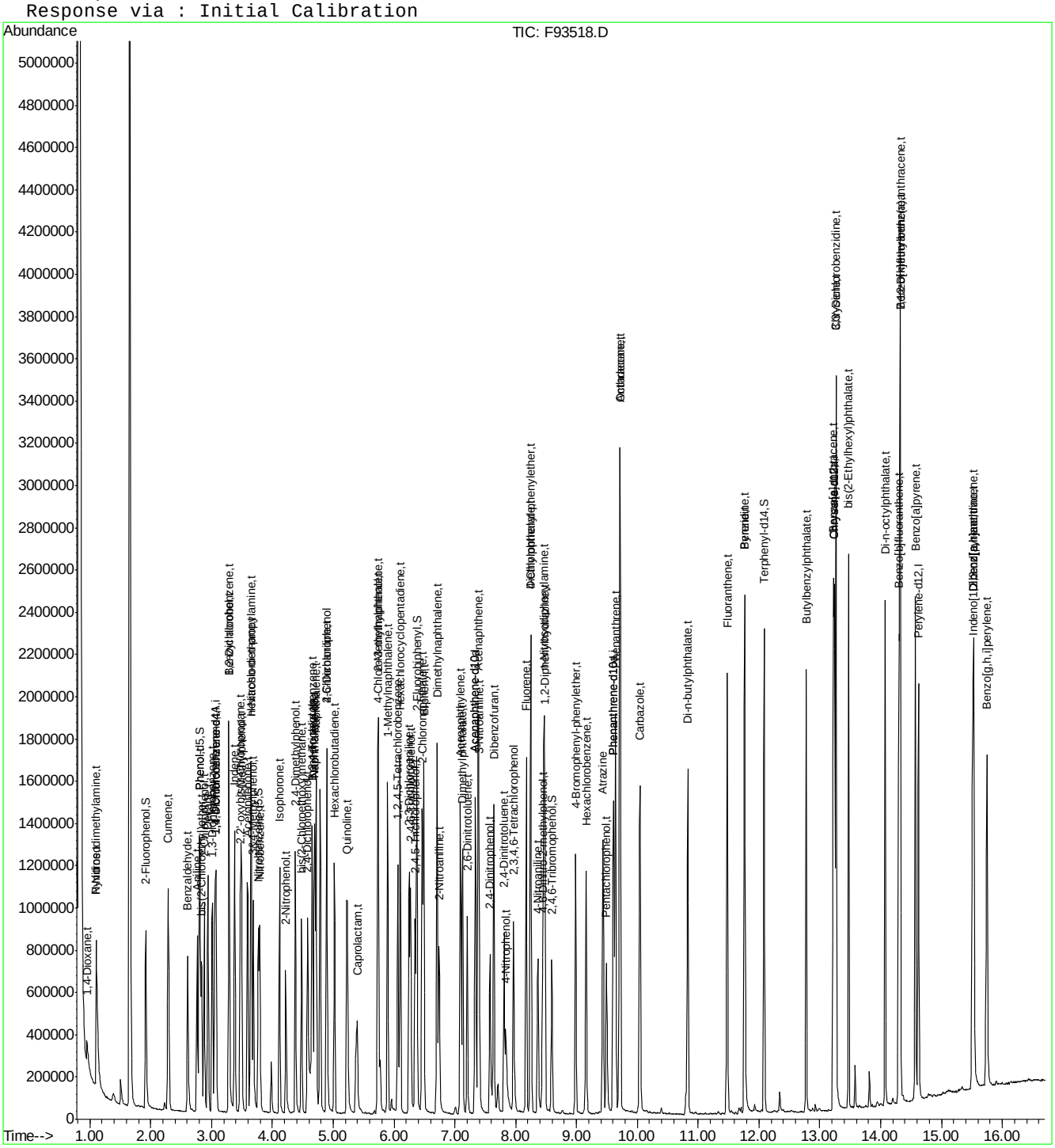
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
86)	Butylbenzylphthalate	12.78	149	547210	46.31	ppb		99
88)	Benzo[a]anthracene	13.23	228	1191626	43.34	ppb		99
89)	3,3'-Dichlorobenzidine	13.26	252	353390	37.51	ppb		98
90)	Chrysene	13.27	228	1064630	47.25	ppb		99
91)	bis(2-Ethylhexyl)phthalate	13.47	149	759615	46.39	ppb		100
93)	Di-n-octylphthalate	14.08	149	1334100	48.33	ppb		99
94)	Benzo[b]fluoranthene	14.30	252	1309735	50.81	ppb		97
95)	Benzo[k]fluoranthene	14.32	252	994429	36.09	ppb		97
96)	Benzo[a]pyrene	14.57	252	1153623	45.16	ppb		98
97)	Indeno[1,2,3-cd]pyrene	15.51	276	1217204	43.84	ppb		93
98)	Dibenz(a,h)acridine	15.53	279	235683	11.91	ppb		76
99)	Dibenz[a,h]anthracene	15.53	278	989812	43.92	ppb		96
100)	7,12-Dimethylbenz(a)anthra	14.32	256	511976	48.88	ppb		98
101)	Benzo[g,h,i]perylene	15.75	276	1047431	42.70	ppb		95
103)	Benzaldehyde	2.61	105	205191	40.42	ppb	#	100
105)	1,2,4,5-Tetrachlorobenzene	6.06	216	326351	44.41	ppb		98
107)	Atrazine	9.43	200	233828	54.99	ppb	#	100
109)	Benzidine	11.76	184	251609	22.37	ppb		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370D\F93518.D Vial: 5
Acq On : 30 Nov 2010 12:16 am Operator: larisap
Sample : op46863-bs1 Inst : MSF
Misc : op46863,ef4370,35.0 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 13:23 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integration Approval Summary

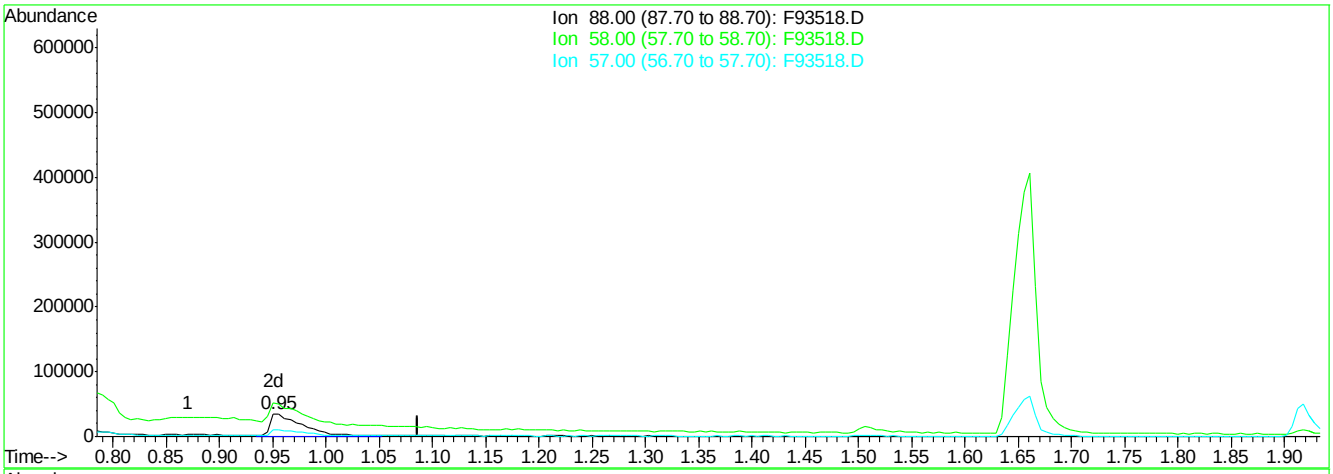
Sample Number:	OP46863-BS1	**Method:**	SW846 8270C
Lab FileID:	F93518.D	**Analyst approved:**	11/30/10 13:22 Nina Pandya
Injection Time:	11/30/10 00:16	**Supervisor approved:**	11/30/10 14:27 Cheng-Hwan Ao

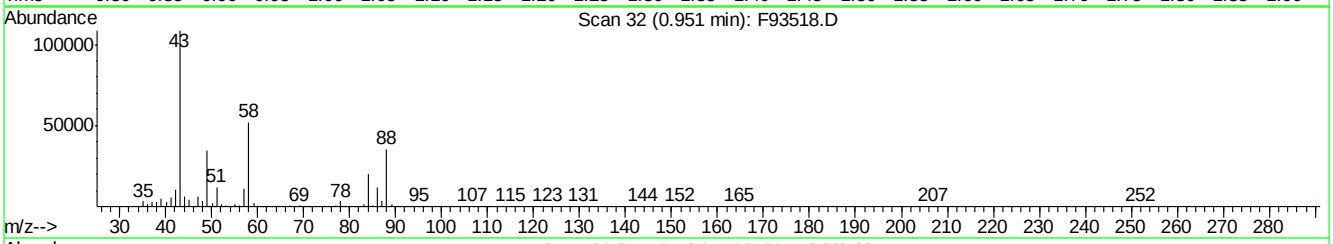
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dioxane	123-91-1		0.95	Missed peak

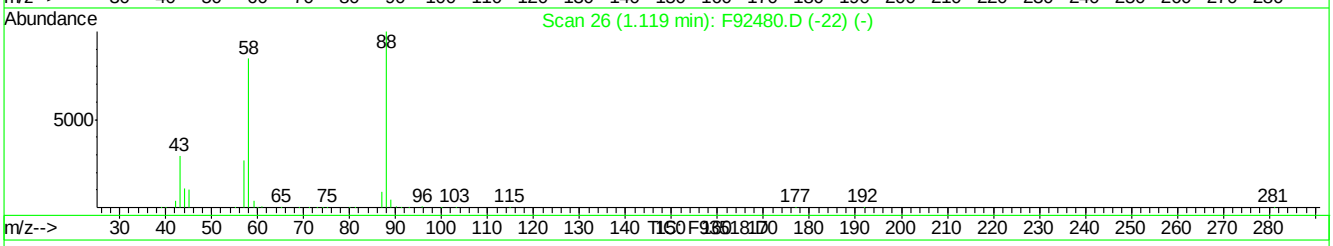
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4370D\F93518.D Vial: 5
Acq On : 30 Nov 2010 12:16 am Operator: larisap
Sample : op46863-bs1 Inst : MSF
Misc : op46863,ef4370,35.0 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 13:23 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Multiple Level Calibration







(2) 1,4-Dioxane (t)

0.95min 21.31ppb m

response 76333

Ion	Exp%	Act%
88.00	100	100
58.00	60.60	50.06
57.00	26.00	1.83
0.00	0.00	0.00

F93518.D MF4329.M Tue Nov 30 13:23:29 2010 GCMS3A

Manual Integrations APPROVED (compounds with "m" flag)
Cheng-Hwan Ao
11/23/10 17:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32845.D
Acq On : 22 Nov 2010 5:19 pm
Operator : olgaa
Sample : op46866-ms
Misc : op46866,e2m1417,400
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 16:31:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.908	152	390939	40.00	ppb	0.01
24) Naphthalene-d8	6.508	136	1497905	40.00	ppb	0.00
47) Acenaphthene-d10	10.428	164	873478	40.00	ppb	0.00
69) Phenanthrene-d10	13.718	188	1287803	40.00	ppb	0.01
83) Chrysene-d12	19.585	240	1423377	40.00	ppb	0.00
92) Perylene-d12	21.527	264	1379138	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	3.908	152	390939	40.00	ppb	0.01
104) Acenaphthene-d10a	10.428	164	873478	40.00	ppb	0.00
106) Chrysene-d12a	19.585	240	1423377	40.00	ppb	0.00
108) Phenanthrene-d10a	13.718	188	1287803	40.00	ppb	0.01
110) Chrysene-d12b	19.585	240	1423377	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.197	112	535226	35.86	ppb	0.03
Spiked Amount 50.000			Recovery =	71.72%		
8) Phenol-d5	4.053	99	585526	30.99	ppb	0.03
Spiked Amount 50.000			Recovery =	61.98%		
25) Nitrobenzene-d5	5.128	82	649821	42.41	ppb	0.00
Spiked Amount 50.000			Recovery =	84.82%		
51) 2-Fluorobiphenyl	9.102	172	1185426	39.65	ppb	0.00
Spiked Amount 50.000			Recovery =	79.30%		
73) 2,4,6-Tribromophenol	12.343	330	188946	47.95	ppb	0.00
Spiked Amount 50.000			Recovery =	95.90%		
85) Terphenyl-d14	17.601	244	592230	23.91	ppb	0.00
Spiked Amount 50.000			Recovery =	47.82%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.672	88	191908	31.47	ppb	96
3) Pyridine	0.811	79	391788	23.81	ppb	89
4) N-Nitrosodimethylamine	0.817	74	333574	36.31	ppb	86
6) Indene	4.438	116	1027104	48.63	ppb	99
7) Cumene	2.550	105	1253284	43.34	ppb	98
9) Phenol	4.074	94	653756	33.34	ppb	89
10) Aniline	3.523	93	661778	29.80	ppb	99
11) bis(2-Chloroethyl)ether	3.657	93	593332	39.84	ppb	99
12) 2-Chlorophenol	3.791	128	620963	41.51	ppb	95
13) Decane	3.812	43	292719	24.00	ppb	86
14) 1,3-Dichlorobenzene	3.817	146	547818	35.06	ppb	98
15) 1,4-Dichlorobenzene	3.935	146	581184	36.69	ppb	99
16) Benzyl alcohol	4.523	108	417080	40.31	ppb	97
17) 1,2-Dichlorobenzene	4.277	146	554434	37.55	ppb	98
18) Acetophenone	4.860	105	894880	45.18	ppb	99
19) 2-Methylphenol	5.101	108	558317	40.30	ppb	98
20) 2,2'-oxybis(1-Chloropr...	4.716	45	634067	34.22	ppb	91
21) 3&4-Methylphenol	5.475	108	585076	40.58	ppb	99
22) n-Nitroso-di-n-propyla...	5.010	70	421787	41.61	ppb	94
23) Hexachloroethane	4.839	201	179912	38.53	ppb	95
26) Nitrobenzene	5.165	123	322819	42.13	ppb	96
27) Quinoline	7.358	129	892789	34.92	ppb	98
28) Isophorone	5.700	82	1287335	49.14	ppb	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32845.D
Acq On : 22 Nov 2010 5:19 pm
Operator : olgaa
Sample : op46866-ms
Misc : op46866,e2m1417,400
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 16:31:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 2-Nitrophenol	5.845	139	323435	43.73	ppb	84
30) 2,4-Dimethylphenol	6.433	107	613068	46.06	ppb	97
31) Benzoic acid	7.192	105	442079	38.47	ppb	96
32) bis(2-Chloroethoxy)met...	6.369	93	789480	47.78	ppb	99
33) 2,4-Dichlorophenol	6.647	162	497660	43.72	ppb	98
34) 2,6-Dichlorophenol	6.994	162	506770	44.68	ppb	99
36) 1,2,4-Trichlorobenzene	6.476	180	449502	39.14	ppb	96
38) Naphthalene	6.545	128	1690104	40.12	ppb	99
39) 4-Chloroaniline	7.000	127	596333	32.20	ppb	97
40) 2,3-Dichloroaniline	8.957	161	607711	46.49	ppb	98
41) Caprolactam	7.850	55	132459	21.87	ppb	94
42) Hexachlorobutadiene	7.043	225	249066	40.25	ppb	97
43) 4-Chloro-3-methylphenol	8.594	107	574837	46.80	ppb	94
44) 2-Methylnaphthalene	8.102	142	1046931	37.61	ppb	98
45) 1-Methylnaphthalene	8.321	142	1117336	43.06	ppb	99
46) Dimethylnaphthalene	9.540	156	974734	45.03	ppb	100
48) Hexachlorocyclopentadiene	8.642	237	338544	64.91	ppb	99
49) 2,4,6-Trichlorophenol	9.080	196	355163	45.31	ppb	98
50) 2,4,5-Trichlorophenol	9.348	196	380044	45.90	ppb	97
52) 2-Chloronaphthalene	9.161	162	1051416	40.67	ppb	98
53) Biphenyl	9.246	154	1320217	41.97	ppb	99
54) 2-Nitroaniline	9.754	65	345070	44.20	ppb	99
55) Dimethylphthalate	10.295	163	1254302	45.02	ppb	99
56) Acenaphthylene	10.065	152	1556403	40.65	ppb	99
57) 2,6-Dinitrotoluene	10.407	89	168545	47.53	ppb	89
58) 3-Nitroaniline	10.760	138	273864	34.32	ppb	92
59) Acenaphthene	10.493	153	996751	40.68	ppb	99
60) 2,4-Dinitrophenol	11.001	184	139733	43.30	ppb	98
61) 4-Nitrophenol	11.990	109	98565	23.56	ppb	88
62) Dibenzofuran	10.888	168	1459025	40.37	ppb	99
63) 2,4-Dinitrotoluene	11.284	165	368386	46.05	ppb	84
64) 2,3,4,6-Tetrachlorophenol	11.530	232	243468	36.79	ppb	96
65) Diethylphthalate	11.937	149	1225132	45.31	ppb	99
66) Fluorene	11.653	166	1245880	43.86	ppb	98
67) 4-Chlorophenyl-phenyle...	11.824	204	539628	42.21	ppb	99
68) 4-Nitroaniline	12.199	138	313014	40.22	ppb	94
70) 4,6-Dinitro-2-methylph...	12.199	198	114043	23.38	ppb	91
71) n-Nitrosodiphenylamine	12.209	169	776033	37.95	ppb	98
72) 1,2-Diphenylhydrazine	12.156	77	1382402	45.92	ppb	96
74) 4-Bromophenyl-phenylether	12.889	248	302378	43.92	ppb	96
75) Hexachlorobenzene	13.071	284	371508	45.77	ppb	96
76) Pentachlorophenol	13.728	266	151373	29.59	ppb	97
77) Phenanthrene	13.766	178	1628301	41.30	ppb	99
78) Anthracene	13.867	178	1694079	43.61	ppb	99
79) Carbazole	14.509	167	1660280	43.68	ppb	100
80) Di-n-butylphthalate	15.702	149	1924678	47.36	ppb	99
81) Fluoranthene	16.456	202	1699550	44.18	ppb	100
82) Octadecane	14.108	57	353972	21.55	ppb	97
84) Pyrene	16.906	202	1786296	41.99	ppb	99
86) Butylbenzylphthalate	19.002	149	837591	44.91	ppb	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32845.D
Acq On : 22 Nov 2010 5:19 pm
Operator : olgaa
Sample : op46866-ms
Misc : op46866,e2m1417,400
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 16:31:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration

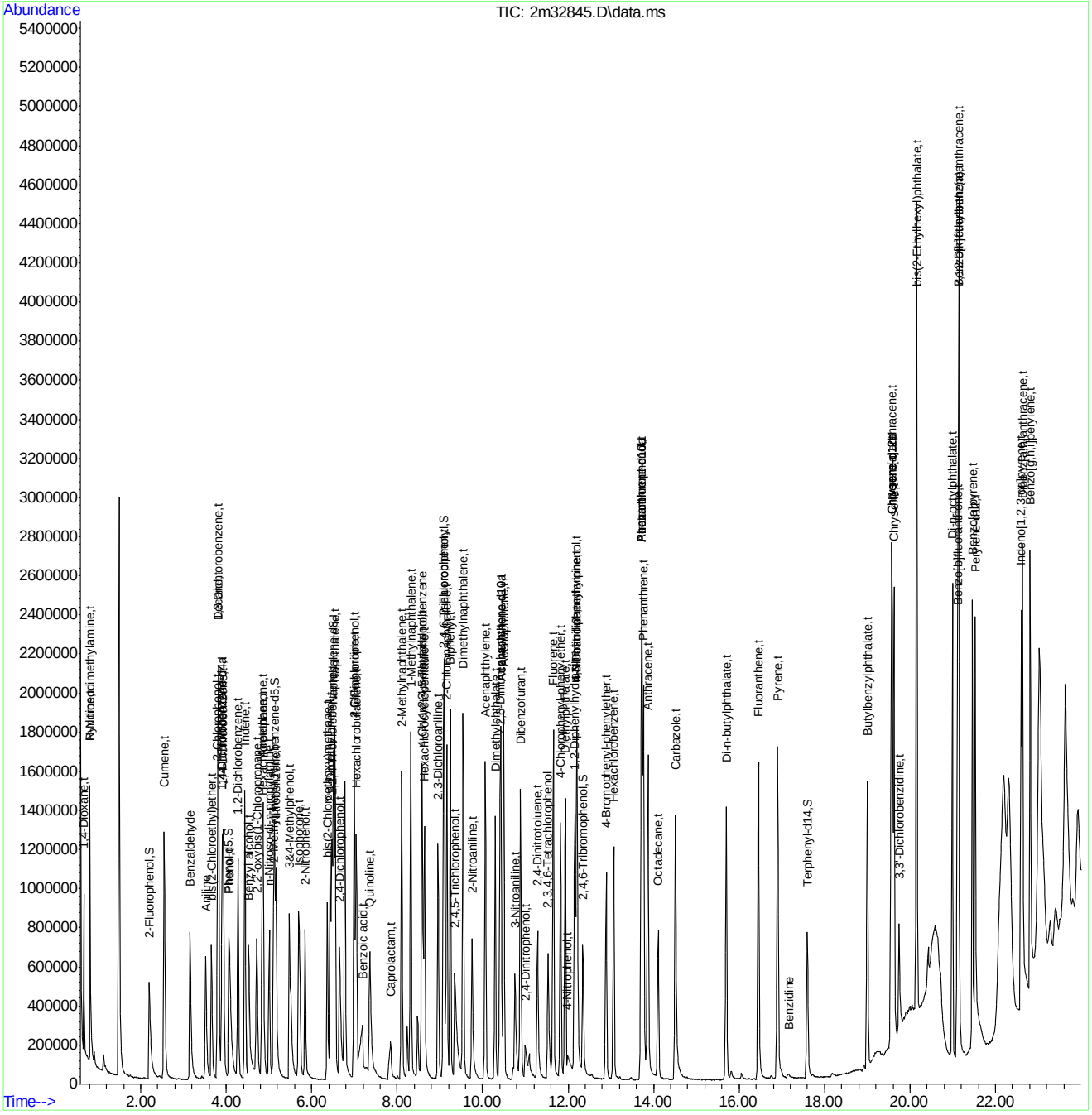
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo[a]anthracene	19.564	228	1619760	41.15	ppb	98
89) 3,3'-Dichlorobenzidine	19.746	252	327527	22.60	ppb	99
90) Chrysene	19.623	228	1797894	46.29	ppb	100
91) bis(2-Ethylhexyl)phtha...	20.157	149	2260638	91.11	ppb	99
93) Di-n-octylphthalate	20.992	149	2173180	48.69	ppb	97
94) Benzo[b]fluoranthene	21.110	252	1814393m	46.79	ppb	
95) Benzo[k]fluoranthene	21.142	252	1871092m	44.68	ppb	
96) Benzo[a]pyrene	21.457	252	1749180	47.36	ppb	99
97) Indeno[1,2,3-cd]pyrene	22.596	276	1514035m	48.27	ppb	
99) Dibenz[a,h]anthracene	22.634	278	1692968	51.10	ppb	99
100) 7,12-Dimethylbenz(a)an...	21.142	256	620273	36.93	ppb	99
101) Benzo[g,h,i]perylene	22.810	276	1777837	49.04	ppb	98
103) Benzaldehyde	3.154	105	442275	42.93	ppb	98
105) 1,2,4,5-Tetrachloroben...	8.578	216	414655	39.39	ppb	99
107) Benzidine	17.168	184	52913	3.93	ppb	90
109) Atrazine	13.728	215	164835	49.58	ppb	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32845.D
Acq On : 22 Nov 2010 5:19 pm
Operator : olgaa
Sample : op46866-ms
Misc : op46866,e2m1417,400
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 16:31:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration



Manual Integration Approval Summary

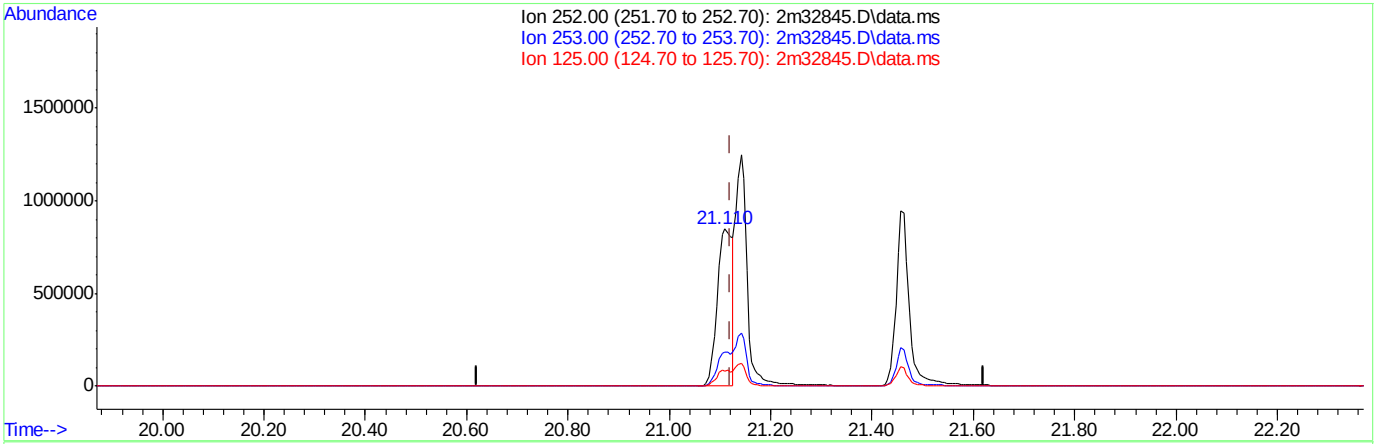
Sample Number: OP46866-MS
Lab FileID: 2M32845.D
Injection Time: 11/22/10 17:19
Method: SW846 8270C
Analyst approved: 11/23/10 17:06 Olga Azarihn
Supervisor approved: 11/23/10 17:54 Cheng-Hwan Ao

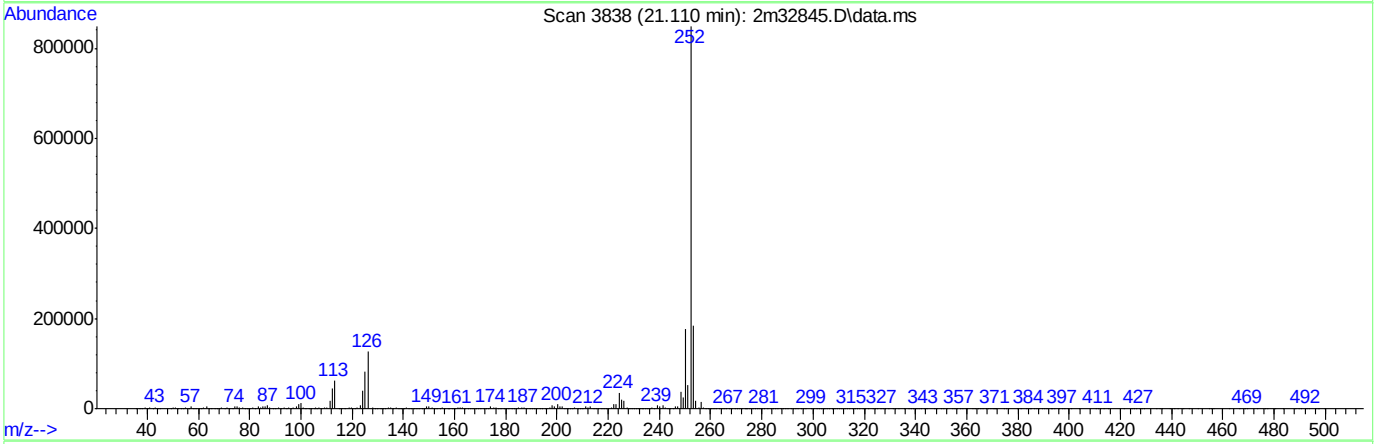
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		21.11	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.14	Overlapping peak
Indeno(1,2,3-cd)pyrene	193-39-5		22.60	Overlapping peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32845.D
Acq On : 22 Nov 2010 5:19 pm
Operator : olgaa
Sample : op46866-ms
Misc : op46866,e2m1417,400
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 16:31:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration





TIC: 2m32845.D\data.ms

(94) Benzo[b]fluoranthene (t)

21.110min (-0.011) 46.79ppb m

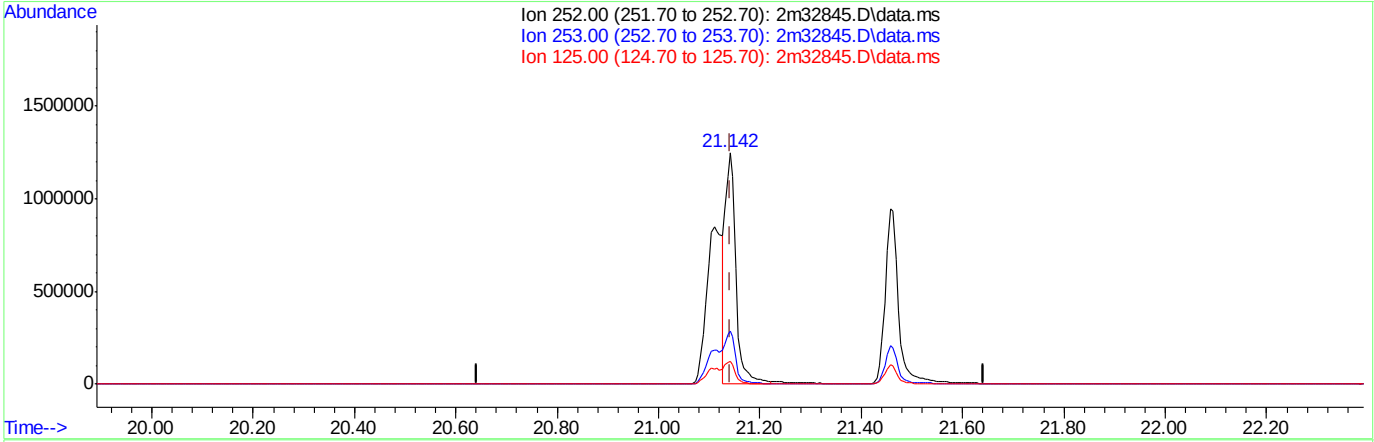
response 1814393

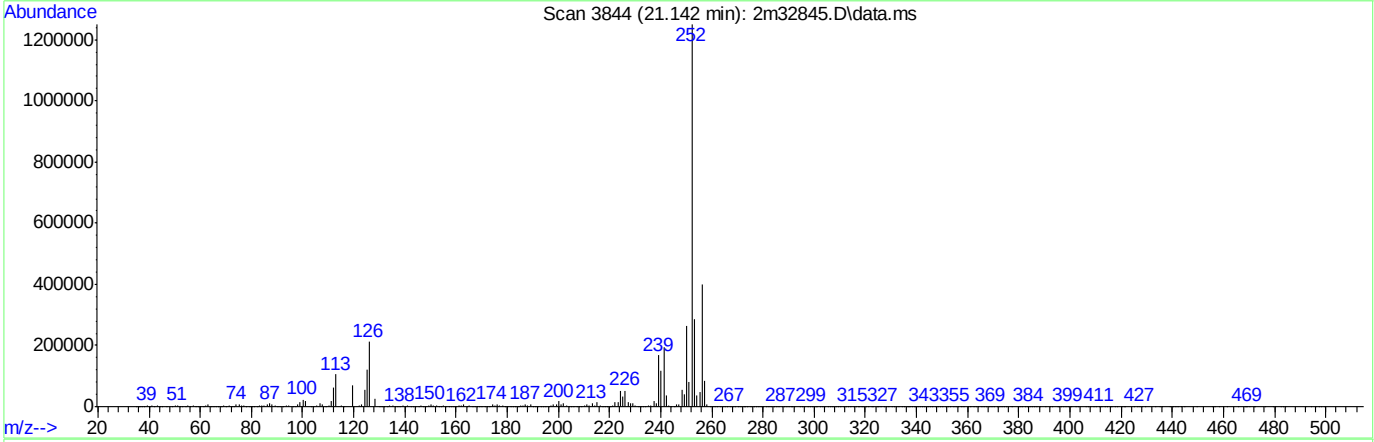
Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.64
125.00	9.20	9.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32845.D
Acq On : 22 Nov 2010 5:19 pm
Operator : olgaa
Sample : op46866-ms
Misc : op46866,e2m1417,400
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 16:31:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration





TIC: 2m32845.D\data.ms

(95) Benzo[k]fluoranthene (t)

21.142min (+0.000) 44.68ppb m

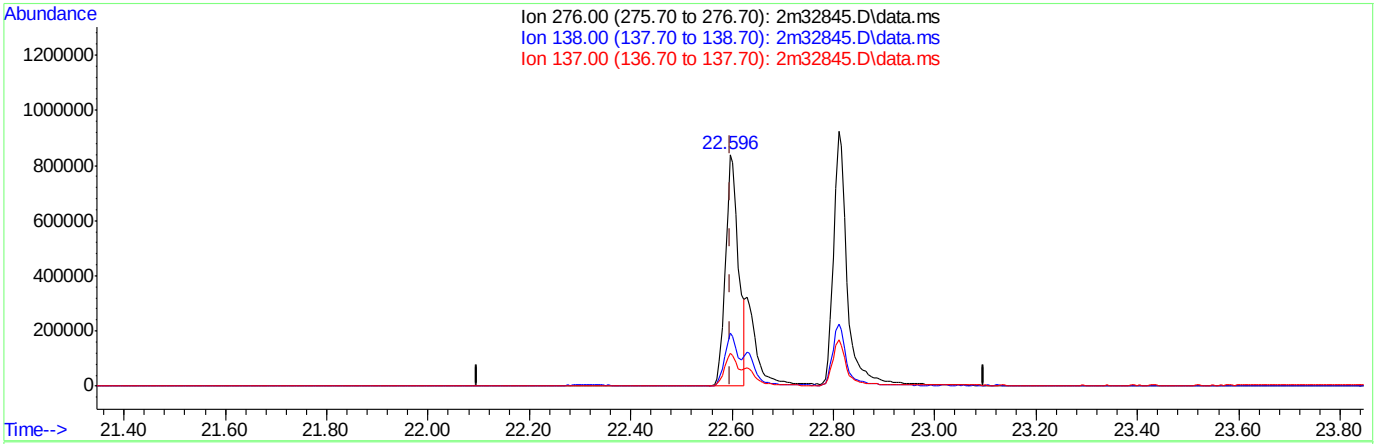
response 1871092

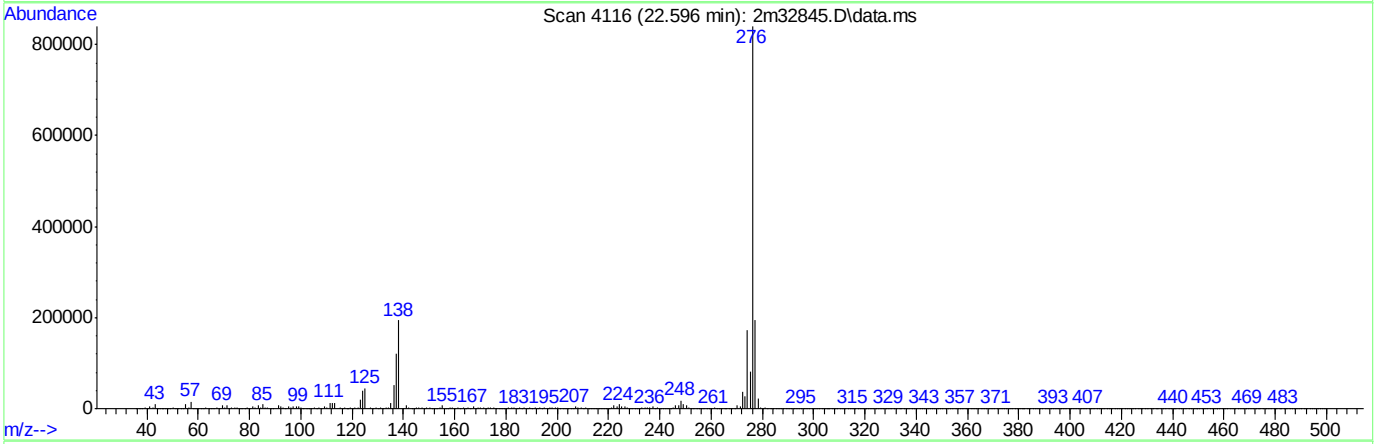
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.90
125.00	10.40	9.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32845.D
Acq On : 22 Nov 2010 5:19 pm
Operator : olgaa
Sample : op46866-ms
Misc : op46866,e2m1417,400
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 16:31:31 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration





TIC: 2m32845.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

22.596min (+0.000) 48.27ppb m

response 1514035

Ion	Exp%	Act%
276.00	100	100
138.00	21.90	23.03
137.00	14.90	14.32
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Cheng-Hwan Ao
11/23/10 17:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32846.D
Acq On : 22 Nov 2010 5:50 pm
Operator : olgaa
Sample : op46866-msd
Misc : op46866,e2m1417,400
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 16:32:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.908	152	383186	40.00	ppb	0.01
24) Naphthalene-d8	6.508	136	1468218	40.00	ppb	0.00
47) Acenaphthene-d10	10.428	164	850126	40.00	ppb	0.00
69) Phenanthrene-d10	13.718	188	1273840	40.00	ppb	0.01
83) Chrysene-d12	19.585	240	1396332	40.00	ppb	0.00
92) Perylene-d12	21.527	264	1338793	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	3.908	152	383186	40.00	ppb	0.01
104) Acenaphthene-d10a	10.428	164	850126	40.00	ppb	0.00
106) Chrysene-d12a	19.585	240	1396332	40.00	ppb	0.00
108) Phenanthrene-d10a	13.718	188	1273840	40.00	ppb	0.01
110) Chrysene-d12b	19.585	240	1396332	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.197	112	538587	36.82	ppb	0.03
Spiked Amount 50.000			Recovery = 73.64%			
8) Phenol-d5	4.047	99	610425	32.96	ppb	0.02
Spiked Amount 50.000			Recovery = 65.92%			
25) Nitrobenzene-d5	5.128	82	660595	43.99	ppb	0.00
Spiked Amount 50.000			Recovery = 87.98%			
51) 2-Fluorobiphenyl	9.096	172	1219054	41.90	ppb	0.00
Spiked Amount 50.000			Recovery = 83.80%			
73) 2,4,6-Tribromophenol	12.343	330	192540	49.40	ppb	0.00
Spiked Amount 50.000			Recovery = 98.80%			
85) Terphenyl-d14	17.595	244	622239	25.61	ppb	0.00
Spiked Amount 50.000			Recovery = 51.22%			
Target Compounds						Qvalue
2) 1,4-Dioxane	0.672	88	191180	31.99	ppb	96
3) Pyridine	0.811	79	325957	20.21	ppb	92
4) N-Nitrosodimethylamine	0.817	74	346174	38.44	ppb	86
6) Indene	4.432	116	986945	47.67	ppb	98
7) Cumene	2.550	105	1202276	42.42	ppb	99
9) Phenol	4.069	94	666736	34.69	ppb	89
10) Aniline	3.523	93	628327	28.87	ppb	99
11) bis(2-Chloroethyl)ether	3.657	93	622966	42.68	ppb	98
12) 2-Chlorophenol	3.791	128	622883	42.48	ppb	96
13) Decane	3.812	43	291543	24.38	ppb	84
14) 1,3-Dichlorobenzene	3.817	146	501744	32.76	ppb	97
15) 1,4-Dichlorobenzene	3.935	146	538180	34.66	ppb	100
16) Benzyl alcohol	4.523	108	431787	42.57	ppb	97
17) 1,2-Dichlorobenzene	4.277	146	512777	35.44	ppb	97
18) Acetophenone	4.860	105	853154	43.95	ppb	99
19) 2-Methylphenol	5.096	108	560411	41.27	ppb	99
20) 2,2'-oxybis(1-Chloropr...	4.716	45	637252	35.09	ppb	90
21) 3&4-Methylphenol	5.475	108	584103	41.33	ppb	99
22) n-Nitroso-di-n-propyla...	5.005	70	425568	42.83	ppb	94
23) Hexachloroethane	4.839	201	163606	35.75	ppb	99
26) Nitrobenzene	5.165	123	324500	43.20	ppb	96
27) Quinoline	7.358	129	923979	36.87	ppb	99
28) Isophorone	5.700	82	1302930	50.74	ppb	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32846.D
Acq On : 22 Nov 2010 5:50 pm
Operator : olgaa
Sample : op46866-msd
Misc : op46866,e2m1417,400
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 16:32:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2-Nitrophenol	5.844	139	329770	45.49	ppb		83
30) 2,4-Dimethylphenol	6.427	107	622435	47.71	ppb		96
31) Benzoic acid	7.198	105	460629	40.90	ppb		97
32) bis(2-Chloroethoxy)met...	6.363	93	803256	49.59	ppb		99
33) 2,4-Dichlorophenol	6.647	162	495611	44.42	ppb		99
34) 2,6-Dichlorophenol	6.989	162	518820	46.66	ppb		98
36) 1,2,4-Trichlorobenzene	6.476	180	438057	38.91	ppb		99
38) Naphthalene	6.545	128	1653191	40.04	ppb		99
39) 4-Chloroaniline	6.994	127	578708	31.88	ppb		96
40) 2,3-Dichloroaniline	8.957	161	601563	46.95	ppb		99
41) Caprolactam	7.850	55	127659	21.51	ppb		94
42) Hexachlorobutadiene	7.043	225	241162	39.76	ppb		95
43) 4-Chloro-3-methylphenol	8.583	107	582471	48.39	ppb		94
44) 2-Methylnaphthalene	8.102	142	1052036	38.56	ppb		98
45) 1-Methylnaphthalene	8.315	142	1104526	43.42	ppb		97
46) Dimethylnaphthalene	9.540	156	969410	45.69	ppb		99
48) Hexachlorocyclopentadiene	8.642	237	348669	68.69	ppb		97
49) 2,4,6-Trichlorophenol	9.075	196	359257	47.09	ppb		98
50) 2,4,5-Trichlorophenol	9.342	196	388241	48.17	ppb		96
52) 2-Chloronaphthalene	9.161	162	1082942	43.04	ppb		99
53) Biphenyl	9.241	154	1302375	42.54	ppb		99
54) 2-Nitroaniline	9.749	65	359032	47.25	ppb		98
55) Dimethylphthalate	10.294	163	1280299	47.22	ppb		98
56) Acenaphthylene	10.064	152	1596849	42.85	ppb		99
57) 2,6-Dinitrotoluene	10.401	89	175464	50.84	ppb		96
58) 3-Nitroaniline	10.760	138	264991	34.12	ppb		94
59) Acenaphthene	10.492	153	1029396	43.17	ppb		99
60) 2,4-Dinitrophenol	10.990	184	151267	47.51	ppb		93
61) 4-Nitrophenol	11.990	109	152479	37.45	ppb	#	54
62) Dibenzofuran	10.883	168	1527913	43.44	ppb		99
63) 2,4-Dinitrotoluene	11.279	165	385495	49.51	ppb		84
64) 2,3,4,6-Tetrachlorophenol	11.530	232	242861	37.71	ppb		97
65) Diethylphthalate	11.937	149	1241378	47.17	ppb		98
66) Fluorene	11.653	166	1299142	46.99	ppb		100
67) 4-Chlorophenyl-phenyle...	11.824	204	571559	45.93	ppb		98
68) 4-Nitroaniline	12.199	138	326697	43.13	ppb		92
70) 4,6-Dinitro-2-methylph...	12.193	198	121566	25.20	ppb	#	64
71) n-Nitrosodiphenylamine	12.204	169	816386	40.36	ppb		99
72) 1,2-Diphenylhydrazine	12.156	77	1459214	49.00	ppb		96
74) 4-Bromophenyl-phenylether	12.889	248	323496	47.51	ppb		96
75) Hexachlorobenzene	13.065	284	396040	49.33	ppb		99
76) Pentachlorophenol	13.723	266	158470	31.32	ppb		97
77) Phenanthrene	13.766	178	1709525	43.83	ppb		99
78) Anthracene	13.867	178	1801564	46.89	ppb		99
79) Carbazole	14.509	167	1715505	45.63	ppb		99
80) Di-n-butylphthalate	15.702	149	2062417	51.31	ppb		100
81) Fluoranthene	16.456	202	1829595	48.09	ppb		99
82) Octadecane	14.108	57	323997	19.94	ppb		98
84) Pyrene	16.905	202	1930761	46.27	ppb		98
86) Butylbenzylphthalate	19.007	149	907053	49.58	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32846.D
Acq On : 22 Nov 2010 5:50 pm
Operator : olgaa
Sample : op46866-msd
Misc : op46866,e2m1417,400
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 16:32:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration

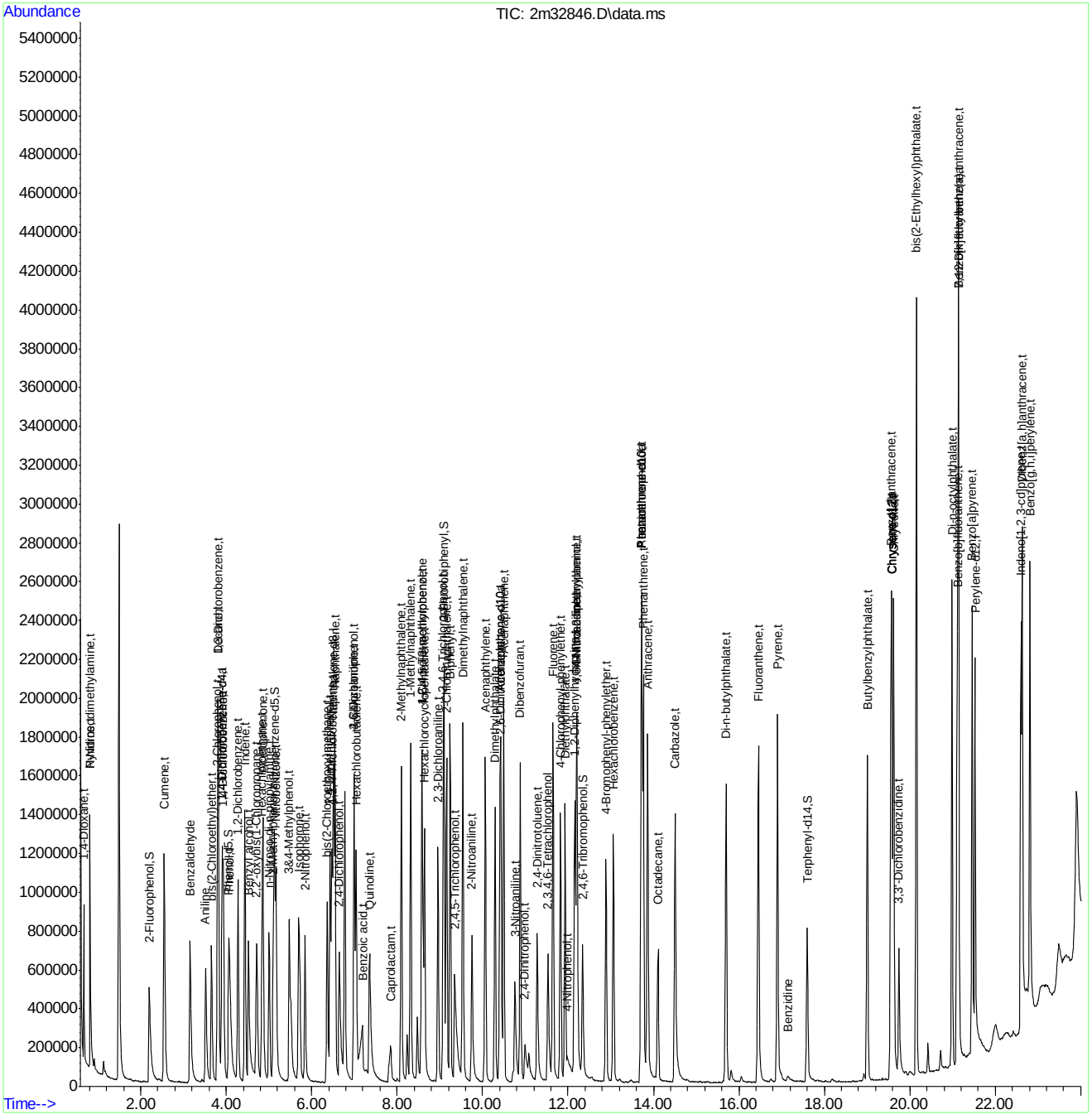
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo[a]anthracene	19.564	228	1715215	44.42	ppb	99
89) 3,3'-Dichlorobenzidine	19.740	252	382700	26.92	ppb	98
90) Chrysene	19.622	228	1872109	49.13	ppb	99
91) bis(2-Ethylhexyl)phtha...	20.157	149	2272549	93.37	ppb	99
93) Di-n-octylphthalate	20.986	149	2253636	52.07	ppb	98
94) Benzo[b]fluoranthene	21.109	252	1722676m	45.76	ppb	
95) Benzo[k]fluoranthene	21.142	252	2171908m	53.42	ppb	
96) Benzo[a]pyrene	21.457	252	1850350	51.61	ppb	99
97) Indeno[1,2,3-cd]pyrene	22.602	276	1493823m	49.06	ppb	
99) Dibenz[a,h]anthracene	22.634	278	1768466	54.99	ppb	99
100) 7,12-Dimethylbenz(a)an...	21.142	256	616060	37.78	ppb	99
101) Benzo[g,h,i]perylene	22.810	276	1849397	52.55	ppb	98
103) Benzaldehyde	3.154	105	425926	42.18	ppb	96
105) 1,2,4,5-Tetrachloroben...	8.578	216	430853	42.05	ppb	100
107) Benzidine	17.146	184	60910	4.61	ppb	97
109) Atrazine	13.728	215	168689	51.30	ppb	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32846.D
Acq On : 22 Nov 2010 5:50 pm
Operator : olgaa
Sample : op46866-msd
Misc : op46866,e2m1417,400
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 16:32:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration



Manual Integration Approval Summary

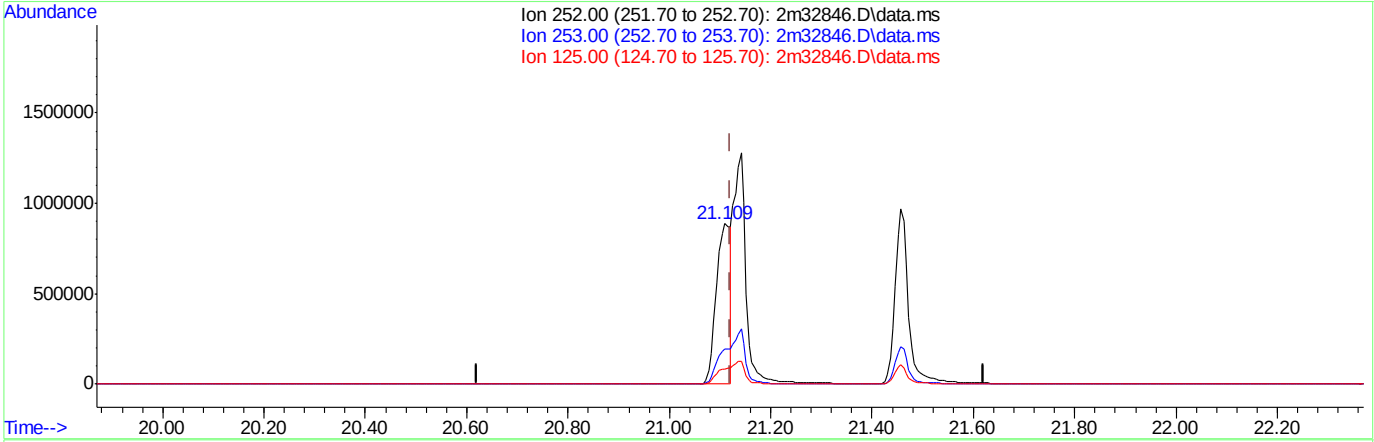
Sample Number: OP46866-MSD
Lab FileID: 2M32846.D
Injection Time: 11/22/10 17:50
Method: SW846 8270C
Analyst approved: 11/23/10 17:06 Olga Azarihn
Supervisor approved: 11/23/10 17:54 Cheng-Hwan Ao

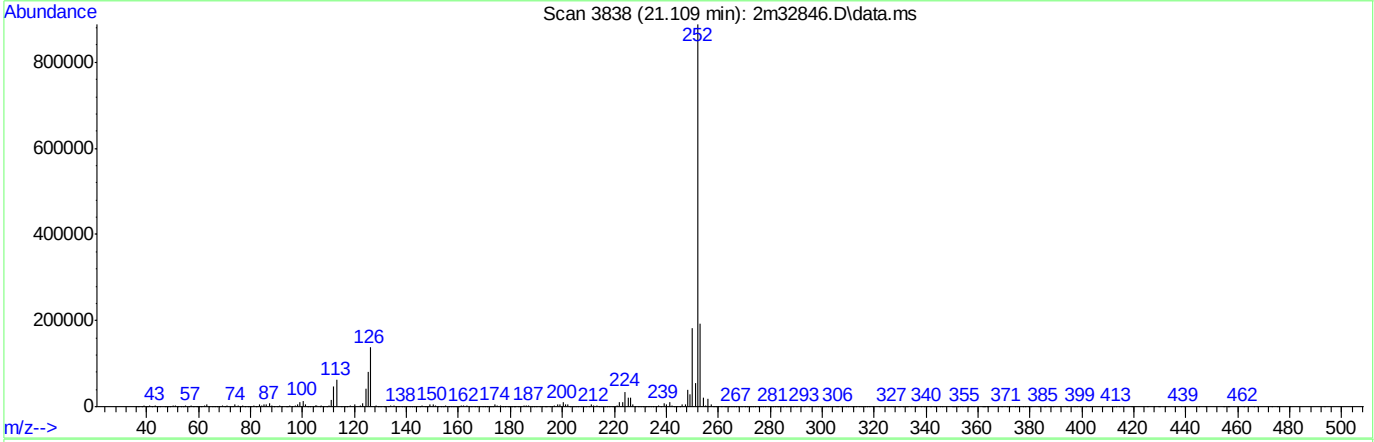
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		21.11	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.14	Overlapping peak
Indeno(1,2,3-cd)pyrene	193-39-5		22.60	Overlapping peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32846.D
Acq On : 22 Nov 2010 5:50 pm
Operator : olgaa
Sample : op46866-msd
Misc : op46866,e2m1417,400
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 16:32:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration





TIC: 2m32846.D\data.ms

(94) Benzo[b]fluoranthene (t)

21.109min (-0.011) 45.76ppb m

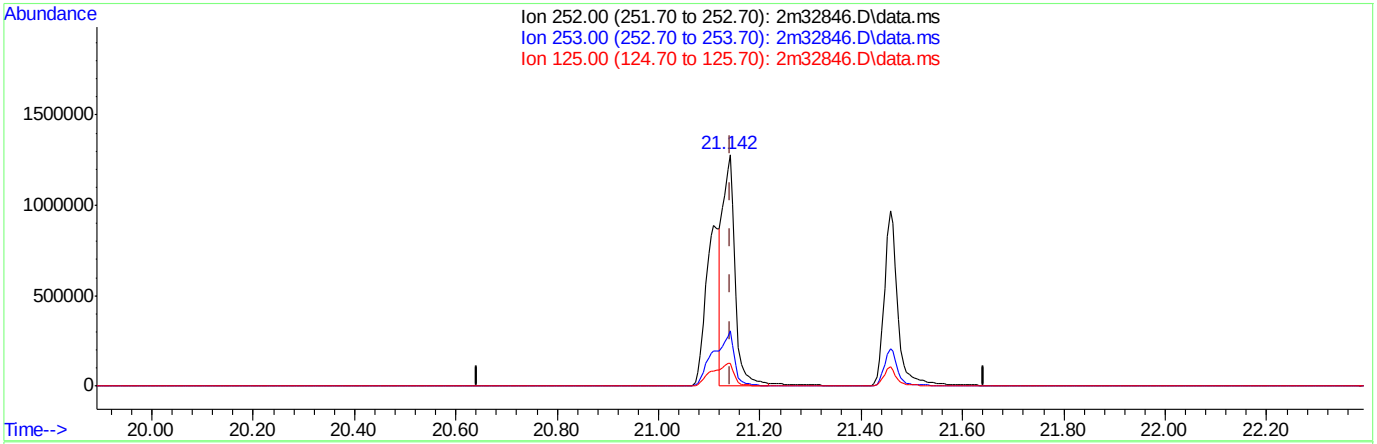
response 1722676

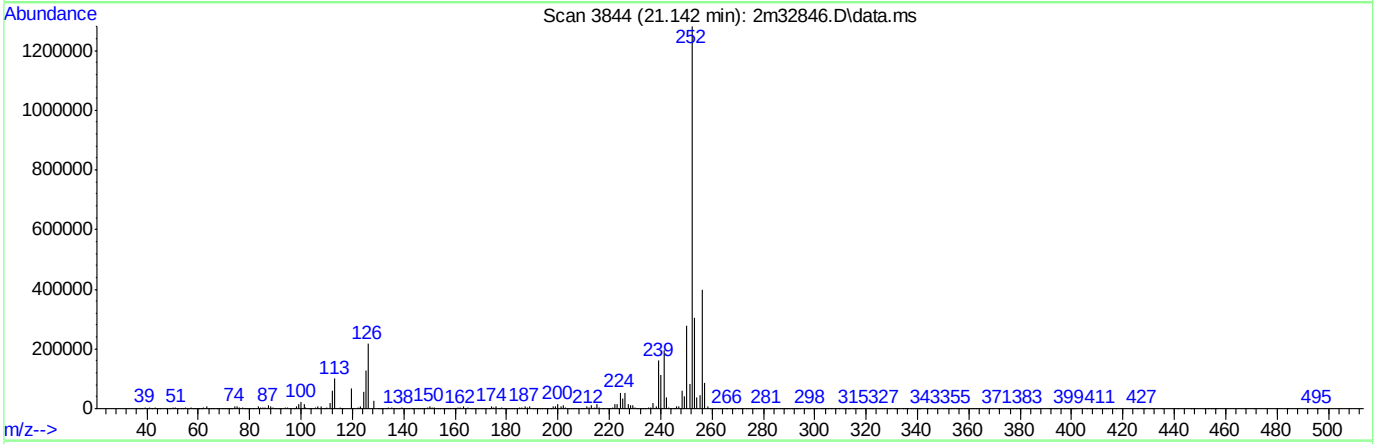
Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.79
125.00	9.20	9.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32846.D
Acq On : 22 Nov 2010 5:50 pm
Operator : olgaa
Sample : op46866-msd
Misc : op46866,e2m1417,400
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 16:32:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration





TIC: 2m32846.D\data.ms

(95) Benzo[k]fluoranthene (t)

21.142min (-0.000) 53.42ppb m

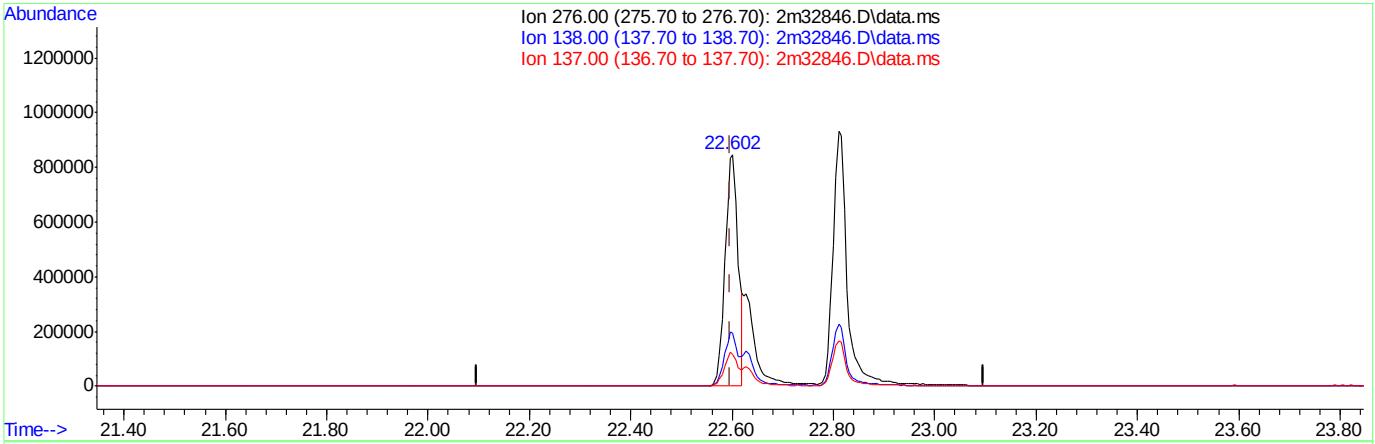
response 2171908

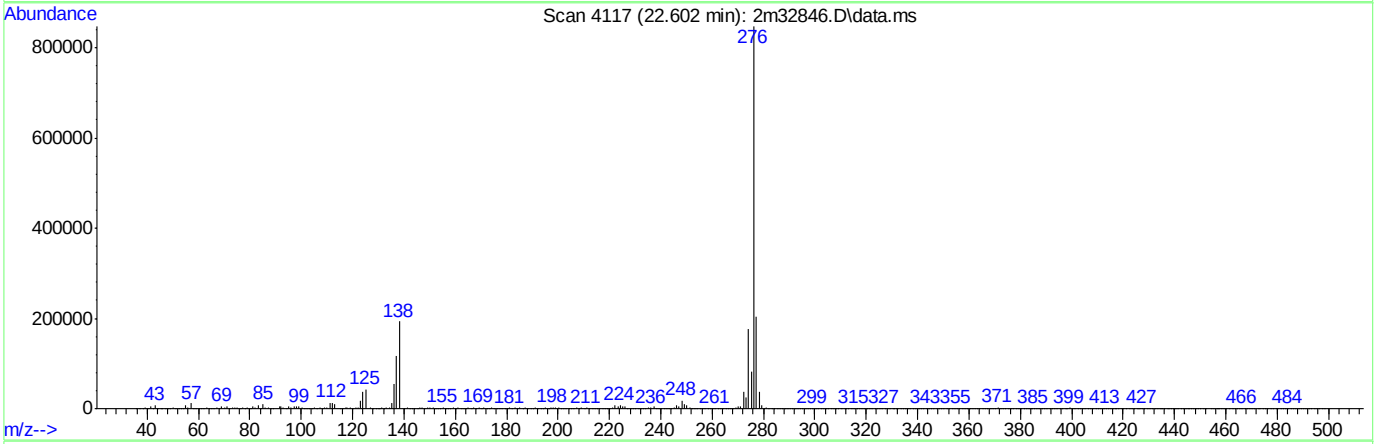
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.76
125.00	10.40	9.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32846.D
Acq On : 22 Nov 2010 5:50 pm
Operator : olgaa
Sample : op46866-msd
Misc : op46866,e2m1417,400
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 16:32:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:30:44 2010
Response via : Initial Calibration





TIC: 2m32846.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

22.602min (+0.005) 49.06ppb m

response 1493823

Ion	Exp%	Act%
276.00	100	100
138.00	21.90	22.86
137.00	14.90	13.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93520.D Vial: 7
Acq On : 30 Nov 2010 1:04 am Operator: larisap
Sample : op46863-ms Inst : MSF
Misc : op46863,ef4370,35.3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 01:21:27 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.06	152	191906	40.00	ppb	-0.03
24) Naphthalene-d8	4.69	136	695885	40.00	ppb	-0.03
47) Acenaphthene-d10	7.33	164	471939	40.00	ppb	-0.03
69) Phenanthrene-d10	9.61	188	810360	40.00	ppb	-0.03
83) Chrysene-d12	13.24	240	859182	40.00	ppb	-0.02
92) Perylene-d12	14.62	264	734090	40.00	ppb	-0.02
102) 1,4-Dichlorobenzene-d4A	3.06	152	191906	40.00	ppb	-0.03
104) Acenaphthene-d10a	7.33	164	471939	40.00	ppb	-0.03
106) Phenanthrene-d10a	9.61	188	810360	40.00	ppb	-0.03
108) Chrysene-d12a	13.24	240	859182	40.00	ppb	-0.02
110) Naphthalene-d8a	4.69	136	695885	40.00	ppb	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	1.92	112	265514	42.43	ppb	-0.02
Spiked Amount 50.000			Recovery =	84.86%		
8) Phenol-d5	2.80	99	340058	44.79	ppb	-0.01
Spiked Amount 50.000			Recovery =	89.58%		
25) Nitrobenzene-d5	3.77	82	305464	44.44	ppb	-0.03
Spiked Amount 50.000			Recovery =	88.88%		
51) 2-Fluorobiphenyl	6.37	172	643567	38.16	ppb	-0.03
Spiked Amount 50.000			Recovery =	76.32%		
73) 2,4,6-Tribromophenol	8.60	330	100575	51.52	ppb	-0.02
Spiked Amount 50.000			Recovery =	103.04%		
85) Terphenyl-d14	12.08	244	759305	43.52	ppb	-0.02
Spiked Amount 50.000			Recovery =	87.04%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.87	88	2176	0.69	ppb	# 1
3) Pyridine	1.12	79	218320	29.06	ppb	90
4) N-Nitrosodimethylamine	1.12	74	155660	34.35	ppb	# 70
6) Indene	3.38	116	461142	49.23	ppb	98
7) Cumene	2.29	105	560819	43.77	ppb	98
9) Phenol	2.81	94	363770	44.23	ppb	93
10) Aniline	2.76	93	360824	40.09	ppb	# 53
11) bis(2-Chloroethyl)ether	2.84	93	270522	39.85	ppb	97
12) 2-Chlorophenol	2.88	128	284278	46.12	ppb	96
13) Decane	2.94	43	325385	44.04	ppb	87
14) 1,3-Dichlorobenzene	3.01	146	311969	40.49	ppb	98
15) 1,4-Dichlorobenzene	3.08	146	307015	41.18	ppb	99
16) Benzyl alcohol	3.29	108	193351	49.76	ppb	95
17) 1,2-Dichlorobenzene	3.29	146	295149	41.61	ppb	98
18) Acetophenone	3.59	105	386076	47.35	ppb	94
19) 2-Methylphenol	3.49	108	252354	47.49	ppb	96
20) 2,2'-oxybis(1-Chloropropan	3.47	121	92543	46.44	ppb	# 76
21) 3&4-Methylphenol	3.69	108	270855	50.24	ppb	99
22) n-Nitroso-di-n-propylamine	3.65	70	199224	45.33	ppb	83
23) Hexachloroethane	3.65	201	112855	42.61	ppb	97
26) Nitrobenzene	3.79	123	144184	45.48	ppb	89
27) Quinoline	5.22	129	616947	51.60	ppb	97
28) Isophorone	4.11	82	589060	46.02	ppb	94

(#) = qualifier out of range (m) = manual integration
F93520.D MF4329.M Tue Nov 30 07:50:53 2010 GCMS3A Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93520.D Vial: 7
Acq On : 30 Nov 2010 1:04 am Operator: larisap
Sample : op46863-ms Inst : MSF
Misc : op46863,ef4370,35.3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 01:21:27 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	2-Nitrophenol	4.23	139	157199	51.93	ppb		78
30)	2,4-Dimethylphenol	4.37	107	286407	52.47	ppb		95
31)	Benzoic acid	4.64	105	187598	44.88	ppb		96
32)	bis(2-Chloroethoxy)methane	4.48	93	358802	46.49	ppb		99
33)	2,4-Dichlorophenol	4.58	162	264466	48.25	ppb		97
34)	2,6-Dichlorophenol	4.89	162	256139	47.65	ppb		99
36)	1,2,4-Trichlorobenzene	4.65	180	279377	42.52	ppb		99
38)	Naphthalene	4.72	128	816116	42.84	ppb		100
39)	4-Chloroaniline	4.89	127	296940	38.46	ppb		96
40)	2,3-Dichloroaniline	6.25	161	324786	47.77	ppb		98
41)	Caprolactam	5.39	55	186720	52.83	ppb		94
42)	Hexachlorobutadiene	5.02	225	174958	45.87	ppb		97
43)	4-Chloro-3-methylphenol	5.73	107	258259	48.89	ppb	#	67
44)	2-Methylnaphthalene	5.74	142	745050	54.49	ppb		94
45)	1-Methylnaphthalene	5.89	142	573135	44.69	ppb		96
46)	Dimethylnaphthalene	6.70	156	540334	46.73	ppb		97
48)	Hexachlorocyclopentadiene	6.10	237	358826	125.71	ppb		99
49)	2,4,6-Trichlorophenol	6.27	196	197133	44.29	ppb		99
50)	2,4,5-Trichlorophenol	6.35	196	227300	45.61	ppb		99
52)	2-Chloronaphthalene	6.46	162	574094	40.07	ppb		99
53)	Biphenyl	6.49	154	703821	41.26	ppb		99
54)	2-Nitroaniline	6.74	65	198690	52.20	ppb		94
55)	Dimethylphthalate	7.13	163	719569	45.17	ppb		99
56)	Acenaphthylene	7.09	152	908393	40.52	ppb		99
57)	2,6-Dinitrotoluene	7.20	165	160801	51.87	ppb		96
58)	3-Nitroaniline	7.40	138	149311	43.46	ppb		97
59)	Acenaphthene	7.38	153	572390	49.75	ppb		96
60)	2,4-Dinitrophenol	7.58	184	172073	99.00	ppb		99
61)	4-Nitrophenol	7.84	109	81059	49.76	ppb	#	85
62)	Dibenzofuran	7.64	168	855004	43.13	ppb		94
63)	2,4-Dinitrotoluene	7.81	165	222966	53.19	ppb		95
64)	2,3,4,6-Tetrachlorophenol	7.96	232	168428	40.58	ppb	#	13
65)	Diethylphthalate	8.25	149	659241	45.62	ppb		99
66)	Fluorene	8.17	166	733258	44.81	ppb		98
67)	4-Chlorophenyl-phenylether	8.24	204	341564	44.68	ppb		95
68)	4-Nitroaniline	8.36	138	181762	46.87	ppb		87
70)	4,6-Dinitro-2-methylphenol	8.44	198	132072	48.71	ppb	#	98
71)	n-Nitrosodiphenylamine	8.46	169	505482	44.62	ppb		99
72)	1,2-Diphenylhydrazine	8.48	77	736927	46.30	ppb		98
74)	4-Bromophenyl-phenylether	8.99	248	220756	44.64	ppb		97
75)	Hexachlorobenzene	9.16	284	223699	45.72	ppb		96
76)	Pentachlorophenol	9.49	266	111854	38.93	ppb		97
77)	Phenanthrene	9.64	178	1049978	50.75	ppb		99
78)	Anthracene	9.71	178	1040170	52.79	ppb		100
79)	Carbazole	10.04	167	1009335	45.43	ppb		98
80)	Di-n-butylphthalate	10.83	149	1209486	46.68	ppb		99
81)	Fluoranthene	11.48	202	1202798	44.39	ppb		96
82)	Octadecane	9.72	57	481344	49.46	ppb		91
84)	Pyrene	11.76	202	1236285	45.25	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93520.D Vial: 7
Acq On : 30 Nov 2010 1:04 am Operator: larisap
Sample : op46863-ms Inst : MSF
Misc : op46863,ef4370,35.3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 01:21:27 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

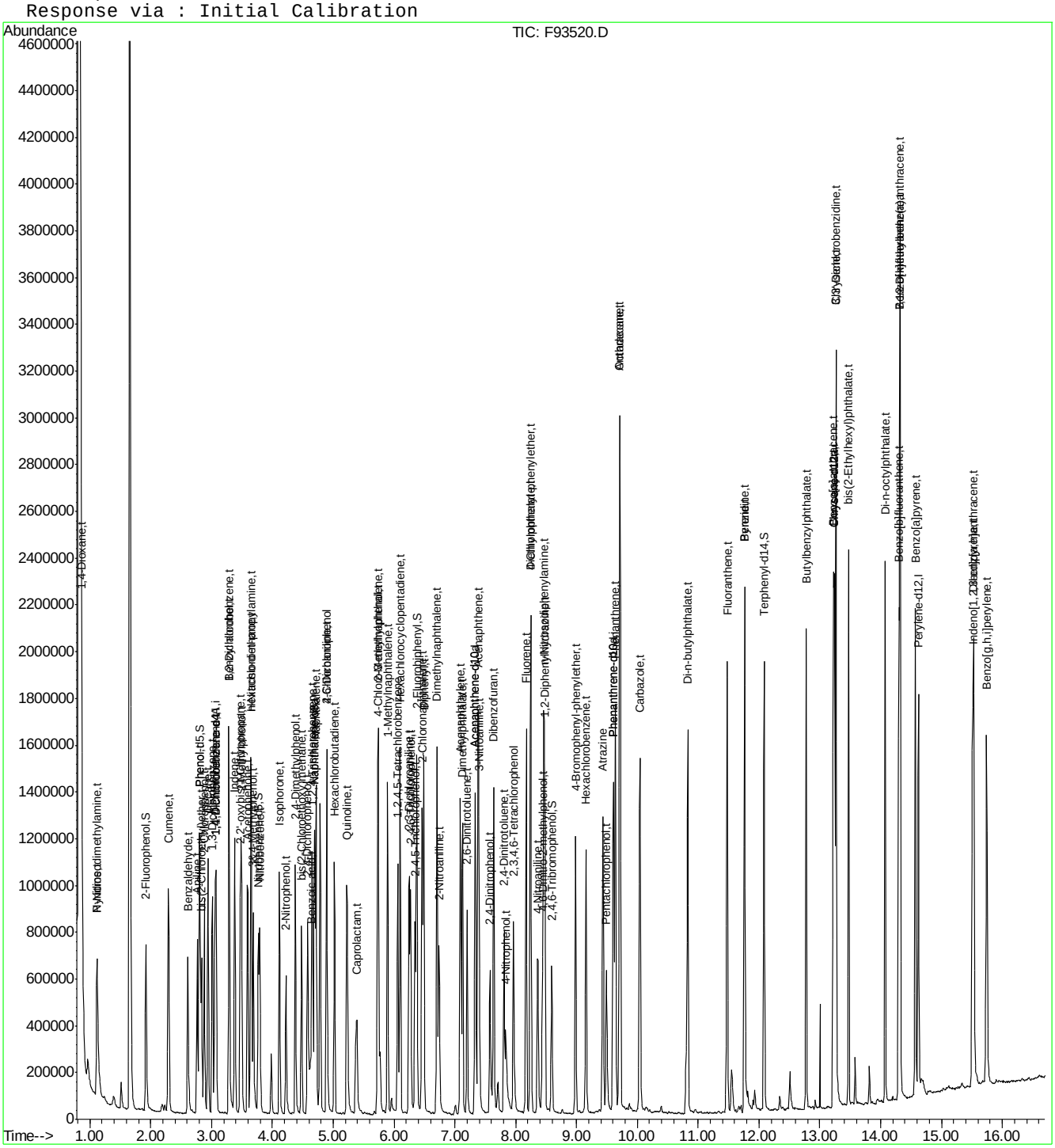
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
86)	Butylbenzylphthalate	12.78	149	522070	49.43	ppb		98
88)	Benzo[a]anthracene	13.22	228	1103344	44.90	ppb		99
89)	3,3'-Dichlorobenzidine	13.27	252	311522	36.99	ppb		99
90)	Chrysene	13.27	228	1020038	50.80	ppb		99
91)	bis(2-Ethylhexyl)phthalate	13.47	149	724719	49.52	ppb		100
93)	Di-n-octylphthalate	14.08	149	1259808	53.45	ppb		99
94)	Benzo[b]fluoranthene	14.30	252	1224458	55.63	ppb		97
95)	Benzo[k]fluoranthene	14.32	252	883117	37.87	ppb		95
96)	Benzo[a]pyrene	14.57	252	1052311	48.24	ppb		97
97)	Indeno[1,2,3-cd]pyrene	15.51	276	1112753	46.94	ppb		92
99)	Dibenz[a,h]anthracene	15.53	278	909878	47.28	ppb		97
100)	7,12-Dimethylbenz(a)anthra	14.32	256	463934	51.87	ppb		98
101)	Benzo[g,h,i]perylene	15.74	276	952203	45.46	ppb		96
103)	Benzaldehyde	2.61	105	192517	42.90	ppb	#	100
105)	1,2,4,5-Tetrachlorobenzene	6.06	216	296830	45.28	ppb		99
107)	Atrazine	9.44	200	217196	57.09	ppb	#	100
109)	Benzidine	11.76	184	149065	14.83	ppb		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93520.D Vial: 7
Acq On : 30 Nov 2010 1:04 am Operator: larisap
Sample : op46863-ms Inst : MSF
Misc : op46863,ef4370,35.3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 7:50 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 23:27:14 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integrations APPROVED (compounds with "m" flag)
Cheng-Hwan Ao
12/05/10 18:47

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93521.D Vial: 8
Acq On : 30 Nov 2010 1:28 am Operator: larisap
Sample : op46863-msd Inst : MSF
Misc : op46863,ef4370,35.1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 01:45:16 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.06	152	172283	40.00	ppb	-0.03
24) Naphthalene-d8	4.69	136	624732	40.00	ppb	-0.03
47) Acenaphthene-d10	7.33	164	415703	40.00	ppb	-0.03
69) Phenanthrene-d10	9.61	188	733955	40.00	ppb	-0.03
83) Chrysene-d12	13.24	240	799788	40.00	ppb	-0.02
92) Perylene-d12	14.62	264	698991	40.00	ppb	-0.02
102) 1,4-Dichlorobenzene-d4A	3.06	152	172283	40.00	ppb	-0.03
104) Acenaphthene-d10a	7.33	164	415703	40.00	ppb	-0.03
106) Phenanthrene-d10a	9.61	188	733955	40.00	ppb	-0.03
108) Chrysene-d12a	13.24	240	799788	40.00	ppb	-0.02
110) Naphthalene-d8a	4.69	136	624732	40.00	ppb	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	1.92	112	234141	41.68	ppb	-0.02
Spiked Amount 50.000			Recovery = 83.36%			
8) Phenol-d5	2.79	99	302320	44.35	ppb	-0.02
Spiked Amount 50.000			Recovery = 88.70%			
25) Nitrobenzene-d5	3.77	82	282118	45.71	ppb	-0.03
Spiked Amount 50.000			Recovery = 91.42%			
51) 2-Fluorobiphenyl	6.37	172	574359	38.67	ppb	-0.03
Spiked Amount 50.000			Recovery = 77.34%			
73) 2,4,6-Tribromophenol	8.60	330	85686	48.46	ppb	-0.02
Spiked Amount 50.000			Recovery = 96.92%			
85) Terphenyl-d14	12.08	244	663278	40.84	ppb	-0.02
Spiked Amount 50.000			Recovery = 81.68%			
Target Compounds						Qvalue
2) 1,4-Dioxane	0.87	88	3113	1.10	ppb	# 1
3) Pyridine	1.12	79	199325	29.55	ppb	89
4) N-Nitrosodimethylamine	1.11	74	138636	34.08	ppb	# 68
6) Indene	3.38	116	421728	50.15	ppb	100
7) Cumene	2.29	105	511932	44.51	ppb	98
9) Phenol	2.81	94	319695	43.29	ppb	93
10) Aniline	2.76	93	279933	34.65	ppb	# 48
11) bis(2-Chloroethyl)ether	2.84	93	235448	38.63	ppb	97
12) 2-Chlorophenol	2.88	128	248919	44.98	ppb	98
13) Decane	2.94	43	287180	43.30	ppb	88
14) 1,3-Dichlorobenzene	3.01	146	278358	40.25	ppb	97
15) 1,4-Dichlorobenzene	3.08	146	278909	41.67	ppb	97
16) Benzyl alcohol	3.29	108	174514	50.03	ppb	95
17) 1,2-Dichlorobenzene	3.29	146	269291	42.29	ppb	95
18) Acetophenone	3.59	105	344439	47.06	ppb	95
19) 2-Methylphenol	3.49	108	220859	46.30	ppb	97
20) 2,2'-oxybis(1-Chloropropan	3.47	121	82132	45.91	ppb	# 77
21) 3&4-Methylphenol	3.69	108	245572	50.76	ppb	99
22) n-Nitroso-di-n-propylamine	3.65	70	177983	45.11	ppb	87
23) Hexachloroethane	3.65	201	103901	43.70	ppb	99
26) Nitrobenzene	3.79	123	128506	45.15	ppb	96
27) Quinoline	5.22	129	552716	51.49	ppb	99
28) Isophorone	4.11	82	533818	46.45	ppb	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93521.D Vial: 8
Acq On : 30 Nov 2010 1:28 am Operator: larisap
Sample : op46863-msd Inst : MSF
Misc : op46863,ef4370,35.1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 01:45:16 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	2-Nitrophenol	4.23	139	143375	52.75	ppb		79
30)	2,4-Dimethylphenol	4.37	107	255391	52.11	ppb		97
31)	Benzoic acid	4.64	105	178644	47.24	ppb		98
32)	bis(2-Chloroethoxy)methane	4.48	93	322582	46.56	ppb		100
33)	2,4-Dichlorophenol	4.58	162	240458	48.87	ppb		99
34)	2,6-Dichlorophenol	4.89	162	230397	47.74	ppb		99
36)	1,2,4-Trichlorobenzene	4.65	180	248802	42.18	ppb		99
38)	Naphthalene	4.72	128	732300	42.82	ppb		100
39)	4-Chloroaniline	4.89	127	241364	34.82	ppb		94
40)	2,3-Dichloroaniline	6.24	161	289083	47.36	ppb		99
41)	Caprolactam	5.38	55	154103	48.57	ppb		96
42)	Hexachlorobutadiene	5.02	225	154850	45.22	ppb		96
43)	4-Chloro-3-methylphenol	5.73	107	228256	48.13	ppb	#	39
44)	2-Methylnaphthalene	5.74	142	667558	54.38	ppb		91
45)	1-Methylnaphthalene	5.89	142	505008	43.87	ppb		97
46)	Dimethylnaphthalene	6.70	156	487711	46.98	ppb		98
48)	Hexachlorocyclopentadiene	6.10	237	318795	126.80	ppb		98
49)	2,4,6-Trichlorophenol	6.27	196	176926	45.13	ppb		99
50)	2,4,5-Trichlorophenol	6.35	196	196905	44.86	ppb		98
52)	2-Chloronaphthalene	6.46	162	514213	40.75	ppb		99
53)	Biphenyl	6.49	154	637632	42.44	ppb		98
54)	2-Nitroaniline	6.74	65	171202	51.06	ppb		94
55)	Dimethylphthalate	7.13	163	600042	42.76	ppb		99
56)	Acenaphthylene	7.09	152	802022	40.62	ppb		98
57)	2,6-Dinitrotoluene	7.20	165	135848	49.75	ppb		96
58)	3-Nitroaniline	7.40	138	124138	41.02	ppb		97
59)	Acenaphthene	7.38	153	506325	49.98	ppb		99
60)	2,4-Dinitrophenol	7.57	184	151877	99.19	ppb		87
61)	4-Nitrophenol	7.84	109	68259	47.57	ppb	#	82
62)	Dibenzofuran	7.64	168	753377	43.14	ppb		98
63)	2,4-Dinitrotoluene	7.81	165	190914	51.70	ppb		97
64)	2,3,4,6-Tetrachlorophenol	7.96	232	145337	39.75	ppb	#	16
65)	Diethylphthalate	8.25	149	557046	43.77	ppb		99
66)	Fluorene	8.17	166	628013	43.57	ppb		99
67)	4-Chlorophenyl-phenylether	8.24	204	294864	43.79	ppb		93
68)	4-Nitroaniline	8.36	138	147949	43.31	ppb		83
70)	4,6-Dinitro-2-methylphenol	8.44	198	112449	46.01	ppb	#	93
71)	n-Nitrosodiphenylamine	8.46	169	437602	42.65	ppb		99
72)	1,2-Diphenylhydrazine	8.48	77	644369	44.70	ppb		97
74)	4-Bromophenyl-phenylether	8.99	248	192046	42.88	ppb		96
75)	Hexachlorobenzene	9.16	284	190645	43.02	ppb		95
76)	Pentachlorophenol	9.49	266	96971	37.26	ppb		100
77)	Phenanthrene	9.64	178	928052	49.49	ppb		100
78)	Anthracene	9.71	178	912634	51.04	ppb		99
79)	Carbazole	10.04	167	870155	43.24	ppb		99
80)	Di-n-butylphthalate	10.83	149	1022279	43.56	ppb		99
81)	Fluoranthene	11.47	202	1032018	42.06	ppb		98
82)	Octadecane	9.72	57	420140	47.67	ppb		91
84)	Pyrene	11.76	202	1086449	42.72	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93521.D Vial: 8
Acq On : 30 Nov 2010 1:28 am Operator: larisap
Sample : op46863-msd Inst : MSF
Misc : op46863,ef4370,35.1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 01:45:16 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

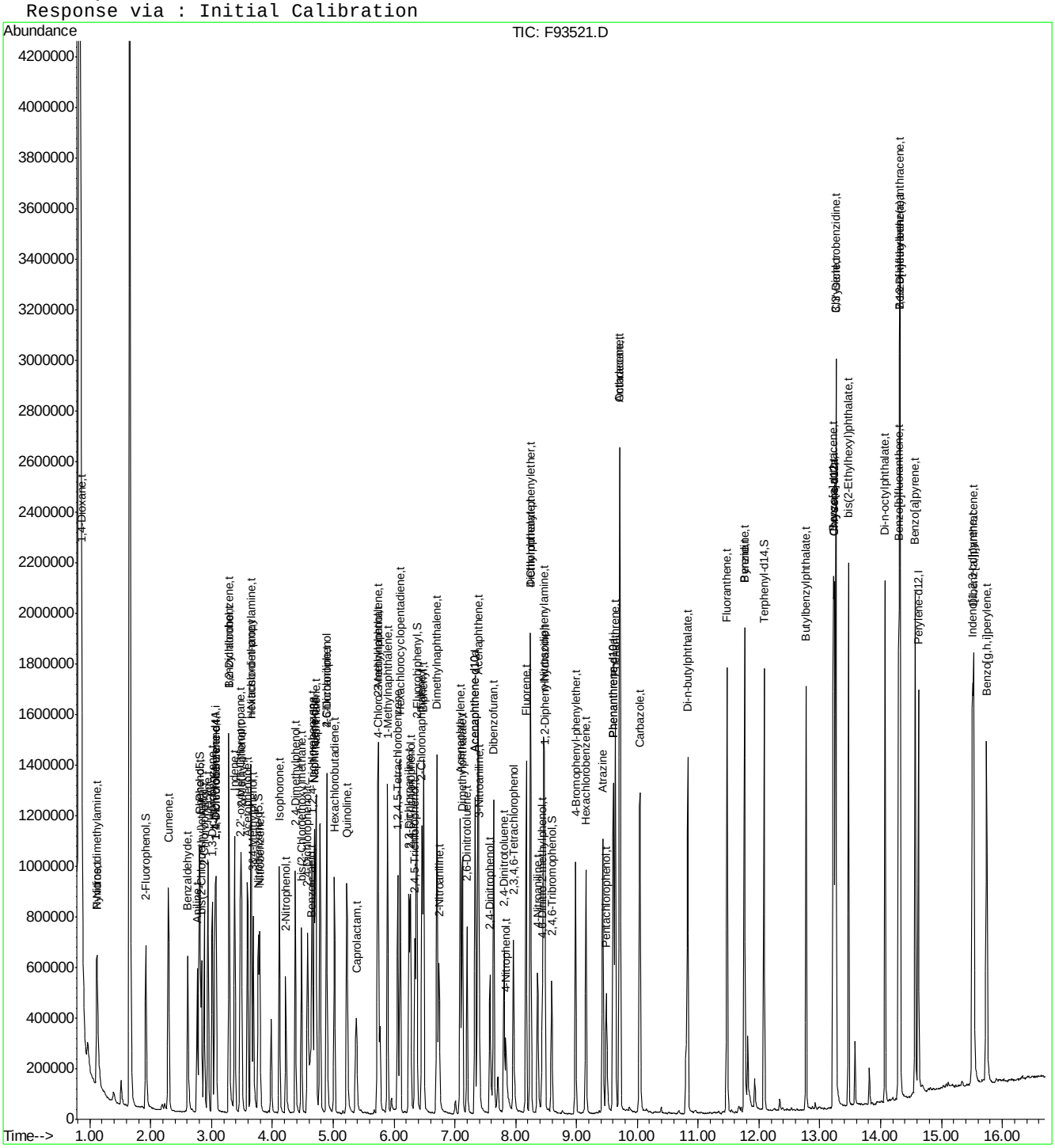
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
86)	Butylbenzylphthalate	12.78	149	450983	45.87	ppb		96
88)	Benzo[a]anthracene	13.22	228	984980	43.06	ppb		99
89)	3,3'-Dichlorobenzidine	13.26	252	254101	32.42	ppb		97
90)	Chrysene	13.26	228	920520	49.19	ppb		100
91)	bis(2-Ethylhexyl)phthalate	13.47	149	634512	46.58	ppb		99
93)	Di-n-octylphthalate	14.07	149	1108509	49.39	ppb		97
94)	Benzo[b]fluoranthene	14.30	252	1019728m	48.65	ppb		
95)	Benzo[k]fluoranthene	14.32	252	894474m	40.92	ppb		
96)	Benzo[a]pyrene	14.57	252	962691	46.35	ppb		99
97)	Indeno[1,2,3-cd]pyrene	15.51	276	1043913	46.24	ppb		91
99)	Dibenz[a,h]anthracene	15.53	278	851418	46.46	ppb		98
100)	7,12-Dimethylbenz(a)anthra	14.32	256	420286	49.35	ppb		98
101)	Benzo[g,h,i]perylene	15.74	276	899809	45.12	ppb		96
103)	Benzaldehyde	2.61	105	172887	42.92	ppb	#	100
105)	1,2,4,5-Tetrachlorobenzene	6.06	216	265584	46.00	ppb		99
107)	Atrazine	9.43	200	186557	54.14	ppb	#	100
109)	Benzidine	11.76	184	94293	10.08	ppb		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93521.D Vial: 8
Acq On : 30 Nov 2010 1:28 am Operator: larisap
Sample : op46863-msd Inst : MSF
Misc : op46863,ef4370,35.1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 7:51 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 23:27:14 2010
Response via : Initial Calibration



Manual Integration Approval Summary

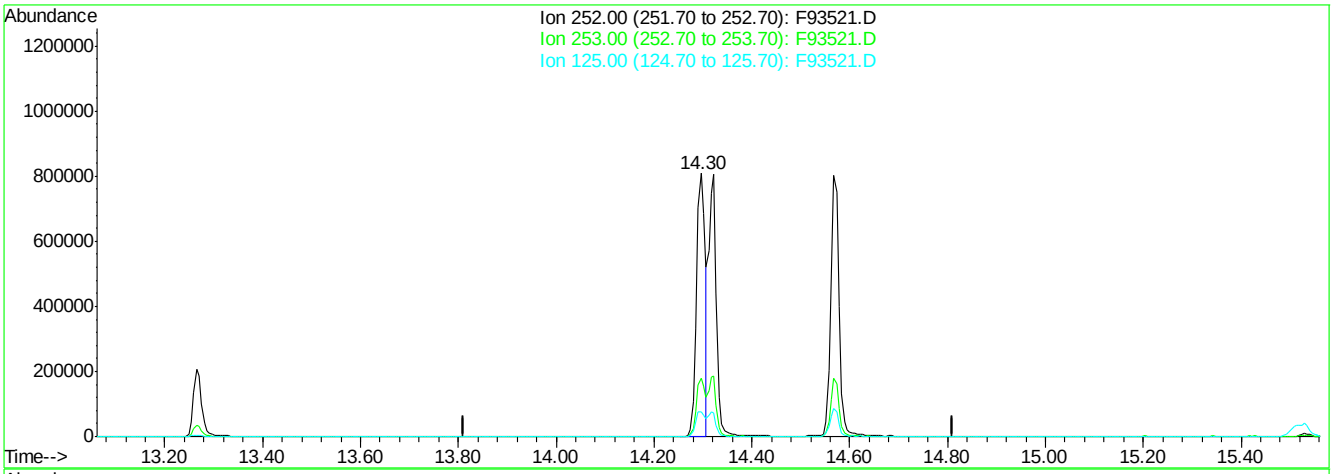
Sample Number:	OP46863-MSD	**Method:**	SW846 8270C
Lab FileID:	F93521.D	**Analyst approved:**	12/01/10 12:25 Nina Pandya
Injection Time:	11/30/10 01:28	**Supervisor approved:**	12/05/10 18:47 Cheng-Hwan Ao

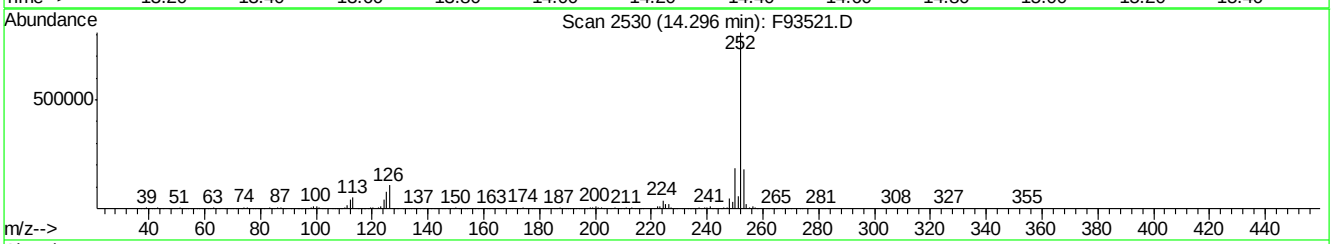
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.30	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.32	Overlapping peak

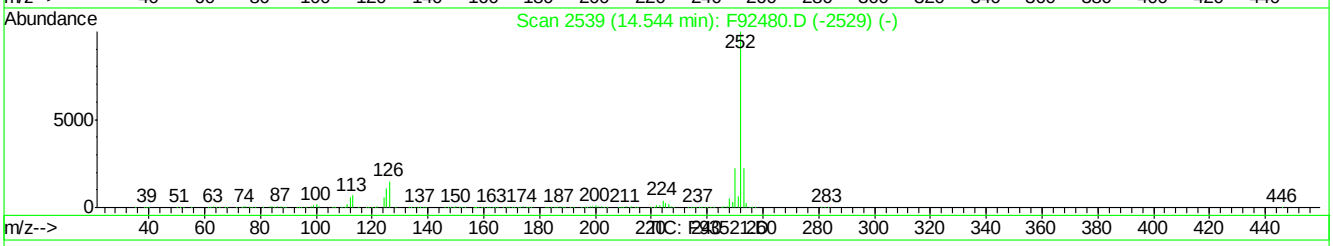
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93521.D Vial: 8
Acq On : 30 Nov 2010 1:28 am Operator: larisap
Sample : op46863-msd Inst : MSF
Misc : op46863,ef4370,35.1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 7:51 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 23:27:14 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.30min 48.65ppb m

response 1019728

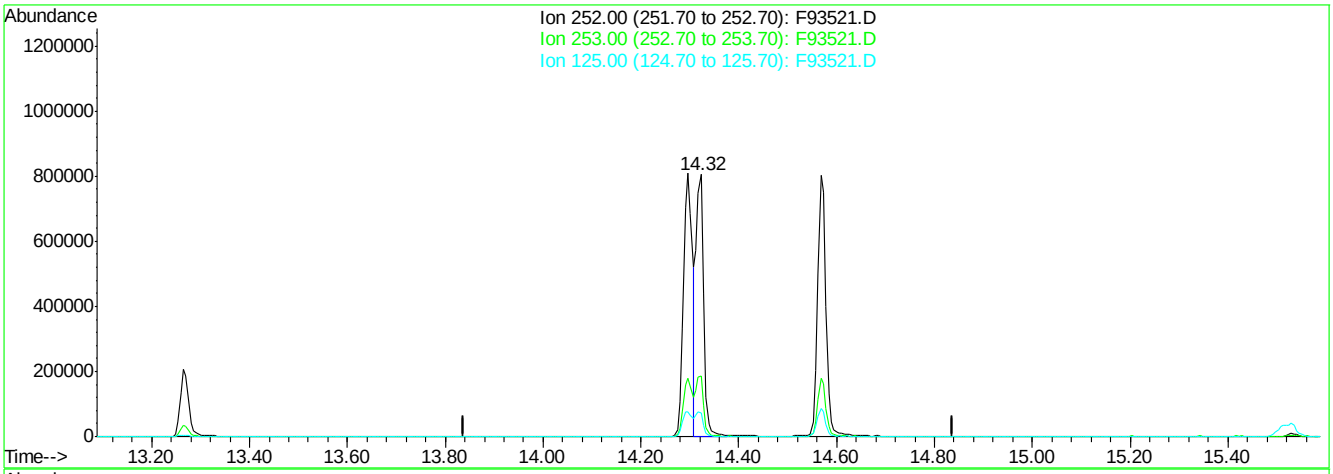
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.29
125.00	9.60	9.37
0.00	0.00	0.00

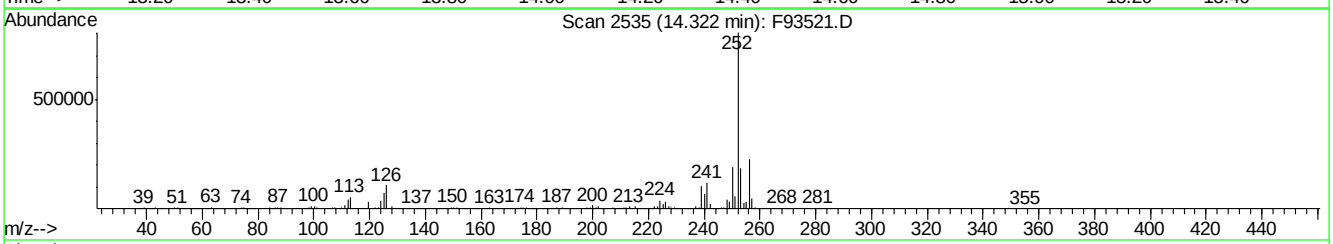
F93521.D MF4329.M Tue Nov 30 07:51:14 2010 GCMS3A

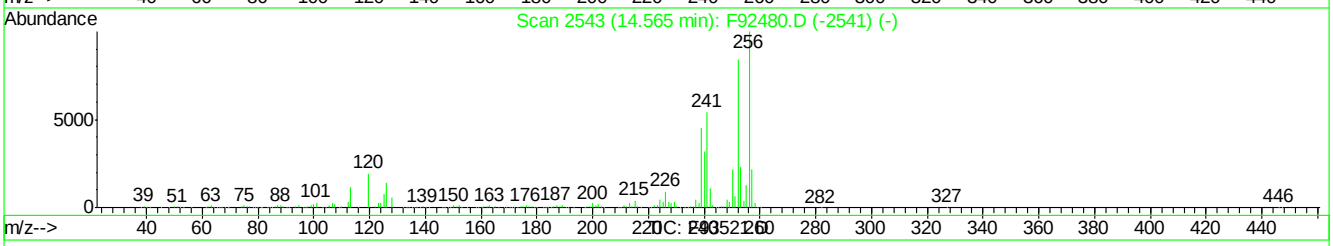
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93521.D Vial: 8
Acq On : 30 Nov 2010 1:28 am Operator: larisap
Sample : op46863-msd Inst : MSF
Misc : op46863,ef4370,35.1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 7:51 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 23:27:14 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.32min 40.92ppb m

response 894474

Ion	Exp%	Act%
252.00	100	100
253.00	25.20	23.27
125.00	11.30	8.89
0.00	0.00	0.00

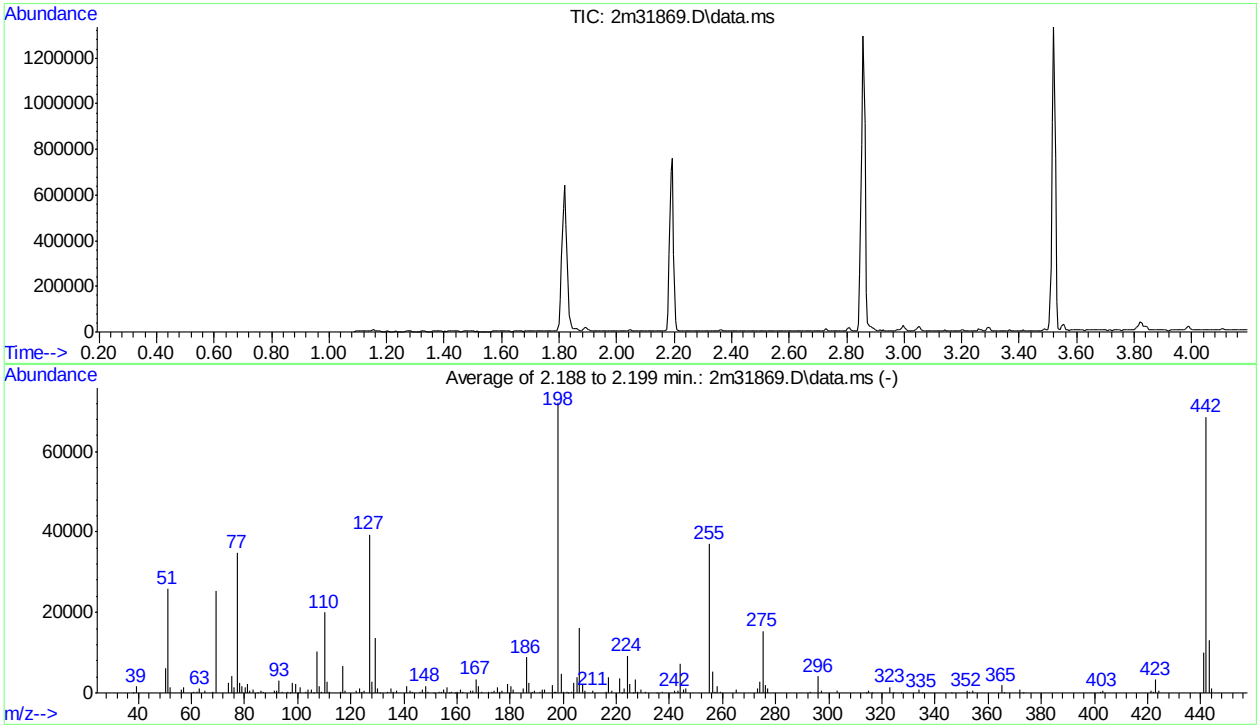
F93521.D MF4329.M Tue Nov 30 07:51:22 2010 GCMS3A

DFTPP

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31869.D
Acq On : 29 Sep 2010 9:33 am
Operator : olgaa
Sample : dftpp
Misc : op45801,e2m1369
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\DFTPP2M.M
Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
Last Update : Wed Mar 10 09:07:24 2010



AutoFind: Scans 207, 208, 209; Background Corrected with Scan 201

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	35.8	25813	PASS
68	69	0.00	2	1.6	393	PASS
69	198	0.00	100	35.0	25284	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.6	39365	PASS
197	198	0.00	1	0.2	180	PASS
198	198	100	100	100.0	72149	PASS
199	198	5	9	6.7	4862	PASS
275	198	10	30	21.4	15418	PASS
365	198	1	100	2.6	1871	PASS
441	443	0.10	100	76.6	10034	PASS
442	198	40	100	95.0	68533	PASS
443	442	17	23	19.1	13105	PASS

Average of 2.188 to 2.199 min.: 2m31869.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.10	108	68.10	393	83.05	776	99.10	2124
39.10	1622	69.10	25284	85.05	34	100.00	105
50.10	6038	74.10	2513	86.00	599	101.05	1274
51.10	25813	75.10	4132	87.05	286	103.00	323
52.10	1329	76.10	1520	91.05	582	104.05	764
56.05	893	77.10	34765	92.05	439	105.05	968
57.10	1309	78.10	2460	93.10	2978	106.10	130
61.00	243	79.05	1772	94.05	240	107.10	10364
62.00	306	80.05	1332	96.10	215	108.10	1680
63.10	1011	81.10	2193	97.20	119	109.10	339
65.10	465	82.10	518	98.10	2505	110.10	19979

Average of 2.188 to 2.199 min.: 2m31869.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
111.10	2877	129.10	13615	147.10	740	160.05	425
112.00	358	130.05	1047	148.10	1732	161.10	820
116.00	405	131.10	104	149.10	383	162.00	224
117.10	6709	134.00	304	151.20	104	165.05	514
118.00	459	135.10	1132	153.10	423	166.05	562
122.05	572	136.05	382	154.05	314	167.10	3387
123.10	991	137.10	650	155.10	957	168.10	1669
124.05	342	141.10	1592	156.10	1327	169.10	271
125.05	523	142.10	548	157.10	121	172.00	231
127.10	39365	143.10	340	158.05	220	173.10	338
128.10	2921	146.05	251	159.00	114	174.10	606

Average of 2.188 to 2.199 min.: 2m31869.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
175.10	1265	191.05	219	203.10	320	222.10	116
176.10	315	192.10	728	204.10	2396	223.10	987
177.10	441	193.10	911	205.10	3900	224.10	9066
179.05	2282	196.10	1992	206.10	16242	225.10	2353
180.10	1712	196.70	180	207.20	2165	226.10	111
181.10	816	197.00	157	208.10	454	227.10	3334
185.10	1059	198.10	72149	211.15	652	228.05	376
186.10	8843	199.10	4862	216.10	278	229.10	762
187.10	2518	200.10	281	217.10	3912	231.10	291
188.10	215	201.40	234	218.10	485	235.10	102
189.10	470	201.70	104	221.10	3644	237.10	232

Average of 2.188 to 2.199 min.: 2m31869.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
242.05	507	273.10	1069	316.10	141	366.00	135
243.10	478	274.10	2789	323.10	1510	372.10	799
244.10	7210	275.10	15418	324.10	137	373.10	116
245.15	975	276.10	2056	327.00	114	402.10	168
246.10	1097	277.10	1180	334.10	915	403.10	513
255.10	36989	293.05	216	335.10	112	421.10	469
256.10	5345	296.10	4052	346.00	125	422.05	398
257.05	329	297.05	553	352.05	478	423.10	3259
258.10	1814	303.10	516	353.10	243	424.05	598
259.10	231	314.10	106	354.10	506	441.10	10034
265.05	729	315.05	466	365.10	1871	442.10	68533

Average of 2.188 to 2.199 min.: 2m31869.D\data.ms
dftpp
Modified:subtracted

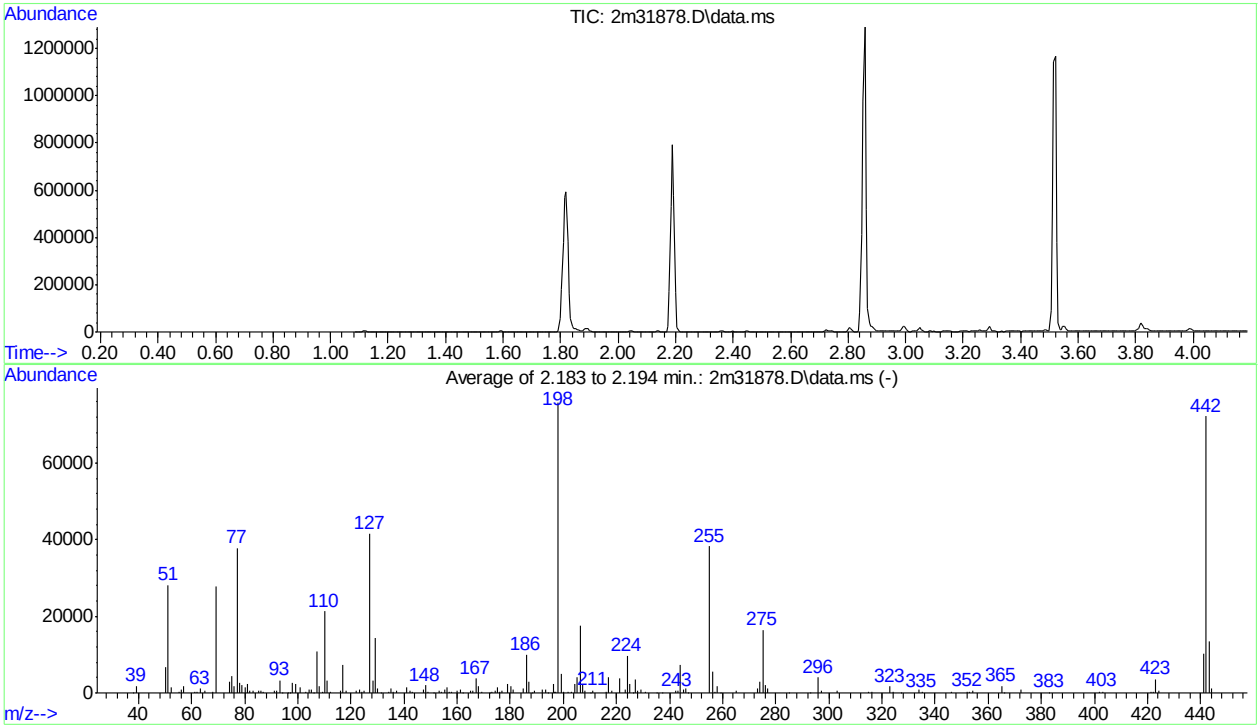
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
443.10	13105						
444.10	1190						

DFTPP

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31878.D
Acq On : 29 Sep 2010 3:21 pm
Operator : olgaa
Sample : dftpp
Misc : op45801,e2m1370,
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\DFTPP2M.M
Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
Last Update : Wed Mar 10 09:07:24 2010



AutoFind: Scans 206, 207, 208; Background Corrected with Scan 201

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	37.3	28250	PASS
68	69	0.00	2	1.5	421	PASS
69	198	0.00	100	36.5	27714	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.7	41466	PASS
197	198	0.00	1	0.6	435	PASS
198	198	100	100	100.0	75834	PASS
199	198	5	9	6.5	4938	PASS
275	198	10	30	21.7	16439	PASS
365	198	1	100	2.4	1832	PASS
441	443	0.10	100	76.6	10377	PASS
442	198	40	100	95.3	72245	PASS
443	442	17	23	18.8	13550	PASS

Average of 2.183 to 2.194 min.: 2m31878.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.00	108	65.05	567	82.00	681	98.10	2589
39.10	1794	68.05	421	83.05	703	99.05	2317
50.10	6840	69.10	27714	85.05	502	101.05	1336
51.10	28250	74.10	2799	86.05	572	103.00	356
52.10	1593	75.10	4504	87.05	226	104.05	776
55.05	340	76.10	1751	91.05	535	105.05	818
56.00	891	77.10	37797	92.05	508	106.00	100
57.10	1757	78.10	2573	93.10	3279	107.10	10847
61.00	244	79.10	1935	94.00	128	108.10	1748
62.05	287	80.05	1457	96.10	117	109.10	422
63.10	1074	81.05	2306	97.10	112	110.10	21306

Average of 2.183 to 2.194 min.: 2m31878.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
111.10	3180	129.10	14300	148.10	1953	162.10	123
112.10	331	130.05	1220	149.05	443	165.10	572
116.00	543	131.10	105	151.10	112	166.05	555
117.10	7204	134.10	308	153.00	487	167.10	3679
118.00	500	135.10	1086	154.10	429	168.10	1826
122.05	585	136.05	414	155.10	837	169.10	265
123.10	1022	137.10	623	156.10	1501	172.00	107
124.10	383	141.10	1537	157.10	171	173.05	300
125.05	538	142.05	597	158.05	213	174.10	681
127.10	41466	143.05	401	160.05	527	175.10	1431
128.10	3090	147.10	835	161.10	950	176.05	424

Average of 2.183 to 2.194 min.: 2m31878.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
177.05	538	194.00	113	206.20	17526	225.10	2455
179.10	2373	196.10	2254	207.15	2210	226.10	109
180.05	1833	196.80	174	208.05	454	227.10	3566
181.10	833	197.10	435	210.20	124	228.05	485
185.05	1167	198.10	75834	211.10	677	229.10	777
186.10	9840	199.10	4938	216.05	217	231.05	341
187.10	2793	200.10	381	217.10	4056	235.00	116
188.10	149	201.60	249	218.05	489	237.10	115
189.00	502	203.05	374	221.10	3829	242.10	479
192.10	799	204.10	2472	223.10	1000	243.10	495
193.10	923	205.10	4011	224.10	9631	244.10	7241

Average of 2.183 to 2.194 min.: 2m31878.D\data.ms
dftpp
Modified:subtracted

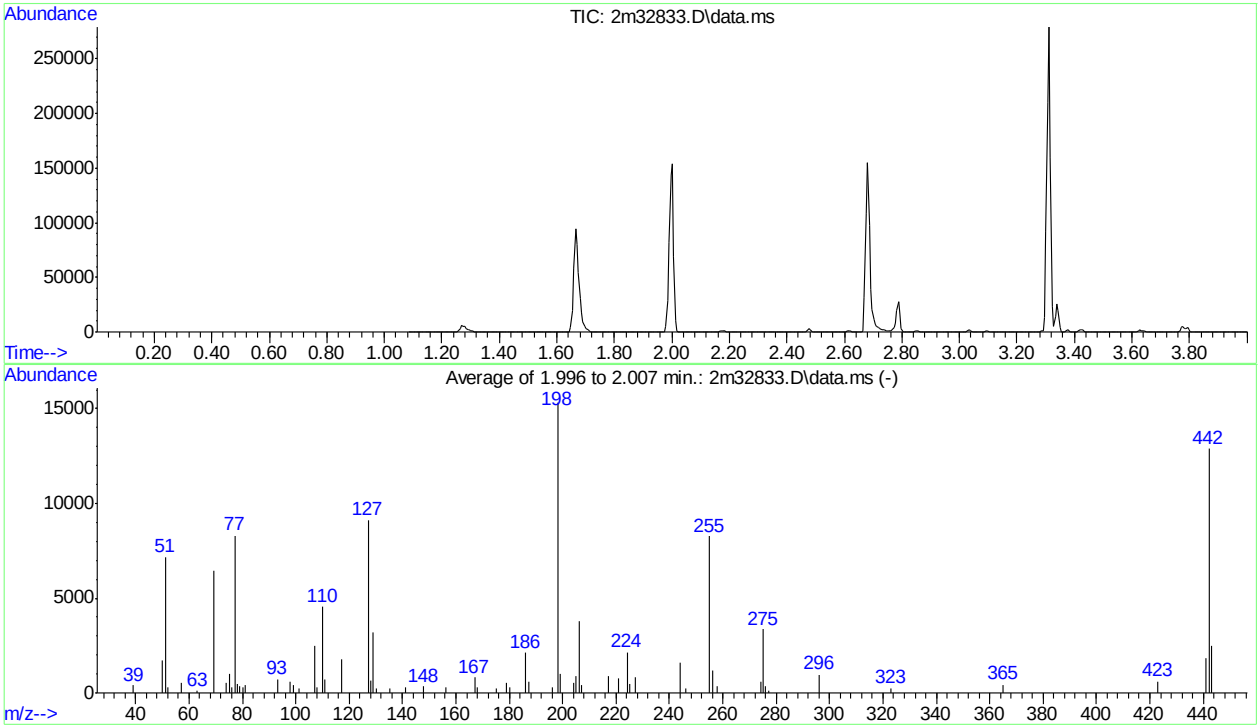
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
245.10	979	275.10	16439	324.10	253	383.00	106
246.10	1157	276.10	2187	327.00	112	402.05	224
247.00	138	277.10	1210	334.10	875	403.05	364
255.10	38277	285.10	121	335.00	215	421.10	345
256.10	5542	293.10	127	346.05	281	422.05	340
257.00	332	296.10	4052	352.10	344	423.10	3535
258.05	1824	297.10	601	353.05	237	424.10	645
259.10	121	303.10	516	354.15	540	441.10	10377
265.05	666	315.05	353	365.10	1832	442.10	72245
273.10	1118	316.10	208	366.00	127	443.10	13550
274.10	2955	323.10	1668	372.10	857	444.10	1307

DFTPP

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32833.D
Acq On : 22 Nov 2010 9:48 am
Operator : olgaa
Sample : dftpp
Misc : op46815,e2m1417,
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\DFTPP2M.M
Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
Last Update : Wed Mar 10 09:07:24 2010



AutoFind: Scans 171, 172, 173; Background Corrected with Scan 165

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	46.8	7164	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	42.0	6433	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	59.6	9135	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	15324	PASS
199	198	5	9	6.6	1004	PASS
275	198	10	30	22.0	3366	PASS
365	198	1	100	2.8	425	PASS
441	443	0.10	100	73.9	1845	PASS
442	198	40	100	84.1	12891	PASS
443	442	17	23	19.4	2498	PASS

Average of 1.996 to 2.007 min.: 2m32833.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	387	78.10	460	111.00	700	168.10	326
50.10	1695	79.00	371	117.10	1754	175.10	240
51.10	7164	80.00	270	127.10	9135	179.00	536
52.05	304	81.00	434	128.05	664	180.10	277
57.05	531	93.05	740	129.10	3222	186.10	2108
63.10	117	98.00	588	130.00	226	187.10	590
69.10	6433	99.05	405	135.05	219	196.10	327
74.10	518	101.00	260	141.05	274	198.10	15324
75.05	1030	107.10	2458	148.00	353	199.05	1004
76.10	313	108.00	300	156.10	276	204.10	547
77.10	8282	110.10	4553	167.10	816	205.10	918

Average of 1.996 to 2.007 min.: 2m32833.D\data.ms
dftpp
Modified:subtracted

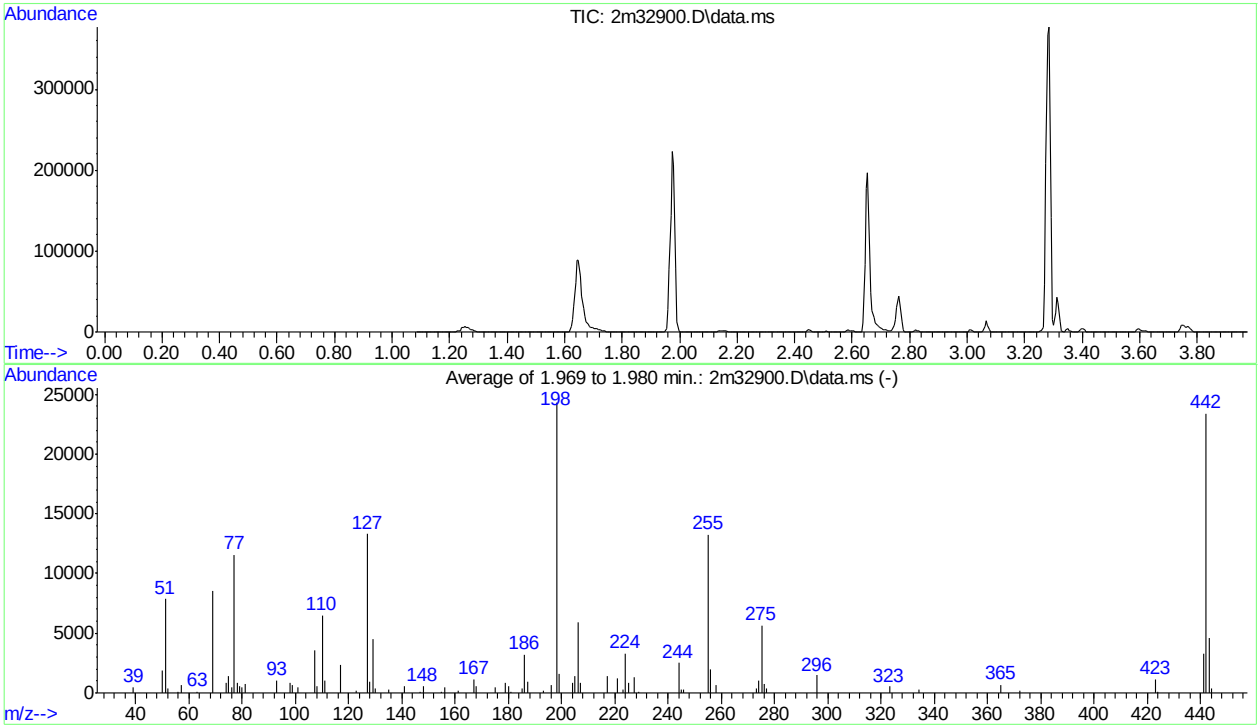
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
206.10	3771	258.05	350	443.10	2498		
207.10	414	274.10	582				
217.00	893	275.10	3366				
221.10	751	276.10	354				
224.10	2132	277.10	126				
225.10	500	296.10	954				
227.10	845	323.10	251				
244.10	1586	365.00	425				
246.00	212	423.05	607				
255.10	8262	441.10	1845				
256.10	1195	442.10	12891				

DFTPP

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32900.D
Acq On : 24 Nov 2010 1:20 pm
Operator : olgaa
Sample : dftpp
Misc : op46686,e2m1421,
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\DFTPP2M.M
Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
Last Update : Wed Mar 10 09:07:24 2010



AutoFind: Scans 166, 167, 168; Background Corrected with Scan 160

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	32.4	7871	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	35.2	8570	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.7	13298	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	24314	PASS
199	198	5	9	6.6	1611	PASS
275	198	10	30	23.3	5657	PASS
365	198	1	100	2.8	679	PASS
441	443	0.10	100	72.0	3290	PASS
442	198	40	100	96.2	23397	PASS
443	442	17	23	19.5	4567	PASS

Average of 1.969 to 1.980 min.: 2m32900.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	480	77.10	11562	110.10	6482	148.00	569
50.10	1848	78.10	809	111.05	991	155.00	102
51.10	7871	79.05	596	117.05	2365	156.10	501
52.05	402	80.00	482	123.00	233	161.05	203
56.00	104	81.05	745	127.10	13298	167.10	1173
57.05	679	93.05	1045	128.10	940	168.05	561
63.10	120	98.05	812	129.10	4541	175.05	454
69.10	8570	99.00	658	130.00	413	179.00	802
74.10	842	101.00	467	135.00	278	180.05	557
75.05	1365	107.10	3553	141.05	540	181.10	114
76.05	504	108.00	576	147.00	111	185.05	401

Average of 1.969 to 1.980 min.: 2m32900.D\data.ms
dftpp
Modified:subtracted

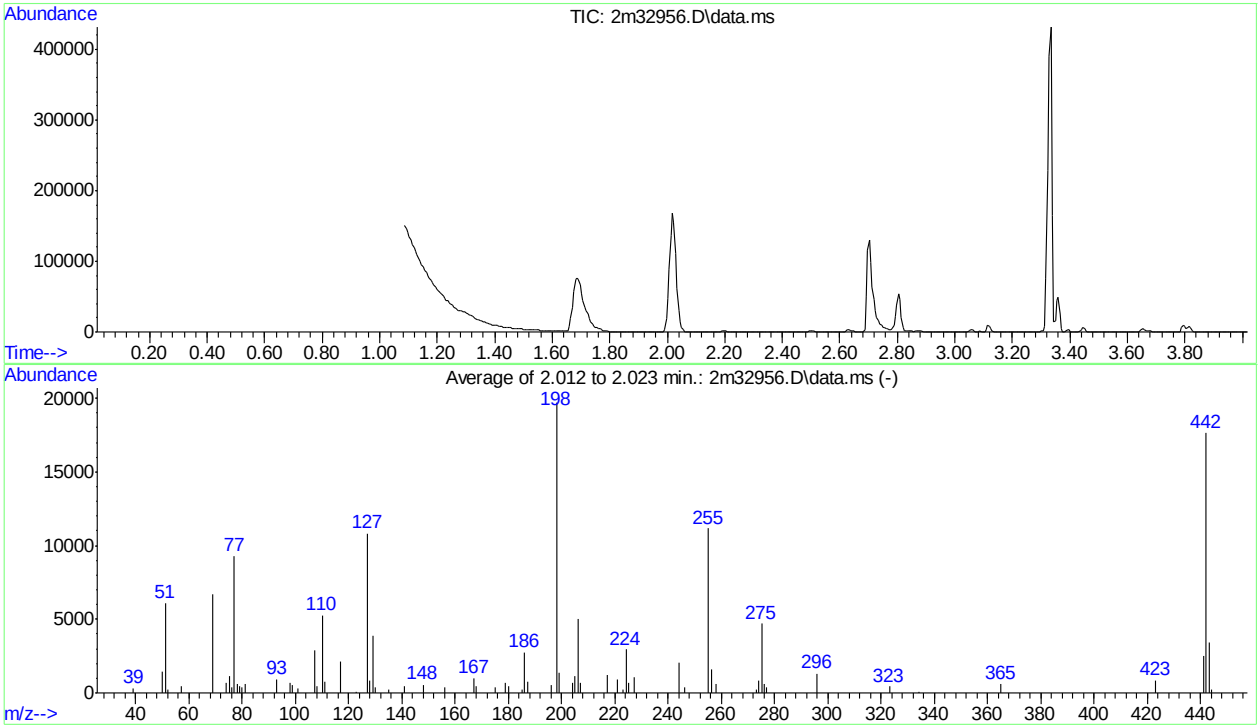
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
186.10	3210	221.10	1264	258.00	661	423.10	1138
187.10	935	223.00	254	273.05	405	424.00	116
193.00	226	224.10	3320	274.05	1003	441.10	3290
196.05	657	225.10	839	275.10	5657	442.10	23397
198.10	24314	227.10	1271	276.10	749	443.10	4567
199.00	1611	229.00	116	277.05	424	444.10	340
204.10	828	244.10	2491	296.10	1469		
205.10	1395	245.10	245	323.10	538		
206.10	5959	246.00	330	334.10	263		
207.10	885	255.10	13245	365.00	679		
217.05	1400	256.10	1997	372.10	207		

DFTPP

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32956.D
Acq On : 30 Nov 2010 1:37 pm
Operator : olgaa
Sample : dftpp
Misc : op46817,e2m1424,
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\DFTPP2M.M
Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
Last Update : Wed Mar 10 09:07:24 2010



AutoFind: Scans 174, 175, 176; Background Corrected with Scan 167

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	30.9	6096	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	34.0	6706	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.9	10820	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	19709	PASS
199	198	5	9	6.9	1357	PASS
275	198	10	30	23.8	4700	PASS
365	198	1	100	2.9	581	PASS
441	443	0.10	100	74.4	2526	PASS
442	198	40	100	89.5	17642	PASS
443	442	17	23	19.2	3394	PASS

Average of 2.012 to 2.023 min.: 2m32956.D\data.ms
dftpp
Modified:subtracted

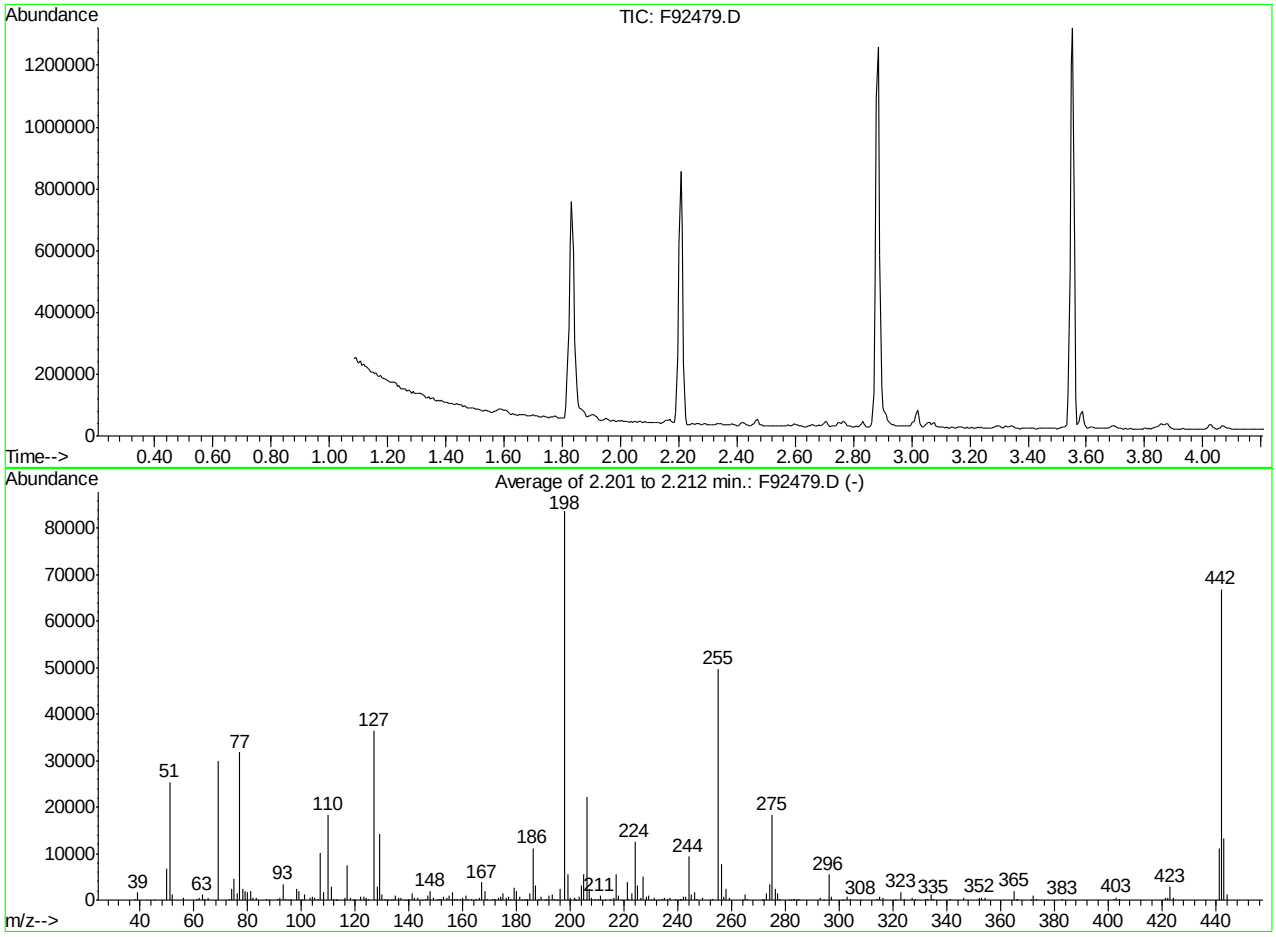
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	330	79.00	478	117.05	2123	168.05	485
50.10	1439	80.00	399	123.00	102	175.05	392
51.10	6096	81.00	626	127.10	10820	179.00	675
52.10	226	93.00	925	128.00	802	180.00	485
57.00	486	98.00	707	129.10	3873	185.00	212
69.05	6706	99.00	562	130.00	345	186.10	2740
74.05	694	101.00	338	135.00	218	187.10	789
75.05	1150	107.10	2910	141.00	458	196.00	518
76.05	407	108.00	481	148.00	559	198.10	19709
77.10	9283	110.10	5252	156.05	389	199.00	1357
78.10	614	111.00	798	167.10	1028	204.10	698

Average of 2.012 to 2.023 min.: 2m32956.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
205.10	1176	255.10	11179	365.00	581		
206.10	5030	256.10	1631	423.10	848		
207.10	666	258.05	596	441.10	2526		
217.00	1208	273.00	224	442.10	17642		
221.10	924	274.10	803	443.10	3394		
223.00	215	275.10	4700	444.05	234		
224.10	2942	276.10	607				
225.10	700	277.05	367				
227.05	1087	296.05	1299				
244.10	2068	323.10	436				
246.00	384	334.00	103				

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF4329\F92479.D Vial: 1
Acq On : 20 Oct 2010 7:58 am Operator: ninap
Sample : dftpp Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: LSCINT.P
Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um



AutoFind: Scans 210, 211, 212; Background Corrected with Scan 203

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	30.4	25397	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	35.9	30033	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	43.5	36405	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	83637	PASS
199	198	5	9	6.6	5517	PASS
275	198	10	30	21.8	18232	PASS
365	198	1	100	2.5	2054	PASS
441	443	0.10	100	83.0	11098	PASS
442	198	40	100	79.9	66853	PASS
443	442	17	23	20.0	13368	PASS

F92479.D DFTPPF.M Wed Oct 20 13:02:48 2010 GCMS3A

Average of 2.201 to 2.212 min.: F92479.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.00	173	65.10	563	82.05	482	99.00	1830
39.10	1666	69.00	30033	83.05	391	99.90	60
45.10	66	73.05	286	87.00	353	100.10	56
50.05	6702	74.10	2526	87.95	42	101.00	1261
51.10	25397	75.00	4472	91.00	328	103.00	442
52.10	1328	76.05	1569	92.05	609	104.00	803
56.00	393	77.10	31761	93.00	3422	105.05	559
61.05	360	78.10	2322	94.00	316	106.05	249
62.05	471	79.00	1838	95.00	27	107.00	10024
63.05	1161	80.00	1668	96.00	201	108.05	1740
64.00	179	81.00	1997	98.00	2357	110.00	18305

Average of 2.201 to 2.212 min.: F92479.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
111.00	2924	124.00	491	135.00	1091	147.00	956
112.00	327	125.00	304	136.00	431	148.00	1950
112.90	51	127.00	36405	137.05	593	149.05	484
113.10	66	128.00	2917	138.10	111	150.10	76
116.00	453	129.00	14257	139.00	62	151.05	347
117.00	7383	130.00	1238	140.00	153	151.90	207
118.00	556	131.00	212	141.00	1503	152.95	626
119.05	17	132.00	71	142.00	543	153.95	480
120.05	213	132.15	106	143.05	474	155.05	926
122.00	680	133.10	56	145.00	62	156.00	1594
123.00	827	133.95	364	146.00	318	157.05	305

Average of 2.201 to 2.212 min.: F92479.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
158.00	320	171.00	208	181.00	769	191.00	252
159.05	296	172.00	326	182.10	116	192.00	987
160.05	570	173.05	412	182.80	52	193.05	1167
161.00	946	173.90	191	183.15	127	194.05	260
161.95	272	174.05	635	184.00	230	195.05	12
163.10	192	175.05	1567	185.00	1404	196.00	2335
165.00	344	176.05	495	186.00	11177	198.00	83637
166.00	504	177.00	687	187.05	3063	199.00	5517
167.00	3826	177.95	305	188.05	295	200.00	533
168.05	1848	179.00	2738	189.00	663	201.50	396
169.05	359	180.00	1938	190.10	51	201.70	98

Average of 2.201 to 2.212 min.: F92479.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
202.00	89	214.95	208	227.00	5058	240.00	76
203.05	651	216.00	515	228.05	716	240.80	77
204.00	3024	217.00	5461	229.00	973	240.95	198
205.00	5448	218.00	865	230.00	77	242.05	773
206.00	22298	219.00	55	231.05	571	243.00	715
207.05	2480	221.00	3897	233.00	92	244.00	9309
208.00	481	221.70	309	234.05	304	245.05	1306
209.05	242	223.00	1388	235.05	390	246.00	1774
210.10	218	224.00	12454	235.95	278	246.90	326
210.95	958	225.00	3105	237.05	377	248.95	420
213.00	55	226.05	372	239.00	217	251.90	60

Average of 2.201 to 2.212 min.: F92479.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
253.00	257	273.00	1384	285.05	280	316.00	377
255.00	49824	274.00	3469	292.95	507	320.85	113
256.00	7688	275.00	18232	293.95	115	323.00	1797
257.05	652	276.00	2428	296.00	5498	324.00	329

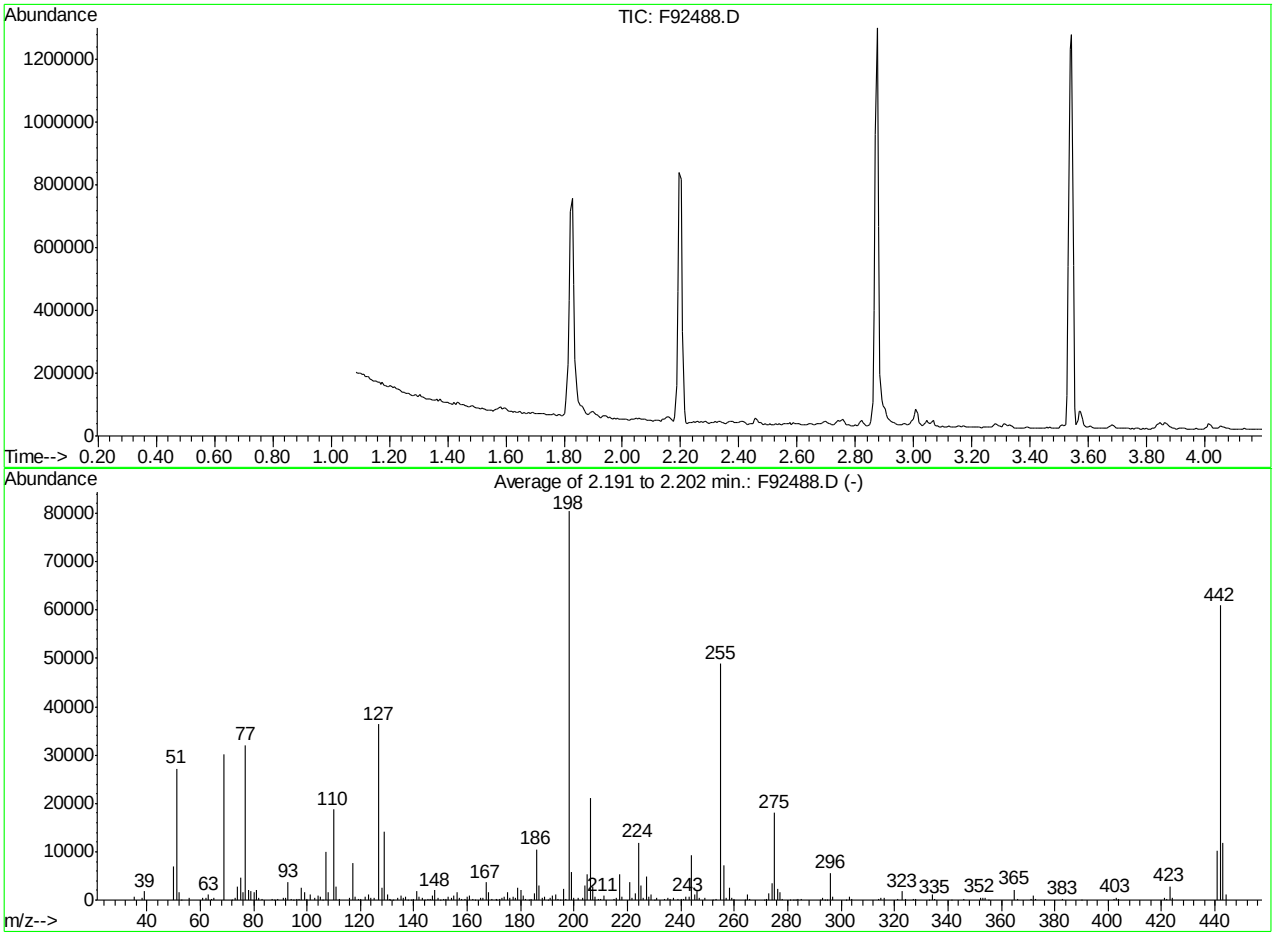
258.00	2400	276.95	1507	296.95	728	326.90	431
258.95	443	277.95	254	301.00	61	328.05	158
263.90	52	281.00	16	303.00	709	332.05	143
265.00	1161	282.00	115	304.05	136	333.00	144
265.85	252	282.80	68	307.90	59	334.00	1244
271.00	55	283.05	178	313.95	251	335.00	357
272.00	185	283.90	80	314.95	638	341.00	218

Average of 2.201 to 2.212 min.: F92479.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
346.00	387	401.95	360				
352.05	548	403.00	499				
353.00	395	403.95	166				
354.00	441	421.05	450				
364.95	2054	422.00	442				
365.80	57	423.00	2879				
366.00	270	424.00	561				
371.00	68	441.00	11098				
371.95	963	442.00	66853				
373.05	194	443.00	13368				
383.00	165	443.95	1165				

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF4330\F92488.D Vial: 1
Acq On : 20 Oct 2010 12:55 pm Operator: ninap
Sample : dftpp Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: LSCINT.P
Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um



AutoFind: Scans 208, 209, 210; Background Corrected with Scan 202

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.8	27148	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	37.5	30180	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	45.2	36352	PASS
197	198	0.00	1	0.2	151	PASS
198	198	100	100	100.0	80400	PASS
199	198	5	9	7.3	5834	PASS
275	198	10	30	22.5	18062	PASS
365	198	1	100	2.6	2129	PASS
441	443	0.10	100	87.2	10242	PASS
442	198	40	100	75.7	60893	PASS
443	442	17	23	19.3	11747	PASS

F92488.D DFTPPF.M Thu Oct 21 12:56:31 2010 GCMS3A

Average of 2.191 to 2.202 min.: F92488.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.10	809	64.05	213	80.05	1526	95.10	111
38.10	496	65.05	544	81.05	2164	96.00	154
39.10	1816	69.00	30180	82.00	423	96.95	207
50.10	6902	72.00	56	83.05	353	98.00	2461
51.05	27148	73.15	364	87.00	326	99.00	1592
52.10	1553	74.10	2810	87.95	92	99.95	202
53.10	50	75.05	4557	89.05	125	101.00	1264
56.05	469	76.10	1533	91.00	412	103.00	440
61.05	362	77.05	32088	92.05	558	104.00	870
62.05	404	78.10	2165	93.00	3816	105.00	751
63.10	1069	79.05	1805	94.05	343	106.00	83

Average of 2.191 to 2.202 min.: F92488.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
107.00	9924	123.00	1102	135.05	922	146.05	339
108.05	1688	123.95	491	136.05	425	147.00	863
110.00	18779	125.05	517	137.05	669	148.00	2074
111.05	2718	127.00	36352	137.80	73	149.00	361
112.00	333	128.00	2561	138.90	60	150.00	60
116.00	431	129.00	14122	140.00	151	151.10	308
117.00	7623	130.00	1203	141.00	1762	152.05	211
118.00	594	130.90	68	142.00	622	153.00	592
119.05	162	131.05	242	143.05	389	154.05	367
120.10	158	132.10	81	144.05	118	155.00	1018
121.95	660	134.00	435	145.10	127	156.05	1605

Average of 2.191 to 2.202 min.: F92488.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
157.00	408	169.00	340	180.00	2074	191.05	410
157.95	355	170.80	53	181.00	881	192.00	901
159.00	322	171.05	144	182.00	124	193.05	1168
160.05	589	172.00	303	183.05	116	194.10	211
161.00	945	173.05	445	184.00	260	195.00	77
162.00	189	174.00	728	185.10	1408	196.05	2320
163.05	102	175.05	1678	186.00	10548	196.70	151
165.00	515	175.95	482	187.00	2910	198.00	80400
165.95	549	177.00	768	188.10	391	199.00	5834
167.00	3642	178.05	376	188.95	708	199.95	519
168.05	1707	179.00	2604	190.10	51	201.50	460

Average of 2.191 to 2.202 min.: F92488.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
203.00	547	217.00	5366	230.00	53	244.05	9403
204.00	3067	217.95	696	231.05	491	245.00	1240
205.00	5334	221.00	3803	233.90	300	246.00	1937
206.05	21154	221.70	371	235.00	385	246.95	389
207.05	2835	223.05	1330	236.00	161	249.00	425
208.00	677	224.00	11832	237.00	452	252.00	62
209.00	244	225.05	2992	239.05	227	253.05	178
210.10	257	226.05	361	240.00	125	255.00	48885
211.05	899	227.00	4769	241.05	310	256.00	7191
214.95	208	228.00	701	241.95	652	257.05	520
216.00	511	229.00	1098	243.05	748	258.00	2565

Average of 2.191 to 2.202 min.: F92488.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
259.00	443	277.00	1529	296.00	5578	327.00	294
260.05	155	278.00	196	296.95	724	328.05	155
264.00	63	280.90	52	302.00	64	333.00	68
264.95	1181	282.00	61	303.00	647	334.05	1205

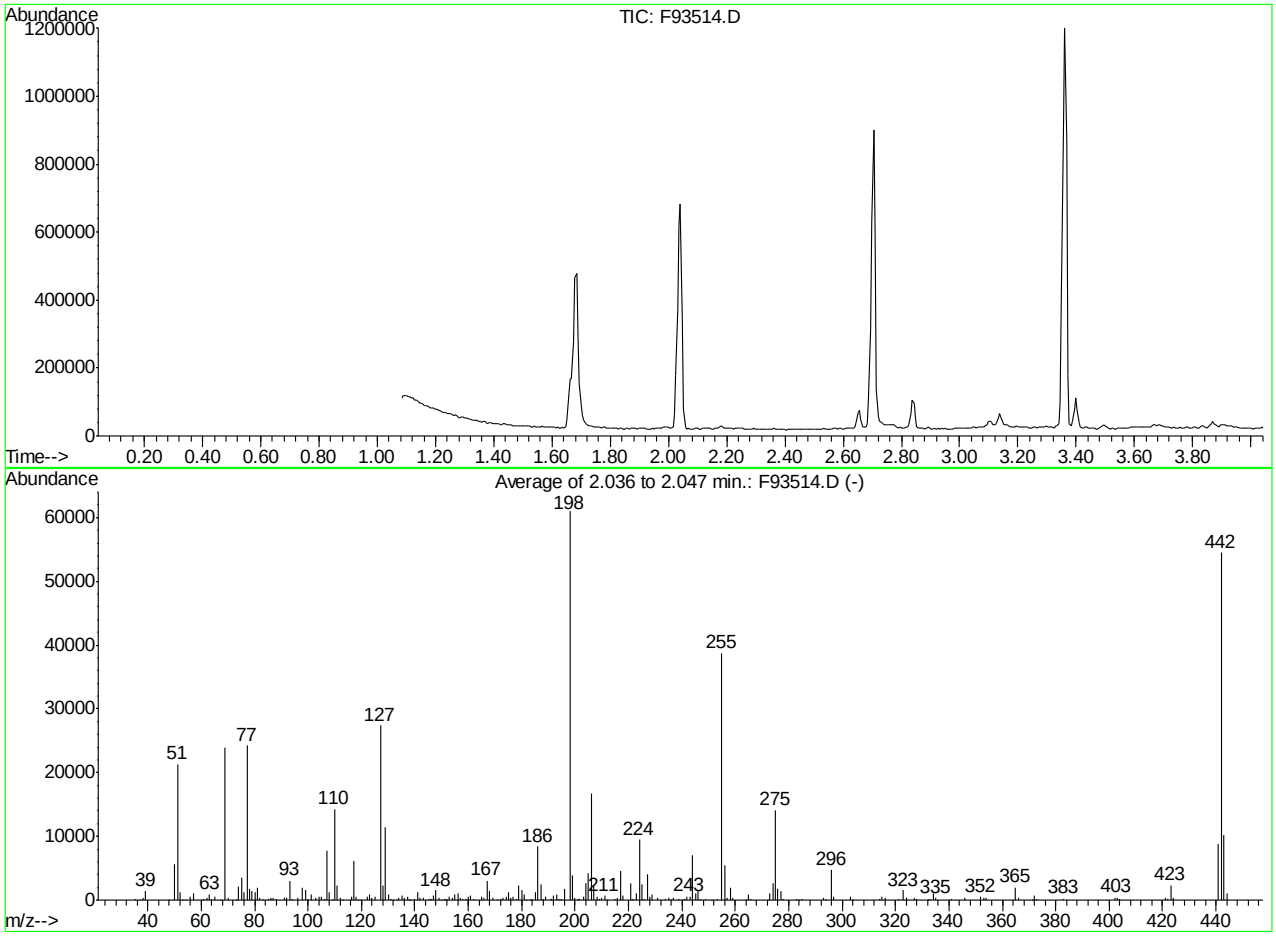
265.95	139	282.95	122	304.00	152	335.05	286
271.10	76	284.00	165	313.95	325	341.10	75
272.05	146	285.10	321	315.00	570	345.95	355
273.00	1381	292.00	54	315.95	374	352.05	499
274.00	3418	292.95	409	320.95	206	353.00	422
275.00	18062	294.00	71	323.00	1817	353.95	518
276.05	2301	294.80	50	324.00	300	355.10	52

Average of 2.191 to 2.202 min.: F92488.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
365.00	2129	421.90	336				
366.00	250	423.00	2803				
371.05	147	424.00	577				
372.00	911	441.00	10242				
373.00	201	442.00	60893				
382.95	196	443.00	11747				
390.00	61	444.00	1162				
402.05	354						
403.00	471						
404.00	144						
421.00	466						

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF4370\F93514.D Vial: 1
Acq On : 29 Nov 2010 10:23 pm Operator: larisap
Sample : dftpp Inst : MSF
Misc : op46937,ef4370 Multiplr: 1.00
MS Integration Params: LSCINT.P
Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um



AutoFind: Scans 179, 180, 181; Background Corrected with Scan 173

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	34.9	21289	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	39.2	23911	PASS
70	69	0.00	2	1.2	294	PASS
127	198	40	60	44.9	27389	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	60954	PASS
199	198	5	9	6.3	3859	PASS
275	198	10	30	23.1	14107	PASS
365	198	1	100	3.3	2012	PASS
441	443	0.10	100	86.8	8874	PASS
442	198	40	100	89.4	54501	PASS
443	442	17	23	18.8	10219	PASS

F93514.D DFTPPF.M Tue Nov 30 08:56:55 2010 GCMS3A

Average of 2.036 to 2.047 min.: F93514.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.10	138	57.10	1065	74.10	2074	86.00	320
37.00	2	60.00	38	75.10	3466	87.05	391
38.10	366	61.05	203	76.10	1273	88.00	103
39.10	1440	62.05	294	77.10	24260	91.05	305
48.05	17	63.10	899	78.10	1691	92.00	432
50.10	5678	64.00	113	79.00	1471	93.05	3004
51.10	21289	65.10	503	80.00	1255	94.00	262
52.10	1275	67.00	7	81.05	1856	96.05	295
53.10	76	69.00	23911	82.00	334	98.00	1886
54.10	52	70.05	294	83.05	251	99.00	1664
56.00	608	73.00	70	85.05	251	99.95	123

Average of 2.036 to 2.047 min.: F93514.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
101.05	951	112.90	56	128.10	2256	138.20	52
103.00	372	116.10	467	129.00	11485	140.00	127
104.00	596	117.00	6100	130.05	953	141.00	1272
105.00	580	117.95	456	131.00	161	142.05	429
106.10	122	119.00	57	131.90	55	143.00	325
107.00	7795	119.80	54	133.10	65	145.00	67
108.05	1188	122.05	526	134.05	307	145.90	104
109.10	91	123.00	899	135.00	781	146.10	114
110.00	14249	124.00	435	136.00	349	147.00	649
111.00	2251	125.00	480	137.10	468	148.00	1529
112.00	305	127.05	27389	137.90	67	149.10	334

Average of 2.036 to 2.047 min.: F93514.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
150.00	72	160.00	477	174.05	553	185.10	1213
151.05	218	161.00	658	175.00	1223	186.10	8405
151.70	133	162.00	161	176.05	417	187.05	2461
151.90	52	165.00	577	176.95	582	188.05	230
153.00	467	166.00	360	178.00	176	188.95	514
154.00	369	167.05	3009	179.00	2238	191.00	151
155.05	817	168.10	1441	180.05	1549	191.20	119
156.10	1115	169.05	312	181.00	803	192.00	770
157.05	285	171.00	66	182.00	73	193.05	897
158.05	212	172.00	245	183.00	51	194.00	198
159.05	205	173.05	355	184.00	175	194.95	131

Average of 2.036 to 2.047 min.: F93514.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
196.00	1757	207.10	2341	221.80	106	236.00	77
198.00	60954	208.05	596	223.00	1056	236.95	311
199.00	3859	208.95	236	224.00	9442	238.95	127
200.00	370	210.10	327	225.05	2418	240.10	66
201.10	100	211.05	686	226.05	179	241.00	217
201.50	134	211.90	87	227.00	4053	242.00	499
201.70	185	215.00	134	227.95	562	243.05	581
203.00	457	216.00	333	229.00	824	244.00	7054
204.10	2663	217.00	4649	231.00	417	245.05	978
205.00	4180	218.00	631	234.00	258	246.00	1489
206.10	16784	221.00	2686	234.95	300	247.05	265

Average of 2.036 to 2.047 min.: F93514.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
249.00	264	272.10	59	294.00	52	326.95	317
250.90	56	273.00	1054	296.00	4666	327.90	112
253.00	137	274.00	2728	297.00	579	332.00	58
255.00	38754	275.00	14107	303.00	526	333.00	185

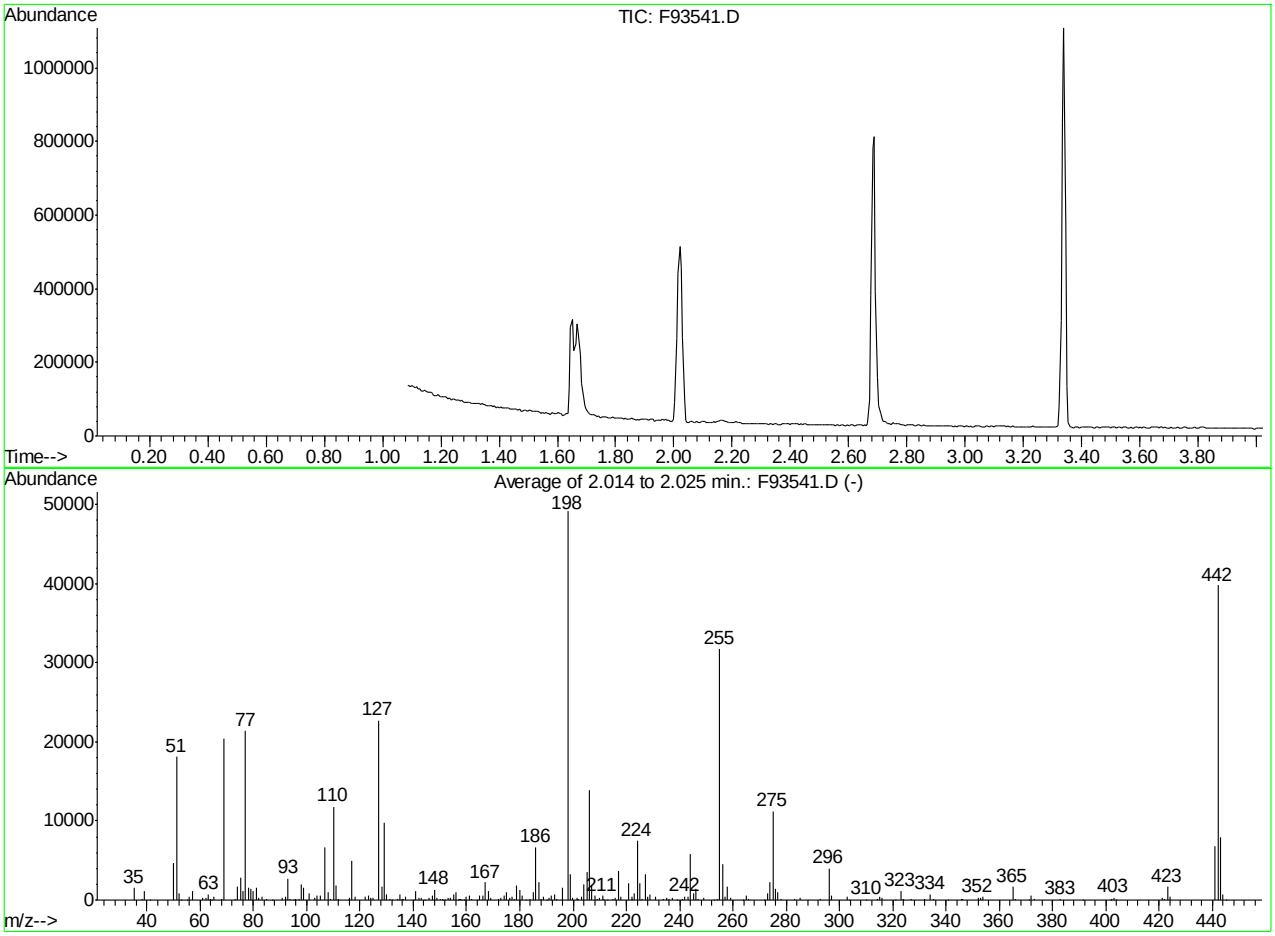
256.00	5461	276.00	1796	304.00	51	334.00	1042
257.00	384	277.00	1418	313.95	150	335.05	325
258.00	2011	278.00	219	315.00	501	341.00	149
259.00	350	283.05	139	316.00	293	345.95	317
263.90	52	284.00	52	320.95	124	352.00	464
265.00	799	285.00	227	323.00	1505	353.05	295
265.95	236	293.00	299	324.05	329	354.05	396

Average of 2.036 to 2.047 min.: F93514.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
365.00	2012	423.00	2301				
365.95	276	424.05	428				
371.10	56	441.00	8874				
372.05	793	442.00	54501				
373.00	144	443.00	10219				
383.00	194	444.00	1091				
402.00	333						
403.00	361						
403.95	135						
420.90	369						
421.95	207						

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF4371\F93541.D Vial: 1
Acq On : 30 Nov 2010 11:22 am Operator: ninap
Sample : dftpp Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: LSCINT.P
Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um



AutoFind: Scans 175, 176, 177; Background Corrected with Scan 169

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	36.9	18136	PASS
68	69	0.00	2	0.5	112	PASS
69	198	0.00	100	41.6	20416	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	46.3	22721	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	49125	PASS
199	198	5	9	6.7	3304	PASS
275	198	10	30	22.8	11217	PASS
365	198	1	100	3.4	1677	PASS
441	443	0.10	100	85.7	6770	PASS
442	198	40	100	81.1	39816	PASS
443	442	17	23	19.9	7904	PASS

F93541.D DFTPPF.M Tue Nov 30 13:25:14 2010 GCMS3A

Average of 2.014 to 2.025 min.: F93541.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.10	1496	61.00	250	76.05	1138	92.00	384
38.05	109	62.05	281	77.05	21387	93.05	2721
39.10	1195	63.10	767	78.05	1624	93.95	192
41.00	15	64.00	85	79.00	1486	95.10	29
50.05	4689	64.20	52	80.05	1099	96.00	146
51.05	18136	65.05	425	81.00	1531	97.05	214
52.10	876	68.00	112	82.00	292	98.00	1960
53.10	69	69.00	20416	83.05	371	99.00	1537
55.00	23	73.05	91	85.05	166	101.00	791
56.05	434	74.05	1761	87.00	69	103.05	276
57.10	1175	75.05	2797	91.00	221	103.95	525

Average of 2.014 to 2.025 min.: F93541.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
105.05	545	118.05	482	133.95	205	147.00	601
107.00	6636	121.95	410	135.00	756	148.00	1314
108.05	981	123.00	615	135.90	88	149.00	261
109.00	88	124.00	347	136.10	171	150.10	112
110.00	11769	125.05	352	137.05	401	150.90	61
111.05	1847	127.00	22721	139.90	61	151.10	147
111.80	54	128.05	1735	141.00	1150	152.00	69
112.05	134	129.00	9839	142.05	320	152.95	313
115.70	58	129.95	715	142.90	282	153.80	88
115.95	317	131.00	156	144.10	65	154.10	248
117.00	4952	131.90	52	145.90	227	155.10	737

Average of 2.014 to 2.025 min.: F93541.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.05	969	166.00	515	178.95	1890	191.05	294
156.90	60	167.00	2236	180.00	1274	191.95	625
157.15	197	168.05	1180	181.05	570	193.05	725
157.85	163	169.00	270	182.10	51	194.00	212
158.10	57	172.00	116	183.95	132	196.00	1582
159.00	74	172.95	344	185.05	934	198.00	49125
160.00	440	174.05	557	186.05	6724	199.00	3304
161.05	548	175.05	931	187.05	2217	199.95	341
162.05	169	176.05	312	188.10	166	201.35	252
164.10	61	177.00	399	188.95	418	202.00	130
165.05	505	178.00	81	190.00	69	203.05	375

Average of 2.014 to 2.025 min.: F93541.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
204.05	1927	215.95	268	228.00	470	244.05	5812
205.05	3514	217.00	3673	229.00	702	245.05	844
206.10	13885	218.05	493	231.00	417	246.00	1366
207.05	1820	221.00	2151	234.00	169	246.95	196
208.05	522	221.90	365	235.00	280	249.05	298
209.00	207	222.10	115	235.95	140	252.90	68
210.05	229	223.00	896	237.05	265	254.00	82
210.95	560	224.05	7511	238.90	51	254.95	31710
211.70	77	225.05	2072	241.00	194	256.00	4556
213.00	71	226.00	120	242.00	438	257.00	368
215.00	83	227.00	3315	243.05	382	258.00	1765

Average of 2.014 to 2.025 min.: F93541.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
258.95	278	283.10	76	321.00	54	351.95	334
263.80	58	285.00	278	323.05	1209	353.05	295
265.00	640	292.95	192	323.90	67	353.95	373
265.95	141	296.00	4032	324.05	175	364.95	1677

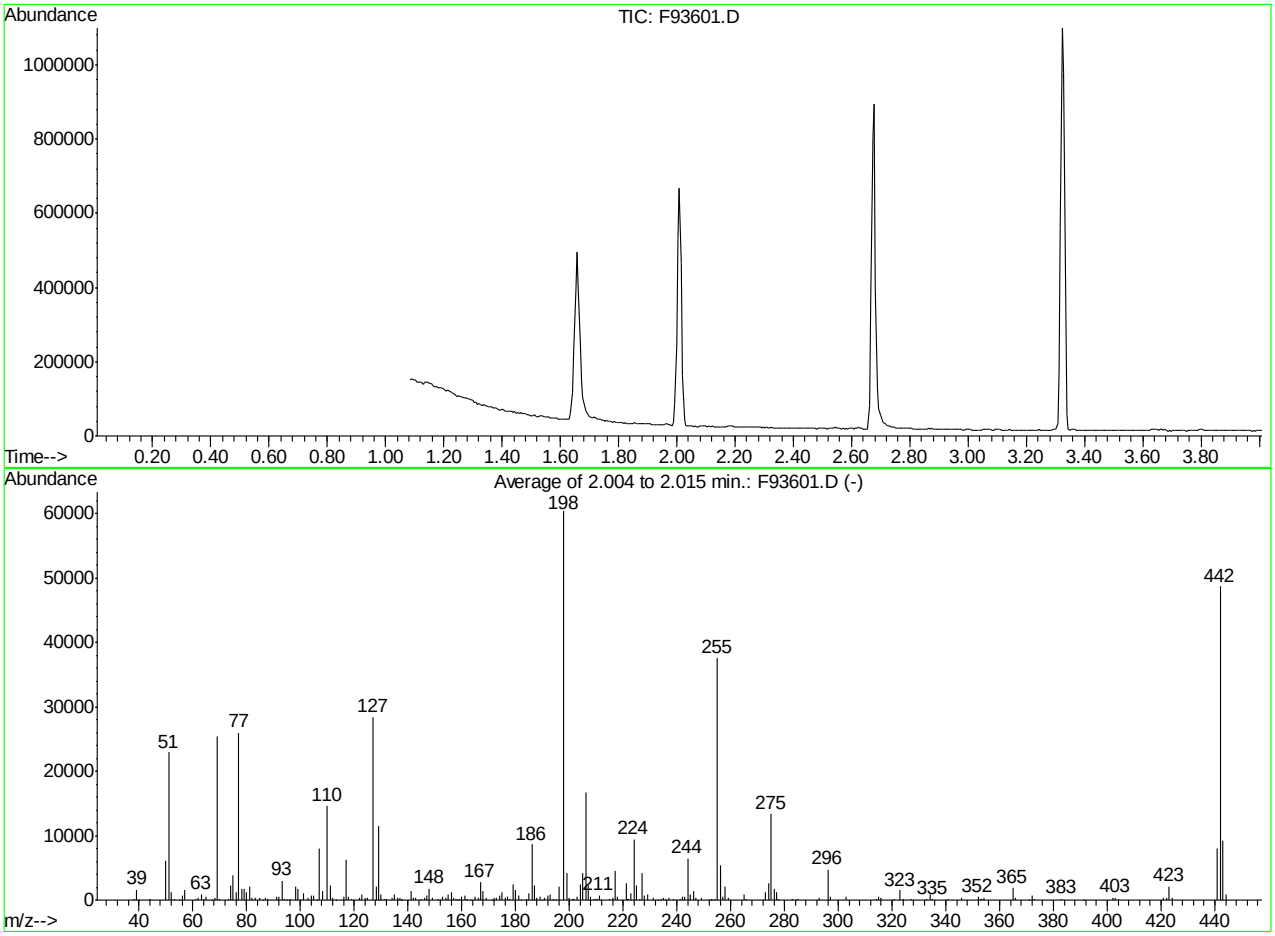
271.90	52	297.00	557	327.05	190	365.95	185
273.00	902	303.00	450	331.90	109	371.00	50
274.00	2329	303.90	64	334.05	777	372.00	590
275.00	11217	310.10	51	335.05	179	372.95	107
276.00	1381	314.05	142	340.80	52	382.90	119
276.95	1039	315.00	430	345.80	78	391.10	51
278.00	114	316.00	237	346.05	126	401.80	67

Average of 2.014 to 2.025 min.: F93541.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
402.00	180	444.90	56				
402.90	288						
404.00	64						
420.90	298						
421.95	201						
423.00	1676						
423.95	377						
441.00	6770						
442.00	39816						
443.00	7904						
444.00	736						

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF4373\F93601.D Vial: 1
Acq On : 2 Dec 2010 7:44 am Operator: ninap
Sample : dftpp Inst : MSF
Misc : op46967,ef4373 Multiplr: 1.00
MS Integration Params: LSCINT.P
Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um



AutoFind: Scans 173, 174, 175; Background Corrected with Scan 167

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.0	22910	PASS
68	69	0.00	2	1.1	281	PASS
69	198	0.00	100	42.1	25404	PASS
70	69	0.00	2	0.8	210	PASS
127	198	40	60	47.0	28370	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	60317	PASS
199	198	5	9	6.8	4097	PASS
275	198	10	30	22.1	13319	PASS
365	198	1	100	3.1	1859	PASS
441	443	0.10	100	85.5	7923	PASS
442	198	40	100	80.7	48690	PASS
443	442	17	23	19.0	9266	PASS

F93601.D DFTPPF.M Thu Dec 02 10:02:53 2010 GCMS3A

Average of 2.004 to 2.015 min.: F93601.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.05	205	61.00	263	75.10	3848	87.00	283
39.10	1623	62.10	345	76.10	1233	87.90	131
40.05	63	63.10	904	77.05	25982	91.05	540
44.05	110	64.05	133	78.10	1830	92.00	460
50.05	6105	65.05	526	79.10	1737	93.05	2992
51.05	22910	67.10	43	80.00	1204	94.00	204
52.10	1225	68.05	281	81.00	2035	95.00	79
53.15	111	69.00	25404	82.00	436	96.05	200
55.10	22	69.95	210	83.05	303	98.05	2155
56.10	768	73.05	145	85.00	300	99.05	1796
57.10	1601	74.05	2258	86.00	63	100.00	93

Average of 2.004 to 2.015 min.: F93601.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
101.05	1002	116.05	485	130.00	924	143.00	343
103.00	332	117.00	6286	131.05	255	145.05	116
104.00	662	118.00	447	132.10	117	146.05	279
105.05	660	119.05	121	134.00	316	147.05	749
106.10	52	122.00	430	135.00	931	148.00	1745
107.05	8037	123.00	945	136.10	336	149.05	395
108.05	1358	124.05	433	137.05	426	151.00	131
110.00	14606	125.05	407	137.60	62	151.90	80
111.00	2317	127.05	28370	137.80	77	153.00	476
112.00	270	128.05	2159	141.00	1433	154.00	319
113.10	52	129.00	11446	142.05	393	155.05	899

Average of 2.004 to 2.015 min.: F93601.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.05	1148	167.00	2793	179.00	2506	190.95	277
157.05	302	168.00	1471	180.00	1614	192.00	685
157.90	201	169.05	399	181.05	742	193.00	814
158.10	57	171.00	87	182.20	52	194.05	161
158.95	137	172.00	271	184.05	151	195.00	69
160.00	457	173.05	345	185.05	1131	196.00	2048
161.00	639	174.05	670	186.05	8655	198.00	60317
162.00	209	175.00	1180	187.05	2305	199.00	4097
163.10	50	176.05	432	188.05	290	200.00	370
165.00	580	176.95	517	189.00	469	201.05	112
166.10	439	178.05	251	189.90	64	201.45	163

Average of 2.004 to 2.015 min.: F93601.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
201.75	150	211.80	62	226.05	166	241.05	242
203.00	542	214.95	253	227.00	4267	242.05	498
204.05	2528	216.10	364	228.00	639	243.00	448
205.05	4190	217.00	4501	229.00	904	244.05	6524
206.10	16751	217.95	518	231.00	406	245.00	948
207.05	2212	221.00	2669	232.90	50	246.00	1370
208.00	556	221.70	199	233.95	257	247.05	274
209.15	214	222.00	235	234.95	285	248.95	299
210.05	156	222.95	1025	235.95	203	252.00	58
210.30	138	224.05	9445	237.00	326	252.90	65
211.00	706	225.00	2343	238.90	222	253.05	124

Average of 2.004 to 2.015 min.: F93601.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
254.00	262	275.00	13319	313.95	263	341.00	132
255.00	37520	276.00	1806	314.95	511	345.95	338
256.00	5474	277.00	1247	316.00	299	351.95	469
256.95	461	277.95	166	320.95	117	352.90	106

258.00	2106	282.95	188	323.00	1497	353.10	110
258.95	349	284.00	72	324.05	235	354.05	416
265.00	884	285.10	222	326.95	261	364.95	1859
265.90	233	293.00	275	328.00	57	365.95	301
271.90	61	296.00	4722	333.00	110	371.00	50
273.00	1167	296.95	586	334.00	957	372.05	681
274.00	2590	303.05	547	335.00	135	373.00	129

Average of 2.004 to 2.015 min.: F93601.D
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
383.05	189	443.00	9266				
391.10	52	444.00	864				
401.95	269						
403.00	410						
403.95	129						
420.95	368						
421.95	328						
423.00	2164						
423.95	438						
441.00	7923						
442.00	48690						

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 09/29/10 18:06

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31872.D
Acq On : 29 Sep 2010 11:03 am
Operator : olgaa
Sample : ic1369-100
Misc : op45801,e2m1369
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 29 11:37:27 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 11:36:28 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.320	152	329969	40.00	ppb	0.00
24) Naphthalene-d8	6.946	136	1265095	40.00	ppb	0.00
47) Acenaphthene-d10	10.878	164	730411	40.00	ppb	0.00
69) Phenanthrene-d10	14.162	188	1064334	40.00	ppb	0.00
83) Chrysene-d12	19.917	240	1130541	40.00	ppb	0.00
92) Perylene-d12	21.794	264	1076085	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.320	152	329969	40.00	ppb	0.00
104) Acenaphthene-d10a	10.878	164	730411	40.00	ppb	0.00
106) Chrysene-d12a	19.917	240	1130541	40.00	ppb	0.00
108) Phenanthrene-d10a	14.162	188	1064334	40.00	ppb	0.00
110) Chrysene-d12b	19.917	240	1130541	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.277	112	1203574	91.22	ppb	0.00
Spiked Amount 50.000			Recovery =	182.44%		
8) Phenol-d5	4.031	99	1362256	83.40	ppb	0.00
Spiked Amount 50.000			Recovery =	166.80%		
25) Nitrobenzene-d5	5.529	82	1170779	87.58	ppb	0.00
Spiked Amount 50.000			Recovery =	175.16%		
51) 2-Fluorobiphenyl	9.546	172	2175862	85.62	ppb	0.00
Spiked Amount 50.000			Recovery =	171.24%		
73) 2,4,6-Tribromophenol	12.723	330	349192	102.27	ppb	0.00
Spiked Amount 50.000			Recovery =	204.54%		
85) Terphenyl-d14	18.061	244	1946128	91.40	ppb	0.00
Spiked Amount 50.000			Recovery =	182.80%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.795	88	461373	90.24	ppb	96
3) Pyridine	0.956	79	1150674	82.64	ppb	97
4) N-Nitrosodimethylamine	0.961	74	714797	90.12	ppb	99
6) Indene	4.866	116	1647583	89.98	ppb	99
7) Cumene	2.962	105	2261199	89.33	ppb	100
9) Phenol	4.058	94	1416461	84.11	ppb	98
10) Aniline	3.849	93	1562254	79.93	ppb	95
11) bis(2-Chloroethyl)ether	4.047	93	1083081	84.30	ppb	83
12) 2-Chlorophenol	4.015	128	1089892	84.29	ppb	100
13) Decane	4.261	43	888874	81.81	ppb	99
14) 1,3-Dichlorobenzene	4.235	146	1174548	86.85	ppb	99
15) 1,4-Dichlorobenzene	4.352	146	1196062	87.28	ppb	98
16) Benzyl alcohol	4.807	108	826406	91.13	ppb	99
17) 1,2-Dichlorobenzene	4.700	146	1103817	85.95	ppb	98
18) Acetophenone	5.283	105	1477508	85.91	ppb	94
19) 2-Methylphenol	5.203	108	1075522	88.95	ppb	99
20) 2,2'-oxybis(1-Chloropr...	5.128	45	1429535	88.42	ppb	96
21) 3&4-Methylphenol	5.529	108	1083081	85.73	ppb	99
22) n-Nitroso-di-n-propyla...	5.443	70	809764	91.37	ppb	99
23) Hexachloroethane	5.288	201	368637	89.51	ppb	93
26) Nitrobenzene	5.572	123	601973	89.66	ppb	90
27) Quinoline	7.807	129	2065274	94.56	ppb	99
28) Isophorone	6.123	82	2090636	90.31	ppb	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31872.D
Acq On : 29 Sep 2010 11:03 am
Operator : olgaa
Sample : ic1369-100
Misc : op45801,e2m1369
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 29 11:37:27 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 11:36:28 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2-Nitrophenol	6.246	139	601460	88.74	ppb		93
30) 2,4-Dimethylphenol	6.615	107	1103488	90.89	ppb		99
31) Benzoic acid	7.283	105	1038383	99.50	ppb		100
32) bis(2-Chloroethoxy)met...	6.780	93	1259330	86.93	ppb		99
33) 2,4-Dichlorophenol	6.813	162	920781	90.43	ppb		99
34) 2,6-Dichlorophenol	7.294	162	896078	88.64	ppb		97
35) 1,3,5-Trichlorobenzene	6.224	180	876176	88.58	ppb		100
36) 1,2,4-Trichlorobenzene	6.904	180	885485	91.02	ppb		99
37) 1,2,3-Trichlorobenzene	7.412	180	834429	89.30	ppb		99
38) Naphthalene	6.989	128	3129412	86.42	ppb		99
39) 4-Chloroaniline	7.326	127	1339036	82.87	ppb		99
40) 2,3-Dichloroaniline	9.316	161	1031993	90.30	ppb		99
41) Caprolactam	8.289	55	534002	95.98	ppb		99
42) Hexachlorobutadiene	7.513	225	485051	91.34	ppb		100
43) 4-Chloro-3-methylphenol	8.663	107	1011930	91.96	ppb	#	59
44) 2-Methylnaphthalene	8.540	142	2126325	87.53	ppb		100
45) 1-Methylnaphthalene	8.765	142	1976545	87.51	ppb		100
46) Dimethylnaphthalene	9.990	156	1678874	87.90	ppb		99
48) Hexachlorocyclopentadiene	9.118	237	922751	189.67	ppb		99
49) 2,4,6-Trichlorophenol	9.369	196	630088	89.86	ppb		100
50) 2,4,5-Trichlorophenol	9.460	196	666649	91.69	ppb		97
52) 2-Chloronaphthalene	9.599	162	1896444	86.03	ppb		99
53) Biphenyl	9.690	154	2292281	85.38	ppb		99
54) 2-Nitroaniline	10.070	65	641360	90.20	ppb		100
55) Dimethylphthalate	10.728	163	2161071	90.18	ppb		99
56) Acenaphthylene	10.508	152	2936591	86.10	ppb		100
57) 2,6-Dinitrotoluene	10.797	89	298751	92.91	ppb		99
58) 3-Nitroaniline	11.049	138	653059	90.88	ppb		100
59) Acenaphthene	10.958	153	1798822	85.93	ppb		99
60) 2,4-Dinitrophenol	11.273	184	602810	206.43	ppb		98
61) 4-Nitrophenol	11.712	109	361227	97.10	ppb		96
62) Dibenzofuran	11.343	168	2702122	88.03	ppb		99
63) 2,4-Dinitrotoluene	11.637	165	693989	92.70	ppb		96
64) 2,3,4,6-Tetrachlorophenol	11.824	232	548797	92.58	ppb		96
65) Diethylphthalate	12.402	149	2136745	91.63	ppb		100
66) Fluorene	12.108	166	2172710	87.76	ppb		98
67) 4-Chlorophenyl-phenyle...	12.279	204	975513	89.11	ppb		96
68) 4-Nitroaniline	12.504	138	651715	92.45	ppb		99
70) 4,6-Dinitro-2-methylph...	12.552	198	444455	102.30	ppb		84
71) n-Nitrosodiphenylamine	12.627	169	1472907	84.15	ppb		98
72) 1,2-Diphenylhydrazine	12.610	77	2159867	82.44	ppb		97
74) 4-Bromophenyl-phenylether	13.349	248	551545	93.66	ppb		96
75) Hexachlorobenzene	13.525	284	646383	95.78	ppb		95
76) Pentachlorophenol	14.044	266	932232	196.42	ppb		99
77) Phenanthrene	14.226	178	2904200	88.17	ppb		99
78) Anthracene	14.327	178	2916699	87.08	ppb		100
79) Carbazole	14.852	167	2902410	88.49	ppb		99
80) Di-n-butylphthalate	16.162	149	3393069	89.51	ppb		99
81) Fluoranthene	16.911	202	3110869	91.79	ppb		99
82) Octadecane	14.595	57	1284537	84.30	ppb		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31872.D
Acq On : 29 Sep 2010 11:03 am
Operator : olgaa
Sample : ic1369-100
Misc : op45801,e2m1369
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 29 11:37:27 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 11:36:28 2010
Response via : Initial Calibration

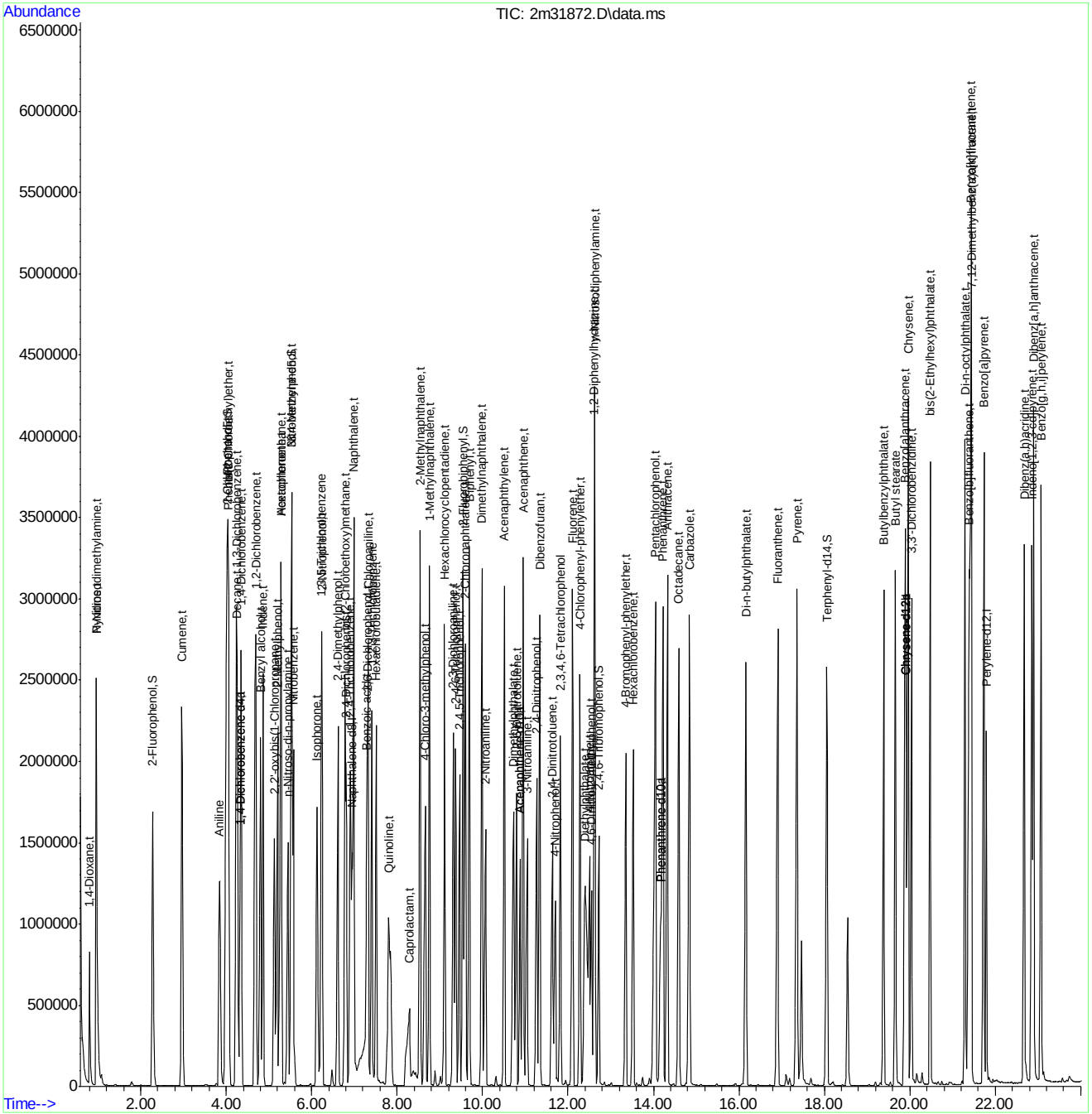
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Pyrene	17.365	202	3252251	87.73	ppb	99
86) Butylbenzylphthalate	19.387	149	1486116	86.72	ppb	99
87) Butyl stearate	19.660	56	853250	79.69	ppb	93
88) Benzo[a]anthracene	19.895	228	2997697	90.52	ppb	100
89) 3,3'-Dichlorobenzidine	20.040	252	1224735	94.13	ppb	98
90) Chrysene	19.965	228	2854413	88.20	ppb	99
91) bis(2-Ethylhexyl)phtha...	20.478	149	1959225	85.48	ppb	97
93) Di-n-octylphthalate	21.291	149	3354377	82.45	ppb	100
94) Benzo[b]fluoranthene	21.388	252	3836171m	109.44	ppb	
95) Benzo[k]fluoranthene	21.430	252	2364091m	66.46	ppb	
96) Benzo[a]pyrene	21.735	252	2923158	87.60	ppb	98
97) Indeno[1,2,3-cd]pyrene	22.858	276	2705107m	93.39	ppb	
98) Dibenz(a,h)acridine	22.682	279	2388005	92.24	ppb	100
99) Dibenz[a,h]anthracene	22.901	278	2724115	92.94	ppb	96
100) 7,12-Dimethylbenz(a)an...	21.441	256	1345128	89.63	ppb	97
101) Benzo[g,h,i]perylene	23.078	276	2826273	91.67	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31872.D
Acq On : 29 Sep 2010 11:03 am
Operator : olgaa
Sample : ic1369-100
Misc : op45801,e2m1369
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 29 11:37:27 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 11:36:28 2010
Response via : Initial Calibration



Manual Integration Approval Summary

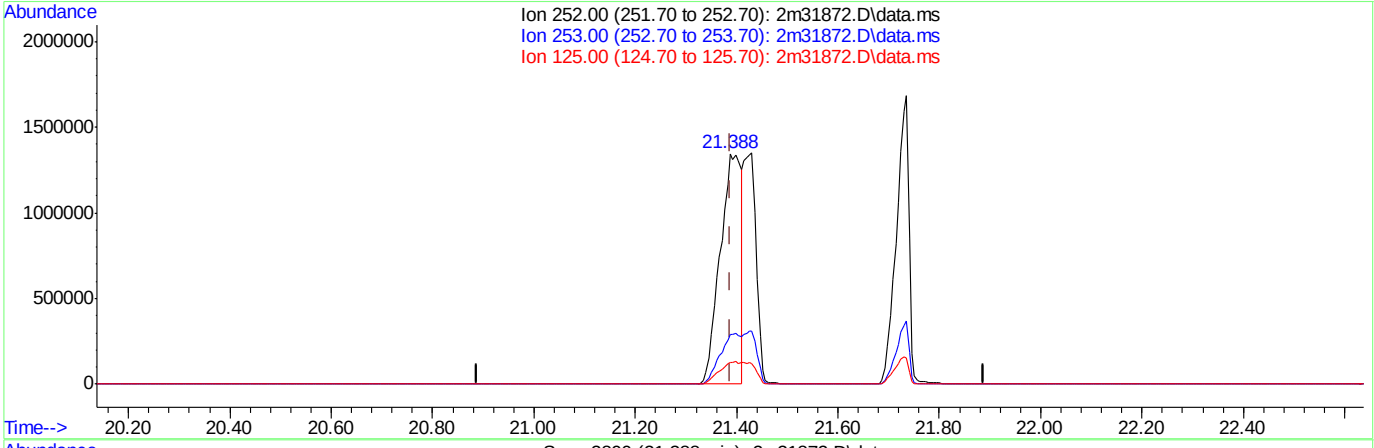
Sample Number: E2M1369-IC1369
Lab FileID: 2M31872.D
Injection Time: 09/29/10 11:03
Method: SW846 8270C
Analyst approved: 09/29/10 15:34 Olga Azarihn
Supervisor approved: 09/29/10 18:06 Kristi Schollenberger

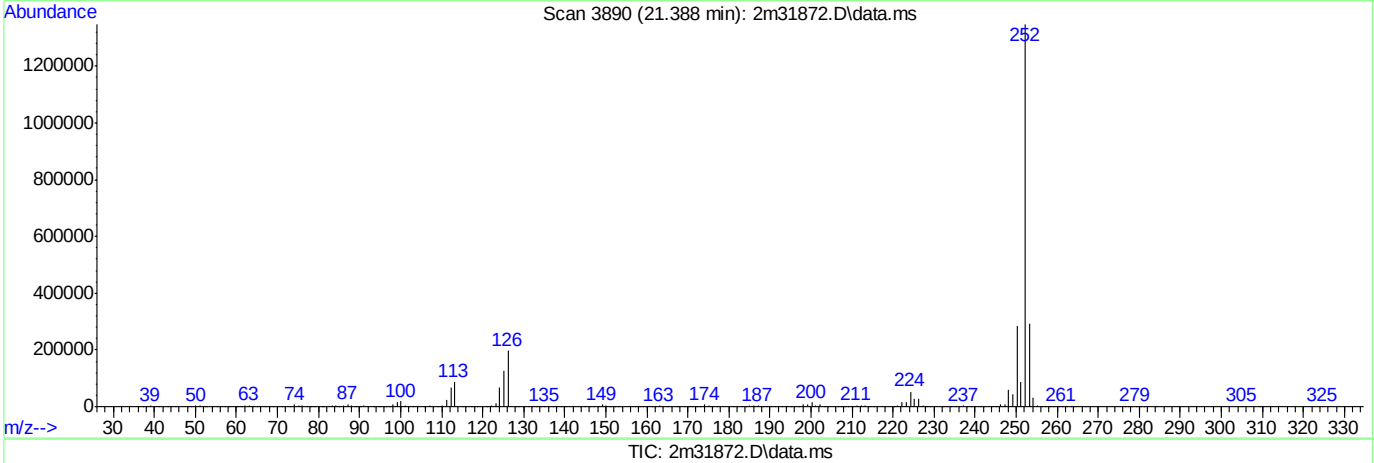
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		21.39	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.43	Overlapping peak
Indeno(1,2,3-cd)pyrene	193-39-5		22.86	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31872.D
Acq On : 29 Sep 2010 11:03 am
Operator : olgaa
Sample : ic1369-100
Misc : op45801,e2m1369
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 29 11:37:27 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 11:36:28 2010
Response via : Initial Calibration





TIC: 2m31872.D\data.ms

(94) Benzo[b]fluoranthene (t)

21.388min (0.000) 109.44ppb m

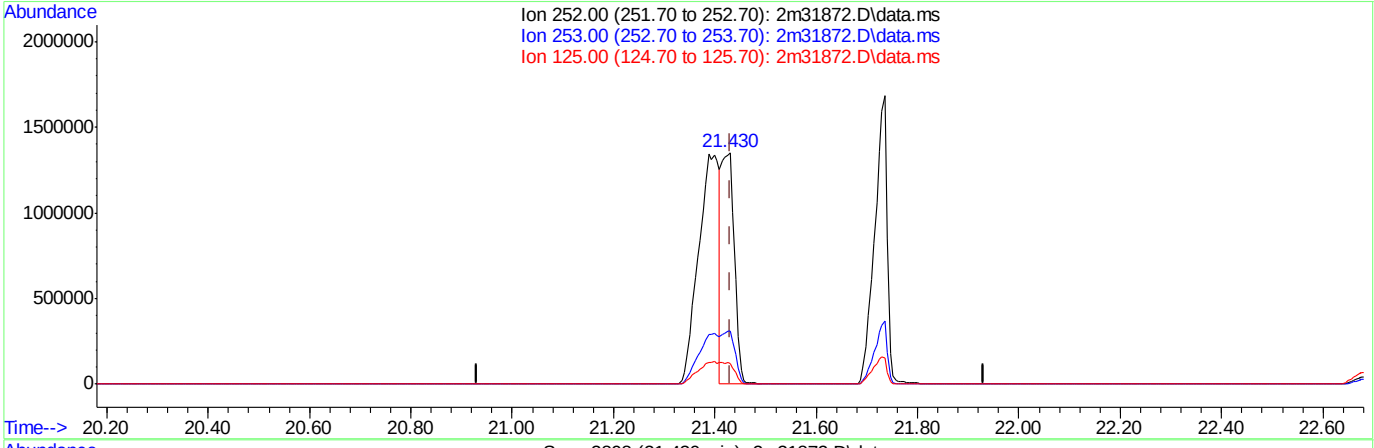
response 3836171

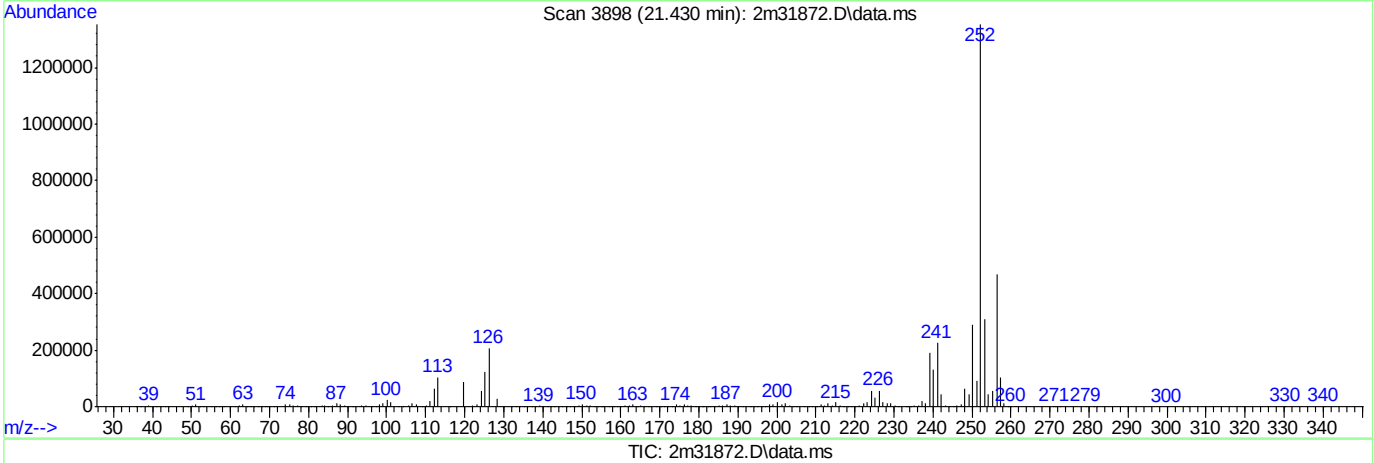
Ion	Exp%	Act%
252.00	100	100
253.00	22.20	21.61
125.00	10.60	9.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31872.D
Acq On : 29 Sep 2010 11:03 am
Operator : olgaa
Sample : ic1369-100
Misc : op45801,e2m1369
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 29 11:37:27 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 11:36:28 2010
Response via : Initial Calibration





TIC: 2m31872.D\data.ms

(95) Benzo[k]fluoranthene (t)

21.430min (0.000) 66.46ppb m

response 2364091

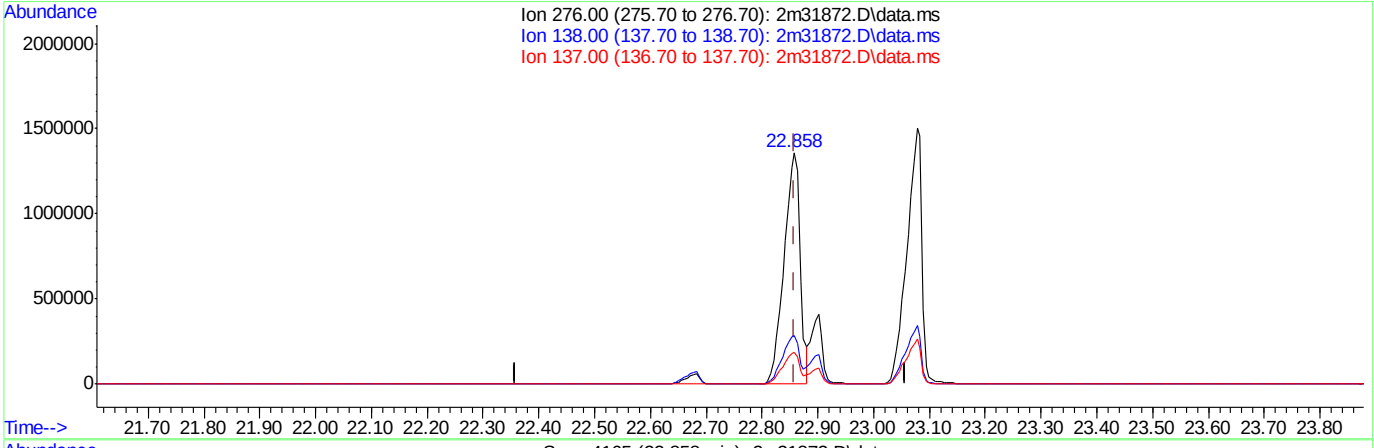
Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.02
125.00	10.00	9.03
0.00	0.00	0.00

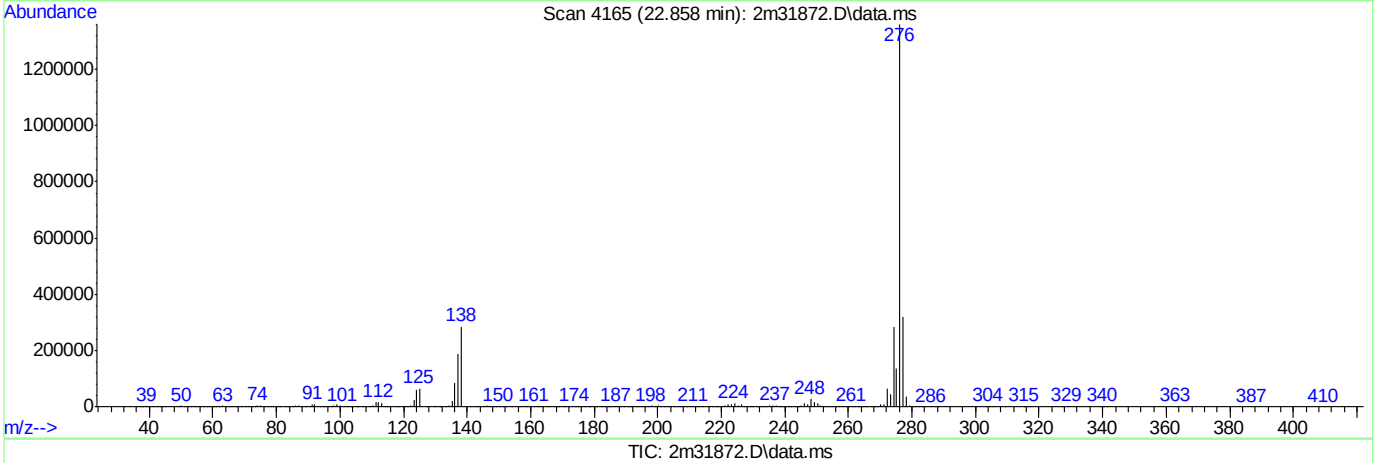
2M31872.D edits: Benzo[k]fluoranthene

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31872.D
Acq On : 29 Sep 2010 11:03 am
Operator : olgaa
Sample : ic1369-100
Misc : op45801,e2m1369
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 29 11:37:27 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 11:36:28 2010
Response via : Initial Calibration





TIC: 2m31872.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

22.858min (+0.000) 93.39ppb m

response 2705107

Ion	Exp%	Act%
276.00	100	100
138.00	21.90	20.94
137.00	14.90	13.68
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31873.D
Acq On : 29 Sep 2010 11:34 am
Operator : olgaa
Sample : ic1369-2
Misc : op45801,e2m1369
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 29 12:11:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:10:32 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.310	152	327264	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1248487	40.00	ppb	0.00
47) Acenaphthene-d10	10.862	164	698054	40.00	ppb	0.00
69) Phenanthrene-d10	14.140	188	1036277	40.00	ppb	0.00
83) Chrysene-d12	19.890	240	1089582	40.00	ppb	0.00
92) Perylene-d12	21.778	264	1031617	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.310	152	327264	40.00	ppb	0.00
104) Acenaphthene-d10a	10.862	164	698054	40.00	ppb	0.00
106) Chrysene-d12a	19.890	240	1089582	40.00	ppb	0.00
108) Phenanthrene-d10a	14.140	188	1036277	40.00	ppb	0.00
110) Chrysene-d12b	19.890	240	1089582	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.261	112	25666	2.02	ppb	0.00
Spiked Amount 50.000			Recovery =	4.04%		
8) Phenol-d5	3.983	99	34206	2.24	ppb	0.00
Spiked Amount 50.000			Recovery =	4.48%		
25) Nitrobenzene-d5	5.492	82	26180	2.07	ppb	0.00
Spiked Amount 50.000			Recovery =	4.14%		
51) 2-Fluorobiphenyl	9.514	172	49553	2.14	ppb	0.00
Spiked Amount 50.000			Recovery =	4.28%		
73) 2,4,6-Tribromophenol	12.680	330	5409	1.61	ppb	0.00
Spiked Amount 50.000			Recovery =	3.22%		
85) Terphenyl-d14	18.034	244	35098	1.76	ppb	0.00
Spiked Amount 50.000			Recovery =	3.52%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.806	88	11339	2.31	ppb	92
3) Pyridine	0.983	79	30865	2.37	ppb	95
4) N-Nitrosodimethylamine	0.967	74	16046	2.11	ppb	83
6) Indene	4.850	116	35961	2.05	ppb	92
7) Cumene	2.962	105	49419	2.04	ppb	98
9) Phenol	3.999	94	35446	2.24	ppb	93
10) Aniline	3.833	93	40273	2.23	ppb	98
11) bis(2-Chloroethyl)ether	4.026	93	25869	2.14	ppb	96
12) 2-Chlorophenol	3.994	128	26424	2.17	ppb	96
13) Decane	4.251	43	22015	2.17	ppb	96
14) 1,3-Dichlorobenzene	4.224	146	27264	2.13	ppb	91
15) 1,4-Dichlorobenzene	4.336	146	27209	2.09	ppb	96
16) Benzyl alcohol	4.764	108	16821	1.93	ppb	95
17) 1,2-Dichlorobenzene	4.684	146	25785	2.12	ppb	99
18) Acetophenone	5.235	105	34312	2.11	ppb	94
19) 2-Methylphenol	5.155	108	23796	2.06	ppb	94
20) 2,2'-oxybis(1-Chloropr...	5.112	45	32235	2.09	ppb	98
21) 3&4-Methylphenol	5.481	108	24667	2.07	ppb	97
22) n-Nitroso-di-n-propyla...	5.385	70	17466	2.05	ppb	98
23) Hexachloroethane	5.283	201	7621	1.93	ppb	96
26) Nitrobenzene	5.529	123	12831	2.01	ppb	91
27) Quinoline	7.733	129	42328	2.00	ppb	98
28) Isophorone	6.080	82	42471	1.92	ppb	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31873.D
Acq On : 29 Sep 2010 11:34 am
Operator : olgaa
Sample : ic1369-2
Misc : op45801,e2m1369
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 29 12:11:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:10:32 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2-Nitrophenol	6.219	139	11516	1.79	ppb		89
30) 2,4-Dimethylphenol	6.572	107	21852	1.88	ppb		97
31) Benzoic acid	6.845	105	12641	1.23	ppb	#	77
32) bis(2-Chloroethoxy)met...	6.738	93	27110	1.98	ppb		97
33) 2,4-Dichlorophenol	6.770	162	17739	1.82	ppb		96
34) 2,6-Dichlorophenol	7.273	162	18921	1.97	ppb		94
35) 1,3,5-Trichlorobenzene	6.208	180	19847	2.11	ppb		95
36) 1,2,4-Trichlorobenzene	6.888	180	20241	2.17	ppb		92
37) 1,2,3-Trichlorobenzene	7.390	180	17988	2.02	ppb		95
38) Naphthalene	6.957	128	72326	2.12	ppb		97
39) 4-Chloroaniline	7.289	127	32276	2.15	ppb		99
40) 2,3-Dichloroaniline	9.294	161	21272	1.95	ppb		95
41) Caprolactam	7.963	55	8547	1.58	ppb		84
42) Hexachlorobutadiene	7.503	225	10220	2.01	ppb		96
43) 4-Chloro-3-methylphenol	8.583	107	19357	1.83	ppb		76
44) 2-Methylnaphthalene	8.519	142	47496	2.07	ppb		97
45) 1-Methylnaphthalene	8.738	142	43452	2.03	ppb		94
46) Dimethylnaphthalene	9.958	156	35431	1.96	ppb		95
48) Hexachlorocyclopentadiene	9.102	237	12942	2.83	ppb		99
49) 2,4,6-Trichlorophenol	9.332	196	11716	1.81	ppb		99
50) 2,4,5-Trichlorophenol	9.391	196	13104	1.94	ppb		95
52) 2-Chloronaphthalene	9.567	162	42444	2.11	ppb		98
53) Biphenyl	9.658	154	51082	2.09	ppb		98
54) 2-Nitroaniline	10.022	65	11825	1.80	ppb		90
55) Dimethylphthalate	10.680	163	43260	1.95	ppb		100
56) Acenaphthylene	10.482	152	59301	1.91	ppb		97
57) 2,6-Dinitrotoluene	10.739	89	5329	1.78	ppb		82
58) 3-Nitroaniline	10.985	138	11361	1.71	ppb		90
59) Acenaphthene	10.920	153	39763	2.09	ppb		98
60) 2,4-Dinitrophenol	11.209	184	3984	1.41	ppb		97
61) 4-Nitrophenol	11.653	109	5472	1.55	ppb		95
62) Dibenzofuran	11.300	168	58825	2.09	ppb		100
63) 2,4-Dinitrotoluene	11.578	165	10620	1.52	ppb		96
64) 2,3,4,6-Tetrachlorophenol	11.787	232	9728	1.76	ppb		98
65) Diethylphthalate	12.338	149	42216	1.95	ppb		99
66) Fluorene	12.070	166	44845	1.98	ppb		98
67) 4-Chlorophenyl-phenyle...	12.252	204	20835	2.07	ppb		96
68) 4-Nitroaniline	12.370	138	11066	1.68	ppb		98
70) 4,6-Dinitro-2-methylph...	12.461	198	4094	0.96	ppb		89
71) n-Nitrosodiphenylamine	12.579	169	33600	2.08	ppb		97
72) 1,2-Diphenylhydrazine	12.579	77	48379	2.01	ppb		96
74) 4-Bromophenyl-phenylether	13.322	248	10501	1.87	ppb		88
75) Hexachlorobenzene	13.493	284	12834	1.98	ppb		89
76) Pentachlorophenol	13.991	266	13234	2.88	ppb		88
77) Phenanthrene	14.183	178	65039	2.11	ppb		98
78) Anthracene	14.279	178	61593	1.97	ppb		98
79) Carbazole	14.804	167	59577	1.94	ppb		99
80) Di-n-butylphthalate	16.135	149	56648	1.59	ppb		98
81) Fluoranthene	16.868	202	58161	1.81	ppb		97
82) Octadecane	14.574	57	23843	1.70	ppb		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31873.D
Acq On : 29 Sep 2010 11:34 am
Operator : olgaa
Sample : ic1369-2
Misc : op45801,e2m1369
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 29 12:11:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:10:32 2010
Response via : Initial Calibration

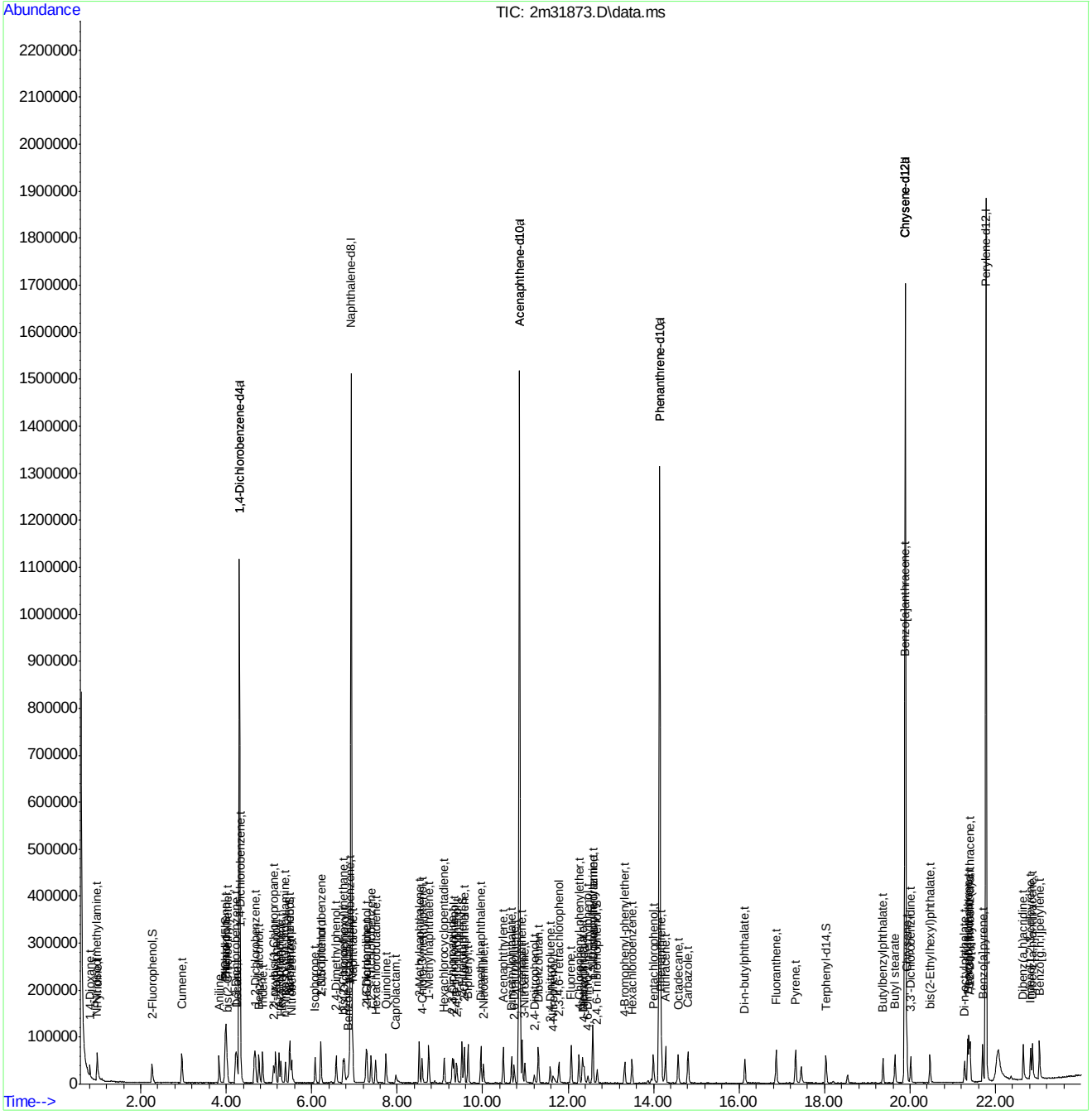
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Pyrene	17.323	202	61588	1.80	ppb	99
86) Butylbenzylphthalate	19.371	149	22381	1.42	ppb	95
87) Butyl stearate	19.644	56	16869	1.75	ppb	94
88) Benzo[a]anthracene	19.869	228	58732	1.90	ppb	98
89) 3,3'-Dichlorobenzidine	20.013	252	18382	1.50	ppb	97
90) Chrysene	19.922	228	58282	1.95	ppb	98
91) bis(2-Ethylhexyl)phtha...	20.468	149	28544	1.36	ppb	97
93) Di-n-octylphthalate	21.281	149	42825	1.17	ppb	97
94) Benzo[b]fluoranthene	21.350	252	54608	1.58	ppb	99
95) Benzo[k]fluoranthene	21.377	252	58910	1.94	ppb	94
96) Benzo[a]pyrene	21.698	252	47982	1.56	ppb	98
97) Indeno[1,2,3-cd]pyrene	22.821	276	40859	1.50	ppb	90
98) Dibenz(a,h)acridine	22.650	279	41018	1.70	ppb	99
99) Dibenz[a,h]anthracene	22.864	278	45044	1.64	ppb	98
100) 7,12-Dimethylbenz(a)an...	21.409	256	22017	1.59	ppb	100
101) Benzo[g,h,i]perylene	23.030	276	51070	1.78	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31873.D
Acq On : 29 Sep 2010 11:34 am
Operator : olgaa
Sample : ic1369-2
Misc : op45801,e2m1369
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 29 12:11:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:10:32 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31874.D
Acq On : 29 Sep 2010 12:06 pm
Operator : olgaa
Sample : ic1369-5
Misc : op45801,e2m1369
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 29 12:33:39 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:11:22 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.309	152	360391	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1368271	40.00	ppb	0.00
47) Acenaphthene-d10	10.867	164	773794	40.00	ppb	0.00
69) Phenanthrene-d10	14.145	188	1146879	40.00	ppb	0.00
83) Chrysene-d12	19.895	240	1218617	40.00	ppb	0.00
92) Perylene-d12	21.778	264	1148225	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.309	152	360391	40.00	ppb	0.00
104) Acenaphthene-d10a	10.867	164	773794	40.00	ppb	0.00
106) Chrysene-d12a	19.895	240	1218617	40.00	ppb	0.00
108) Phenanthrene-d10a	14.145	188	1146879	40.00	ppb	0.00
110) Chrysene-d12b	19.895	240	1218617	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.266	112	68897	4.91	ppb	0.00
Spiked Amount 50.000			Recovery =	9.82%		
8) Phenol-d5	3.983	99	91515	5.28	ppb	0.00
Spiked Amount 50.000			Recovery =	10.56%		
25) Nitrobenzene-d5	5.497	82	72380	5.18	ppb	0.00
Spiked Amount 50.000			Recovery =	10.36%		
51) 2-Fluorobiphenyl	9.514	172	137757	5.28	ppb	0.00
Spiked Amount 50.000			Recovery =	10.56%		
73) 2,4,6-Tribromophenol	12.680	330	17228	4.88	ppb	0.00
Spiked Amount 50.000			Recovery =	9.76%		
85) Terphenyl-d14	18.034	244	104477	4.83	ppb	0.00
Spiked Amount 50.000			Recovery =	9.66%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.801	88	28098	5.01	ppb	100
3) Pyridine	0.972	79	78957	5.27	ppb	97
4) N-Nitrosodimethylamine	0.966	74	44710	5.26	ppb	85
6) Indene	4.850	116	99740	5.13	ppb	99
7) Cumene	2.961	105	136734	5.10	ppb	98
9) Phenol	3.999	94	95444	5.32	ppb	95
10) Aniline	3.833	93	107813	5.26	ppb	98
11) bis(2-Chloroethyl)ether	4.026	93	71655	5.29	ppb	98
12) 2-Chlorophenol	3.999	128	72718	5.32	ppb	99
13) Decane	4.250	43	58656	5.15	ppb	98
14) 1,3-Dichlorobenzene	4.224	146	74338	5.18	ppb	98
15) 1,4-Dichlorobenzene	4.336	146	75454	5.21	ppb	98
16) Benzyl alcohol	4.764	108	48499	5.09	ppb	96
17) 1,2-Dichlorobenzene	4.684	146	70523	5.19	ppb	98
18) Acetophenone	5.235	105	94486	5.21	ppb	98
19) 2-Methylphenol	5.154	108	65007	5.07	ppb	98
20) 2,2'-oxybis(1-Chloropr...	5.112	45	88118	5.13	ppb	98
21) 3&4-Methylphenol	5.481	108	69595	5.25	ppb	93
22) n-Nitroso-di-n-propyla...	5.384	70	46557	4.92	ppb	98
23) Hexachloroethane	5.283	201	21235	4.93	ppb	96
26) Nitrobenzene	5.529	123	36391	5.19	ppb	93
27) Quinoline	7.732	129	116663	5.03	ppb	96
28) Isophorone	6.074	82	122067	5.09	ppb	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31874.D
Acq On : 29 Sep 2010 12:06 pm
Operator : olgaa
Sample : ic1369-5
Misc : op45801,e2m1369
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 29 12:33:39 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:11:22 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 2-Nitrophenol	6.219	139	34867	5.08	ppb	96
30) 2,4-Dimethylphenol	6.572	107	59612	4.75	ppb	99
31) Benzoic acid	6.903	105	41635	4.09	ppb	98
32) bis(2-Chloroethoxy)met...	6.738	93	78660	5.26	ppb	98
33) 2,4-Dichlorophenol	6.770	162	53814	5.16	ppb	97
34) 2,6-Dichlorophenol	7.272	162	52625	5.02	ppb	98
35) 1,3,5-Trichlorobenzene	6.208	180	54248	5.20	ppb	97
36) 1,2,4-Trichlorobenzene	6.882	180	53477	5.13	ppb	97
37) 1,2,3-Trichlorobenzene	7.385	180	51755	5.30	ppb	98
38) Naphthalene	6.962	128	200742	5.29	ppb	98
39) 4-Chloroaniline	7.289	127	88630	5.28	ppb	99
40) 2,3-Dichloroaniline	9.294	161	62416	5.25	ppb	97
41) Caprolactam	7.973	55	27019	4.80	ppb	96
42) Hexachlorobutadiene	7.497	225	29102	5.21	ppb	97
43) 4-Chloro-3-methylphenol	8.588	107	56377	4.97	ppb	72
44) 2-Methylnaphthalene	8.519	142	131690	5.19	ppb	99
45) 1-Methylnaphthalene	8.738	142	124236	5.28	ppb	98
46) Dimethylnaphthalene	9.963	156	103393	5.24	ppb	99
48) Hexachlorocyclopentadiene	9.102	237	42316	9.01	ppb	99
49) 2,4,6-Trichlorophenol	9.332	196	35332	5.04	ppb	99
50) 2,4,5-Trichlorophenol	9.396	196	36628	4.93	ppb	95
52) 2-Chloronaphthalene	9.567	162	118393	5.24	ppb	98
53) Biphenyl	9.663	154	145439	5.31	ppb	96
54) 2-Nitroaniline	10.022	65	34231	4.82	ppb	97
55) Dimethylphthalate	10.680	163	126977	5.20	ppb	100
56) Acenaphthylene	10.482	152	175378	5.15	ppb	99
57) 2,6-Dinitrotoluene	10.744	89	15587	4.82	ppb	99
58) 3-Nitroaniline	10.984	138	35948	5.06	ppb	99
59) Acenaphthene	10.926	153	112530	5.27	ppb	99
60) 2,4-Dinitrophenol	11.209	184	17763	6.78	ppb	100
61) 4-Nitrophenol	11.637	109	17437	4.73	ppb	96
62) Dibenzofuran	11.305	168	165799	5.25	ppb	98
63) 2,4-Dinitrotoluene	11.583	165	35439	4.87	ppb	97
64) 2,3,4,6-Tetrachlorophenol	11.787	232	29179	4.91	ppb	96
65) Diethylphthalate	12.343	149	123357	5.17	ppb	98
66) Fluorene	12.070	166	130276	5.19	ppb	95
67) 4-Chlorophenyl-phenyle...	12.257	204	58129	5.16	ppb	96
68) 4-Nitroaniline	12.375	138	35486	5.07	ppb	97
70) 4,6-Dinitro-2-methylph...	12.461	198	16543	4.03	ppb	80
71) n-Nitrosodiphenylamine	12.578	169	96374	5.34	ppb	99
72) 1,2-Diphenylhydrazine	12.584	77	142108	5.34	ppb	99
74) 4-Bromophenyl-phenylether	13.327	248	30490	4.99	ppb	96
75) Hexachlorobenzene	13.493	284	35490	4.96	ppb	99
76) Pentachlorophenol	13.996	266	44200	9.35	ppb	98
77) Phenanthrene	14.183	178	181871	5.26	ppb	99
78) Anthracene	14.279	178	178465	5.18	ppb	99
79) Carbazole	14.803	167	172833	5.12	ppb	99
80) Di-n-butylphthalate	16.135	149	183973	4.92	ppb	99
81) Fluoranthene	16.873	202	174240	5.02	ppb	99
82) Octadecane	14.573	57	76526	5.11	ppb	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31874.D
Acq On : 29 Sep 2010 12:06 pm
Operator : olgaa
Sample : ic1369-5
Misc : op45801,e2m1369
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 29 12:33:39 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:11:22 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Pyrene	17.323	202	181710	4.86	ppb	100
86) Butylbenzylphthalate	19.371	149	74977	4.58	ppb	98
87) Butyl stearate	19.644	56	52904	5.07	ppb	94
88) Benzo[a]anthracene	19.868	228	167857	4.92	ppb	99
89) 3,3'-Dichlorobenzidine	20.013	252	60190	4.67	ppb	99
90) Chrysene	19.927	228	167909	5.05	ppb	99
91) bis(2-Ethylhexyl)phtha...	20.468	149	99158	4.59	ppb	98
93) Di-n-octylphthalate	21.275	149	160901	4.39	ppb	98
94) Benzo[b]fluoranthene	21.350	252	168490	4.61	ppb	97
95) Benzo[k]fluoranthene	21.382	252	178562	5.33	ppb	98
96) Benzo[a]pyrene	21.698	252	157559	4.88	ppb	98
97) Indeno[1,2,3-cd]pyrene	22.821	276	116719	4.12	ppb	93
98) Dibenz(a,h)acridine	22.650	279	110061	4.25	ppb	100
99) Dibenz[a,h]anthracene	22.864	278	128626	4.41	ppb	96
100) 7,12-Dimethylbenz(a)an...	21.404	256	69020	4.71	ppb	98
101) Benzo[g,h,i]perylene	23.030	276	143010	4.60	ppb	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

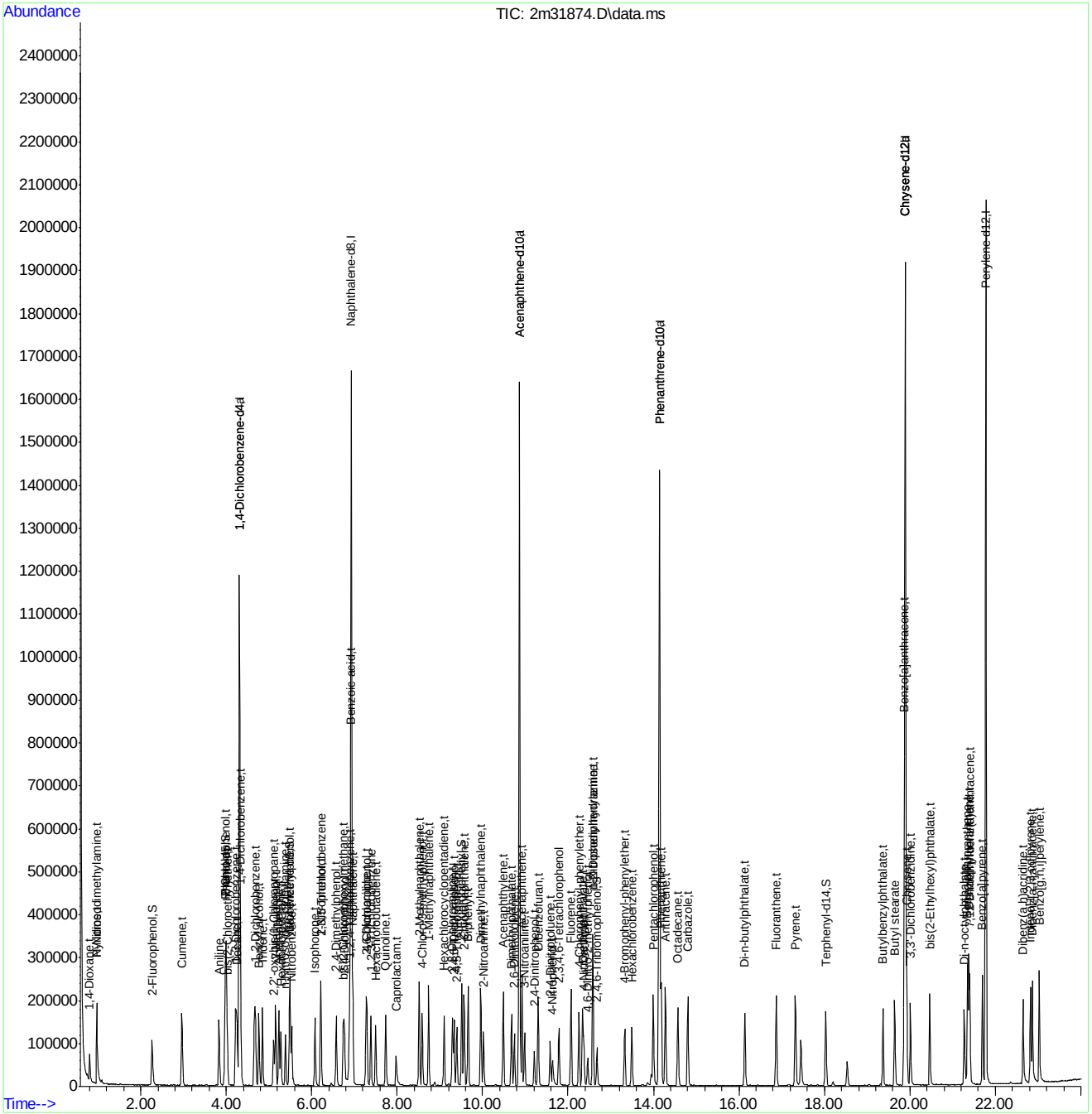
8.6.3

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31874.D
Acq On : 29 Sep 2010 12:06 pm
Operator : olgaa
Sample : ic1369-5
Misc : op45801,e2m1369
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 29 12:33:39 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:11:22 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31875.D
Acq On : 29 Sep 2010 12:38 pm
Operator : olgaa
Sample : ic1369-10
Misc : op45801,e2m1369
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 13:04:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:33:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.309	152	338179	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1278205	40.00	ppb	0.00
47) Acenaphthene-d10	10.861	164	722999	40.00	ppb	0.00
69) Phenanthrene-d10	14.145	188	1063365	40.00	ppb	0.00
83) Chrysene-d12	19.895	240	1129787	40.00	ppb	0.00
92) Perylene-d12	21.778	264	1082422	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.309	152	338179	40.00	ppb	0.00
104) Acenaphthene-d10a	10.861	164	722999	40.00	ppb	0.00
106) Chrysene-d12a	19.895	240	1129787	40.00	ppb	0.00
108) Phenanthrene-d10a	14.145	188	1063365	40.00	ppb	0.00
110) Chrysene-d12b	19.895	240	1129787	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.261	112	131702	10.04	ppb	0.00
Spiked Amount 50.000			Recovery =	20.08%		
8) Phenol-d5	3.988	99	171861	10.44	ppb	0.00
Spiked Amount 50.000			Recovery =	20.88%		
25) Nitrobenzene-d5	5.497	82	138046	10.50	ppb	0.00
Spiked Amount 50.000			Recovery =	21.00%		
51) 2-Fluorobiphenyl	9.519	172	259121	10.51	ppb	0.00
Spiked Amount 50.000			Recovery =	21.02%		
73) 2,4,6-Tribromophenol	12.685	330	34012	10.45	ppb	0.00
Spiked Amount 50.000			Recovery =	20.90%		
85) Terphenyl-d14	18.034	244	207540	10.42	ppb	0.00
Spiked Amount 50.000			Recovery =	20.84%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.801	88	51463	9.77	ppb	100
3) Pyridine	0.966	79	139773	9.83	ppb	99
4) N-Nitrosodimethylamine	0.961	74	80950	10.05	ppb	81
6) Indene	4.850	116	188933	10.30	ppb	98
7) Cumene	2.961	105	259656	10.28	ppb	99
9) Phenol	4.004	94	181293	10.63	ppb	95
10) Aniline	3.833	93	193206	9.95	ppb	98
11) bis(2-Chloroethyl)ether	4.026	93	135389	10.54	ppb	99
12) 2-Chlorophenol	3.999	128	138057	10.62	ppb	99
13) Decane	4.250	43	111258	10.35	ppb	99
14) 1,3-Dichlorobenzene	4.224	146	143143	10.56	ppb	99
15) 1,4-Dichlorobenzene	4.336	146	142751	10.41	ppb	99
16) Benzyl alcohol	4.764	108	93496	10.42	ppb	99
17) 1,2-Dichlorobenzene	4.684	146	133282	10.38	ppb	99
18) Acetophenone	5.240	105	178977	10.42	ppb	99
19) 2-Methylphenol	5.160	108	125214	10.38	ppb	98
20) 2,2'-oxybis(1-Chloropr...	5.112	45	165384	10.21	ppb	99
21) 3&4-Methylphenol	5.486	108	130798	10.41	ppb	100
22) n-Nitroso-di-n-propyla...	5.390	70	90889	10.28	ppb	100
23) Hexachloroethane	5.283	201	41991	10.42	ppb	95
26) Nitrobenzene	5.534	123	69545	10.53	ppb	86
27) Quinoline	7.732	129	223851	10.32	ppb	99
28) Isophorone	6.074	82	236373	10.51	ppb	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31875.D
Acq On : 29 Sep 2010 12:38 pm
Operator : olgaa
Sample : ic1369-10
Misc : op45801,e2m1369
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 13:04:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:33:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2-Nitrophenol	6.219	139	67028	10.41	ppb		92
30) 2,4-Dimethylphenol	6.577	107	113328	9.77	ppb		99
31) Benzoic acid	6.962	105	93074	10.15	ppb	#	60
32) bis(2-Chloroethoxy)met...	6.743	93	150252	10.65	ppb		98
33) 2,4-Dichlorophenol	6.770	162	104614	10.67	ppb		99
34) 2,6-Dichlorophenol	7.272	162	103683	10.58	ppb		97
35) 1,3,5-Trichlorobenzene	6.213	180	105215	10.71	ppb		99
36) 1,2,4-Trichlorobenzene	6.887	180	101300	10.35	ppb		99
37) 1,2,3-Trichlorobenzene	7.390	180	96160	10.41	ppb		97
38) Naphthalene	6.962	128	380233	10.60	ppb		99
39) 4-Chloroaniline	7.294	127	169606	10.70	ppb		97
40) 2,3-Dichloroaniline	9.294	161	117041	10.44	ppb		98
41) Caprolactam	8.005	55	51812	9.94	ppb		99
42) Hexachlorobutadiene	7.497	225	53887	10.24	ppb		100
43) 4-Chloro-3-methylphenol	8.594	107	112392	10.62	ppb		75
44) 2-Methylnaphthalene	8.519	142	251234	10.51	ppb		99
45) 1-Methylnaphthalene	8.738	142	233759	10.52	ppb		99
46) Dimethylnaphthalene	9.963	156	195914	10.53	ppb		96
48) Hexachlorocyclopentadiene	9.102	237	87090	20.25	ppb		99
49) 2,4,6-Trichlorophenol	9.332	196	69311	10.57	ppb		98
50) 2,4,5-Trichlorophenol	9.401	196	71473	10.32	ppb		97
52) 2-Chloronaphthalene	9.572	162	225200	10.57	ppb		98
53) Biphenyl	9.663	154	275549	10.64	ppb		99
54) 2-Nitroaniline	10.027	65	67816	10.29	ppb		99
55) Dimethylphthalate	10.680	163	241552	10.51	ppb		99
56) Acenaphthylene	10.487	152	338526	10.57	ppb		99
57) 2,6-Dinitrotoluene	10.749	89	31100	10.37	ppb		95
58) 3-Nitroaniline	10.990	138	70162	10.54	ppb		98
59) Acenaphthene	10.926	153	213499	10.58	ppb		99
60) 2,4-Dinitrophenol	11.214	184	44145	19.27	ppb		98
61) 4-Nitrophenol	11.637	109	35593	10.45	ppb		98
62) Dibenzofuran	11.305	168	317229	10.65	ppb		98
63) 2,4-Dinitrotoluene	11.583	165	71946	10.64	ppb		96
64) 2,3,4,6-Tetrachlorophenol	11.787	232	57848	10.46	ppb		94
65) Diethylphthalate	12.348	149	235372	10.49	ppb		98
66) Fluorene	12.076	166	250308	10.60	ppb		98
67) 4-Chlorophenyl-phenyle...	12.257	204	112757	10.64	ppb		99
68) 4-Nitroaniline	12.380	138	68537	10.46	ppb		97
70) 4,6-Dinitro-2-methylph...	12.466	198	36226	9.90	ppb		81
71) n-Nitrosodiphenylamine	12.584	169	182729	10.77	ppb		99
72) 1,2-Diphenylhydrazine	12.584	77	272664	10.90	ppb		99
74) 4-Bromophenyl-phenylether	13.327	248	58547	10.34	ppb		98
75) Hexachlorobenzene	13.498	284	69653	10.52	ppb		99
76) Pentachlorophenol	13.996	266	88899	20.55	ppb		98
77) Phenanthrene	14.188	178	343335	10.60	ppb		100
78) Anthracene	14.285	178	343035	10.67	ppb		99
79) Carbazole	14.803	167	335466	10.67	ppb		99
80) Di-n-butylphthalate	16.135	149	368196	10.65	ppb		100
81) Fluoranthene	16.873	202	341519	10.61	ppb		99
82) Octadecane	14.573	57	150237	10.78	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31875.D
Acq On : 29 Sep 2010 12:38 pm
Operator : olgaa
Sample : ic1369-10
Misc : op45801,e2m1369
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 13:04:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:33:48 2010
Response via : Initial Calibration

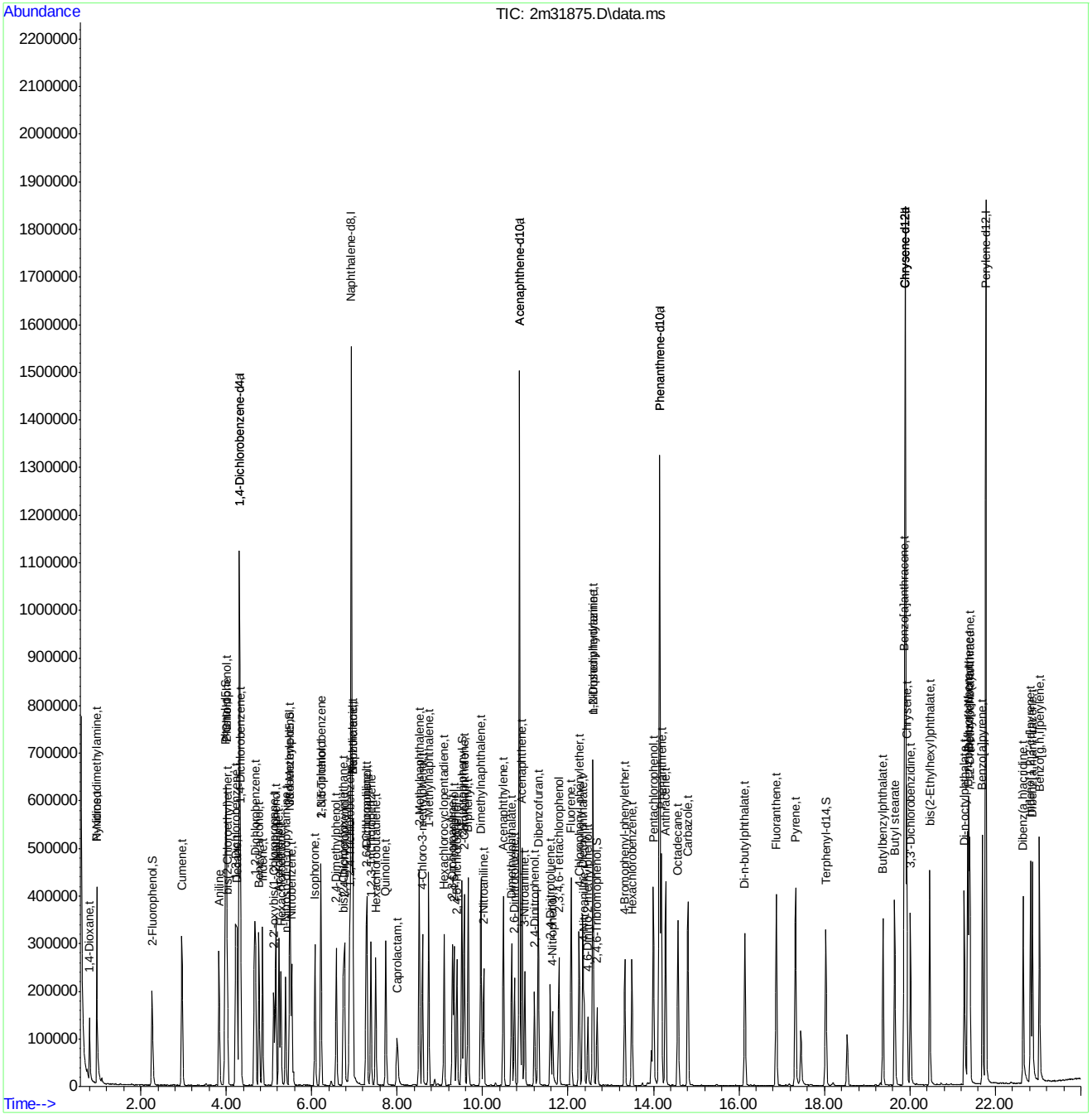
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
84) Pyrene	17.328	202	358094	10.40 ppb	99
86) Butylbenzylphthalate	19.371	149	154767	10.37 ppb	99
87) Butyl stearate	19.644	56	100677	10.38 ppb	95
88) Benzo[a]anthracene	19.868	228	321499	10.19 ppb	99
89) 3,3'-Dichlorobenzidine	20.013	252	122058	10.36 ppb	98
90) Chrysene	19.927	228	325860	10.54 ppb	99
91) bis(2-Ethylhexyl)phtha...	20.468	149	208355	10.57 ppb	98
93) Di-n-octylphthalate	21.275	149	343996	10.21 ppb	99
94) Benzo[b]fluoranthene	21.355	252	309704	9.13 ppb	98
95) Benzo[k]fluoranthene	21.382	252	366455	11.46 ppb	97
96) Benzo[a]pyrene	21.698	252	310729	10.26 ppb	98
97) Indeno[1,2,3-cd]pyrene	22.821	276	242487	9.40 ppb	92
98) Dibenz(a,h)acridine	22.655	279	224460	9.48 ppb	99
99) Dibenz[a,h]anthracene	22.869	278	259873	9.68 ppb	98
100) 7,12-Dimethylbenz(a)an...	21.409	256	135699	9.94 ppb	99
101) Benzo[g,h,i]perylene	23.035	276	286059	9.92 ppb	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31875.D
Acq On : 29 Sep 2010 12:38 pm
Operator : olgaa
Sample : ic1369-10
Misc : op45801,e2m1369
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 13:04:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 12:33:48 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 09/29/10 18:06

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31876.D
Acq On : 29 Sep 2010 1:09 pm
Operator : olgaa
Sample : ic1369-80
Misc : op45801,e2m1369
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 29 13:55:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 13:54:14 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.320	152	332428	40.00	ppb	0.00
24) Naphthalene-d8	6.941	136	1288497	40.00	ppb	0.00
47) Acenaphthene-d10	10.872	164	739824	40.00	ppb	0.00
69) Phenanthrene-d10	14.167	188	1093576	40.00	ppb	0.00
83) Chrysene-d12	19.911	240	1136283	40.00	ppb	0.00
92) Perylene-d12	21.789	264	1089782	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.320	152	332428	40.00	ppb	0.00
104) Acenaphthene-d10a	10.872	164	739824	40.00	ppb	0.00
106) Chrysene-d12a	19.911	240	1136283	40.00	ppb	0.00
108) Phenanthrene-d10a	14.167	188	1093576	40.00	ppb	0.00
110) Chrysene-d12b	19.911	240	1136283	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.277	112	1000346	77.54	ppb	0.00
Spiked Amount 50.000			Recovery =	155.08%		
8) Phenol-d5	4.026	99	1157558	71.03	ppb	0.00
Spiked Amount 50.000			Recovery =	142.06%		
25) Nitrobenzene-d5	5.524	82	974778	72.92	ppb	0.00
Spiked Amount 50.000			Recovery =	145.84%		
51) 2-Fluorobiphenyl	9.546	172	1847833	72.64	ppb	0.00
Spiked Amount 50.000			Recovery =	145.28%		
73) 2,4,6-Tribromophenol	12.717	330	296018	87.75	ppb	0.00
Spiked Amount 50.000			Recovery =	175.50%		
85) Terphenyl-d14	18.061	244	1638978	81.26	ppb	0.00
Spiked Amount 50.000			Recovery =	162.52%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.795	88	380385	73.74	ppb	97
3) Pyridine	0.956	79	962840	69.08	ppb	97
4) N-Nitrosodimethylamine	0.961	74	587746	74.18	ppb	99
6) Indene	4.860	116	1381855	76.25	ppb	99
7) Cumene	2.967	105	1872758	75.10	ppb	100
9) Phenol	4.053	94	1195246	70.56	ppb	99
10) Aniline	3.849	93	1307286	68.53	ppb	94
11) bis(2-Chloroethyl)ether	4.063	93	922102	72.35	ppb	99
12) 2-Chlorophenol	4.015	128	923462	71.55	ppb	100
13) Decane	4.261	43	741591	69.76	ppb	98
14) 1,3-Dichlorobenzene	4.235	146	982945	73.07	ppb	100
15) 1,4-Dichlorobenzene	4.352	146	1012999	74.64	ppb	99
16) Benzyl alcohol	4.802	108	692528	77.99	ppb	99
17) 1,2-Dichlorobenzene	4.695	146	940943	74.09	ppb	98
18) Acetophenone	5.278	105	1261723	74.23	ppb	98
19) 2-Methylphenol	5.197	108	899677	75.41	ppb	99
20) 2,2'-oxybis(1-Chloropr...	5.122	45	1189577	74.45	ppb	97
21) 3&4-Methylphenol	5.524	108	918224	73.86	ppb	99
22) n-Nitroso-di-n-propyla...	5.438	70	676687	77.47	ppb	97
23) Hexachloroethane	5.288	201	313245	78.55	ppb	93
26) Nitrobenzene	5.566	123	505132	75.22	ppb	92
27) Quinoline	7.797	129	1723747	78.41	ppb	99
28) Isophorone	6.117	82	1742614	76.22	ppb	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31876.D
Acq On : 29 Sep 2010 1:09 pm
Operator : olgaa
Sample : ic1369-80
Misc : op45801,e2m1369
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 29 13:55:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 13:54:14 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2-Nitrophenol	6.240	139	505389	77.36	ppb		97
30) 2,4-Dimethylphenol	6.609	107	924049	79.32	ppb		99
31) Benzoic acid	7.251	105	872150	94.15	ppb		98
32) bis(2-Chloroethoxy)met...	6.775	93	1068423	74.29	ppb		99
33) 2,4-Dichlorophenol	6.802	162	773044	77.36	ppb		99
34) 2,6-Dichlorophenol	7.294	162	759456	76.14	ppb		96
35) 1,3,5-Trichlorobenzene	6.224	180	742833	74.11	ppb		99
36) 1,2,4-Trichlorobenzene	6.904	180	744524	75.00	ppb		99
37) 1,2,3-Trichlorobenzene	7.412	180	703499	75.03	ppb		100
38) Naphthalene	6.984	128	2652911	72.65	ppb		99
39) 4-Chloroaniline	7.326	127	1138198	70.41	ppb		99
40) 2,3-Dichloroaniline	9.316	161	879101	77.20	ppb		99
41) Caprolactam	8.262	55	446306	85.03	ppb		98
42) Hexachlorobutadiene	7.508	225	406932	76.43	ppb		100
43) 4-Chloro-3-methylphenol	8.653	107	854558	79.30	ppb	#	60
44) 2-Methylnaphthalene	8.540	142	1799088	74.05	ppb		100
45) 1-Methylnaphthalene	8.759	142	1686413	74.66	ppb		99
46) Dimethylnaphthalene	9.984	156	1426592	75.41	ppb		98
48) Hexachlorocyclopentadiene	9.113	237	772577	175.19	ppb		98
49) 2,4,6-Trichlorophenol	9.364	196	530649	78.34	ppb		99
50) 2,4,5-Trichlorophenol	9.449	196	555343	77.96	ppb		98
52) 2-Chloronaphthalene	9.599	162	1622978	73.75	ppb		98
53) Biphenyl	9.690	154	1955168	73.01	ppb		99
54) 2-Nitroaniline	10.065	65	537846	79.38	ppb		99
55) Dimethylphthalate	10.722	163	1825340	76.93	ppb		100
56) Acenaphthylene	10.509	152	2513246	75.99	ppb		99
57) 2,6-Dinitrotoluene	10.792	89	244273	79.11	ppb		95
58) 3-Nitroaniline	11.038	138	554246	80.63	ppb		100
59) Acenaphthene	10.952	153	1522716	73.05	ppb		99
60) 2,4-Dinitrophenol	11.263	184	496087	212.90	ppb		99
61) 4-Nitrophenol	11.701	109	303198	86.34	ppb		96
62) Dibenzofuran	11.338	168	2272205	73.74	ppb		100
63) 2,4-Dinitrotoluene	11.632	165	588133	84.10	ppb		100
64) 2,3,4,6-Tetrachlorophenol	11.819	232	466618	81.81	ppb		96
65) Diethylphthalate	12.407	149	1797796	77.64	ppb		100
66) Fluorene	12.102	166	1833455	75.12	ppb		98
67) 4-Chlorophenyl-phenyle...	12.279	204	828819	75.63	ppb		96
68) 4-Nitroaniline	12.488	138	547359	81.00	ppb		100
70) 4,6-Dinitro-2-methylph...	12.536	198	371053	98.79	ppb		92
71) n-Nitrosodiphenylamine	12.621	169	1261202	71.39	ppb		100
72) 1,2-Diphenylhydrazine	12.611	77	1843595	70.59	ppb		98
74) 4-Bromophenyl-phenylether	13.349	248	469711	80.19	ppb		94
75) Hexachlorobenzene	13.525	284	544189	79.23	ppb		94
76) Pentachlorophenol	14.039	266	781583	174.85	ppb		99
77) Phenanthrene	14.220	178	2457779	73.06	ppb		99
78) Anthracene	14.322	178	2496709	74.67	ppb		99
79) Carbazole	14.841	167	2467251	75.48	ppb		99
80) Di-n-butylphthalate	16.157	149	2871582	79.91	ppb		100
81) Fluoranthene	16.905	202	2611097	78.08	ppb		100
82) Octadecane	14.590	57	1099111	75.68	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31876.D
Acq On : 29 Sep 2010 1:09 pm
Operator : olgaa
Sample : ic1369-80
Misc : op45801,e2m1369
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 29 13:55:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 13:54:14 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Pyrene	17.355	202	2752456	78.93	ppb	99
86) Butylbenzylphthalate	19.387	149	1256411	83.20	ppb	98
87) Butyl stearate	19.660	56	732079	74.59	ppb	95
88) Benzo[a]anthracene	19.890	228	2502147	78.62	ppb	100
89) 3,3'-Dichlorobenzidine	20.034	252	1031843	86.53	ppb	99
90) Chrysene	19.960	228	2420095	77.15	ppb	100
91) bis(2-Ethylhexyl)phtha...	20.478	149	1670014	83.43	ppb	97
93) Di-n-octylphthalate	21.286	149	2860375	84.06	ppb	99
94) Benzo[b]fluoranthene	21.393	252	2842549m	84.49	ppb	
95) Benzo[k]fluoranthene	21.420	252	2403536m	72.87	ppb	
96) Benzo[a]pyrene	21.730	252	2466592	80.55	ppb	99
97) Indeno[1,2,3-cd]pyrene	22.853	276	2237482m	87.05	ppb	
98) Dibenz(a,h)acridine	22.677	279	2026807	85.78	ppb	100
99) Dibenz[a,h]anthracene	22.896	278	2291211	85.21	ppb	96
100) 7,12-Dimethylbenz(a)an...	21.436	256	1133186	82.50	ppb	96
101) Benzo[g,h,i]perylene	23.072	276	2369470	81.71	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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Acq On : 29 Sep 2010 1:09 pm
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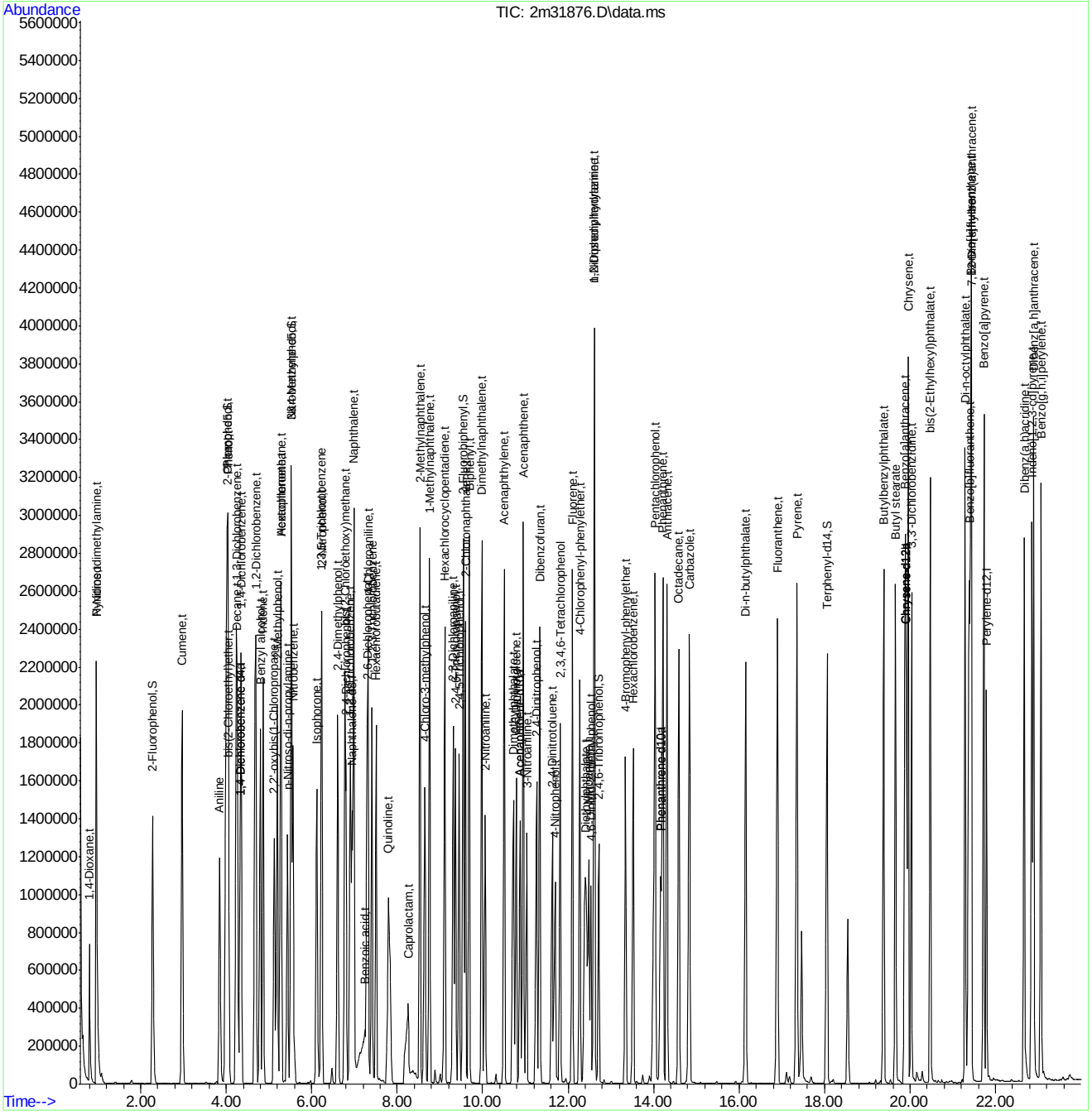
QLast Update : Wed Sep 29 13:54:14 2010
Response via : Initial Calibration



Manual Integration Approval Summary

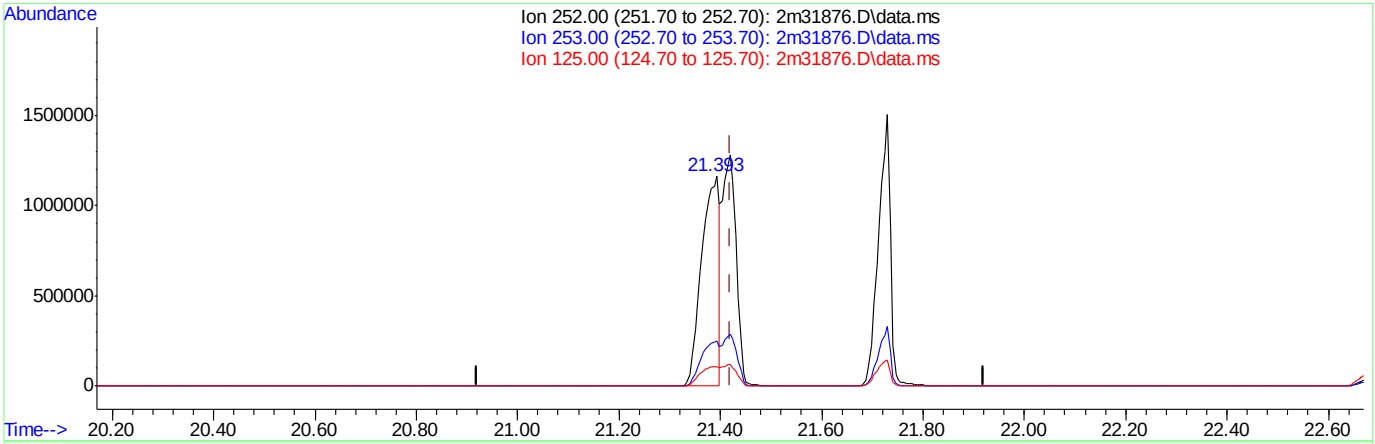
Sample Number: E2M1369-IC1369
Lab FileID: 2M31876.D
Injection Time: 09/29/10 13:09
Method: SW846 8270C
Analyst approved: 09/29/10 15:34 Olga Azarihn
Supervisor approved: 09/29/10 18:06 Kristi Schollenberger

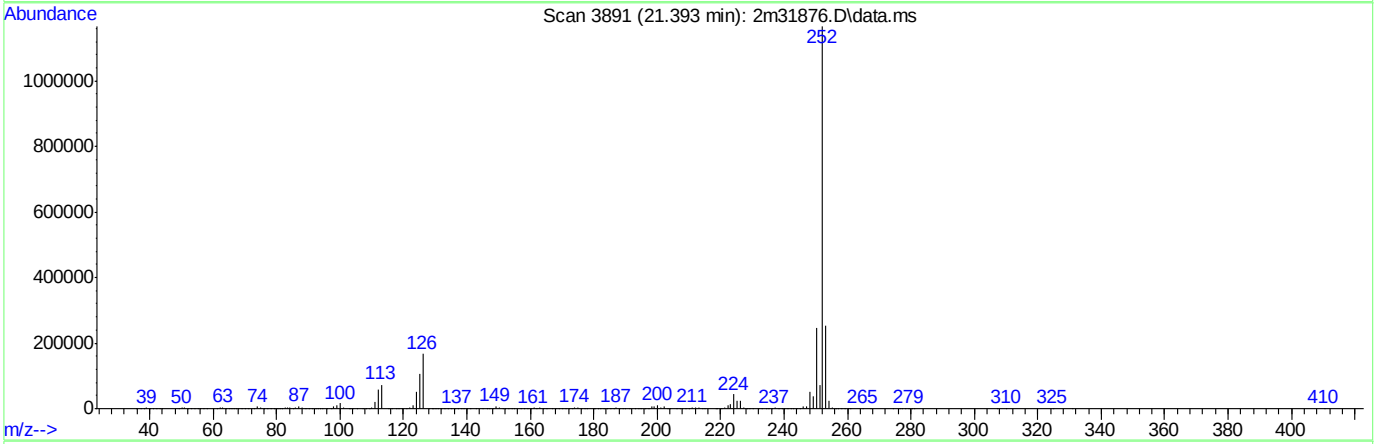
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		21.39	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.42	Overlapping peak
Indeno(1,2,3-cd)pyrene	193-39-5		22.85	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31876.D
Acq On : 29 Sep 2010 1:09 pm
Operator : olgaa
Sample : ic1369-80
Misc : op45801,e2m1369
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 29 13:55:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 13:54:14 2010
Response via : Initial Calibration





TIC: 2m31876.D\data.ms

(94) Benzo[b]fluoranthene (t)

21.393min (-0.027) 84.49ppb m

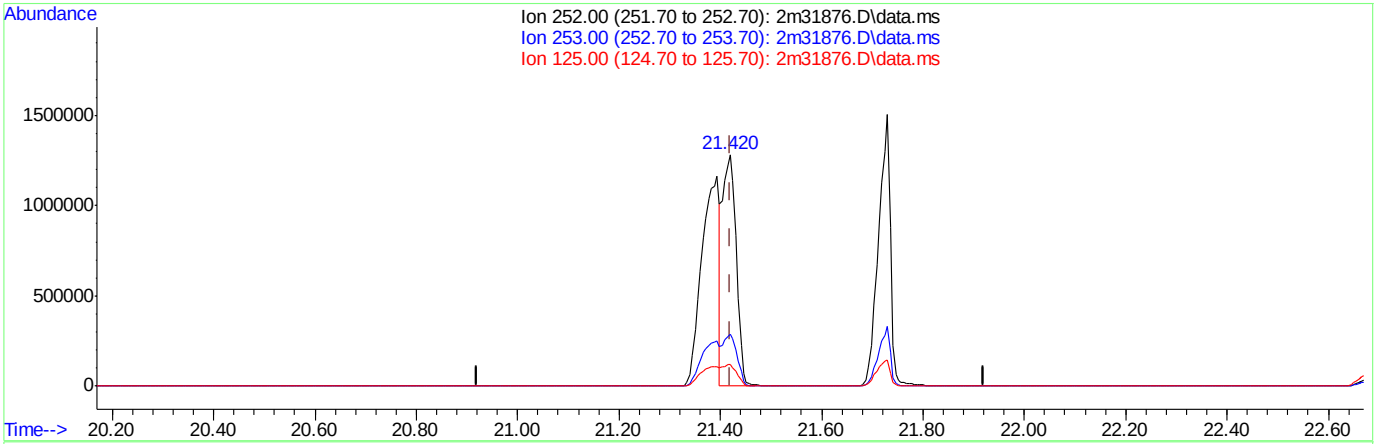
response 2842549

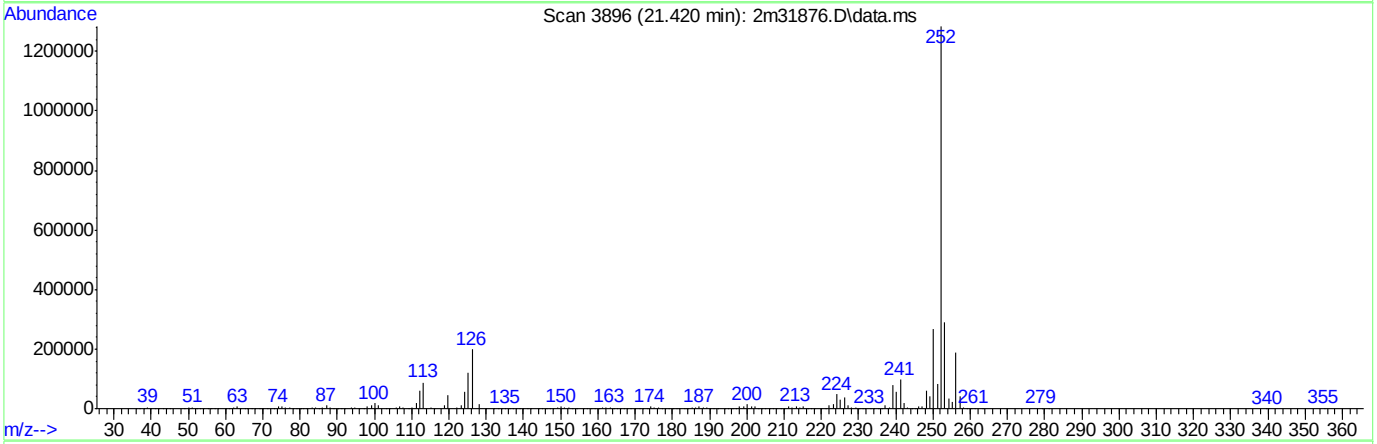
Ion	Exp%	Act%
252.00	100	100
253.00	22.20	21.64
125.00	10.60	9.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31876.D
Acq On : 29 Sep 2010 1:09 pm
Operator : olgaa
Sample : ic1369-80
Misc : op45801,e2m1369
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 29 13:55:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 13:54:14 2010
Response via : Initial Calibration





TIC: 2m31876.D\data.ms

(95) Benzo[k]fluoranthene (t)

21.420min (0.000) 72.87ppb m

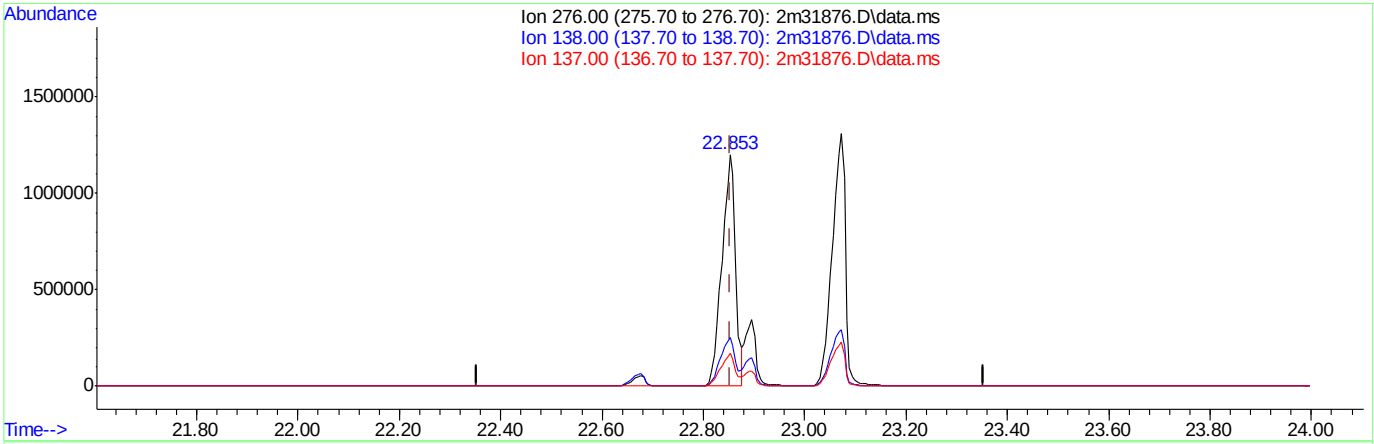
response 2403536

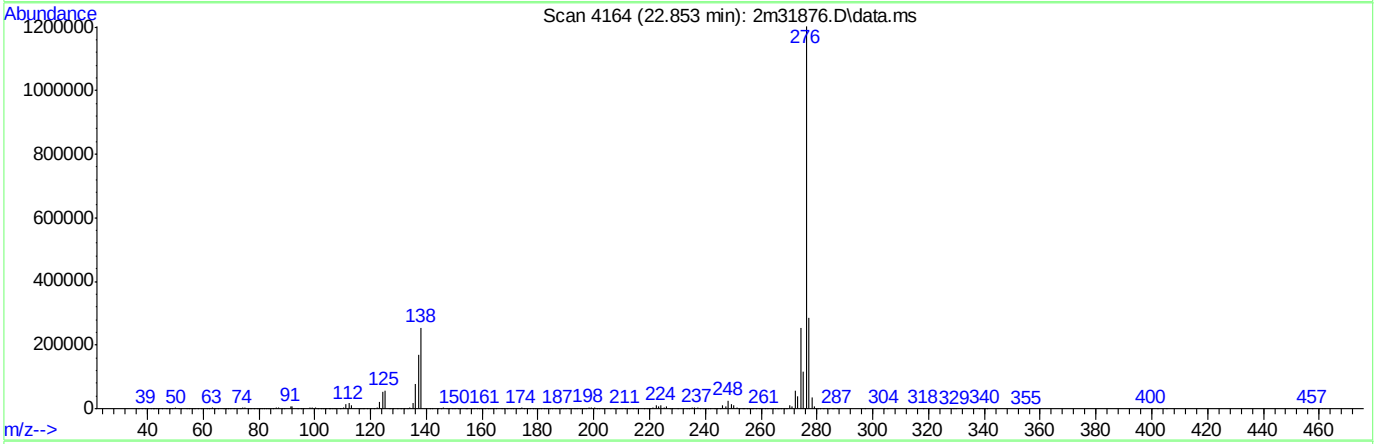
Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.53
125.00	10.00	9.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31876.D
Acq On : 29 Sep 2010 1:09 pm
Operator : olgaa
Sample : ic1369-80
Misc : op45801,e2m1369
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 29 13:55:20 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 13:54:14 2010
Response via : Initial Calibration





TIC: 2m31876.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

22.853min (0.000) 87.05ppb m

response 2237482

Ion	Exp%	Act%
276.00	100	100
138.00	21.90	21.13
137.00	14.90	14.12
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 09/29/10 18:06

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31877.D
Acq On : 29 Sep 2010 1:40 pm
Operator : olgaa
Sample : ic1369-1
Misc : op45801,e2m1369
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 29 14:10:09 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 14:08:11 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.309	152	342858	40.00	ppb		0.00
24) Naphthalene-d8	6.925	136	1285091	40.00	ppb		0.00
47) Acenaphthene-d10	10.861	164	706943	40.00	ppb		0.00
69) Phenanthrene-d10	14.146	188	1046990	40.00	ppb		0.00
83) Chrysene-d12	19.895	240	1098501	40.00	ppb		0.00
92) Perylene-d12	21.778	264	1035040	40.00	ppb		0.00
102) 1,4-Dichlorobenzene-d4a	4.309	152	342858	40.00	ppb		0.00
104) Acenaphthene-d10a	10.861	164	706943	40.00	ppb		0.00
106) Chrysene-d12a	19.895	240	1098501	40.00	ppb		0.00
108) Phenanthrene-d10a	14.146	188	1046990	40.00	ppb		0.00
110) Chrysene-d12b	19.895	240	1098501	40.00	ppb		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	2.261	112	13024	0.98	ppb		0.00
Spiked Amount 50.000			Recovery =	1.96%			
8) Phenol-d5	3.983	99	17987	1.09	ppb		0.00
Spiked Amount 50.000			Recovery =	2.18%			
25) Nitrobenzene-d5	5.497	82	14114	1.07	ppb		0.00
Spiked Amount 50.000			Recovery =	2.14%			
51) 2-Fluorobiphenyl	9.514	172	26655	1.11	ppb		0.00
Spiked Amount 50.000			Recovery =	2.22%			
73) 2,4,6-Tribromophenol	12.685	330	2665	0.81	ppb		0.00
Spiked Amount 50.000			Recovery =	1.62%			
85) Terphenyl-d14	18.034	244	17432	0.89	ppb		0.00
Spiked Amount 50.000			Recovery =	1.78%			
Target Compounds							Qvalue
2) 1,4-Dioxane	0.806	88	6334	1.20	ppb		90
3) Pyridine	0.988	79	18335	1.30	ppb		95
4) N-Nitrosodimethylamine	0.966	74	8508	1.05	ppb		81
6) Indene	4.850	116	19349	1.04	ppb		97
7) Cumene	2.962	105	26305	1.03	ppb		95
9) Phenol	3.999	94	18321	1.07	ppb		93
10) Aniline	3.833	93	22339	1.16	ppb		100
11) bis(2-Chloroethyl)ether	4.026	93	14548	1.12	ppb		98
12) 2-Chlorophenol	3.999	128	14054	1.07	ppb		98
13) Decane	4.251	43	11220	1.04	ppb	#	68
14) 1,3-Dichlorobenzene	4.218	146	14483	1.06	ppb		98
15) 1,4-Dichlorobenzene	4.336	146	14973	1.08	ppb		98
16) Benzyl alcohol	4.764	108	9347	1.02	ppb		96
17) 1,2-Dichlorobenzene	4.684	146	13635	1.05	ppb		95
18) Acetophenone	5.235	105	18484	1.07	ppb		95
19) 2-Methylphenol	5.154	108	12568	1.03	ppb		97
20) 2,2'-oxybis(1-Chloropr...	5.112	45	17299	1.06	ppb		95
21) 3&4-Methylphenol	5.481	108	13089	1.03	ppb		99
22) n-Nitroso-di-n-propyla...	5.390	70	8812	0.98	ppb		94
23) Hexachloroethane	5.283	201	4206	1.03	ppb		87
26) Nitrobenzene	5.529	123	6488	0.98	ppb		90
27) Quinoline	7.738	129	23651	1.08	ppb		95
28) Isophorone	6.080	82	22631	1.00	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31877.D
Acq On : 29 Sep 2010 1:40 pm
Operator : olgaa
Sample : ic1369-1
Misc : op45801,e2m1369
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 29 14:10:09 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 14:08:11 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 2-Nitrophenol	6.219	139	5872	0.91	ppb	81
30) 2,4-Dimethylphenol	6.572	107	11153	0.96	ppb	96
31) Benzoic acid	6.845	105	5647	0.60	ppb	99
32) bis(2-Chloroethoxy)met...	6.738	93	15002	1.06	ppb	97
33) 2,4-Dichlorophenol	6.764	162	9229	0.93	ppb	96
34) 2,6-Dichlorophenol	7.267	162	9578	0.97	ppb	91
35) 1,3,5-Trichlorobenzene	6.208	180	11041	1.12	ppb	99
36) 1,2,4-Trichlorobenzene	6.882	180	10499	1.07	ppb	98
37) 1,2,3-Trichlorobenzene	7.390	180	10041	1.08	ppb	94
38) Naphthalene	6.957	128	39806	1.11	ppb	98
39) 4-Chloroaniline	7.294	127	16784	1.06	ppb	97
40) 2,3-Dichloroaniline	9.289	161	11120	0.98	ppb	99
41) Caprolactam	7.968	55	4964	0.94	ppb	79
42) Hexachlorobutadiene	7.497	225	5854	1.11	ppb	92
43) 4-Chloro-3-methylphenol	8.583	107	10003	0.93	ppb	86
44) 2-Methylnaphthalene	8.513	142	24453	1.02	ppb	93
45) 1-Methylnaphthalene	8.738	142	23071	1.03	ppb	98
46) Dimethylnaphthalene	9.963	156	18502	0.99	ppb	90
48) Hexachlorocyclopentadiene	9.102	237	5842	1.37	ppb	95
49) 2,4,6-Trichlorophenol	9.332	196	5870	0.91	ppb	99
50) 2,4,5-Trichlorophenol	9.396	196	6431	0.95	ppb	99
52) 2-Chloronaphthalene	9.572	162	22636	1.09	ppb	97
53) Biphenyl	9.663	154	27732	1.10	ppb	98
54) 2-Nitroaniline	10.022	65	5855	0.91	ppb	85
55) Dimethylphthalate	10.680	163	23265	1.03	ppb	98
56) Acenaphthylene	10.482	152	29477	0.94	ppb	100
57) 2,6-Dinitrotoluene	10.744	89	2425	0.82	ppb	97
58) 3-Nitroaniline	10.990	138	5954	0.91	ppb	92
59) Acenaphthene	10.920	153	21869	1.11	ppb	99
60) 2,4-Dinitrophenol	11.209	184	1366	0.59	ppb	89
61) 4-Nitrophenol	11.664	109	2042	0.60	ppb	88
62) Dibenzofuran	11.300	168	30890	1.06	ppb	97
63) 2,4-Dinitrotoluene	11.584	165	5020	0.75	ppb	80
64) 2,3,4,6-Tetrachlorophenol	11.792	232	4683	0.86	ppb	92
65) Diethylphthalate	12.338	149	22030	1.00	ppb	96
66) Fluorene	12.070	166	23027	1.00	ppb	98
67) 4-Chlorophenyl-phenyle...	12.257	204	10368	1.00	ppb	96
68) 4-Nitroaniline	12.380	138	5288	0.82	ppb	91
70) 4,6-Dinitro-2-methylph...	12.466	198	1621	0.44	ppb	80
71) n-Nitrosodiphenylamine	12.578	169	17015	1.02	ppb	98
72) 1,2-Diphenylhydrazine	12.578	77	25230	1.03	ppb	97
74) 4-Bromophenyl-phenylether	13.322	248	5614	1.00	ppb	88
75) Hexachlorobenzene	13.493	284	6837	1.04	ppb	91
76) Pentachlorophenol	13.996	266	6220	1.43	ppb	93
77) Phenanthrene	14.183	178	35127	1.10	ppb	96
78) Anthracene	14.279	178	32046	1.01	ppb	96
79) Carbazole	14.809	167	31417	1.01	ppb	98
80) Di-n-butylphthalate	16.135	149	25465	0.74	ppb	97
81) Fluoranthene	16.873	202	27882	0.87	ppb	98
82) Octadecane	14.573	57	11492	0.83	ppb	92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31877.D
Acq On : 29 Sep 2010 1:40 pm
Operator : olgaa
Sample : ic1369-1
Misc : op45801,e2m1369
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 29 14:10:09 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 14:08:11 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
84) Pyrene	17.323	202	30220	0.90 ppb	99
86) Butylbenzylphthalate	19.371	149	9297	0.63 ppb	91
87) Butyl stearate	19.649	56	9479	1.01 ppb	94
88) Benzo[a]anthracene	19.869	228	30332	0.99 ppb	99
89) 3,3'-Dichlorobenzidine	20.018	252	8348	0.72 ppb	96
90) Chrysene	19.922	228	31069	1.03 ppb	99
91) bis(2-Ethylhexyl)phtha...	20.473	149	11107	0.57 ppb	99
93) Di-n-octylphthalate	21.281	149	15392	0.47 ppb	96
94) Benzo[b]fluoranthene	21.350	252	20516m	0.64 ppb	
95) Benzo[k]fluoranthene	21.377	252	36026m	1.16 ppb	
96) Benzo[a]pyrene	21.698	252	21186	0.73 ppb	97
97) Indeno[1,2,3-cd]pyrene	22.821	276	19131m	0.77 ppb	
98) Dibenz(a,h)acridine	22.655	279	20526	0.91 ppb	99
99) Dibenz[a,h]anthracene	22.869	278	21199	0.82 ppb	98
100) 7,12-Dimethylbenz(a)an...	21.404	256	10307	0.79 ppb	93
101) Benzo[g,h,i]perylene	23.030	276	26822	0.97 ppb	90

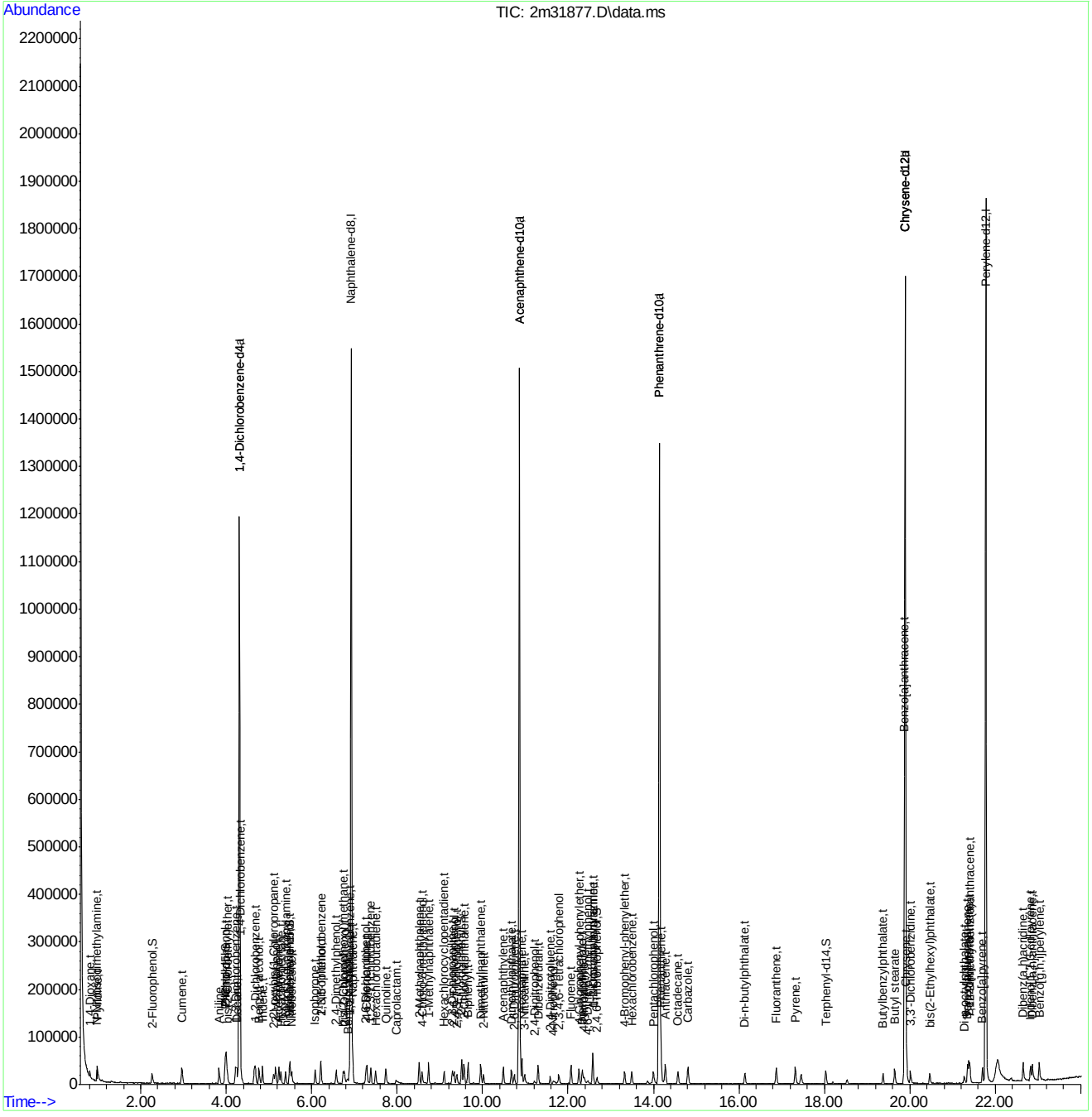
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8.6.9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31877.D
Acq On : 29 Sep 2010 1:40 pm
Operator : olgaa
Sample : ic1369-1
Misc : op45801,e2m1369
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 29 14:10:09 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 14:08:11 2010
Response via : Initial Calibration



Manual Integration Approval Summary

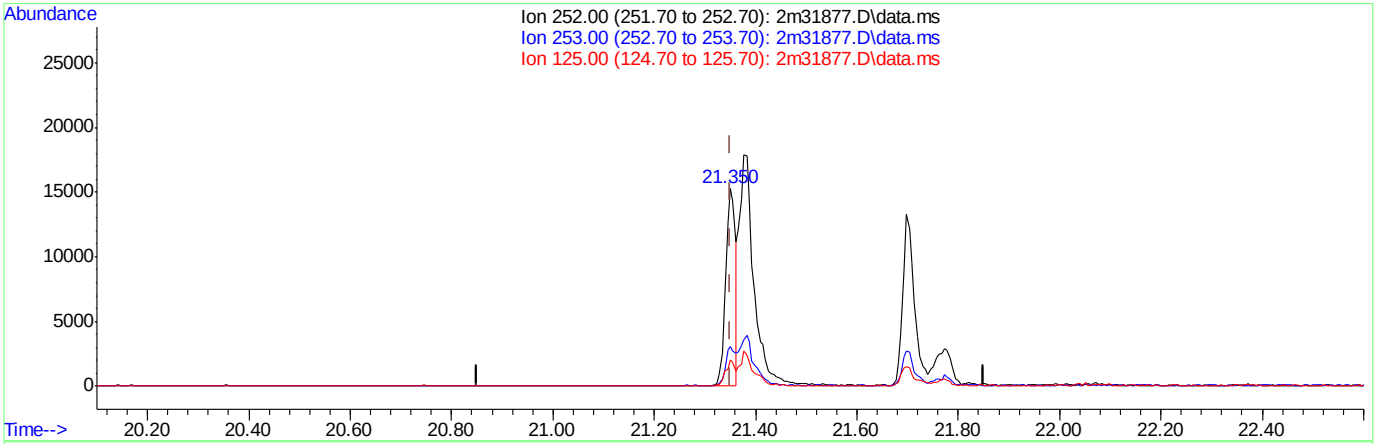
Sample Number: E2M1369-IC1369 **Method:** SW846 8270C
Lab FileID: 2M31877.D **Analyst approved:** 09/29/10 15:34 Olga Azarihn
Injection Time: 09/29/10 13:40 **Supervisor approved:** 09/29/10 18:06 Kristi Schollenberger

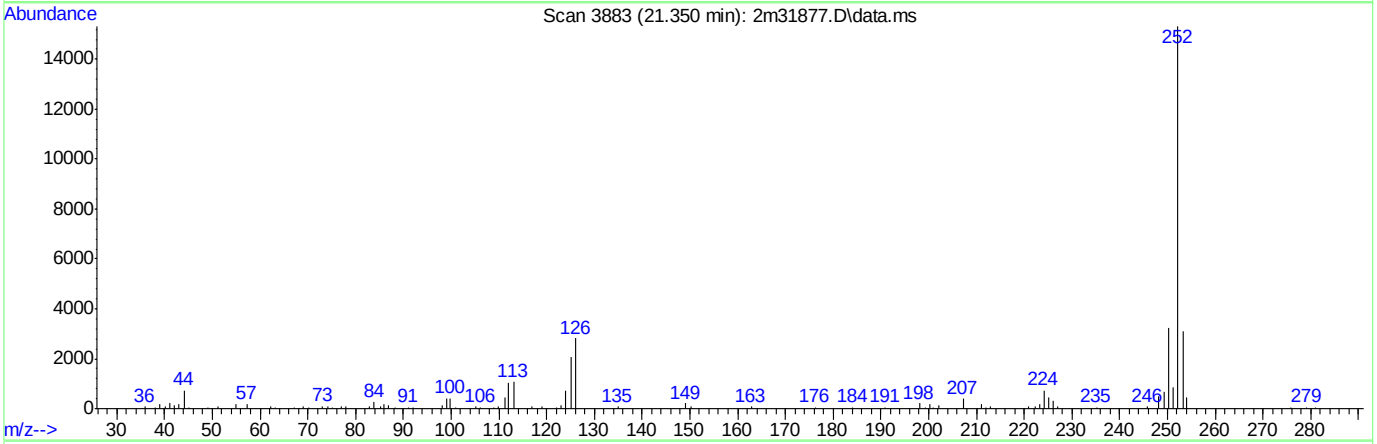
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		21.35	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.38	Overlapping peak
Indeno(1,2,3-cd)pyrene	193-39-5		22.82	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31877.D
Acq On : 29 Sep 2010 1:40 pm
Operator : olgaa
Sample : ic1369-1
Misc : op45801,e2m1369
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 29 14:10:09 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 14:08:11 2010
Response via : Initial Calibration





TIC: 2m31877.D\data.ms

(94) Benzo[b]fluoranthene (t)

21.350min (+0.000) 0.64ppb m

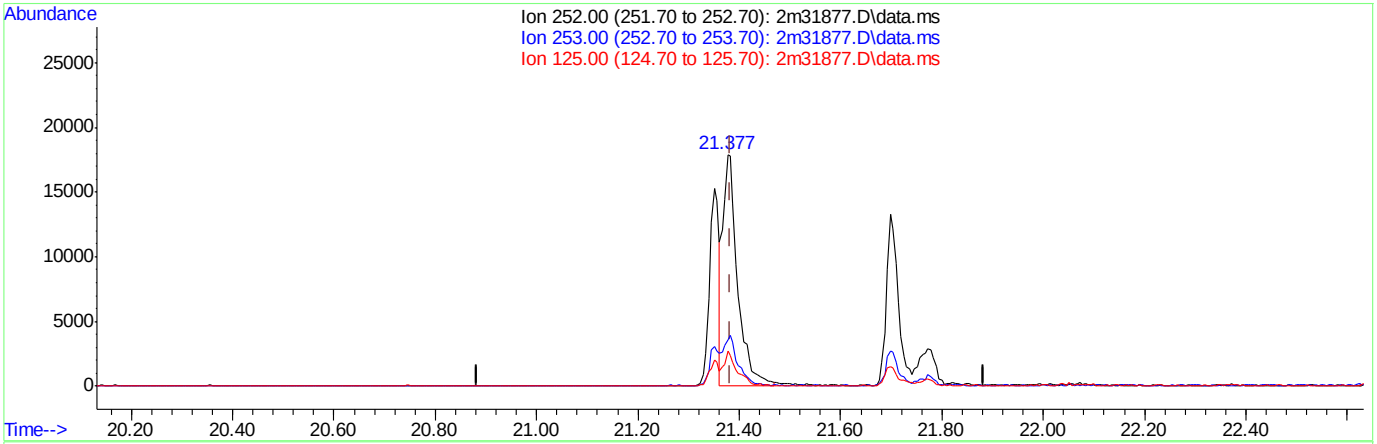
response 20516

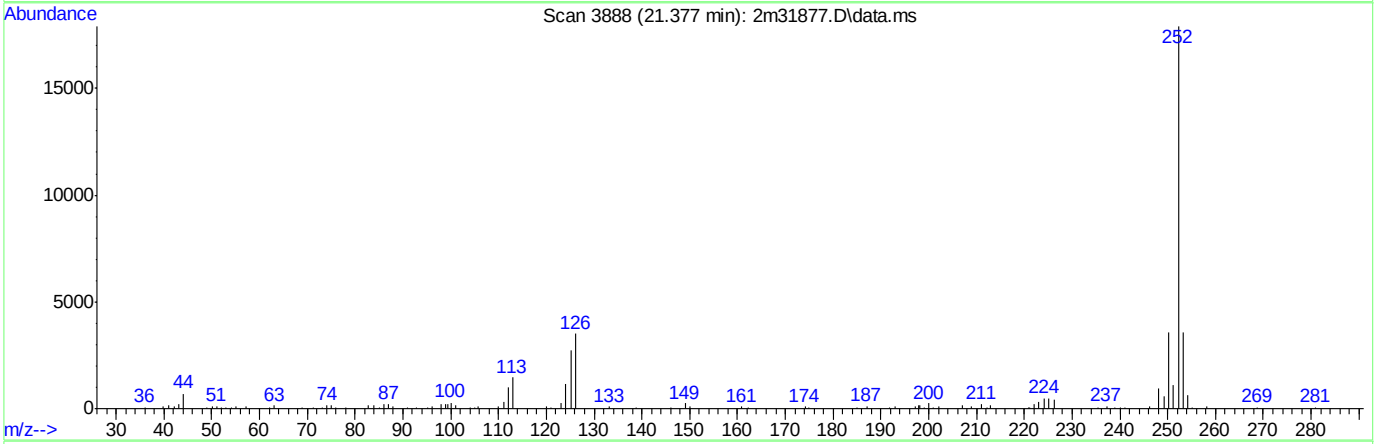
Ion	Exp%	Act%
252.00	100	100
253.00	22.20	20.11
125.00	10.60	13.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31877.D
Acq On : 29 Sep 2010 1:40 pm
Operator : olgaa
Sample : ic1369-1
Misc : op45801,e2m1369
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 29 14:10:09 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 14:08:11 2010
Response via : Initial Calibration





TIC: 2m31877.D\data.ms

(95) Benzo[k]fluoranthene (t)

21.377min (-0.005) 1.16ppb m

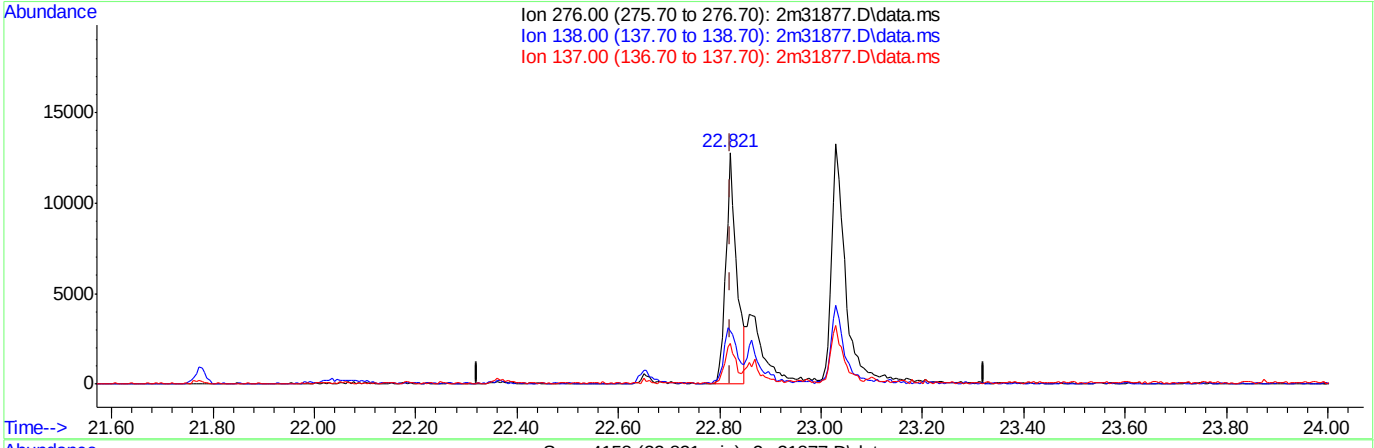
response 36026

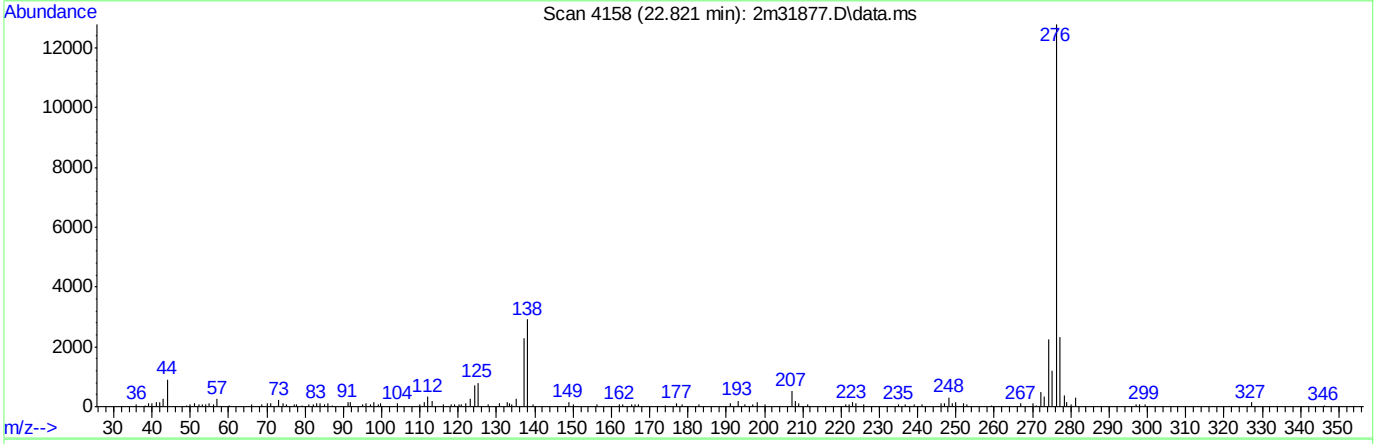
Ion	Exp%	Act%
252.00	100	100
253.00	21.80	19.98
125.00	10.00	15.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31877.D
Acq On : 29 Sep 2010 1:40 pm
Operator : olgaa
Sample : ic1369-1
Misc : op45801,e2m1369
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 29 14:10:09 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 14:08:11 2010
Response via : Initial Calibration





TIC: 2m31877.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

22.821min (+0.000) 0.77ppb m

response 19131

Ion	Exp%	Act%
276.00	100	100
138.00	21.90	22.77
137.00	14.90	17.79
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31870.D
Acq On : 29 Sep 2010 2:23 pm
Operator : olgaa
Sample : icc1369-50
Misc : op45801,e2m1369,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:11:07 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:10:43 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.315	152	273051	40.00	ppb	0.00
24) Naphthalene-d8	6.936	136	1052960	40.00	ppb	0.00
47) Acenaphthene-d10	10.872	164	596741	40.00	ppb	0.00
69) Phenanthrene-d10	14.151	188	879382	40.00	ppb	0.00
83) Chrysene-d12	19.906	240	930210	40.00	ppb	0.00
92) Perylene-d12	21.783	264	881185	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.315	152	273051	40.00	ppb	0.00
104) Acenaphthene-d10a	10.872	164	596741	40.00	ppb	0.00
106) Chrysene-d12a	19.906	240	930210	40.00	ppb	0.00
108) Phenanthrene-d10a	14.151	188	879382	40.00	ppb	0.00
110) Chrysene-d12b	19.906	240	930210	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.266	112	501361	47.62	ppb	0.00
Spiked Amount 50.000			Recovery = 95.24%			
8) Phenol-d5	4.004	99	617134	46.35	ppb	0.00
Spiked Amount 50.000			Recovery = 92.70%			
25) Nitrobenzene-d5	5.513	82	505334	46.43	ppb	0.00
Spiked Amount 50.000			Recovery = 92.86%			
51) 2-Fluorobiphenyl	9.530	172	959166	46.72	ppb	0.00
Spiked Amount 50.000			Recovery = 93.44%			
73) 2,4,6-Tribromophenol	12.701	330	138951	51.72	ppb	0.00
Spiked Amount 50.000			Recovery = 103.44%			
85) Terphenyl-d14	18.045	244	816801	50.03	ppb	0.00
Spiked Amount 50.000			Recovery = 100.06%			
Target Compounds						Qvalue
2) 1,4-Dioxane	0.801	88	192131	44.72	ppb	98
3) Pyridine	0.961	79	522660	44.87	ppb	100
4) N-Nitrosodimethylamine	0.961	74	299494	46.20	ppb	98
6) Indene	4.860	116	704345	47.39	ppb	99
7) Cumene	2.967	105	961402	47.16	ppb	100
9) Phenol	4.026	94	636763	46.17	ppb	99
10) Aniline	3.839	93	750262	47.93	ppb	99
11) bis(2-Chloroethyl)ether	4.042	93	489907	46.73	ppb	98
12) 2-Chlorophenol	4.004	128	487314	46.26	ppb	99
13) Decane	4.256	43	406285	47.15	ppb	98
14) 1,3-Dichlorobenzene	4.229	146	516014	46.95	ppb	99
15) 1,4-Dichlorobenzene	4.347	146	521242	46.74	ppb	99
16) Benzyl alcohol	4.780	108	349464	47.94	ppb	98
17) 1,2-Dichlorobenzene	4.689	146	486301	46.81	ppb	98
18) Acetophenone	5.256	105	661140	47.46	ppb	98
19) 2-Methylphenol	5.176	108	461639	47.32	ppb	98
20) 2,2'-oxybis(1-Chloropr...	5.117	45	610300	46.62	ppb	99
21) 3&4-Methylphenol	5.502	108	483092	47.64	ppb	98
22) n-Nitroso-di-n-propyla...	5.411	70	343680	48.22	ppb	99
23) Hexachloroethane	5.288	201	160279	48.90	ppb	95
26) Nitrobenzene	5.550	123	259918	47.91	ppb	99
27) Quinoline	7.765	129	853404	47.16	ppb	100
28) Isophorone	6.090	82	894732	48.22	ppb	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31870.D
Acq On : 29 Sep 2010 2:23 pm
Operator : olgaa
Sample : icc1369-50
Misc : op45801,e2m1369,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:11:07 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:10:43 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2-Nitrophenol	6.229	139	257339	49.01	ppb		97
30) 2,4-Dimethylphenol	6.588	107	468705	49.53	ppb		99
31) Benzoic acid	7.128	105	419834	51.41	ppb		93
32) bis(2-Chloroethoxy)met...	6.759	93	553919	47.28	ppb		100
33) 2,4-Dichlorophenol	6.786	162	392468	48.71	ppb		100
34) 2,6-Dichlorophenol	7.283	162	385592	47.82	ppb		96
35) 1,3,5-Trichlorobenzene	6.219	180	379822	46.19	ppb		98
36) 1,2,4-Trichlorobenzene	6.893	180	377795	46.58	ppb		97
37) 1,2,3-Trichlorobenzene	7.401	180	359099	46.80	ppb		99
38) Naphthalene	6.973	128	1380520	46.26	ppb		99
39) 4-Chloroaniline	7.305	127	624704	47.76	ppb		99
40) 2,3-Dichloroaniline	9.305	161	443930	48.04	ppb		98
41) Caprolactam	8.144	55	218813	50.94	ppb		98
42) Hexachlorobutadiene	7.502	225	204530	46.67	ppb		97
43) 4-Chloro-3-methylphenol	8.620	107	422519	48.45	ppb	#	59
44) 2-Methylnaphthalene	8.529	142	936433	47.55	ppb		99
45) 1-Methylnaphthalene	8.749	142	868457	47.30	ppb		98
46) Dimethylnaphthalene	9.974	156	737994	48.20	ppb		98
48) Hexachlorocyclopentadiene	9.107	237	370896	102.88	ppb		98
49) 2,4,6-Trichlorophenol	9.348	196	266259	49.44	ppb		99
50) 2,4,5-Trichlorophenol	9.423	196	277147	48.73	ppb		97
52) 2-Chloronaphthalene	9.583	162	834148	47.00	ppb		98
53) Biphenyl	9.674	154	1016301	47.07	ppb		99
54) 2-Nitroaniline	10.043	65	267432	49.58	ppb		99
55) Dimethylphthalate	10.701	163	916548	47.97	ppb		100
56) Acenaphthylene	10.498	152	1301385	49.51	ppb		99
57) 2,6-Dinitrotoluene	10.765	89	123352	50.73	ppb		97
58) 3-Nitroaniline	11.017	138	274044	49.96	ppb		100
59) Acenaphthene	10.936	153	789831	46.91	ppb		99
60) 2,4-Dinitrophenol	11.236	184	228883	94.27	ppb		98
61) 4-Nitrophenol	11.664	109	145518	50.80	ppb		100
62) Dibenzofuran	11.321	168	1165231	47.05	ppb		100
63) 2,4-Dinitrotoluene	11.605	165	287915	52.33	ppb		94
64) 2,3,4,6-Tetrachlorophenol	11.803	232	231937	51.17	ppb		99
65) Diethylphthalate	12.386	149	879398	47.29	ppb		99
66) Fluorene	12.086	166	937371	48.06	ppb		100
67) 4-Chlorophenyl-phenyle...	12.268	204	416579	47.51	ppb		99
68) 4-Nitroaniline	12.434	138	272246	51.02	ppb		100
70) 4,6-Dinitro-2-methylph...	12.498	198	173566	51.78	ppb		84
71) n-Nitrosodiphenylamine	12.600	169	669983	47.77	ppb		99
72) 1,2-Diphenylhydrazine	12.600	77	982648	47.43	ppb		99
74) 4-Bromophenyl-phenylether	13.338	248	231787	49.19	ppb		98
75) Hexachlorobenzene	13.509	284	265619	47.91	ppb		99
76) Pentachlorophenol	14.012	266	374347	102.78	ppb		99
77) Phenanthrene	14.204	178	1258640	46.51	ppb		100
78) Anthracene	14.301	178	1287827	48.29	ppb		100
79) Carbazole	14.825	167	1255620	48.09	ppb		99
80) Di-n-butylphthalate	16.146	149	1470449	52.60	ppb		100
81) Fluoranthene	16.889	202	1321478	50.10	ppb		99
82) Octadecane	14.584	57	571030	50.33	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31870.D
Acq On : 29 Sep 2010 2:23 pm
Operator : olgaa
Sample : icc1369-50
Misc : op45801,e2m1369,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:11:07 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:10:43 2010
Response via : Initial Calibration

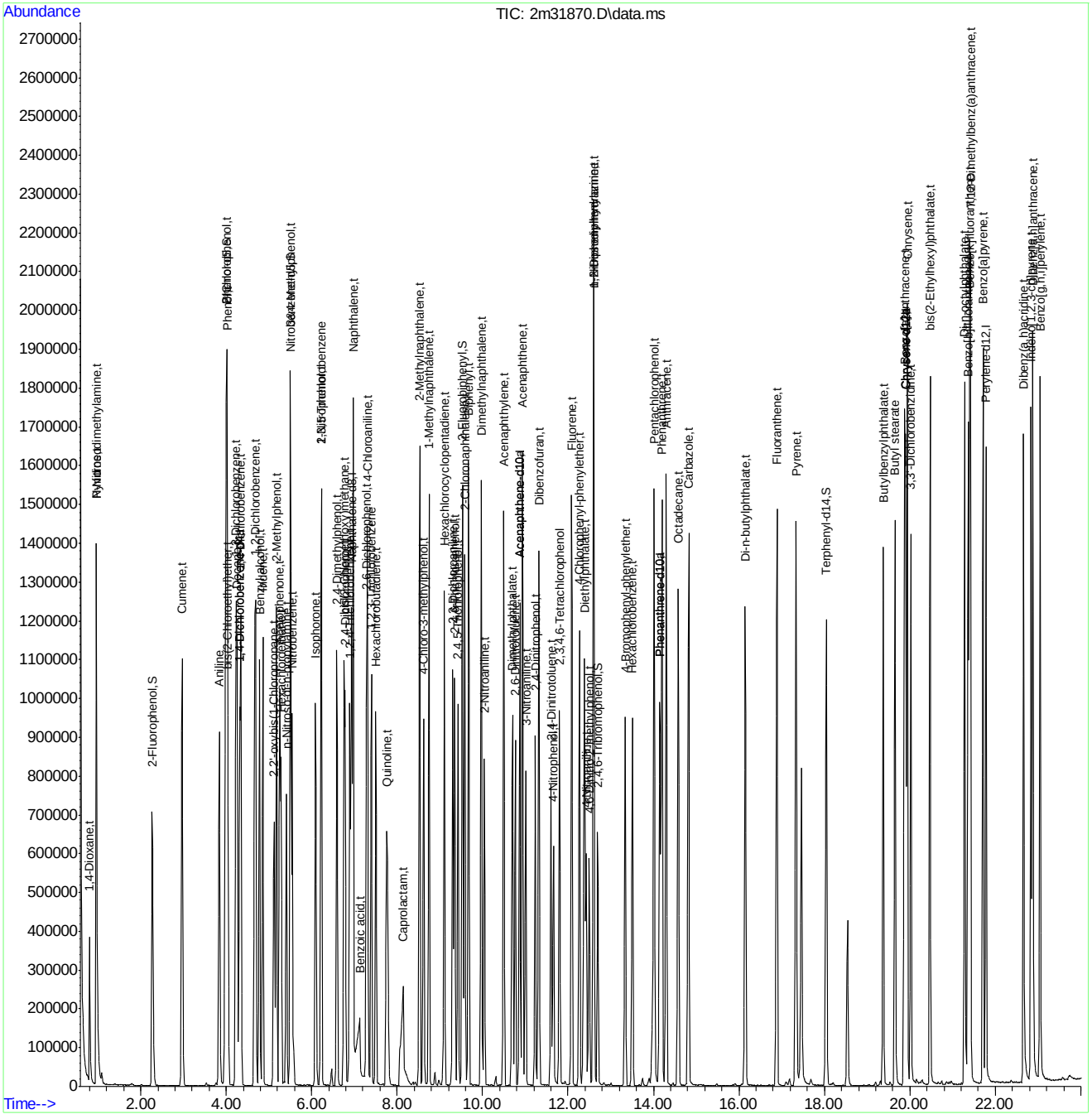
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Pyrene	17.339	202	1384743	49.23	ppb	100
86) Butylbenzylphthalate	19.376	149	638048	51.32	ppb	100
87) Butyl stearate	19.649	56	387824	48.69	ppb	100
88) Benzo[a]anthracene	19.879	228	1263034	48.67	ppb	99
89) 3,3'-Dichlorobenzidine	20.024	252	507910	53.32	ppb	100
90) Chrysene	19.943	228	1215508	47.40	ppb	99
91) bis(2-Ethylhexyl)phtha...	20.473	149	859098	52.11	ppb	99
93) Di-n-octylphthalate	21.281	149	1485429	57.38	ppb	100
94) Benzo[b]fluoranthene	21.371	252	1296313	49.52	ppb	97
95) Benzo[k]fluoranthene	21.398	252	1322604	49.22	ppb	99
96) Benzo[a]pyrene	21.714	252	1241558	51.86	ppb	99
97) Indeno[1,2,3-cd]pyrene	22.837	276	1072368	52.44	ppb	100
98) Dibenz(a,h)acridine	22.666	279	961709	50.42	ppb	99
99) Dibenz[a,h]anthracene	22.880	278	1110091	51.74	ppb	99
100) 7,12-Dimethylbenz(a)an...	21.425	256	568367	52.34	ppb	99
101) Benzo[g,h,i]perylene	23.056	276	1147564	48.97	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31870.D
Acq On : 29 Sep 2010 2:23 pm
Operator : olgaa
Sample : icc1369-50
Misc : op45801,e2m1369,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:11:07 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:10:43 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31871.D
Acq On : 29 Sep 2010 2:55 pm
Operator : olgaa
Sample : ic1369-25
Misc : op45801,e2m1369,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 29 15:20:21 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:11:15 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.310	152	266316	40.00	ppb	0.00
24) Naphthalene-d8	6.930	136	1019669	40.00	ppb	0.00
47) Acenaphthene-d10	10.867	164	568084	40.00	ppb	0.00
69) Phenanthrene-d10	14.146	188	838818	40.00	ppb	0.00
83) Chrysene-d12	19.895	240	878567	40.00	ppb	-0.01
92) Perylene-d12	21.778	264	821217	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.310	152	266316	40.00	ppb	0.00
104) Acenaphthene-d10a	10.867	164	568084	40.00	ppb	0.00
106) Chrysene-d12a	19.895	240	878567	40.00	ppb	-0.01
108) Phenanthrene-d10a	14.146	188	838818	40.00	ppb	0.00
110) Chrysene-d12b	19.895	240	878567	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.266	112	267893	26.40	ppb	0.00
Spiked Amount 50.000			Recovery =	52.80%		
8) Phenol-d5	3.994	99	335113	26.04	ppb	-0.01
Spiked Amount 50.000			Recovery =	52.08%		
25) Nitrobenzene-d5	5.502	82	272104	26.10	ppb	-0.01
Spiked Amount 50.000			Recovery =	52.20%		
51) 2-Fluorobiphenyl	9.524	172	511229	26.37	ppb	0.00
Spiked Amount 50.000			Recovery =	52.74%		
73) 2,4,6-Tribromophenol	12.691	330	69136	27.13	ppb	-0.01
Spiked Amount 50.000			Recovery =	54.26%		
85) Terphenyl-d14	18.039	244	414946	27.18	ppb	0.00
Spiked Amount 50.000			Recovery =	54.36%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.801	88	105220	25.37	ppb	99
3) Pyridine	0.961	79	277109	24.66	ppb	99
4) N-Nitrosodimethylamine	0.961	74	161207	25.72	ppb	95
6) Indene	4.855	116	373973	26.03	ppb	99
7) Cumene	2.962	105	515984	26.24	ppb	99
9) Phenol	4.015	94	349784	26.23	ppb	99
10) Aniline	3.833	93	395041	26.03	ppb	98
11) bis(2-Chloroethyl)ether	4.031	93	263875	26.04	ppb	100
12) 2-Chlorophenol	3.999	128	267132	26.24	ppb	98
13) Decane	4.251	43	221182	26.60	ppb	96
14) 1,3-Dichlorobenzene	4.224	146	279250	26.30	ppb	99
15) 1,4-Dichlorobenzene	4.342	146	281535	26.14	ppb	100
16) Benzyl alcohol	4.769	108	183346	26.05	ppb	97
17) 1,2-Dichlorobenzene	4.689	146	265970	26.51	ppb	98
18) Acetophenone	5.246	105	352516	26.19	ppb	98
19) 2-Methylphenol	5.165	108	247319	26.22	ppb	98
20) 2,2'-oxybis(1-Chloropr...	5.117	45	325489	25.78	ppb	100
21) 3&4-Methylphenol	5.492	108	260640	26.58	ppb	99
22) n-Nitroso-di-n-propyla...	5.395	70	181056	26.30	ppb	96
23) Hexachloroethane	5.283	201	84830	26.78	ppb	100
26) Nitrobenzene	5.540	123	137220	26.38	ppb	94
27) Quinoline	7.743	129	442917	25.50	ppb	100
28) Isophorone	6.080	82	472386	26.55	ppb	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31871.D
Acq On : 29 Sep 2010 2:55 pm
Operator : olgaa
Sample : ic1369-25
Misc : op45801,e2m1369,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 29 15:20:21 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:11:15 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 2-Nitrophenol	6.224	139	138424	27.56	ppb	98
30) 2,4-Dimethylphenol	6.577	107	241789	26.65	ppb	99
31) Benzoic acid	7.053	105	204416	26.27	ppb	96
32) bis(2-Chloroethoxy)met...	6.748	93	296467	26.39	ppb	99
33) 2,4-Dichlorophenol	6.775	162	209528	27.11	ppb	97
34) 2,6-Dichlorophenol	7.273	162	203257	26.32	ppb	94
35) 1,3,5-Trichlorobenzene	6.214	180	203517	25.77	ppb	99
36) 1,2,4-Trichlorobenzene	6.888	180	201914	25.91	ppb	98
37) 1,2,3-Trichlorobenzene	7.396	180	193114	26.25	ppb	99
38) Naphthalene	6.968	128	746088	26.05	ppb	100
39) 4-Chloroaniline	7.294	127	337037	26.80	ppb	99
40) 2,3-Dichloroaniline	9.300	161	235647	26.57	ppb	98
41) Caprolactam	8.059	55	110789	26.89	ppb	96
42) Hexachlorobutadiene	7.503	225	108783	25.87	ppb	100
43) 4-Chloro-3-methylphenol	8.604	107	222013	26.59	ppb	92
44) 2-Methylnaphthalene	8.524	142	501357	26.54	ppb	99
45) 1-Methylnaphthalene	8.744	142	466845	26.51	ppb	99
46) Dimethylnaphthalene	9.963	156	393827	26.80	ppb	99
48) Hexachlorocyclopentadiene	9.102	237	187740	55.47	ppb	98
49) 2,4,6-Trichlorophenol	9.337	196	140103	27.59	ppb	98
50) 2,4,5-Trichlorophenol	9.407	196	144941	27.05	ppb	98
52) 2-Chloronaphthalene	9.578	162	444008	26.52	ppb	99
53) Biphenyl	9.669	154	541462	26.55	ppb	99
54) 2-Nitroaniline	10.033	65	137757	27.12	ppb	98
55) Dimethylphthalate	10.690	163	481444	26.69	ppb	100
56) Acenaphthylene	10.487	152	683013	27.54	ppb	99
57) 2,6-Dinitrotoluene	10.755	89	64604	28.17	ppb	94
58) 3-Nitroaniline	11.001	138	142717	27.60	ppb	100
59) Acenaphthene	10.931	153	419680	26.43	ppb	99
60) 2,4-Dinitrophenol	11.220	184	108161	50.58	ppb	99
61) 4-Nitrophenol	11.648	109	74306	27.60	ppb	99
62) Dibenzofuran	11.311	168	624516	26.70	ppb	99
63) 2,4-Dinitrotoluene	11.594	165	147203	28.40	ppb	89
64) 2,3,4,6-Tetrachlorophenol	11.792	232	117833	27.50	ppb	98
65) Diethylphthalate	12.359	149	464625	26.50	ppb	99
66) Fluorene	12.081	166	497340	27.03	ppb	99
67) 4-Chlorophenyl-phenyle...	12.263	204	220996	26.70	ppb	99
68) 4-Nitroaniline	12.397	138	140951	27.99	ppb	98
70) 4,6-Dinitro-2-methylph...	12.477	198	85251	27.06	ppb	84
71) n-Nitrosodiphenylamine	12.589	169	358432	26.99	ppb	100
72) 1,2-Diphenylhydrazine	12.589	77	533309	27.24	ppb	100
74) 4-Bromophenyl-phenylether	13.333	248	119351	26.73	ppb	97
75) Hexachlorobenzene	13.504	284	138935	26.45	ppb	98
76) Pentachlorophenol	14.007	266	187800	54.64	ppb	100
77) Phenanthrene	14.194	178	671187	26.22	ppb	100
78) Anthracene	14.290	178	678859	26.91	ppb	99
79) Carbazole	14.814	167	663413	26.89	ppb	99
80) Di-n-butylphthalate	16.141	149	753895	28.56	ppb	100
81) Fluoranthene	16.879	202	684218	27.41	ppb	99
82) Octadecane	14.574	57	303640	28.41	ppb	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31871.D
Acq On : 29 Sep 2010 2:55 pm
Operator : olgaa
Sample : ic1369-25
Misc : op45801,e2m1369,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 29 15:20:21 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:11:15 2010
Response via : Initial Calibration

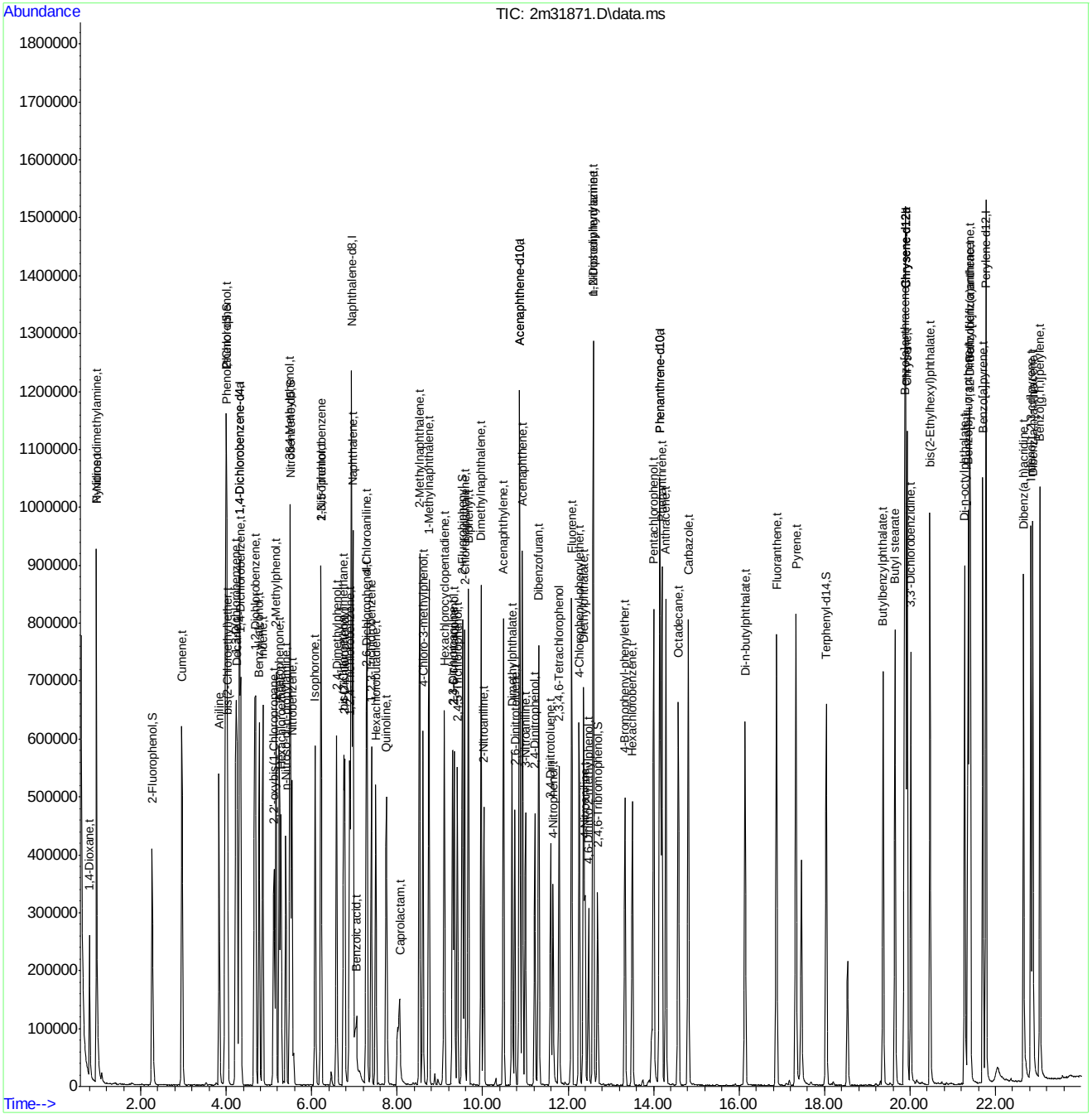
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Pyrene	17.333	202	724289	27.62	ppb	99
86) Butylbenzylphthalate	19.371	149	324238	28.10	ppb	100
87) Butyl stearate	19.644	56	203163	27.48	ppb	96
88) Benzo[a]anthracene	19.874	228	647571	26.68	ppb	100
89) 3,3'-Dichlorobenzidine	20.018	252	255641	28.66	ppb	98
90) Chrysene	19.933	228	633933	26.45	ppb	99
91) bis(2-Ethylhexyl)phtha...	20.468	149	440014	28.75	ppb	98
93) Di-n-octylphthalate	21.275	149	748086	31.65	ppb	99
94) Benzo[b]fluoranthene	21.361	252	627235	26.16	ppb	99
95) Benzo[k]fluoranthene	21.388	252	719929	29.04	ppb	99
96) Benzo[a]pyrene	21.703	252	631214	28.70	ppb	99
97) Indeno[1,2,3-cd]pyrene	22.826	276	529497	28.30	ppb	96
98) Dibenz(a,h)acridine	22.661	279	487118	27.81	ppb	99
99) Dibenz[a,h]anthracene	22.869	278	547072	27.74	ppb	97
100) 7,12-Dimethylbenz(a)an...	21.414	256	284418	28.50	ppb	99
101) Benzo[g,h,i]perylene	23.040	276	591603	27.47	ppb	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1369\
Data File : 2m31871.D
Acq On : 29 Sep 2010 2:55 pm
Operator : olgaa
Sample : ic1369-25
Misc : op45801,e2m1369,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 29 15:20:21 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:11:15 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31879.D
Acq On : 29 Sep 2010 3:37 pm
Operator : olgaa
Sample : ic1370-100
Misc : op45801,e2m1370,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 11:20:54 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration

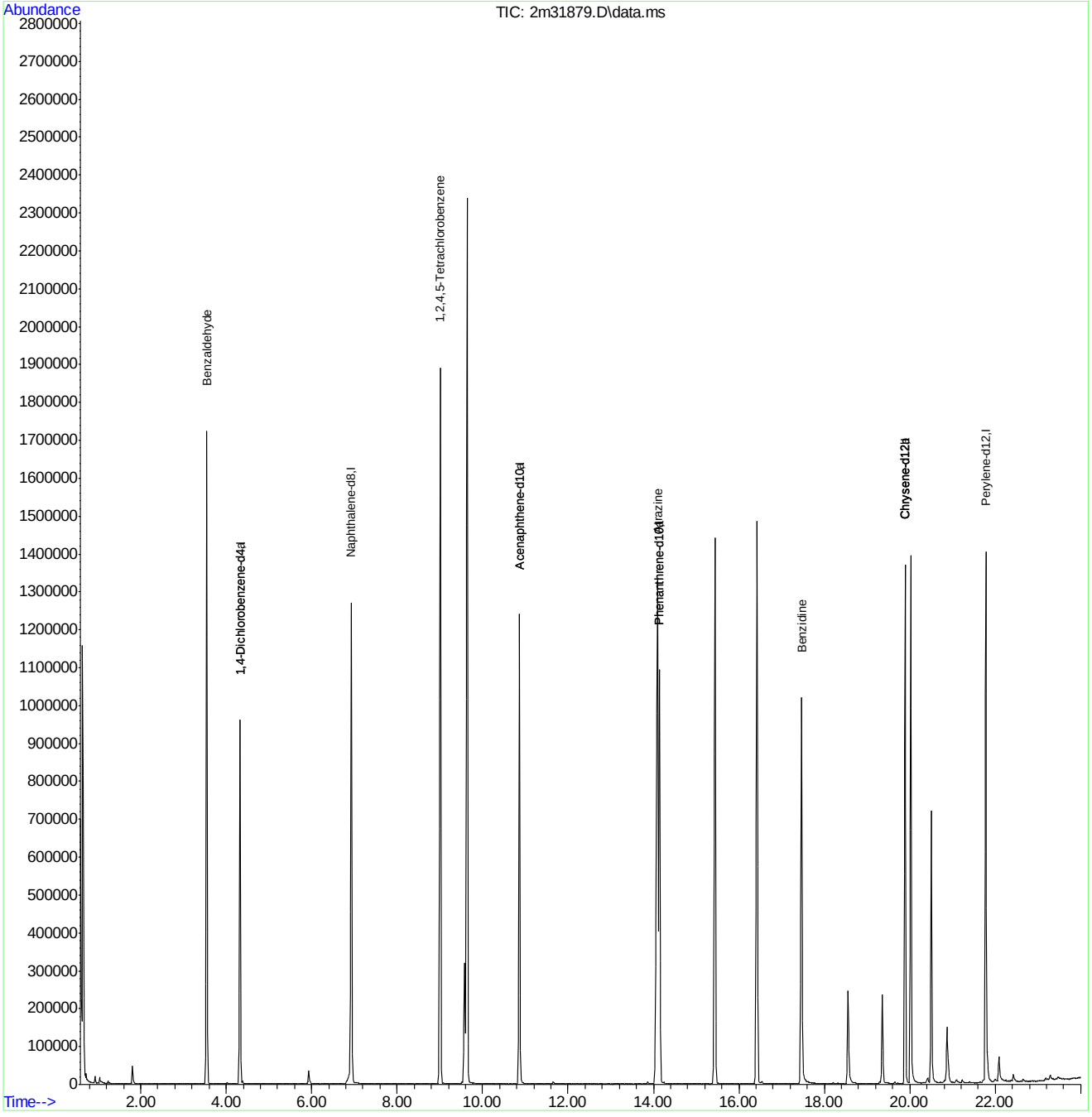
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.325	152	263681	40.00	ppb	0.01
24) Naphthalene-d8	6.925	136	1018622	40.00	ppb	-0.01
47) Acenaphthene-d10	10.861	164	567356	40.00	ppb	-0.01
69) Phenanthrene-d10	14.140	188	853227	40.00	ppb	-0.01
83) Chrysene-d12	19.890	240	859179	40.00	ppb	-0.02
92) Perylene-d12	21.778	264	802973	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.325	152	263681	40.00	ppb	0.01
104) Acenaphthene-d10a	10.861	164	567356	40.00	ppb	-0.01
106) Chrysene-d12a	19.890	240	859179	40.00	ppb	-0.02
108) Phenanthrene-d10a	14.140	188	853227	40.00	ppb	-0.01
110) Chrysene-d12b	19.890	240	859179	40.00	ppb	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.545	105	572459	100.00	ppb	96
105) 1,2,4,5-Tetrachloroben...	9.011	216	666441	100.00	ppb	99
107) Benzidine	17.467	184	892966	100.00	ppb	96
109) Atrazine	14.103	215	237735	100.00	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31879.D
Acq On : 29 Sep 2010 3:37 pm
Operator : olgaa
Sample : ic1370-100
Misc : op45801,e2m1370,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 11:20:54 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31880.D
Acq On : 29 Sep 2010 4:08 pm
Operator : olgaa
Sample : ic1370-80
Misc : op45801,e2m1370,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 11:21:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration

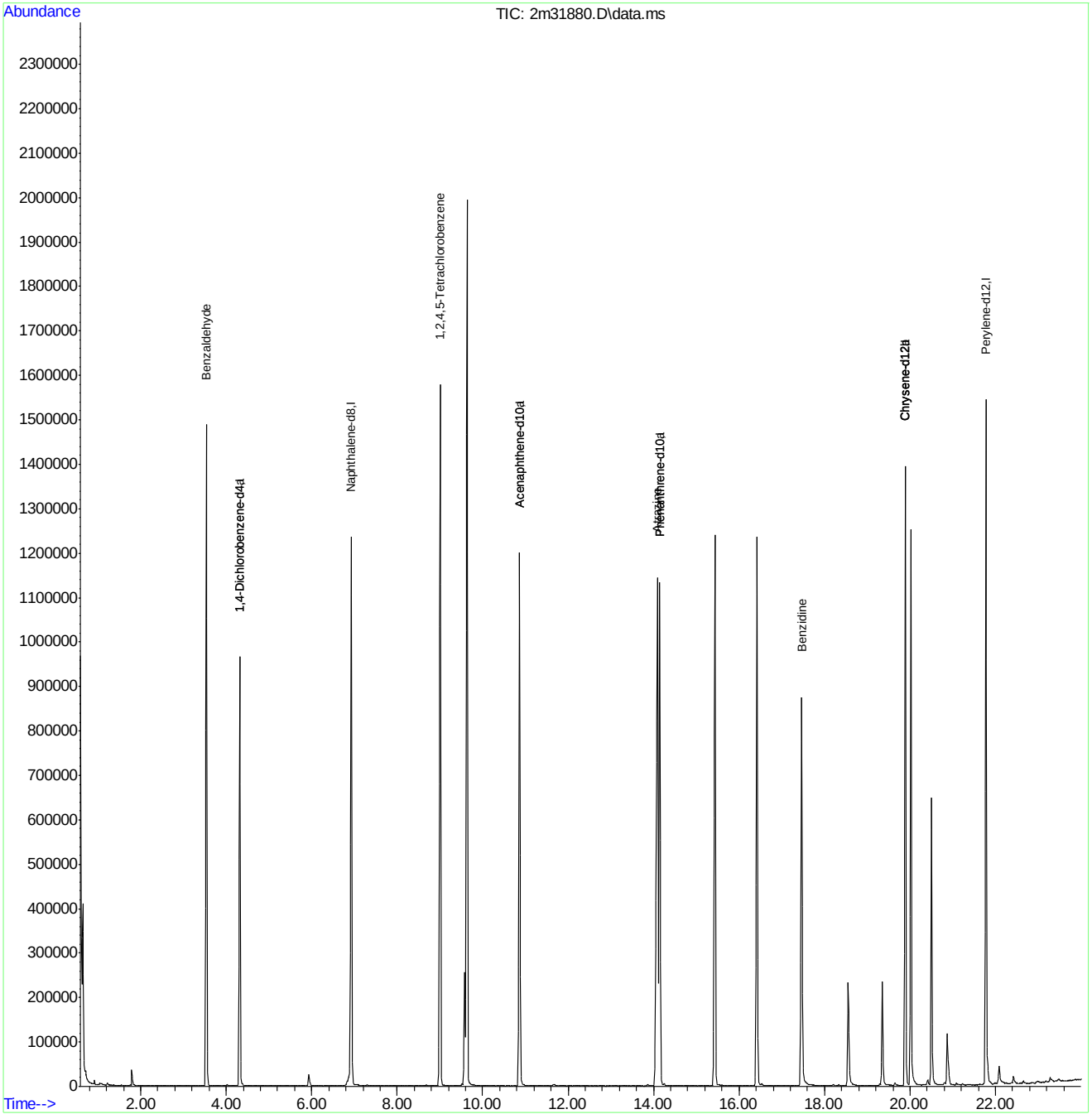
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.315	152	263046	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1009321	40.00	ppb	-0.01
47) Acenaphthene-d10	10.861	164	560634	40.00	ppb	-0.01
69) Phenanthrene-d10	14.140	188	850938	40.00	ppb	-0.01
83) Chrysene-d12	19.890	240	879718	40.00	ppb	-0.02
92) Perylene-d12	21.773	264	843754	40.00	ppb	-0.01
102) 1,4-Dichlorobenzene-d4a	4.315	152	263046	40.00	ppb	0.00
104) Acenaphthene-d10a	10.861	164	560634	40.00	ppb	-0.01
106) Chrysene-d12a	19.890	240	879718	40.00	ppb	-0.02
108) Phenanthrene-d10a	14.140	188	850938	40.00	ppb	-0.01
110) Chrysene-d12b	19.890	240	879718	40.00	ppb	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.534	105	514145	90.03	ppb	97
105) 1,2,4,5-Tetrachloroben...	9.005	216	542858	82.43	ppb	98
107) Benzidine	17.467	184	750690	82.10	ppb	97
109) Atrazine	14.097	215	196767	82.99	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31880.D
Acq On : 29 Sep 2010 4:08 pm
Operator : olgaa
Sample : ic1370-80
Misc : op45801,e2m1370,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 11:21:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration



8.6.10

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Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31881.D
Acq On : 29 Sep 2010 4:39 pm
Operator : olgaa
Sample : icc1370-50
Misc : op45801,e2m1370,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 30 11:22:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration

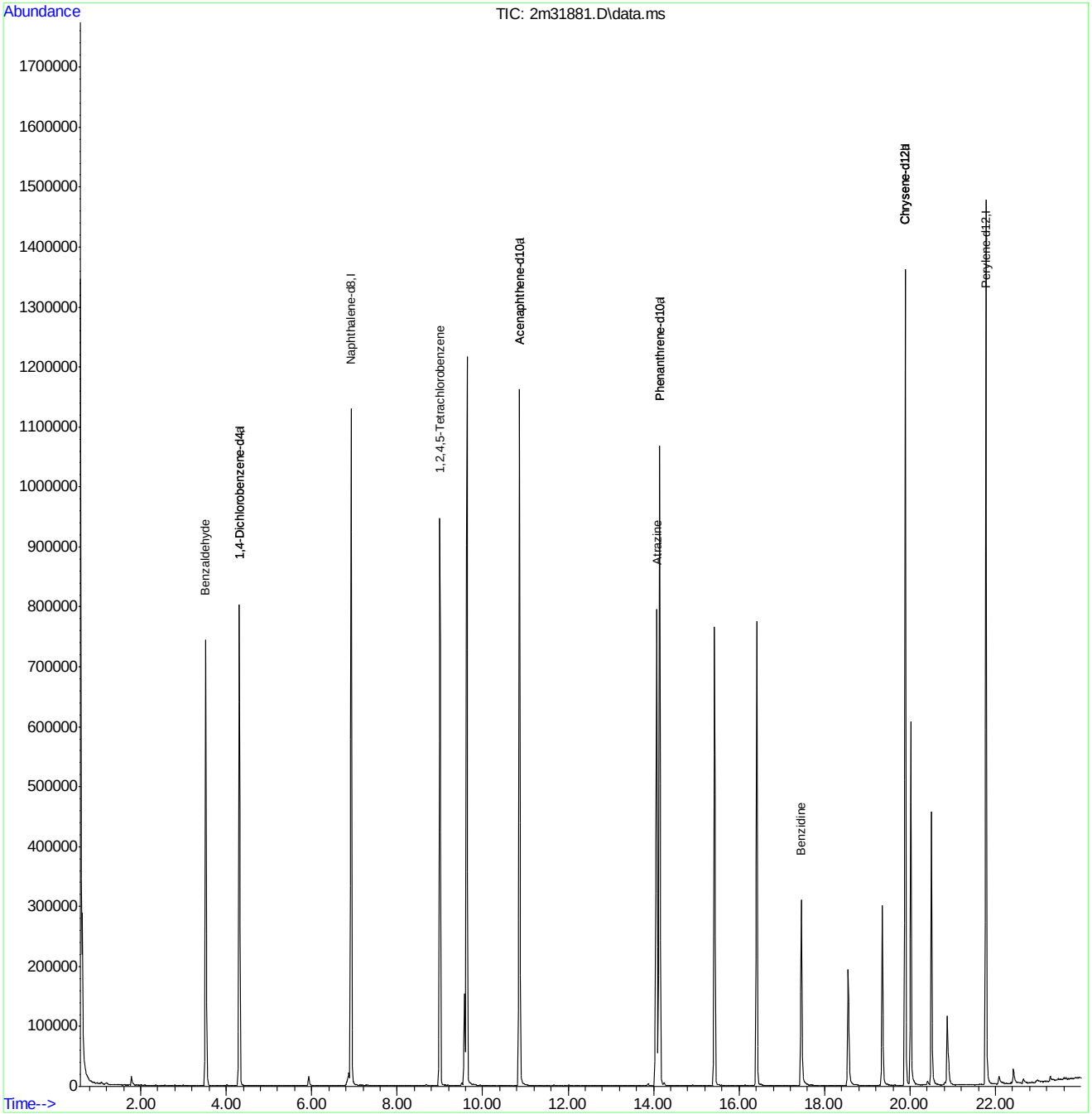
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.309	152	250484	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	944722	40.00	ppb	-0.01
47) Acenaphthene-d10	10.862	164	536748	40.00	ppb	-0.01
69) Phenanthrene-d10	14.140	188	808433	40.00	ppb	-0.01
83) Chrysene-d12	19.890	240	832920	40.00	ppb	-0.02
92) Perylene-d12	21.778	264	781913	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.309	152	250484	40.00	ppb	0.00
104) Acenaphthene-d10a	10.862	164	536748	40.00	ppb	-0.01
106) Chrysene-d12a	19.890	240	832920	40.00	ppb	-0.02
108) Phenanthrene-d10a	14.140	188	808433	40.00	ppb	-0.01
110) Chrysene-d12b	19.890	240	832920	40.00	ppb	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.523	105	294851	54.22	ppb	97
105) 1,2,4,5-Tetrachloroben...	9.006	216	321462	50.99	ppb	97
107) Benzidine	17.456	184	260046	30.04	ppb	99
109) Atrazine	14.076	215	114731	50.93	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31881.D
Acq On : 29 Sep 2010 4:39 pm
Operator : olgaa
Sample : icc1370-50
Misc : op45801,e2m1370,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 30 11:22:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31882.D
Acq On : 29 Sep 2010 5:11 pm
Operator : olgaa
Sample : ic1370-25
Misc : op45801,e2m1370,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 30 11:23:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration

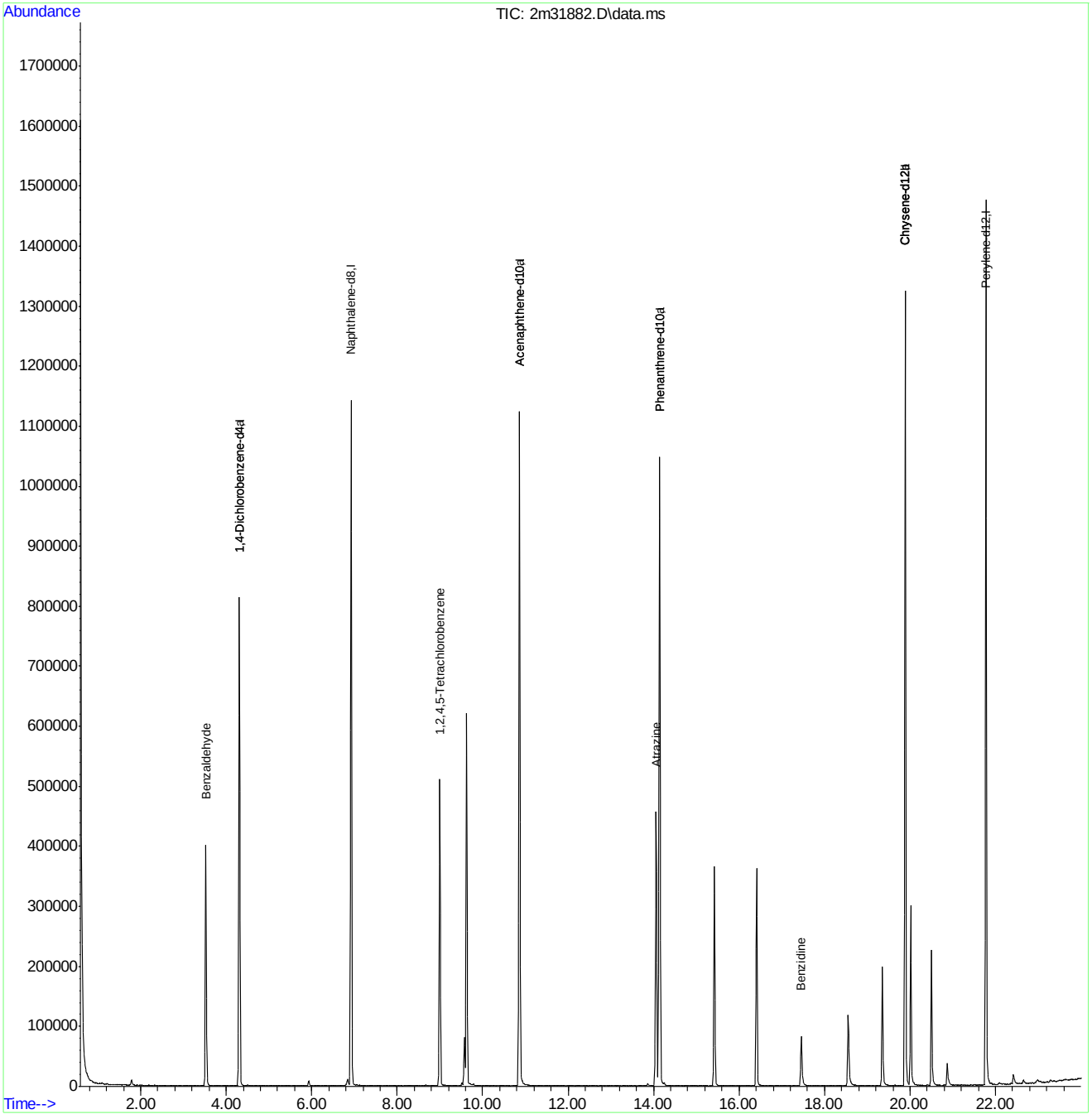
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.309	152	249232	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	960938	40.00	ppb	-0.01
47) Acenaphthene-d10	10.862	164	532970	40.00	ppb	-0.01
69) Phenanthrene-d10	14.140	188	805491	40.00	ppb	-0.01
83) Chrysene-d12	19.890	240	831483	40.00	ppb	-0.02
92) Perylene-d12	21.778	264	770454	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.309	152	249232	40.00	ppb	0.00
104) Acenaphthene-d10a	10.862	164	532970	40.00	ppb	-0.01
106) Chrysene-d12a	19.890	240	831483	40.00	ppb	-0.02
108) Phenanthrene-d10a	14.140	188	805491	40.00	ppb	-0.01
110) Chrysene-d12b	19.890	240	831483	40.00	ppb	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.523	105	153372	28.35	ppb	97
105) 1,2,4,5-Tetrachloroben...	9.000	216	165510	26.44	ppb	98
107) Benzidine	17.456	184	76889	8.90	ppb	99
109) Atrazine	14.065	215	55981	24.94	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31882.D
Acq On : 29 Sep 2010 5:11 pm
Operator : olgaa
Sample : ic1370-25
Misc : op45801,e2m1370,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 30 11:23:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration



8.6.12
8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31883.D
Acq On : 29 Sep 2010 5:43 pm
Operator : olgaa
Sample : ic1370-10
Misc : op45801,e2m1370,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 11:24:04 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration

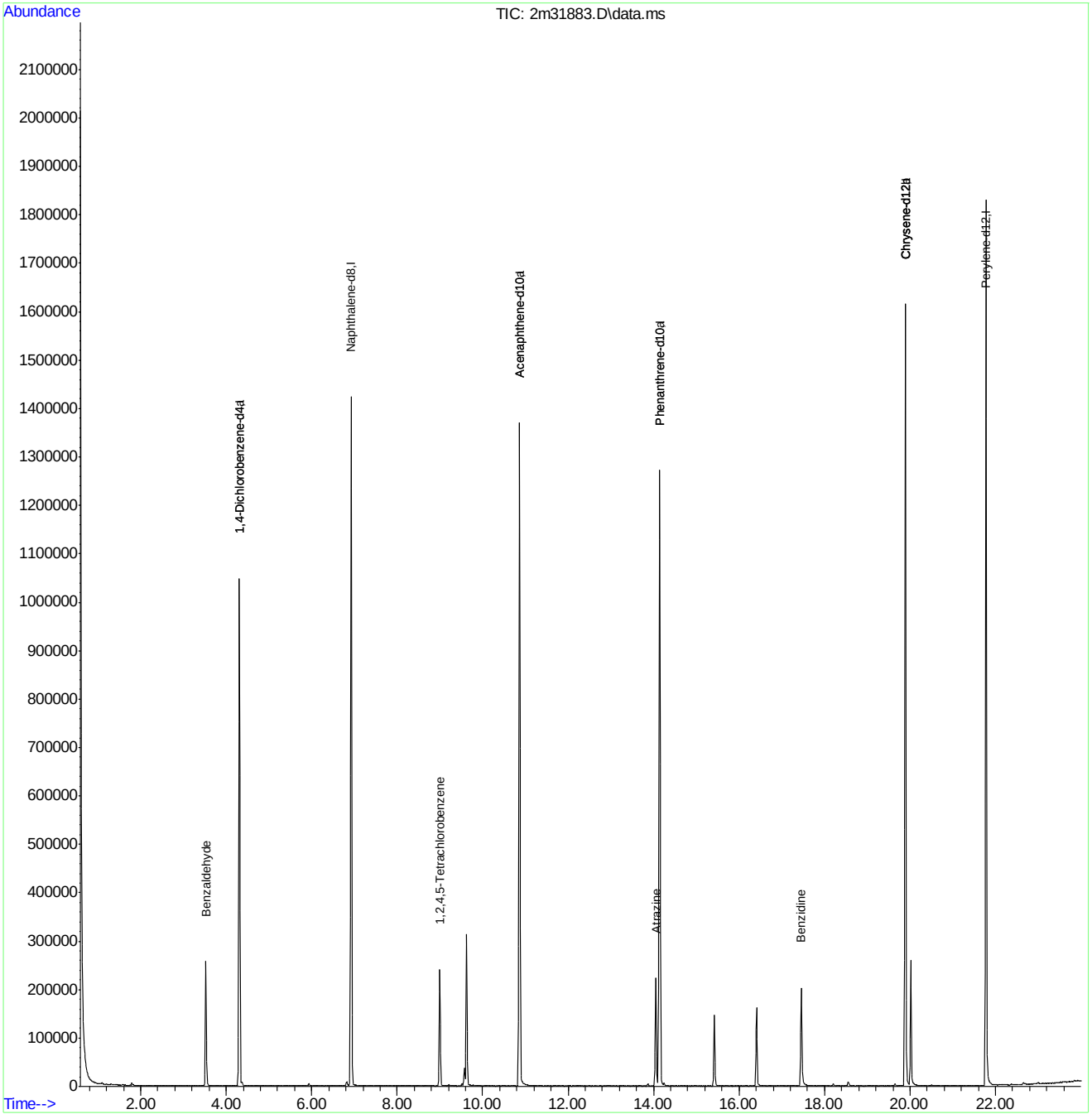
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.310	152	315163	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1185503	40.00	ppb	-0.01
47) Acenaphthene-d10	10.867	164	658586	40.00	ppb	0.00
69) Phenanthrene-d10	14.140	188	988348	40.00	ppb	-0.01
83) Chrysene-d12	19.895	240	1017130	40.00	ppb	-0.01
92) Perylene-d12	21.778	264	970727	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.310	152	315163	40.00	ppb	0.00
104) Acenaphthene-d10a	10.867	164	658586	40.00	ppb	0.00
106) Chrysene-d12a	19.895	240	1017130	40.00	ppb	-0.01
108) Phenanthrene-d10a	14.140	188	988348	40.00	ppb	-0.01
110) Chrysene-d12b	19.895	240	1017130	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.523	105	91907	13.43	ppb	97
105) 1,2,4,5-Tetrachloroben...	9.000	216	80697	10.43	ppb	97
107) Benzidine	17.456	184	163431	15.46	ppb	99
109) Atrazine	14.055	215	25765	9.36	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31883.D
Acq On : 29 Sep 2010 5:43 pm
Operator : olgaa
Sample : ic1370-10
Misc : op45801,e2m1370,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 11:24:04 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31884.D
Acq On : 29 Sep 2010 6:14 pm
Operator : olgaa
Sample : ic1370-5
Misc : op45801,e2m1370,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 30 11:24:47 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration

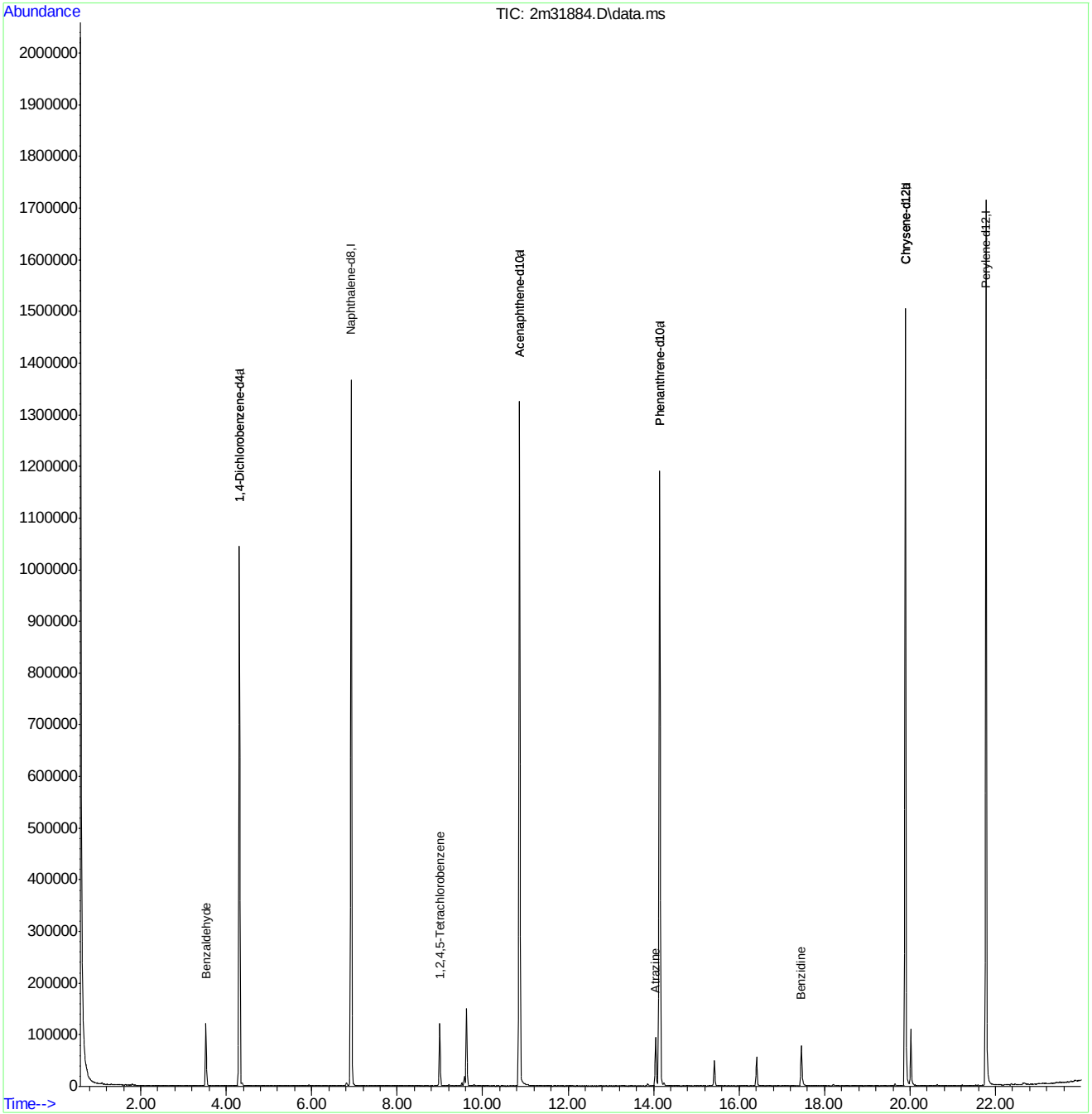
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.309	152	303678	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1138221	40.00	ppb	-0.01
47) Acenaphthene-d10	10.862	164	638357	40.00	ppb	-0.01
69) Phenanthrene-d10	14.140	188	949601	40.00	ppb	-0.01
83) Chrysene-d12	19.895	240	981769	40.00	ppb	-0.01
92) Perylene-d12	21.778	264	917891	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.309	152	303678	40.00	ppb	0.00
104) Acenaphthene-d10a	10.862	164	638357	40.00	ppb	-0.01
106) Chrysene-d12a	19.895	240	981769	40.00	ppb	-0.01
108) Phenanthrene-d10a	14.140	188	949601	40.00	ppb	-0.01
110) Chrysene-d12b	19.895	240	981769	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.523	105	43839	6.65	ppb	97
105) 1,2,4,5-Tetrachloroben...	8.995	216	38007	5.07	ppb	97
107) Benzidine	17.456	184	65774	6.45	ppb	96
109) Atrazine	14.049	215	10677	4.04	ppb	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31884.D
Acq On : 29 Sep 2010 6:14 pm
Operator : olgaa
Sample : ic1370-5
Misc : op45801,e2m1370,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 30 11:24:47 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31885.D
Acq On : 29 Sep 2010 6:46 pm
Operator : olgaa
Sample : ic1370-2
Misc : op45801,e2m1370,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 30 11:25:30 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration

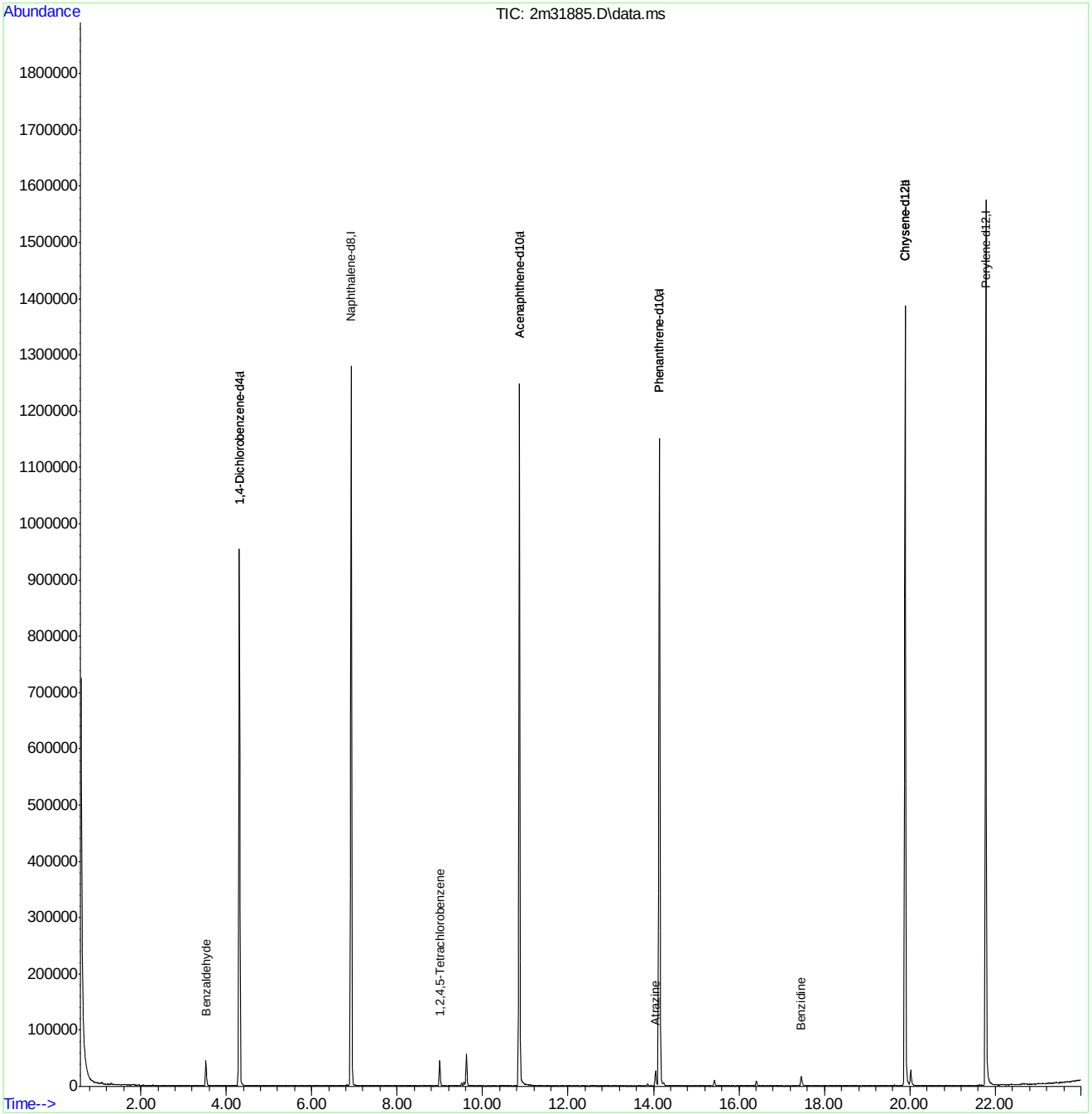
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.309	152	287794	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1069425	40.00	ppb	-0.01
47) Acenaphthene-d10	10.861	164	597541	40.00	ppb	-0.01
69) Phenanthrene-d10	14.140	188	896043	40.00	ppb	-0.01
83) Chrysene-d12	19.890	240	913808	40.00	ppb	-0.02
92) Perylene-d12	21.778	264	849799	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.309	152	287794	40.00	ppb	0.00
104) Acenaphthene-d10a	10.861	164	597541	40.00	ppb	-0.01
106) Chrysene-d12a	19.890	240	913808	40.00	ppb	-0.02
108) Phenanthrene-d10a	14.140	188	896043	40.00	ppb	-0.01
110) Chrysene-d12b	19.890	240	913808	40.00	ppb	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.528	105	16908	2.71	ppb	97
105) 1,2,4,5-Tetrachloroben...	8.995	216	14765	2.10	ppb	99
107) Benzidine	17.456	184	17359	1.83	ppb	96
109) Atrazine	14.049	215	3442	1.38	ppb	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31885.D
Acq On : 29 Sep 2010 6:46 pm
Operator : olgaa
Sample : ic1370-2
Misc : op45801,e2m1370,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 30 11:25:30 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31886.D
Acq On : 29 Sep 2010 7:17 pm
Operator : olgaa
Sample : ic1370-1
Misc : op45801,e2m1370,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 30 11:26:07 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration

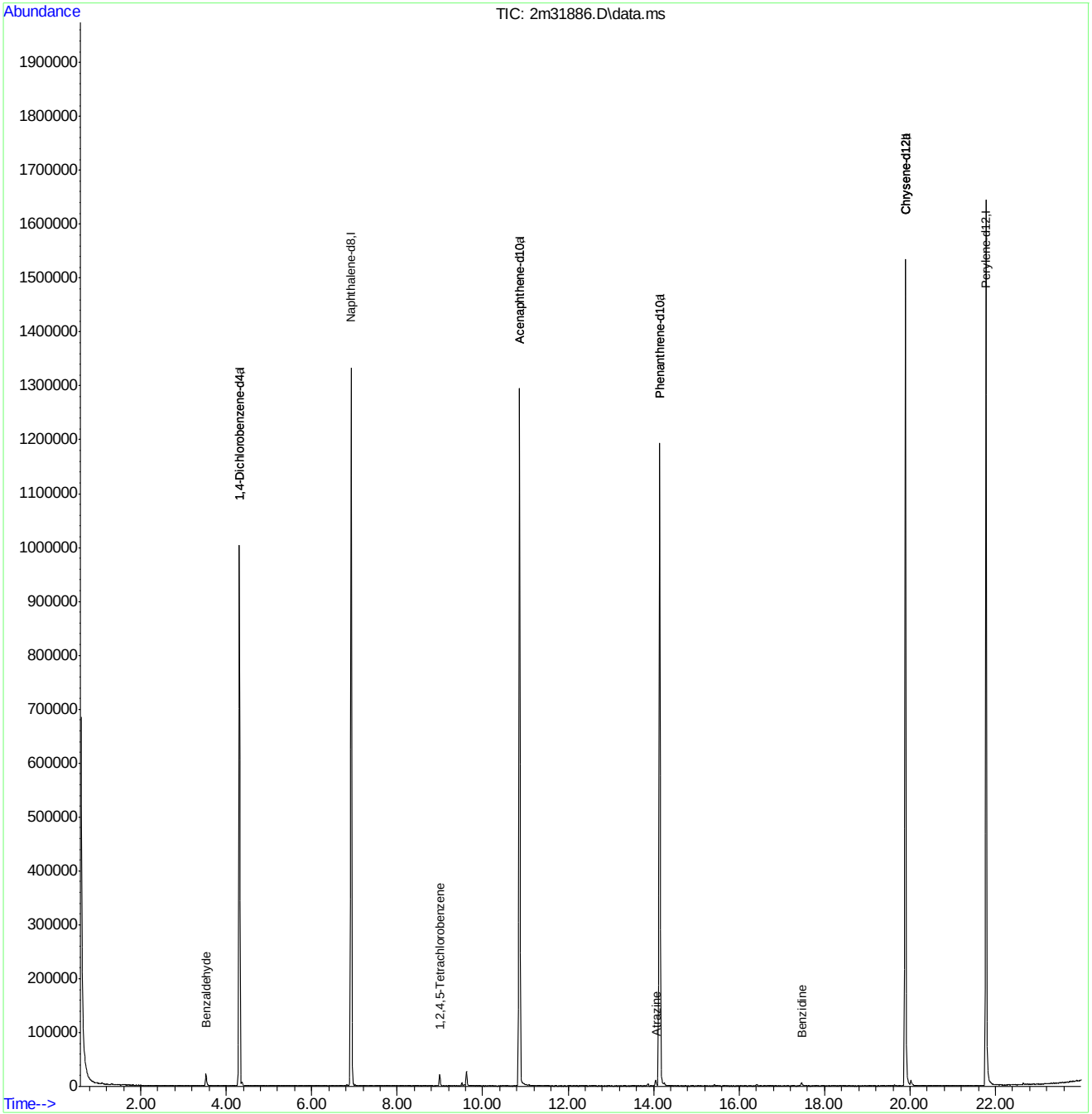
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.309	152	293550	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1107959	40.00	ppb	-0.01
47) Acenaphthene-d10	10.867	164	615107	40.00	ppb	0.00
69) Phenanthrene-d10	14.146	188	929511	40.00	ppb	0.00
83) Chrysene-d12	19.895	240	940434	40.00	ppb	-0.01
92) Perylene-d12	21.778	264	877260	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.309	152	293550	40.00	ppb	0.00
104) Acenaphthene-d10a	10.867	164	615107	40.00	ppb	0.00
106) Chrysene-d12a	19.895	240	940434	40.00	ppb	-0.01
108) Phenanthrene-d10a	14.146	188	929511	40.00	ppb	0.00
110) Chrysene-d12b	19.895	240	940434	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.529	105	8542	1.34	ppb	93
105) 1,2,4,5-Tetrachloroben...	8.990	216	7163	0.99	ppb	89
107) Benzidine	17.462	184	5376	0.55	ppb	95
109) Atrazine	14.060	215	1338	0.52	ppb #	65

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31886.D
Acq On : 29 Sep 2010 7:17 pm
Operator : olgaa
Sample : ic1370-1
Misc : op45801,e2m1370,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 30 11:26:07 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:20:26 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31887.D
Acq On : 29 Sep 2010 7:49 pm
Operator : olgaa
Sample : icv1369-50
Misc : op45801,e2m1370,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 30 12:53:01 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:30:36 2010
Response via : Initial Calibration

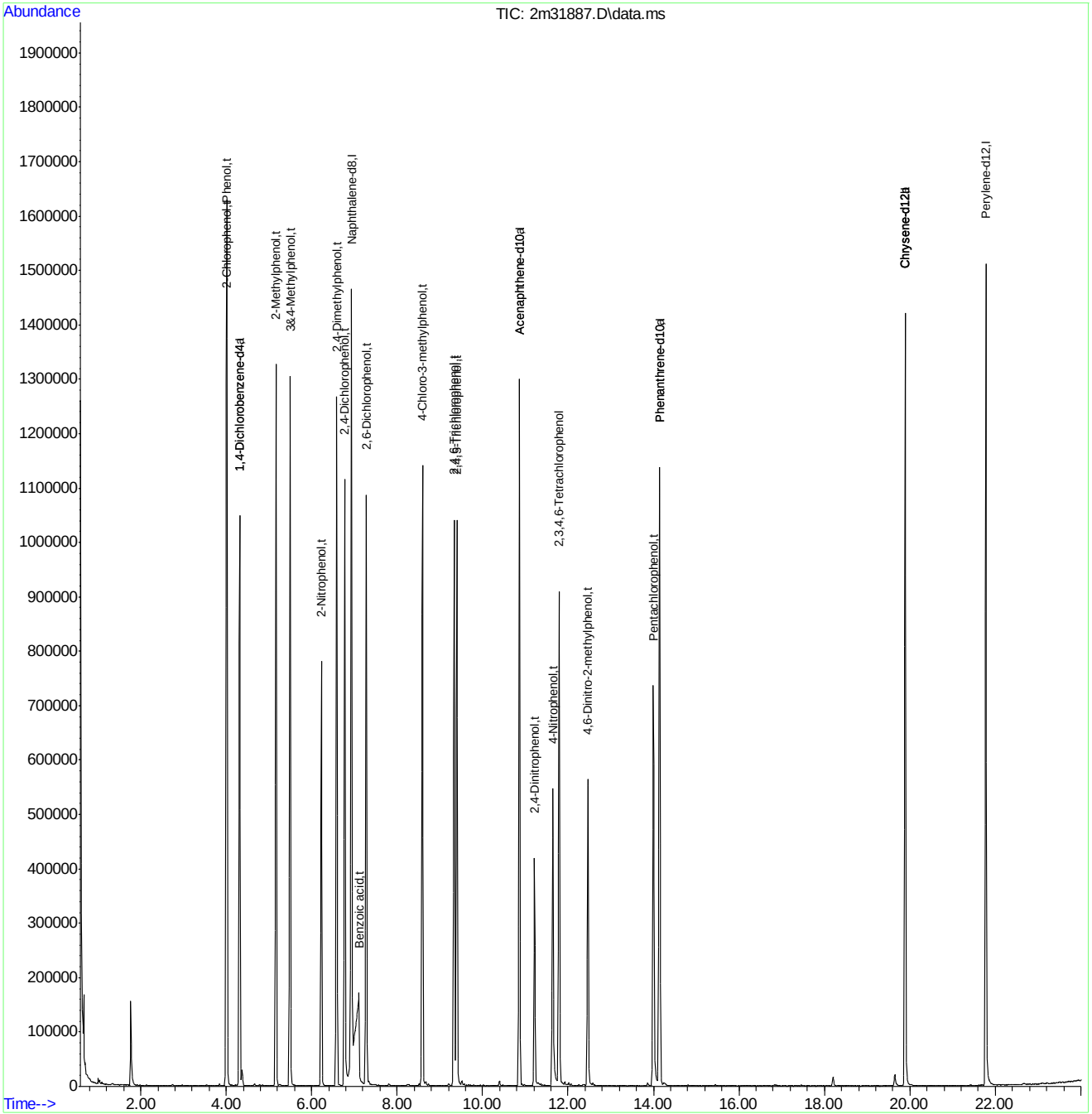
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.315	152	291082	40.00	ppb	0.00
24) Naphthalene-d8	6.930	136	1127526	40.00	ppb	0.00
47) Acenaphthene-d10	10.861	164	607800	40.00	ppb	-0.01
69) Phenanthrene-d10	14.145	188	895165	40.00	ppb	0.00
83) Chrysene-d12	19.890	240	900073	40.00	ppb	-0.02
92) Perylene-d12	21.778	264	822486	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.315	152	291082	40.00	ppb	0.00
104) Acenaphthene-d10a	10.861	164	607800	40.00	ppb	-0.01
106) Chrysene-d12a	19.890	240	900073	40.00	ppb	-0.02
108) Phenanthrene-d10a	14.145	188	895165	40.00	ppb	0.00
110) Chrysene-d12b	19.890	240	900073	40.00	ppb	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
9) Phenol	4.021	94	648242	44.41	ppb	95
12) 2-Chlorophenol	4.004	128	526216	47.25	ppb	95
19) 2-Methylphenol	5.165	108	482688	46.79	ppb	100
21) 3&4-Methylphenol	5.497	108	509552	47.47	ppb	99
29) 2-Nitrophenol	6.224	139	264050	47.43	ppb	84
30) 2,4-Dimethylphenol	6.588	107	493062	49.21	ppb	96
31) Benzoic acid	7.107	105	368354	42.58	ppb	94
33) 2,4-Dichlorophenol	6.775	162	400563	46.75	ppb	100
34) 2,6-Dichlorophenol	7.278	162	406129	47.56	ppb	99
43) 4-Chloro-3-methylphenol	8.594	107	419171	45.34	ppb	99
49) 2,4,6-Trichlorophenol	9.332	196	265703	48.71	ppb	99
50) 2,4,5-Trichlorophenol	9.396	196	283458	49.19	ppb	96
60) 2,4-Dinitrophenol	11.214	184	95737	42.72	ppb	98
61) 4-Nitrophenol	11.653	109	133776	45.95	ppb	99
64) 2,3,4,6-Tetrachlorophenol	11.792	232	209418	45.48	ppb	98
70) 4,6-Dinitro-2-methylph...	12.471	198	155319	45.82	ppb	97
76) Pentachlorophenol	13.996	266	175738	49.42	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31887.D
Acq On : 29 Sep 2010 7:49 pm
Operator : olgaa
Sample : icv1369-50
Misc : op45801,e2m1370,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 30 12:53:01 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Sep 29 15:30:36 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31888.D
Acq On : 29 Sep 2010 8:20 pm
Operator : olgaa
Sample : icv1369-50
Misc : op45801,e2m1370,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 30 12:57:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.320	152	286947	40.00	ppb	0.00
24) Naphthalene-d8	6.936	136	1096293	40.00	ppb	0.00
47) Acenaphthene-d10	10.872	164	610850	40.00	ppb	0.00
69) Phenanthrene-d10	14.151	188	889606	40.00	ppb	0.00
83) Chrysene-d12	19.906	240	882634	40.00	ppb	0.00
92) Perylene-d12	21.783	264	815094	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.320	152	286947	40.00	ppb	0.01
104) Acenaphthene-d10a	10.872	164	610850	40.00	ppb	0.01
106) Chrysene-d12a	19.906	240	882634	40.00	ppb	0.02
108) Phenanthrene-d10a	14.151	188	889606	40.00	ppb	0.01
110) Chrysene-d12b	19.906	240	882634	40.00	ppb	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.817	88	213146	47.63	ppb	96
3) Pyridine	0.972	79	578682	47.91	ppb	96
4) N-Nitrosodimethylamine	0.977	74	330373	49.00	ppb	97
6) Indene	4.860	116	765866	49.40	ppb	99
7) Cumene	2.978	105	968493	45.63	ppb	100
11) bis(2-Chloroethyl)ether	4.031	93	565777	51.76	ppb	99
13) Decane	4.261	43	429516	47.97	ppb	95
14) 1,3-Dichlorobenzene	4.235	146	611941	53.35	ppb	100
15) 1,4-Dichlorobenzene	4.352	146	620116	53.34	ppb	99
16) Benzyl alcohol	4.785	108	411217	54.14	ppb	98
17) 1,2-Dichlorobenzene	4.695	146	590662	54.51	ppb	99
18) Acetophenone	5.245	105	806699	55.49	ppb	98
20) 2,2'-oxybis(1-Chloropr...	5.117	45	690459	50.77	ppb	96
22) n-Nitroso-di-n-propyla...	5.401	70	394581	53.03	ppb	98
23) Hexachloroethane	5.288	201	192953	56.30	ppb	99
26) Nitrobenzene	5.545	123	300653	53.61	ppb	88
27) Quinoline	7.733	129	1032518	55.18	ppb	99
28) Isophorone	6.080	82	1069195	55.77	ppb	100
32) bis(2-Chloroethoxy)met...	6.754	93	675551	55.86	ppb	100
36) 1,2,4-Trichlorobenzene	6.893	180	455414	54.18	ppb	97
38) Naphthalene	6.973	128	1624946	52.70	ppb	99
40) 2,3-Dichloroaniline	9.305	161	483865	50.58	ppb	99
41) Caprolactam	8.032	55	230153	51.93	ppb	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31888.D
Acq On : 29 Sep 2010 8:20 pm
Operator : olgaa
Sample : icv1369-50
Misc : op45801,e2m1370,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 30 12:57:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration

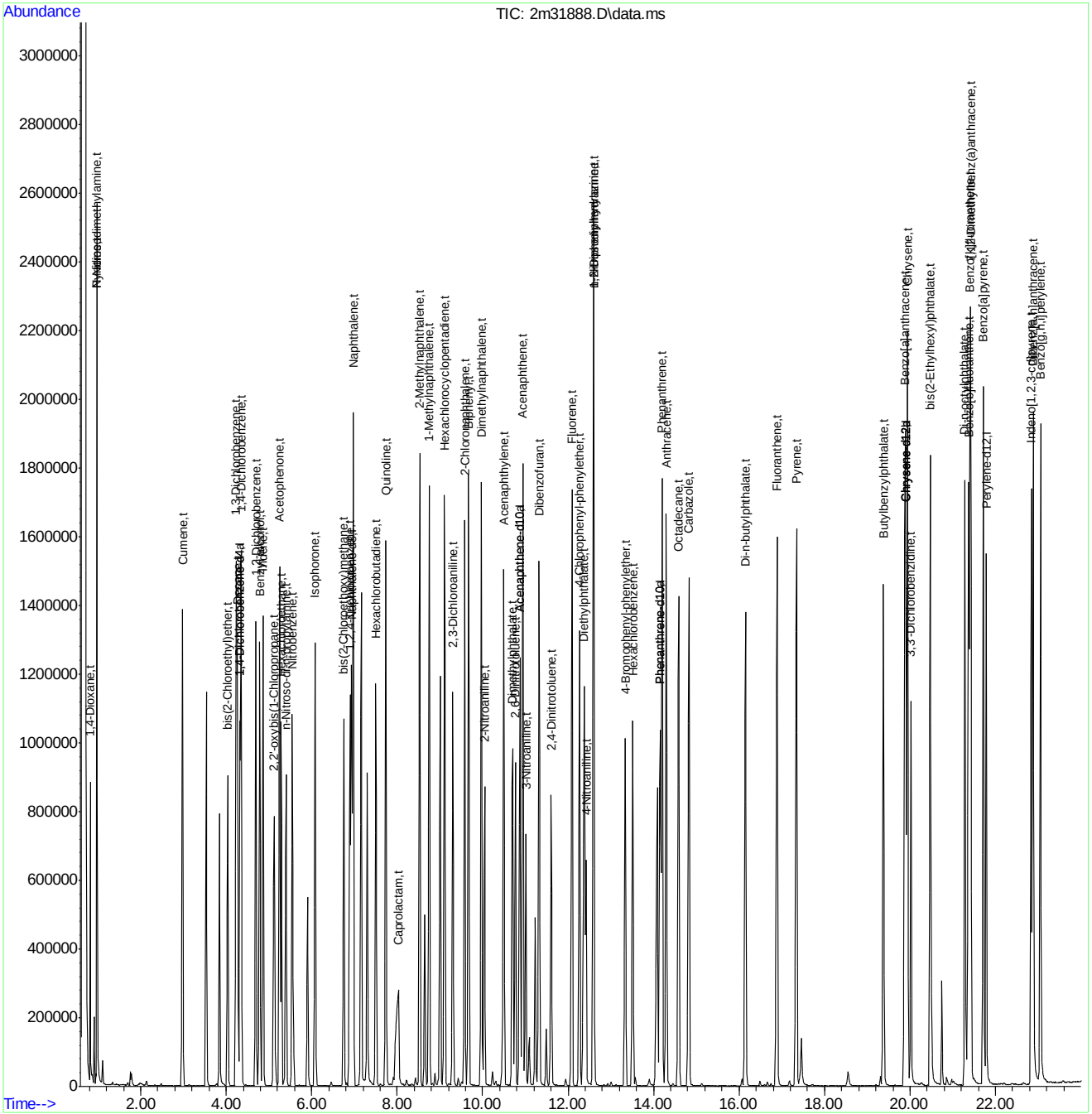
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Hexachlorobutadiene	7.503	225	248199	54.80	ppb	98
44) 2-Methylnaphthalene	8.530	142	1040514	51.07	ppb	99
45) 1-Methylnaphthalene	8.749	142	992677	52.27	ppb	99
46) Dimethylnaphthalene	9.974	156	846672	53.44	ppb	99
48) Hexachlorocyclopentadiene	9.107	237	505411	138.58	ppb	100
52) 2-Chloronaphthalene	9.583	162	963772	53.31	ppb	99
53) Biphenyl	9.674	154	1155684	52.53	ppb	100
54) 2-Nitroaniline	10.043	65	288475	52.83	ppb	97
55) Dimethylphthalate	10.701	163	1039835	53.37	ppb	100
56) Acenaphthylene	10.498	152	1339686	50.03	ppb	99
57) 2,6-Dinitrotoluene	10.771	89	138421	55.82	ppb	96
58) 3-Nitroaniline	11.017	138	248602	44.54	ppb	98
59) Acenaphthene	10.942	153	909712	53.09	ppb	98
62) Dibenzofuran	11.322	168	1315793	52.07	ppb	99
63) 2,4-Dinitrotoluene	11.605	165	321032	57.38	ppb	87
65) Diethylphthalate	12.375	149	994881	52.61	ppb	100
66) Fluorene	12.092	166	1100740	55.41	ppb	100
67) 4-Chlorophenyl-phenyle...	12.268	204	480003	53.69	ppb	99
68) 4-Nitroaniline	12.423	138	290854	53.44	ppb	98
71) n-Nitrosodiphenylamine	12.600	169	728492	51.57	ppb	98
72) 1,2-Diphenylhydrazine	12.600	77	1117084	53.72	ppb	97
74) 4-Bromophenyl-phenylether	13.338	248	262892	55.28	ppb	99
75) Hexachlorobenzene	13.514	284	308933	55.10	ppb	97
77) Phenanthrene	14.199	178	1475795	54.18	ppb	99
78) Anthracene	14.301	178	1474580	54.95	ppb	99
79) Carbazole	14.830	167	1448447	55.17	ppb	100
80) Di-n-butylphthalate	16.151	149	1637302	58.32	ppb	100
81) Fluoranthene	16.889	202	1495681	56.29	ppb	98
82) Octadecane	14.584	57	625829	55.15	ppb	100
84) Pyrene	17.344	202	1546857	58.64	ppb	99
86) Butylbenzylphthalate	19.382	149	684788	59.21	ppb	99
88) Benzo[a]anthracene	19.879	228	1346739	55.17	ppb	99
89) 3,3'-Dichlorobenzidine	20.024	252	403074	44.85	ppb	99
90) Chrysene	19.944	228	1315031	54.60	ppb	99
91) bis(2-Ethylhexyl)phtha...	20.473	149	913588	59.38	ppb	99
93) Di-n-octylphthalate	21.281	149	1555418	59.13	ppb	99
94) Benzo[b]fluoranthene	21.372	252	1335758	58.28	ppb	99
95) Benzo[k]fluoranthene	21.404	252	1436875	58.05	ppb	99
96) Benzo[a]pyrene	21.714	252	1273671	58.35	ppb	100
97) Indeno[1,2,3-cd]pyrene	22.837	276	1092975	58.96	ppb	99
99) Dibenz[a,h]anthracene	22.880	278	1154026	58.94	ppb	99
100) 7,12-Dimethylbenz(a)an...	21.425	256	602048	60.64	ppb	100
101) Benzo[g,h,i]perylene	23.056	276	1200652	56.03	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31888.D
Acq On : 29 Sep 2010 8:20 pm
Operator : olgaa
Sample : icv1369-50
Misc : op45801,e2m1370,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 30 12:57:35 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31888a.D
Acq On : 29 Sep 2010 8:20 pm
Operator : olgaa
Sample : icv1370-50
Misc : op45801,e2m1370,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 30 13:05:03 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration

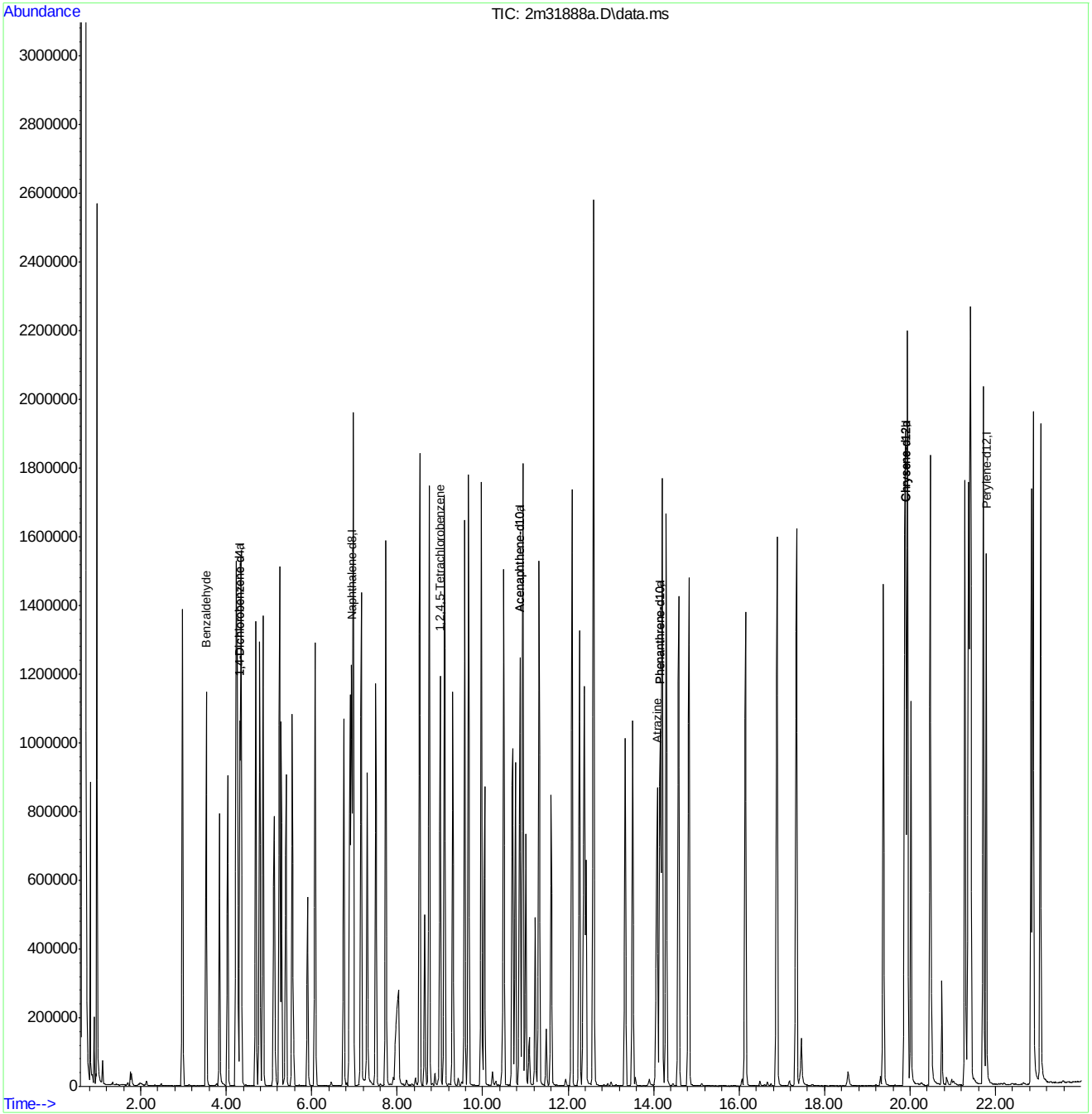
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.320	152	286947	40.00	ppb	0.00
24) Naphthalene-d8	6.936	136	1096293	40.00	ppb	0.00
47) Acenaphthene-d10	10.872	164	610850	40.00	ppb	0.00
69) Phenanthrene-d10	14.151	188	889606	40.00	ppb	0.00
83) Chrysene-d12	19.906	240	882634	40.00	ppb	0.00
92) Perylene-d12	21.783	264	815094	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.320	152	286947	40.00	ppb	0.01
104) Acenaphthene-d10a	10.872	164	610850	40.00	ppb	0.01
106) Chrysene-d12a	19.906	240	882634	40.00	ppb	0.02
108) Phenanthrene-d10a	14.151	188	889606	40.00	ppb	0.01
110) Chrysene-d12b	19.906	240	882634	40.00	ppb	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.534	105	397893	52.62	ppb	99
105) 1,2,4,5-Tetrachloroben...	9.006	216	400099	54.35	ppb	99
109) Atrazine	14.087	215	134063	58.37	ppb	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31888a.D
Acq On : 29 Sep 2010 8:20 pm
Operator : olgaa
Sample : icv1370-50
Misc : op45801,e2m1370,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 30 13:05:03 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31890.D
Acq On : 29 Sep 2010 9:23 pm
Operator : olgaa
Sample : icv1369-50
Misc : op45801,e2m1370,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 30 12:59:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration

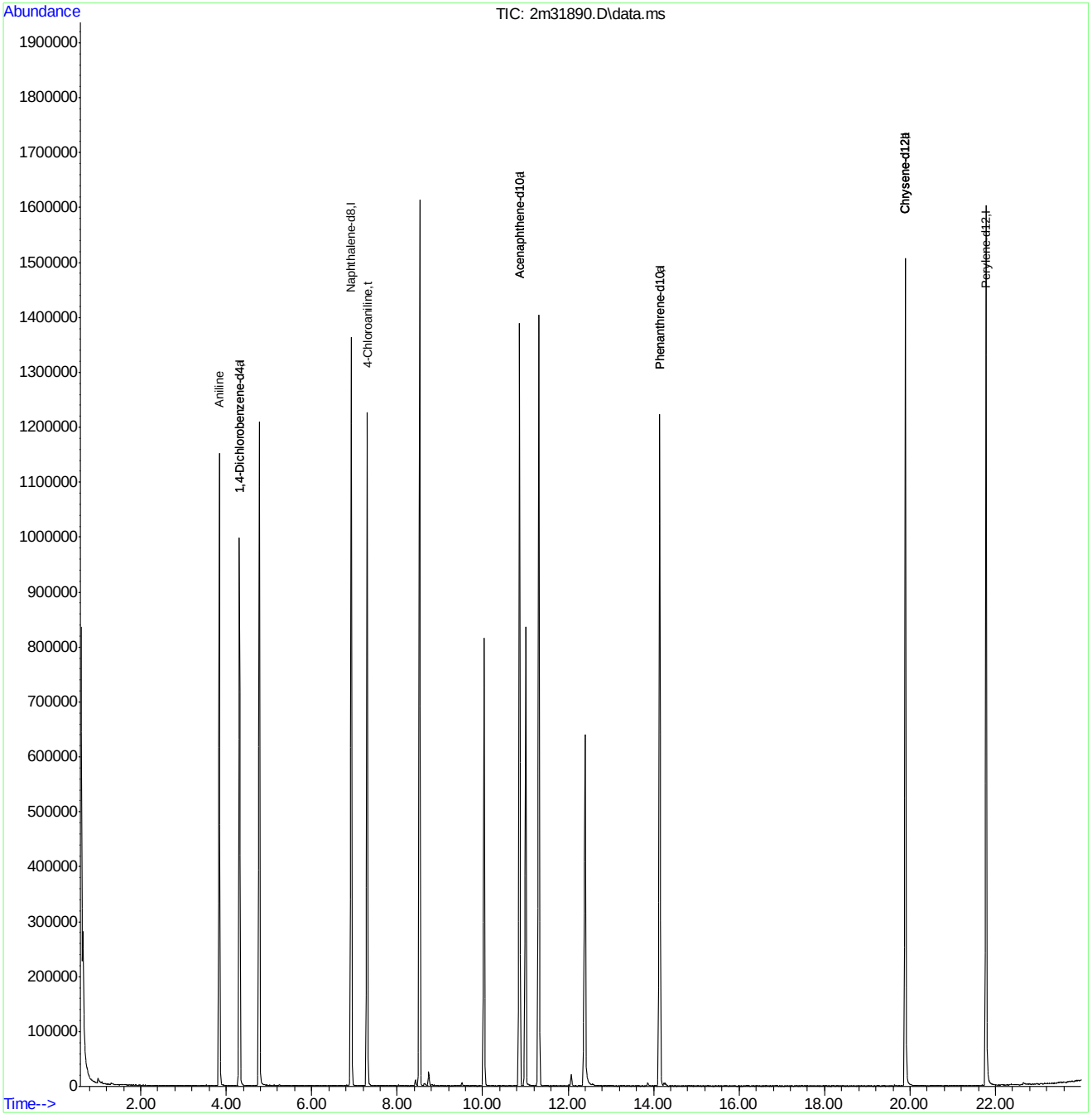
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.310	152	301950	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1134936	40.00	ppb	-0.01
47) Acenaphthene-d10	10.862	164	626177	40.00	ppb	-0.01
69) Phenanthrene-d10	14.140	188	930894	40.00	ppb	-0.01
83) Chrysene-d12	19.890	240	964407	40.00	ppb	-0.02
92) Perylene-d12	21.778	264	879934	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.310	152	301950	40.00	ppb	0.00
104) Acenaphthene-d10a	10.862	164	626177	40.00	ppb	0.00
106) Chrysene-d12a	19.890	240	964407	40.00	ppb	0.00
108) Phenanthrene-d10a	14.140	188	930894	40.00	ppb	0.00
110) Chrysene-d12b	19.890	240	964407	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
10) Aniline	3.839	93	811030	47.28	ppb	100
39) 4-Chloroaniline	7.299	127	659053	46.96	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31890.D
Acq On : 29 Sep 2010 9:23 pm
Operator : olgaa
Sample : icv1369-50
Misc : op45801,e2m1370,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 30 12:59:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31891.D
Acq On : 29 Sep 2010 9:55 pm
Operator : olgaa
Sample : icv1370-50
Misc : op45801,e2m1370,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 30 13:00:38 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration

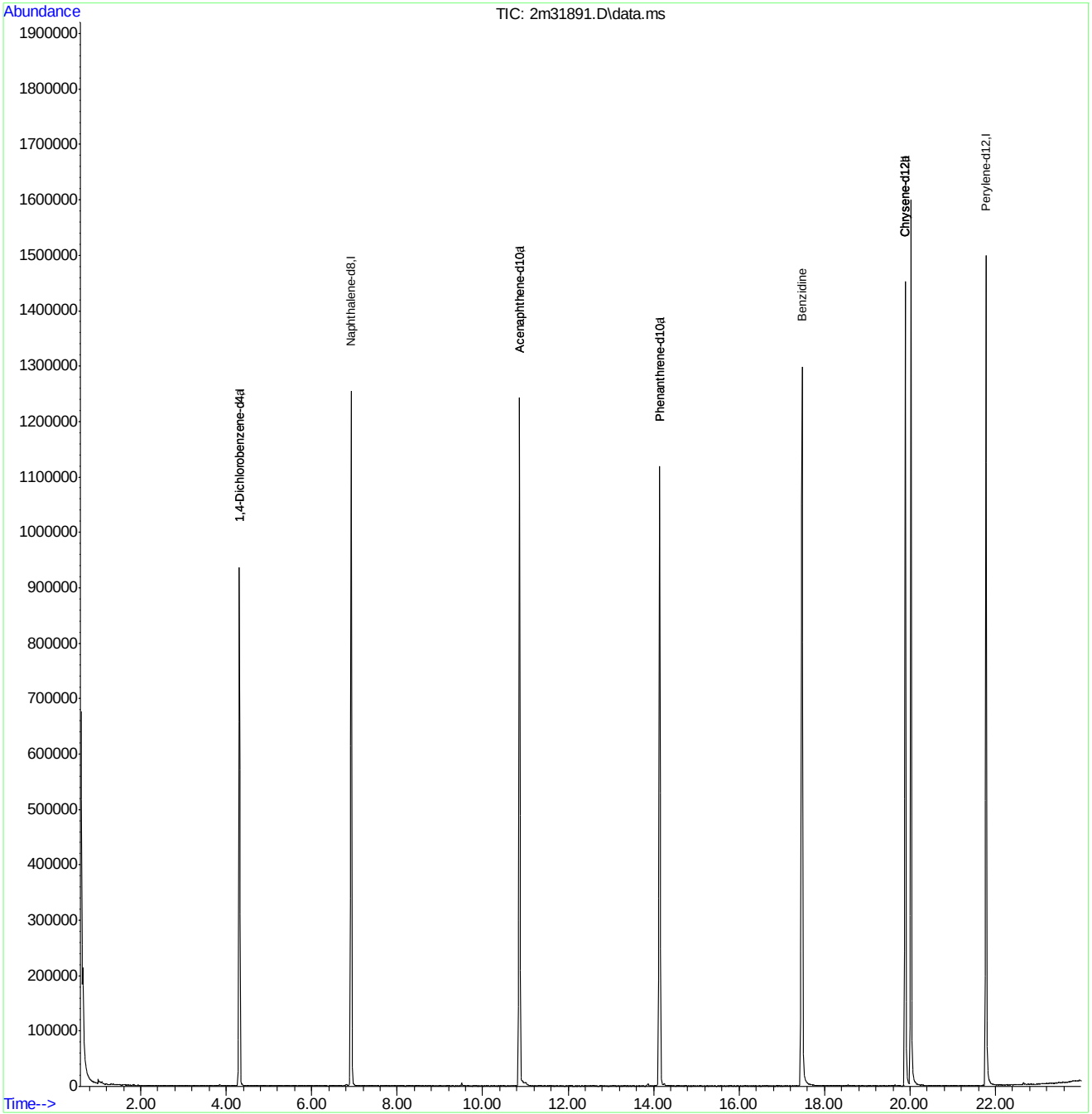
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.309	152	279192	40.00	ppb	0.00
24) Naphthalene-d8	6.925	136	1035801	40.00	ppb	-0.01
47) Acenaphthene-d10	10.862	164	572354	40.00	ppb	-0.01
69) Phenanthrene-d10	14.140	188	863603	40.00	ppb	-0.01
83) Chrysene-d12	19.890	240	890090	40.00	ppb	-0.02
92) Perylene-d12	21.778	264	803660	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	4.309	152	279192	40.00	ppb	0.00
104) Acenaphthene-d10a	10.862	164	572354	40.00	ppb	0.00
106) Chrysene-d12a	19.890	240	890090	40.00	ppb	0.00
108) Phenanthrene-d10a	14.140	188	863603	40.00	ppb	0.00
110) Chrysene-d12b	19.890	240	890090	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
107) Benzidine	17.473	184	1142254	135.65	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1370\
Data File : 2m31891.D
Acq On : 29 Sep 2010 9:55 pm
Operator : olgaa
Sample : icv1370-50
Misc : op45801,e2m1370,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 30 13:00:38 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Thu Sep 30 11:32:51 2010
Response via : Initial Calibration



8.6.21

8

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 11/23/10 17:40

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32834.D
Acq On : 22 Nov 2010 10:39 am
Operator : olgaa
Sample : cc1369-50
Misc : op46815,e2m1417,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:18:49 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 22 10:56:13 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.898	152	397794	40.00	ppb	-0.09
24) Naphthalene-d8	6.508	136	1537072	40.00	ppb	-0.09
47) Acenaphthene-d10	10.423	164	948352	40.00	ppb	-0.10
69) Phenanthrene-d10	13.707	188	1415221	40.00	ppb	-0.11
83) Chrysene-d12	19.580	240	1603559	40.00	ppb	-0.08
92) Perylene-d12	21.521	264	1468369	40.00	ppb	-0.06
102) 1,4-Dichlorobenzene-d4a	3.898	152	397898	40.00	ppb	-0.09
104) Acenaphthene-d10a	10.423	164	947678	40.00	ppb	-0.10
106) Chrysene-d12a	19.580	240	1602046	40.00	ppb	-0.08
108) Phenanthrene-d10a	13.707	188	1416737	40.00	ppb	-0.11
110) Chrysene-d12b	19.580	240	1603559	40.00	ppb	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	2.170	112	699279	46.04	ppb	-0.17
Spiked Amount 50.000			Recovery = 92.08%			
8) Phenol-d5	4.026	99	899010	46.76	ppb	-0.25
Spiked Amount 50.000			Recovery = 93.52%			
25) Nitrobenzene-d5	5.128	82	756055	48.09	ppb	-0.09
Spiked Amount 50.000			Recovery = 96.18%			
51) 2-Fluorobiphenyl	9.096	172	1481748	45.65	ppb	-0.10
Spiked Amount 50.000			Recovery = 91.30%			
73) 2,4,6-Tribromophenol	12.338	330	235381	54.35	ppb	-0.12
Spiked Amount 50.000			Recovery = 108.70%			
85) Terphenyl-d14	17.595	244	1363713	48.88	ppb	-0.11
Spiked Amount 50.000			Recovery = 97.76%			
Target Compounds						Qvalue
2) 1,4-Dioxane	0.662	88	292282	47.11	ppb	92
3) Pyridine	0.801	79	671342	40.09	ppb	93
4) N-Nitrosodimethylamine	0.811	74	419075	44.83	ppb	89
6) Indene	4.432	116	1005688	46.79	ppb	98
7) Cumene	2.544	105	1390662	47.26	ppb	98
9) Phenol	4.047	94	943903	47.31	ppb	90
10) Aniline	3.512	93	754038	33.37	ppb	99
11) bis(2-Chloroethyl)ether	3.652	93	703497	46.42	ppb	98
12) 2-Chlorophenol	3.769	128	737978	48.48	ppb	96
13) Decane	3.812	43	456959	36.82	ppb	82
14) 1,3-Dichlorobenzene	3.817	146	728602	45.82	ppb	98
15) 1,4-Dichlorobenzene	3.930	146	758903	47.09	ppb	100
16) Benzyl alcohol	4.523	108	494859	47.00	ppb	95
17) 1,2-Dichlorobenzene	4.272	146	711198	47.34	ppb	99
18) Acetophenone	4.860	105	965519	47.91	ppb	98
19) 2-Methylphenol	5.085	108	647258	45.92	ppb	99
20) 2,2'-oxybis(1-Chloropr...	4.711	45	705876	37.44	ppb	88
21) 3&4-Methylphenol	5.465	108	708596	48.30	ppb	99
22) n-Nitroso-di-n-propyla...	5.015	70	473681	45.92	ppb	95
23) Hexachloroethane	4.834	201	260768	54.89	ppb	97
26) Nitrobenzene	5.165	123	369440	46.98	ppb	97
27) Quinoline	7.364	129	1222016	46.58	ppb	99
28) Isophorone	5.727	82	1315540	48.94	ppb	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32834.D
Acq On : 22 Nov 2010 10:39 am
Operator : olgaa
Sample : cc1369-50
Misc : op46815,e2m1417,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:18:49 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 22 10:56:13 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2-Nitrophenol	5.839	139	398203	52.47	ppb	#	70
30) 2,4-Dimethylphenol	6.417	107	695977	50.96	ppb		98
31) Benzoic acid	7.230	105	550620	46.70	ppb		97
32) bis(2-Chloroethoxy)met...	6.363	93	840744	49.58	ppb		99
33) 2,4-Dichlorophenol	6.625	162	578017	49.49	ppb		98
34) 2,6-Dichlorophenol	6.978	162	588952	50.60	ppb		99
35) 1,3,5-Trichlorobenzene	5.786	180	589402	49.45	ppb		100
36) 1,2,4-Trichlorobenzene	6.470	180	579148	49.14	ppb		98
37) 1,2,3-Trichlorobenzene	6.968	180	558798	50.21	ppb		98
38) Naphthalene	6.545	128	2023004	46.80	ppb		100
39) 4-Chloroaniline	6.994	127	773919	40.72	ppb		95
40) 2,3-Dichloroaniline	8.952	161	661794	49.34	ppb		99
41) Caprolactam	7.941	55	293983	47.31	ppb		95
42) Hexachlorobutadiene	7.043	225	340510	53.62	ppb		98
43) 4-Chloro-3-methylphenol	8.588	107	633662	50.28	ppb		98
44) 2-Methylnaphthalene	8.096	142	1388441	48.61	ppb		98
45) 1-Methylnaphthalene	8.316	142	1270569	47.71	ppb		100
46) Dimethylnaphthalene	9.540	156	1140161	51.33	ppb		98
48) Hexachlorocyclopentadiene	8.636	237	567632	100.25	ppb		98
49) 2,4,6-Trichlorophenol	9.075	196	427691	50.25	ppb		99
50) 2,4,5-Trichlorophenol	9.337	196	440400	48.99	ppb		97
52) 2-Chloronaphthalene	9.161	162	1290608	45.98	ppb		98
53) Biphenyl	9.241	154	1551814	45.43	ppb		99
54) 2-Nitroaniline	9.754	65	406545	47.96	ppb		97
55) Dimethylphthalate	10.300	163	1438173	47.54	ppb		99
56) Acenaphthylene	10.059	152	1979334	47.61	ppb		99
57) 2,6-Dinitrotoluene	10.402	89	210650	54.71	ppb		90
58) 3-Nitroaniline	10.760	138	423803	48.91	ppb		97
59) Acenaphthene	10.492	153	1215303	45.68	ppb		98
60) 2,4-Dinitrophenol	10.968	184	343823	90.84	ppb		98
61) 4-Nitrophenol	11.937	109	205536	45.25	ppb	#	86
62) Dibenzofuran	10.883	168	1807796	46.08	ppb		99
63) 2,4-Dinitrotoluene	11.279	165	453831	52.25	ppb		85
64) 2,3,4,6-Tetrachlorophenol	11.514	232	327845	45.63	ppb		99
65) Diethylphthalate	11.937	149	1420429	48.38	ppb		99
66) Fluorene	11.653	166	1485829	48.18	ppb		98
67) 4-Chlorophenyl-phenyle...	11.824	204	687553	49.53	ppb		95
68) 4-Nitroaniline	12.204	138	382334	45.25	ppb		96
70) 4,6-Dinitro-2-methylph...	12.183	198	283865	52.97	ppb		97
71) n-Nitrosodiphenylamine	12.209	169	1084533	48.26	ppb		99
72) 1,2-Diphenylhydrazine	12.151	77	1675595	50.65	ppb		94
74) 4-Bromophenyl-phenylether	12.889	248	385840	51.00	ppb		96
75) Hexachlorobenzene	13.060	284	463270	51.94	ppb		95
76) Pentachlorophenol	13.707	266	496408	88.30	ppb		99
77) Phenanthrene	13.766	178	1930672	44.56	ppb		100
78) Anthracene	13.867	178	2044552	47.89	ppb		99
79) Carbazole	14.504	167	1894282	45.35	ppb		99
80) Di-n-butylphthalate	15.697	149	2378218	53.25	ppb		99
81) Fluoranthene	16.451	202	2142103	50.68	ppb		100
82) Octadecane	14.108	57	824909	45.69	ppb		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32834.D
Acq On : 22 Nov 2010 10:39 am
Operator : olgaa
Sample : cc1369-50
Misc : op46815,e2m1417,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:18:49 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 22 10:56:13 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Pyrene	16.900	202	2260748	47.17	ppb	99
86) Butylbenzylphthalate	19.002	149	1059188	50.41	ppb	98
87) Butyl stearate	19.286	56	650104	48.30	ppb	90
88) Benzo[a]anthracene	19.553	228	2084184	47.00	ppb	100
89) 3,3'-Dichlorobenzidine	19.735	252	773418	47.37	ppb	97
90) Chrysene	19.623	228	2132555	48.74	ppb	99
91) bis(2-Ethylhexyl)phtha...	20.152	149	1484363	53.10	ppb	100
93) Di-n-octylphthalate	20.986	149	2478595	52.22	ppb	98
94) Benzo[b]fluoranthene	21.120	252	2148418m	52.04	ppb	
95) Benzo[k]fluoranthene	21.142	252	2368643m	53.12	ppb	
96) Benzo[a]pyrene	21.452	252	2112493	53.72	ppb	98
97) Indeno[1,2,3-cd]pyrene	22.596	276	1797670m	53.83	ppb	
98) Dibenz(a,h)acridine	22.415	279	1664802	53.16	ppb	100
99) Dibenz[a,h]anthracene	22.629	278	1950711	55.31	ppb	99
100) 7,12-Dimethylbenz(a)an...	21.142	256	958462	53.59	ppb	99
101) Benzo[g,h,i]perylene	22.810	276	2027566	52.53	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

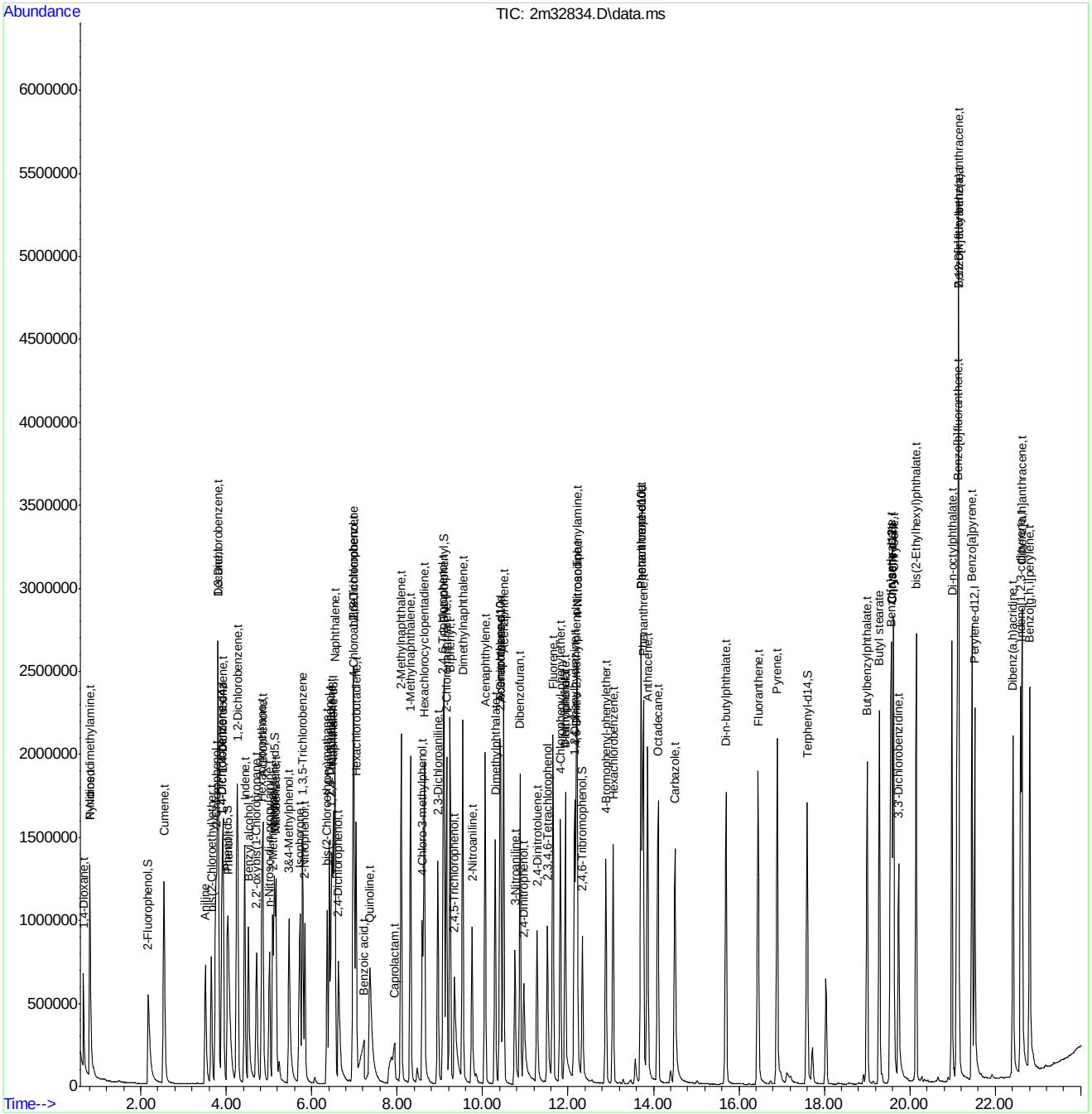
8.6.22

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32834.D
Acq On : 22 Nov 2010 10:39 am
Operator : olgaa
Sample : cc1369-50
Misc : op46815,e2m1417,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:18:49 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 22 10:56:13 2010
Response via : Initial Calibration



Manual Integration Approval Summary

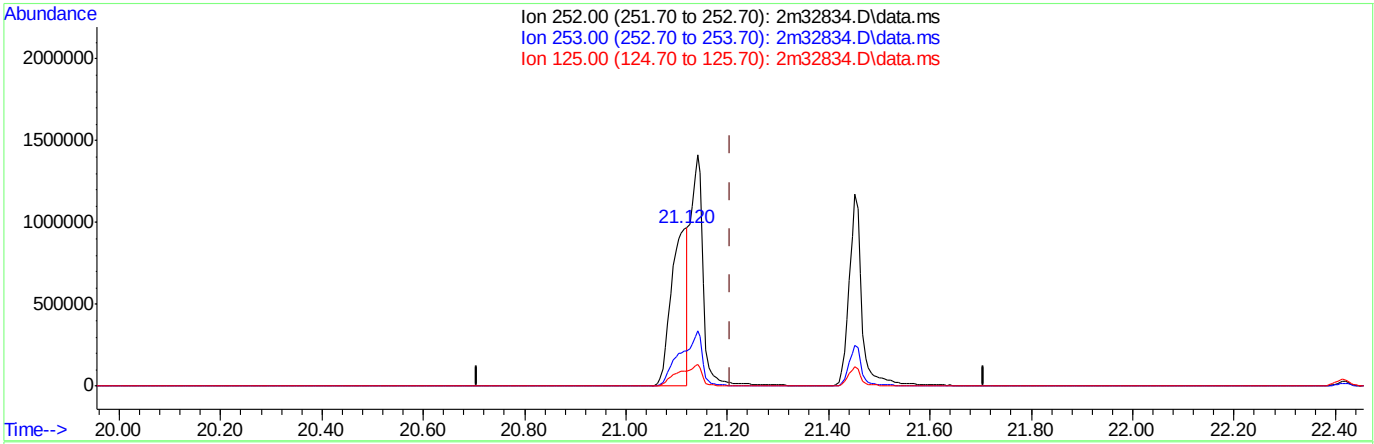
Sample Number: E2M1417-CC1369 **Method:** SW846 8270C
Lab FileID: 2M32834.D **Analyst approved:** 11/23/10 17:08 Olga Azarihn
Injection Time: 11/22/10 10:39 **Supervisor approved:** 11/23/10 17:40 Kristi Schollenberger

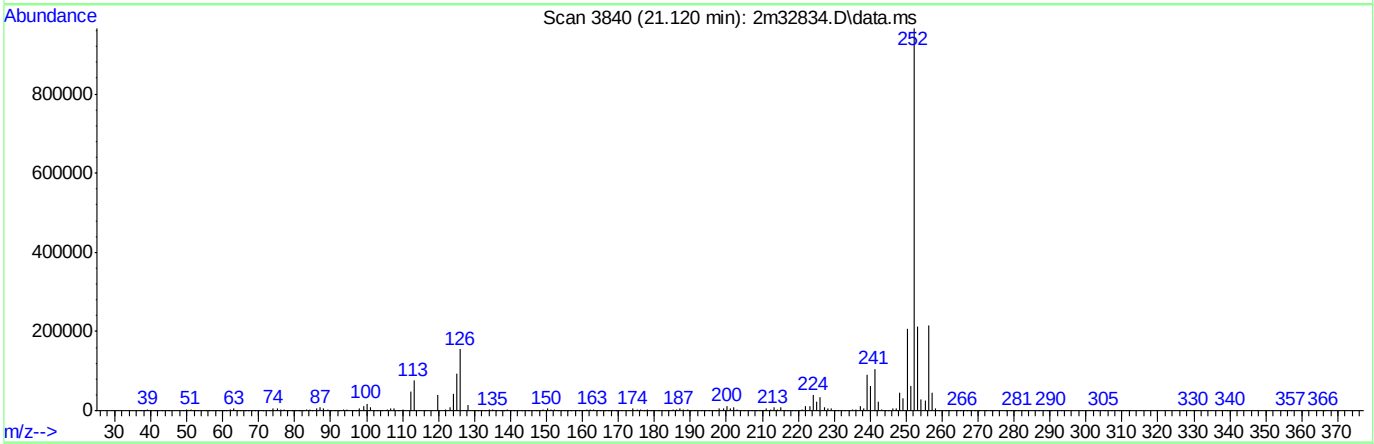
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		21.12	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.14	Overlapping peak
Indeno(1,2,3-cd)pyrene	193-39-5		22.60	Overlapping peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32834.D
Acq On : 22 Nov 2010 10:39 am
Operator : olgaa
Sample : cc1369-50
Misc : op46815,e2m1417,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:18:49 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 22 10:56:13 2010
Response via : Initial Calibration





TIC: 2m32834.D\data.ms

(94) Benzo[b]fluoranthene (t)

21.120min (-0.086) 52.04ppb m

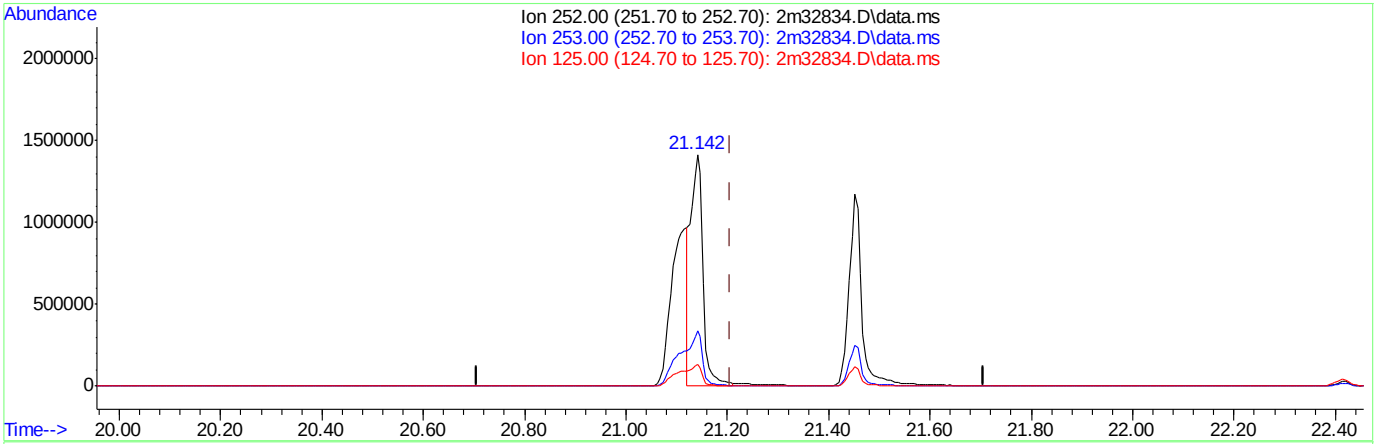
response 2148418

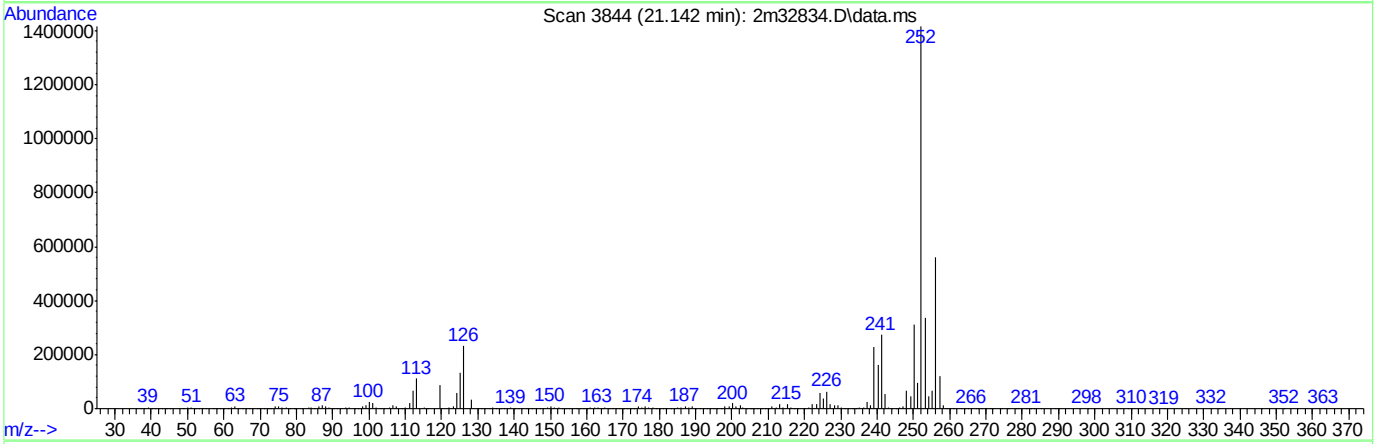
Ion	Exp%	Act%
252.00	100	100
253.00	21.30	22.08
125.00	9.20	9.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32834.D
Acq On : 22 Nov 2010 10:39 am
Operator : olgaa
Sample : cc1369-50
Misc : op46815,e2m1417,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:18:49 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 22 10:56:13 2010
Response via : Initial Calibration





TIC: 2m32834.D\data.ms

(95) Benzo[k]fluoranthene (t)

21.142min (-0.064) 53.12ppb m

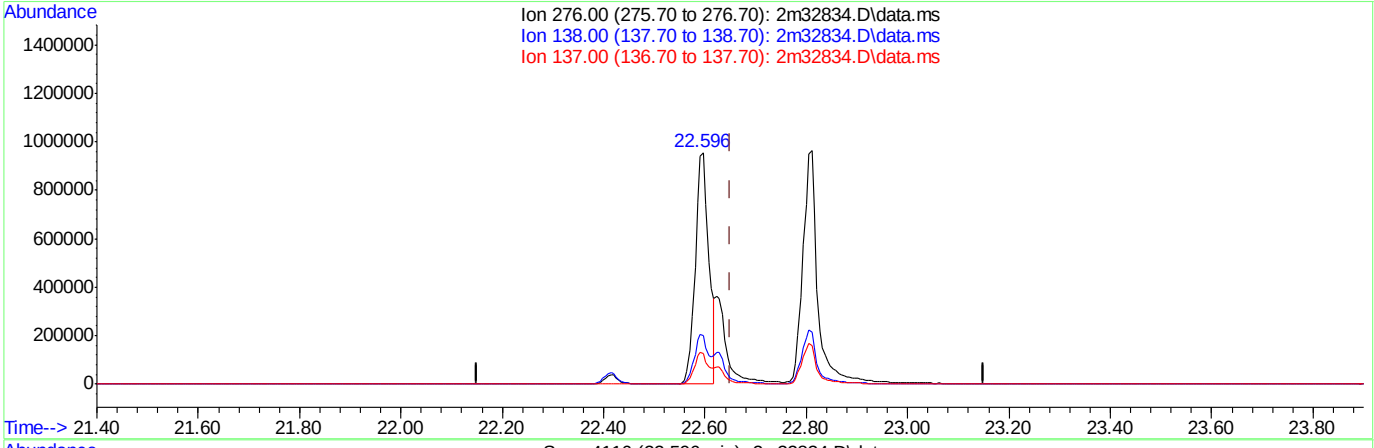
response 2368643

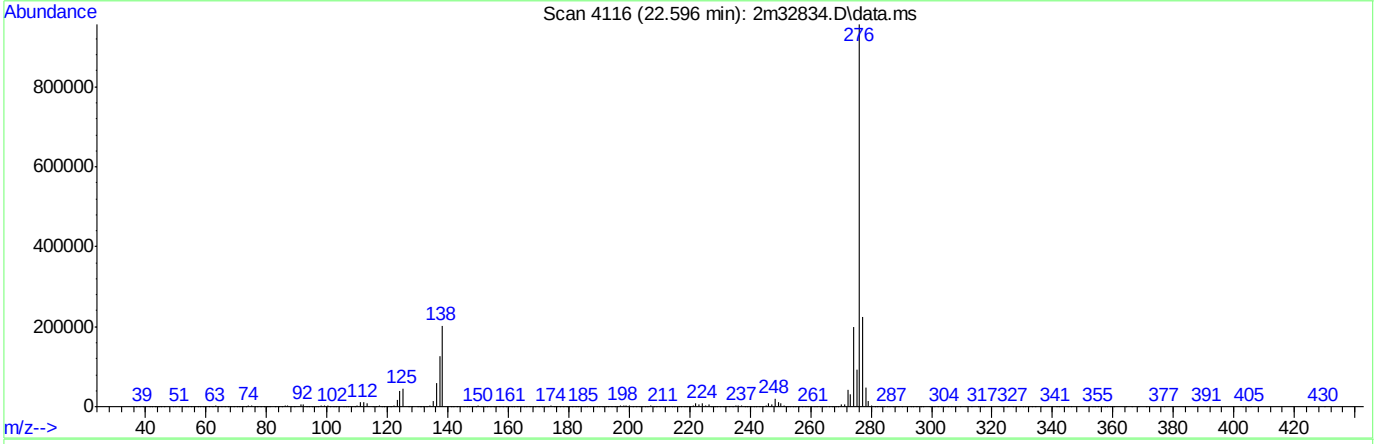
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.65
125.00	10.40	9.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32834.D
Acq On : 22 Nov 2010 10:39 am
Operator : olgaa
Sample : cc1369-50
Misc : op46815,e2m1417,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:18:49 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 22 10:56:13 2010
Response via : Initial Calibration





TIC: 2m32834.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

22.596min (-0.054) 53.83ppb m

response 1797670

Ion	Exp%	Act%
276.00	100	100
138.00	21.90	21.20
137.00	14.90	13.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32835.D
Acq On : 22 Nov 2010 11:29 am
Operator : olgaa
Sample : cc1370-25
Misc : op46815,e2m1417,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 23 16:21:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:20:07 2010
Response via : Initial Calibration

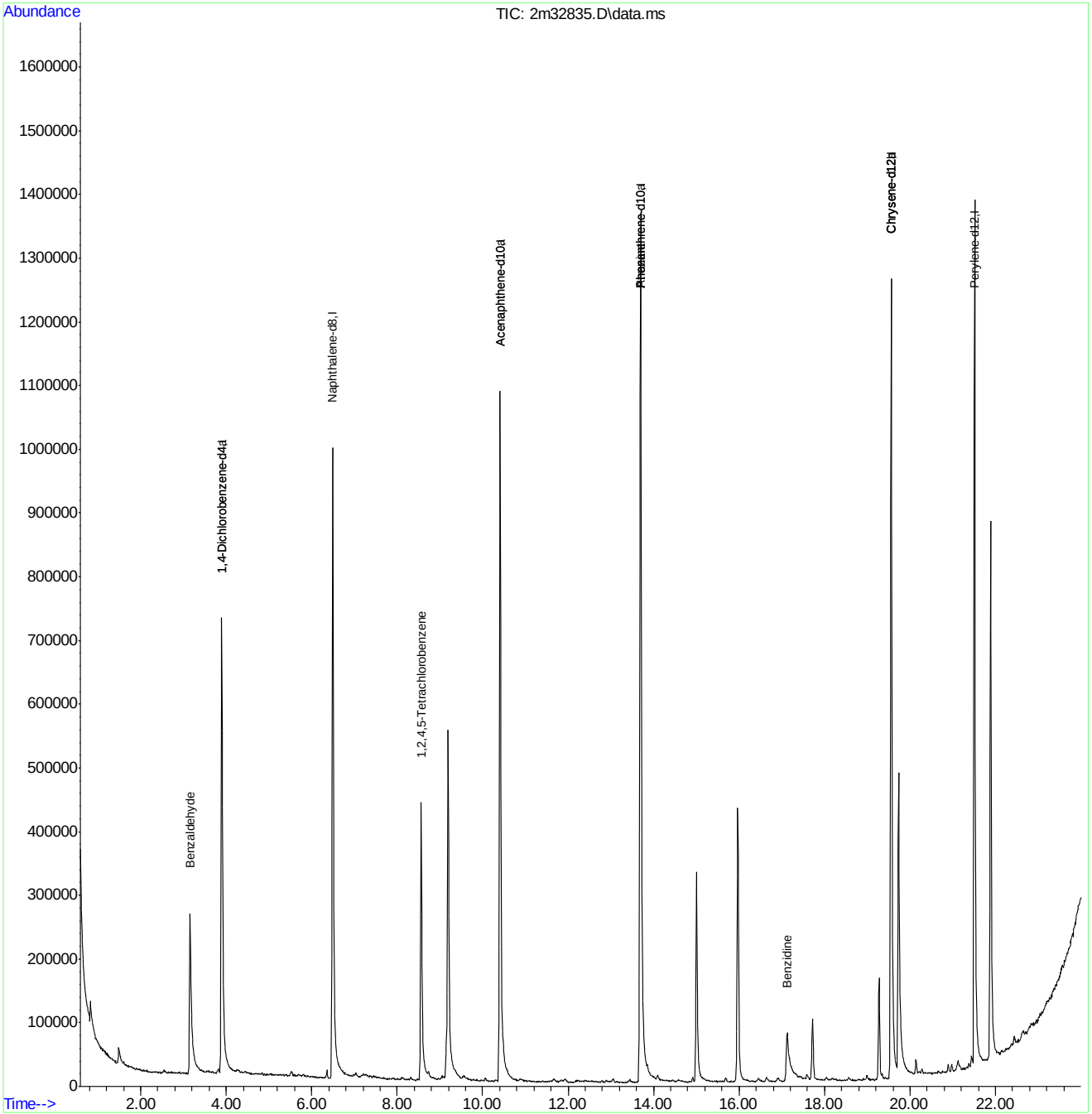
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.898	152	327938	40.00	ppb	0.00
24) Naphthalene-d8	6.492	136	1203604	40.00	ppb	0.00
47) Acenaphthene-d10	10.412	164	689431	40.00	ppb	0.00
69) Phenanthrene-d10	13.702	188	1028011	40.00	ppb	0.00
83) Chrysene-d12	19.558	240	1118272	40.00	ppb	0.00
92) Perylene-d12	21.511	264	1078999	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	3.898	152	327938	40.00	ppb	0.00
104) Acenaphthene-d10a	10.412	164	689431	40.00	ppb	0.00
106) Chrysene-d12a	19.558	240	1118272	40.00	ppb	0.00
108) Phenanthrene-d10a	13.702	188	1028011	40.00	ppb	0.00
110) Chrysene-d12b	19.558	240	1118272	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.154	105	192840	22.32	ppb	97
105) 1,2,4,5-Tetrachloroben...	8.562	216	212671	25.60	ppb	98
107) Benzidine	17.125	184	210011	19.85	ppb	97
109) Atrazine	13.696	215	75184	28.33	ppb	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1417\
Data File : 2m32835.D
Acq On : 22 Nov 2010 11:29 am
Operator : olgaa
Sample : cc1370-25
Misc : op46815,e2m1417,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 23 16:21:17 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 23 16:20:07 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32901.D
Acq On : 24 Nov 2010 1:33 pm
Operator : olgaa
Sample : ic1421-100
Misc : op46686,e2m1421,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 11:22:21 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration

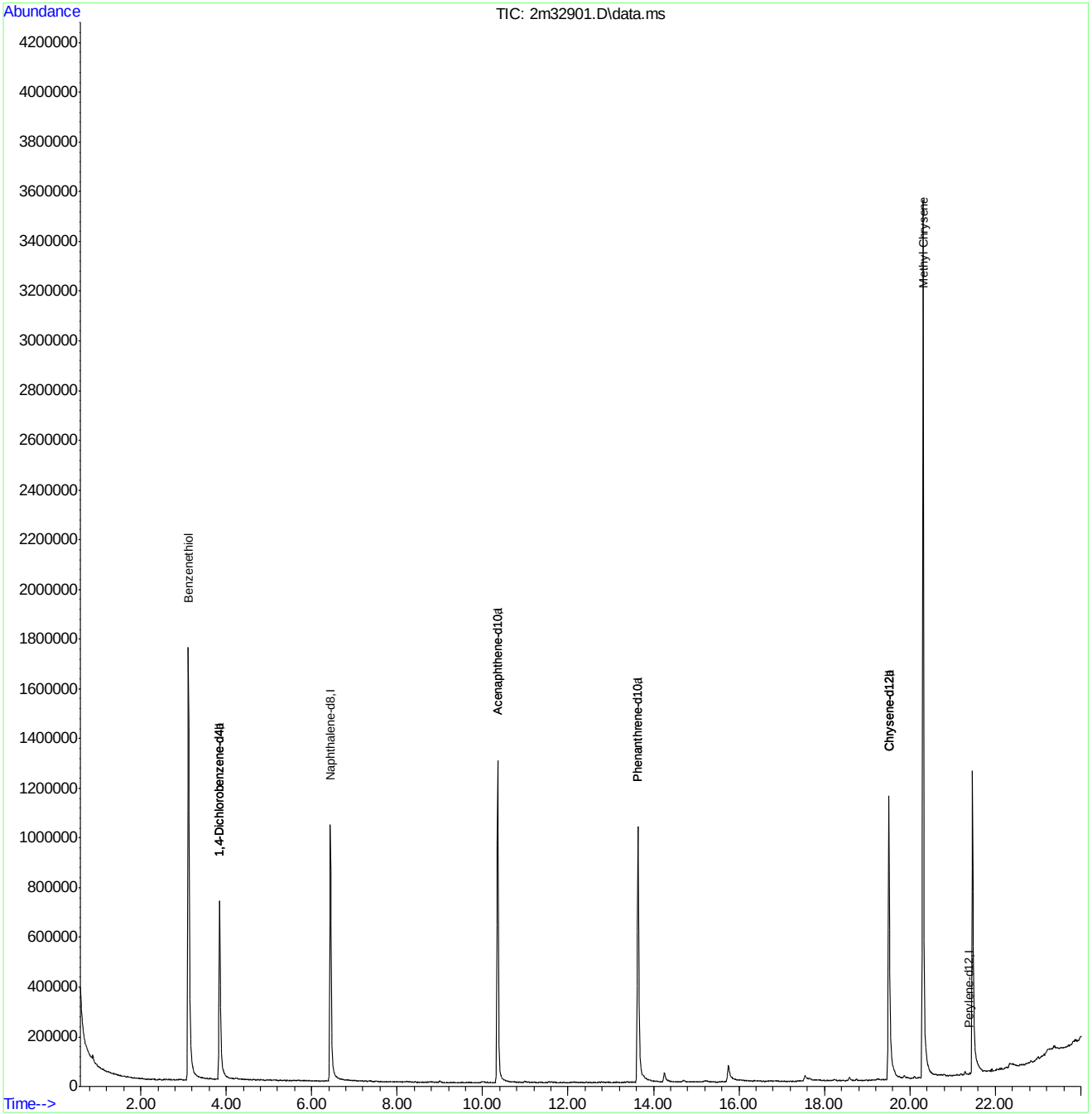
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.844	152	335113	40.00	ppb	-0.14
24) Naphthalene-d8	6.438	136	1235505	40.00	ppb	-0.16
47) Acenaphthene-d10	10.353	164	753279	40.00	ppb	-0.17
69) Phenanthrene-d10	13.637	188	1102229	40.00	ppb	-0.18
83) Chrysene-d12	19.510	240	1140623	40.00	ppb	-0.15
92) Perylene-d12	21.387	264	2006	40.00	ppb	-0.20
102) 1,4-Dichlorobenzene-d4a	3.844	152	334370	40.00	ppb	-0.14
104) Acenaphthene-d10a	10.353	164	747964	40.00	ppb	-0.17
106) Chrysene-d12a	19.510	240	1132774	40.00	ppb	-0.15
108) Phenanthrene-d10a	13.637	188	1108986	40.00	ppb	-0.18
110) Chrysene-d12b	19.510	240	1140623	40.00	ppb	-0.15
112) 1,4-Dichlorobenzene-d4b	3.844	152	334370	40.00	ppb	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.312	242	2238392	100.17	ppb	# 68
113) Benzenethiol	3.117	110	1473407	98.31	ppb	# 86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32901.D
Acq On : 24 Nov 2010 1:33 pm
Operator : olgaa
Sample : ic1421-100
Misc : op46686,e2m1421,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 11:22:21 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32902.D
Acq On : 24 Nov 2010 2:12 pm
Operator : olgaa
Sample : ic1421-80
Misc : op46686,e2m1421,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:14:42 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:13:56 2010
Response via : Initial Calibration

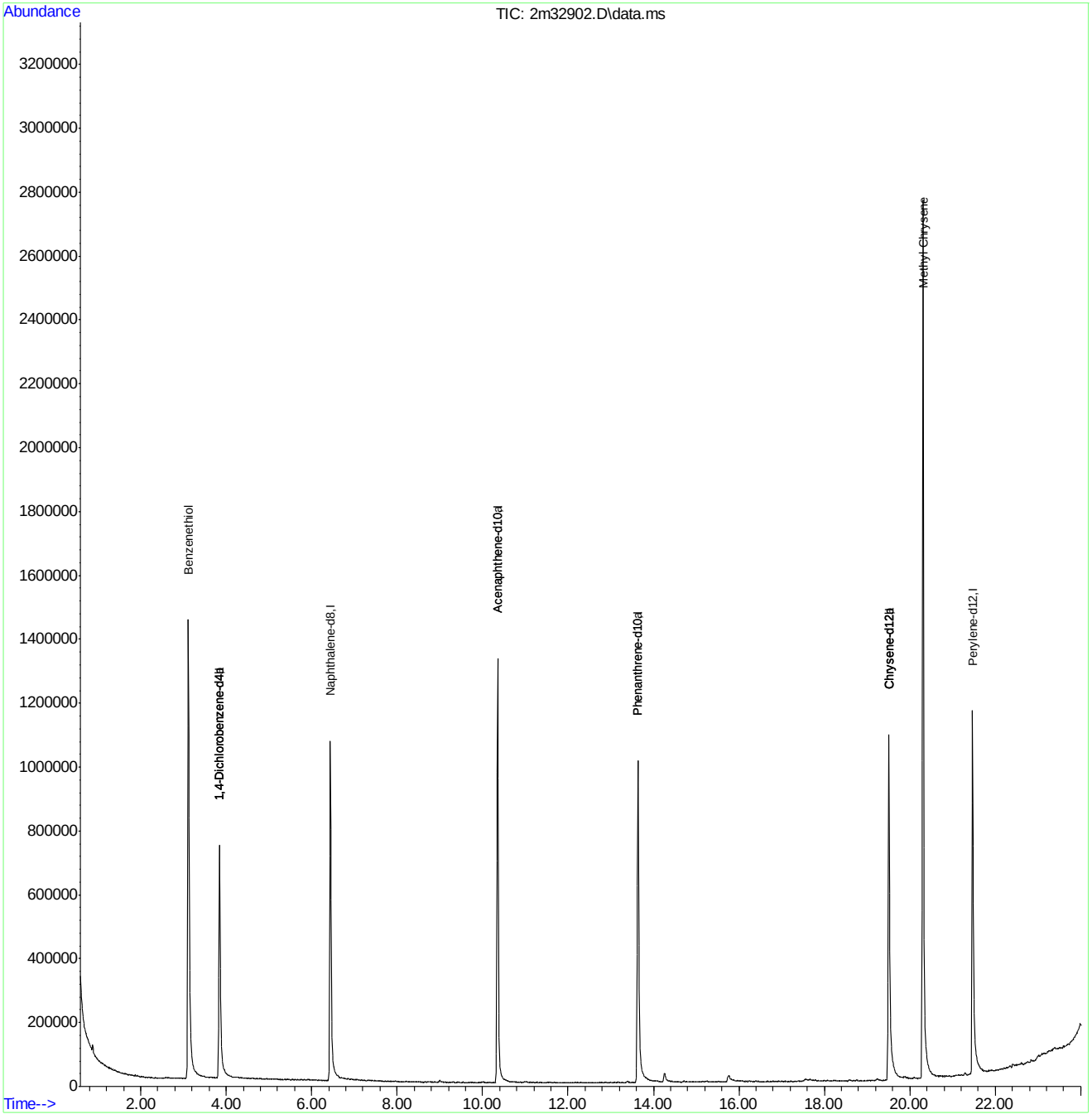
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.844	152	338059	40.00	ppb	-0.14
24) Naphthalene-d8	6.438	136	1245575	40.00	ppb	-0.16
47) Acenaphthene-d10	10.353	164	751598	40.00	ppb	-0.17
69) Phenanthrene-d10	13.637	188	1085211	40.00	ppb	-0.18
83) Chrysene-d12	19.510	240	1117472	40.00	ppb	-0.15
92) Perylene-d12	21.468	264	1048100	40.00	ppb	-0.12
102) 1,4-Dichlorobenzene-d4a	3.844	152	337546	40.00	ppb	-0.14
104) Acenaphthene-d10a	10.353	164	745699	40.00	ppb	-0.17
106) Chrysene-d12a	19.510	240	1109617	40.00	ppb	-0.15
108) Phenanthrene-d10a	13.637	188	1092958	40.00	ppb	-0.18
110) Chrysene-d12b	19.510	240	1098405	40.00	ppb	0.00
112) 1,4-Dichlorobenzene-d4b	3.844	152	334702	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.313	242	1823053	84.58	ppb	# 68
113) Benzenethiol	3.117	110	1260434	85.46	ppb	# 84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32902.D
Acq On : 24 Nov 2010 2:12 pm
Operator : olgaa
Sample : ic1421-80
Misc : op46686,e2m1421,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:14:42 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:13:56 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32903.D
Acq On : 24 Nov 2010 2:42 pm
Operator : olgaa
Sample : icc1421-50
Misc : op46686,e2m1421,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 29 11:15:08 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:13:56 2010
Response via : Initial Calibration

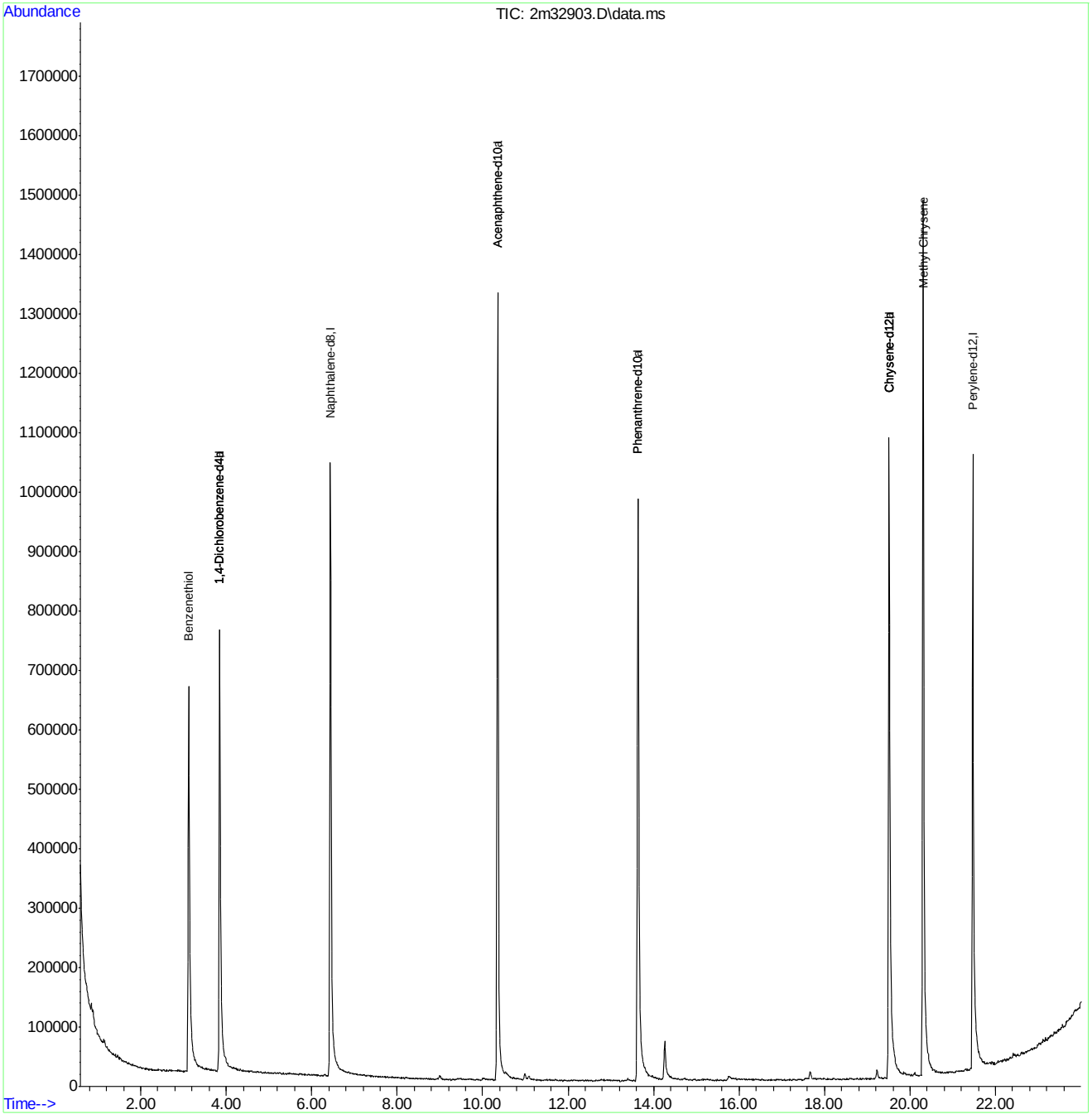
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.844	152	356541	40.00	ppb	-0.14
24) Naphthalene-d8	6.438	136	1279921	40.00	ppb	-0.16
47) Acenaphthene-d10	10.353	164	770943	40.00	ppb	-0.17
69) Phenanthrene-d10	13.637	188	1085686	40.00	ppb	-0.18
83) Chrysene-d12	19.510	240	1091704	40.00	ppb	-0.15
92) Perylene-d12	21.468	264	957903	40.00	ppb	-0.12
102) 1,4-Dichlorobenzene-d4a	3.844	152	355809	40.00	ppb	-0.14
104) Acenaphthene-d10a	10.353	164	764031	40.00	ppb	-0.17
106) Chrysene-d12a	19.510	240	1083307	40.00	ppb	-0.15
108) Phenanthrene-d10a	13.637	188	1095201	40.00	ppb	-0.18
110) Chrysene-d12b	19.510	240	1067465	40.00	ppb	0.00
112) 1,4-Dichlorobenzene-d4b	3.844	152	352575	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.307	242	1094392	52.24	ppb	# 68
113) Benzenethiol	3.117	110	660158	42.49	ppb	# 84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32903.D
Acq On : 24 Nov 2010 2:42 pm
Operator : olgaa
Sample : icc1421-50
Misc : op46686,e2m1421,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 29 11:15:08 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:13:56 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32904.D
Acq On : 24 Nov 2010 3:13 pm
Operator : olgaa
Sample : ic1421-25
Misc : op46686,e2m1421,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 29 11:15:32 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:13:56 2010
Response via : Initial Calibration

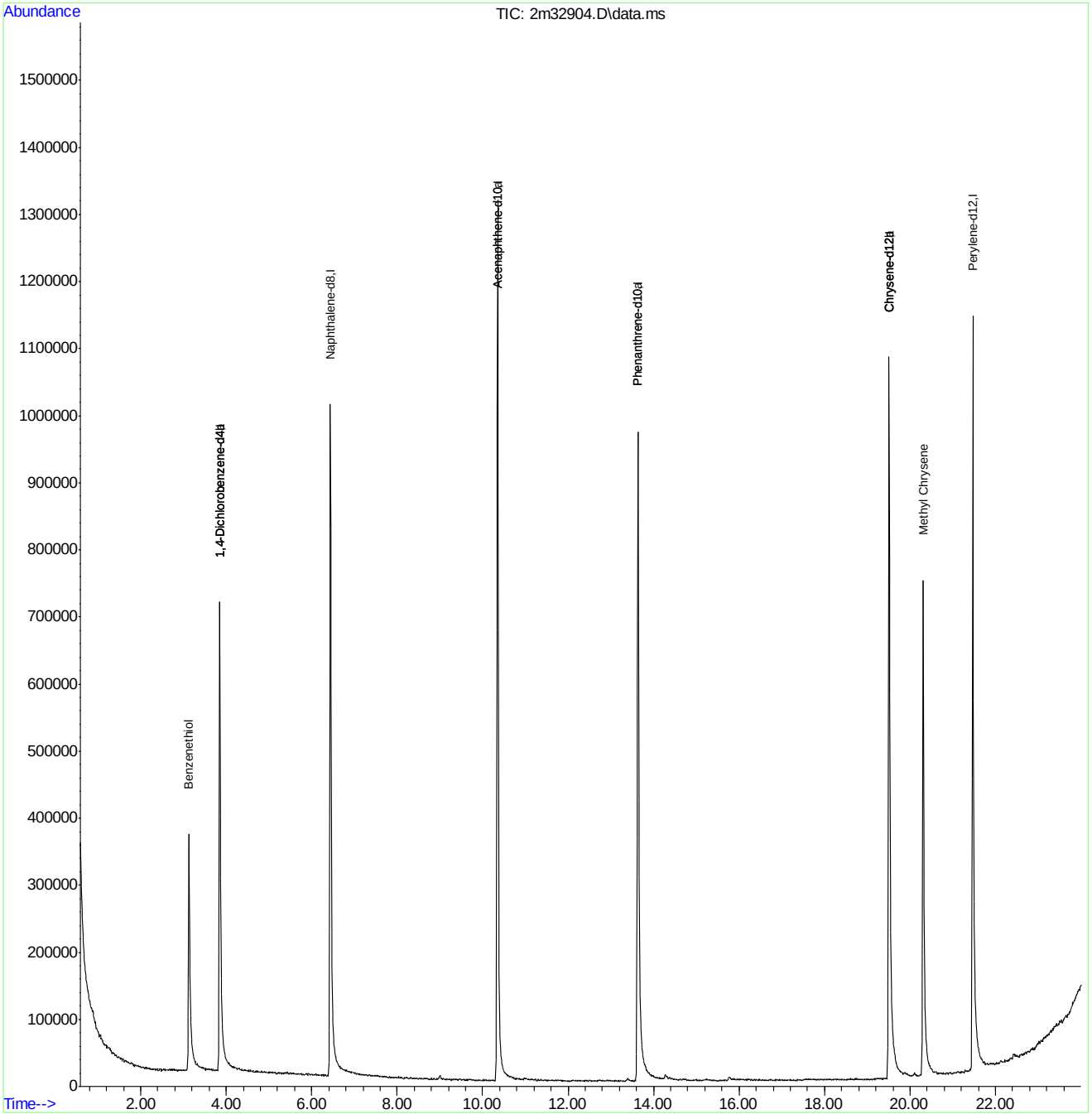
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.849	152	338329	40.00	ppb	-0.14
24) Naphthalene-d8	6.438	136	1243265	40.00	ppb	-0.16
47) Acenaphthene-d10	10.353	164	770258	40.00	ppb	-0.17
69) Phenanthrene-d10	13.637	188	1102046	40.00	ppb	-0.18
83) Chrysene-d12	19.510	240	1128925	40.00	ppb	-0.15
92) Perylene-d12	21.468	264	1052876	40.00	ppb	-0.12
102) 1,4-Dichlorobenzene-d4a	3.849	152	337620	40.00	ppb	-0.14
104) Acenaphthene-d10a	10.353	164	763513	40.00	ppb	-0.17
106) Chrysene-d12a	19.510	240	1119834	40.00	ppb	-0.15
108) Phenanthrene-d10a	13.637	188	1112311	40.00	ppb	-0.18
110) Chrysene-d12b	19.510	240	1104880	40.00	ppb	0.00
112) 1,4-Dichlorobenzene-d4b	3.849	152	333843	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.307	242	549855	25.36	ppb	# 68
113) Benzenethiol	3.127	110	372080	25.29	ppb	# 84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32904.D
Acq On : 24 Nov 2010 3:13 pm
Operator : olgaa
Sample : ic1421-25
Misc : op46686,e2m1421,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 29 11:15:32 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:13:56 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32905.D
Acq On : 24 Nov 2010 3:44 pm
Operator : olgaa
Sample : ic1421-10
Misc : op46686,e2m1421,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 11:23:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration

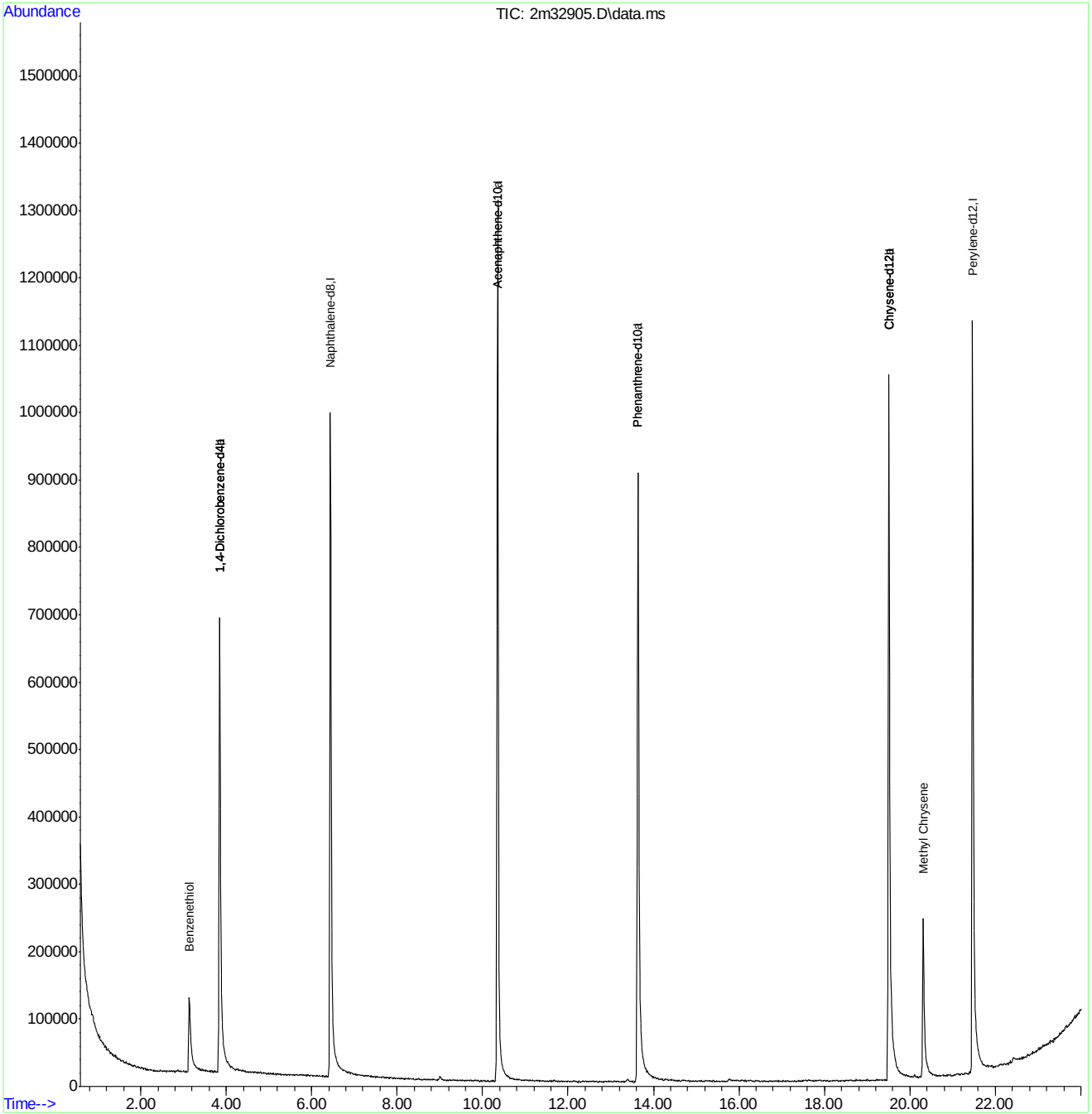
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.849	152	334488	40.00	ppb	-0.14
24) Naphthalene-d8	6.438	136	1236114	40.00	ppb	-0.16
47) Acenaphthene-d10	10.353	164	757226	40.00	ppb	-0.17
69) Phenanthrene-d10	13.632	188	1085310	40.00	ppb	-0.18
83) Chrysene-d12	19.510	240	1112205	40.00	ppb	-0.15
92) Perylene-d12	21.468	264	1060433	40.00	ppb	-0.12
102) 1,4-Dichlorobenzene-d4a	3.849	152	333801	40.00	ppb	-0.14
104) Acenaphthene-d10a	10.353	164	750218	40.00	ppb	-0.17
106) Chrysene-d12a	19.510	240	1103515	40.00	ppb	-0.15
108) Phenanthrene-d10a	13.632	188	1096691	40.00	ppb	-0.18
110) Chrysene-d12b	19.510	240	1112205	40.00	ppb	-0.15
112) 1,4-Dichlorobenzene-d4b	3.849	152	333331	40.00	ppb	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.312	242	206134	9.46	ppb	# 69
113) Benzenethiol	3.138	110	143054	9.57	ppb	# 85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32905.D
Acq On : 24 Nov 2010 3:44 pm
Operator : olgaa
Sample : ic1421-10
Misc : op46686,e2m1421,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 11:23:09 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32906.D
Acq On : 24 Nov 2010 6:01 pm
Operator : olgaa
Sample : ic1421-5
Misc : op46686,e2m1421,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 29 11:23:58 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration

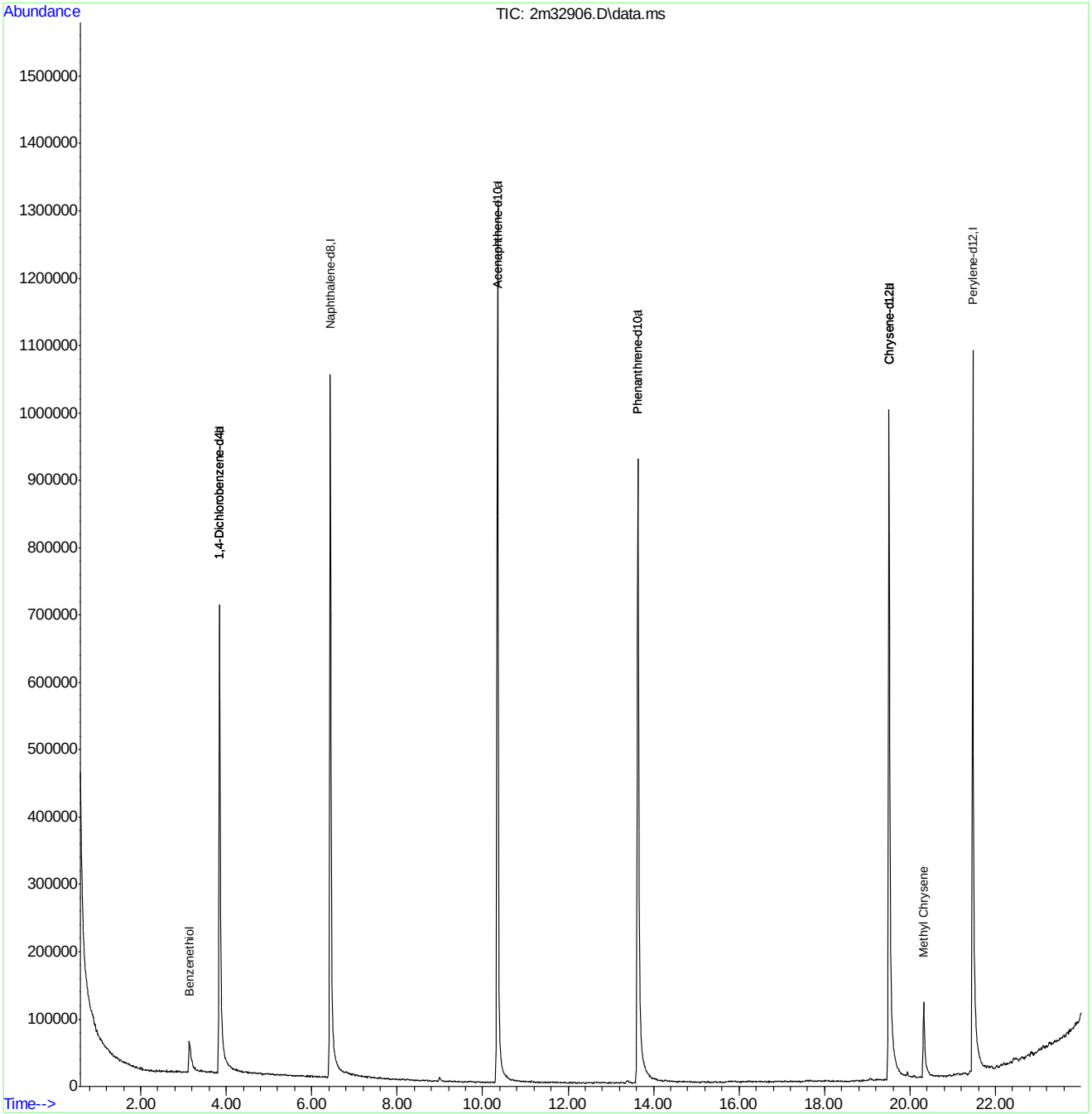
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.844	152	349562	40.00	ppb	-0.14
24) Naphthalene-d8	6.438	136	1282579	40.00	ppb	-0.16
47) Acenaphthene-d10	10.353	164	773475	40.00	ppb	-0.17
69) Phenanthrene-d10	13.632	188	1085837	40.00	ppb	-0.18
83) Chrysene-d12	19.510	240	1064906	40.00	ppb	-0.15
92) Perylene-d12	21.468	264	996983	40.00	ppb	-0.12
102) 1,4-Dichlorobenzene-d4a	3.844	152	348785	40.00	ppb	-0.14
104) Acenaphthene-d10a	10.353	164	766018	40.00	ppb	-0.17
106) Chrysene-d12a	19.510	240	1056770	40.00	ppb	-0.15
108) Phenanthrene-d10a	13.632	188	1096080	40.00	ppb	-0.18
110) Chrysene-d12b	19.510	240	1064906	40.00	ppb	-0.15
112) 1,4-Dichlorobenzene-d4b	3.844	152	348667	40.00	ppb	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.318	242	101141	4.85	ppb	# 67
113) Benzenethiol	3.144	110	68759	4.40	ppb	# 85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32906.D
Acq On : 24 Nov 2010 6:01 pm
Operator : olgaa
Sample : ic1421-5
Misc : op46686,e2m1421,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 29 11:23:58 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32907.D
Acq On : 24 Nov 2010 6:32 pm
Operator : olgaa
Sample : ic1421-2
Misc : op46686,e2m1421,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 29 11:24:37 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration

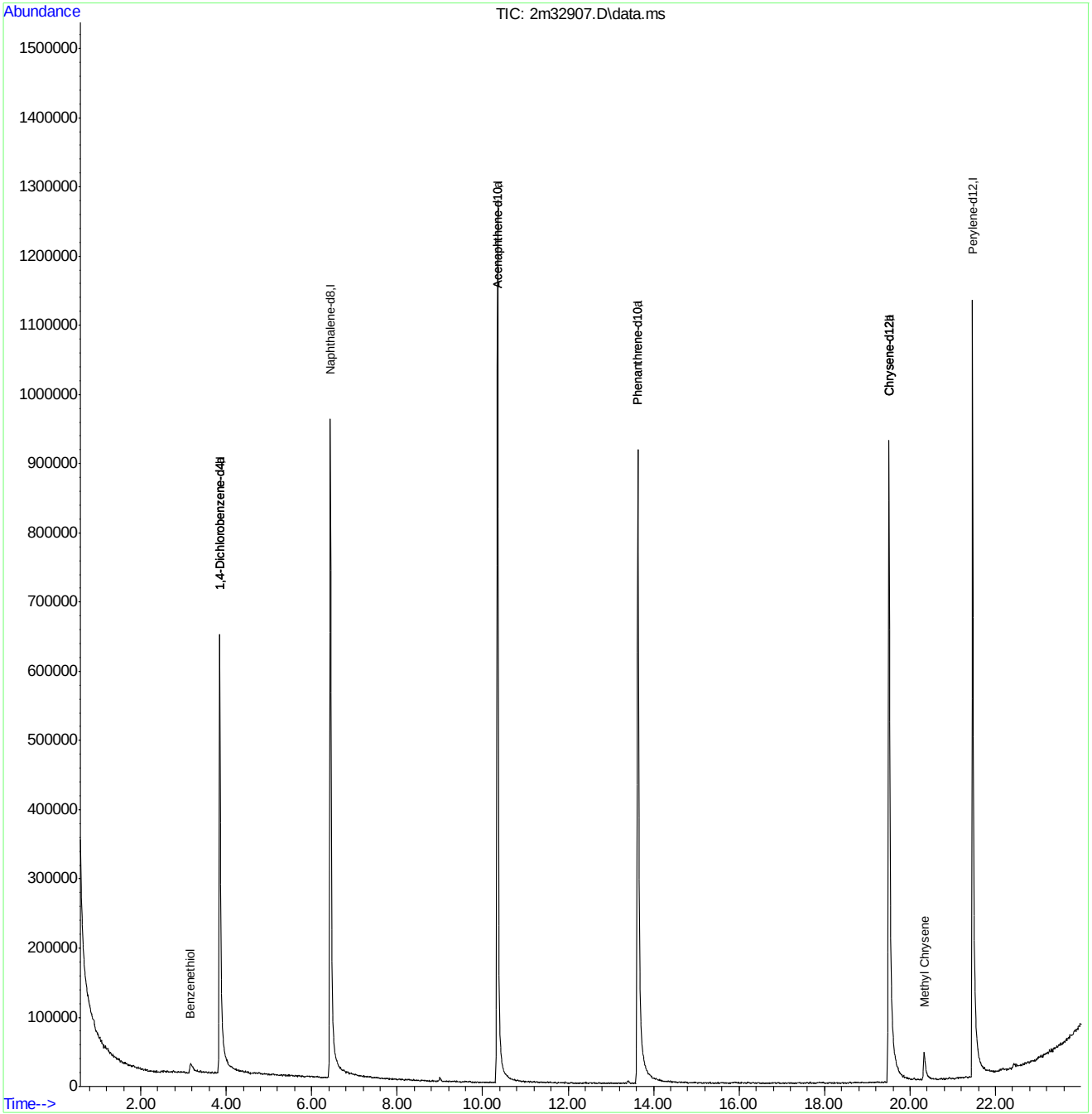
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.850	152	324109	40.00	ppb	-0.14
24) Naphthalene-d8	6.438	136	1225551	40.00	ppb	-0.16
47) Acenaphthene-d10	10.353	164	766739	40.00	ppb	-0.17
69) Phenanthrene-d10	13.632	188	1091004	40.00	ppb	-0.18
83) Chrysene-d12	19.510	240	1109666	40.00	ppb	-0.15
92) Perylene-d12	21.463	264	1056073	40.00	ppb	-0.12
102) 1,4-Dichlorobenzene-d4a	3.850	152	323311	40.00	ppb	-0.14
104) Acenaphthene-d10a	10.353	164	758030	40.00	ppb	-0.17
106) Chrysene-d12a	19.510	240	1098006	40.00	ppb	-0.15
108) Phenanthrene-d10a	13.632	188	1103765	40.00	ppb	-0.18
110) Chrysene-d12b	19.510	240	1109666	40.00	ppb	-0.15
112) 1,4-Dichlorobenzene-d4b	3.850	152	322996	40.00	ppb	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.329	242	42924	1.97	ppb	# 67
113) Benzenethiol	3.165	110	24868	1.72	ppb	# 84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32907.D
Acq On : 24 Nov 2010 6:32 pm
Operator : olgaa
Sample : ic1421-2
Misc : op46686,e2m1421,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 29 11:24:37 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32908.D
Acq On : 24 Nov 2010 7:03 pm
Operator : olgaa
Sample : ic1421-1
Misc : op46686,e2m1421,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 29 11:25:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration

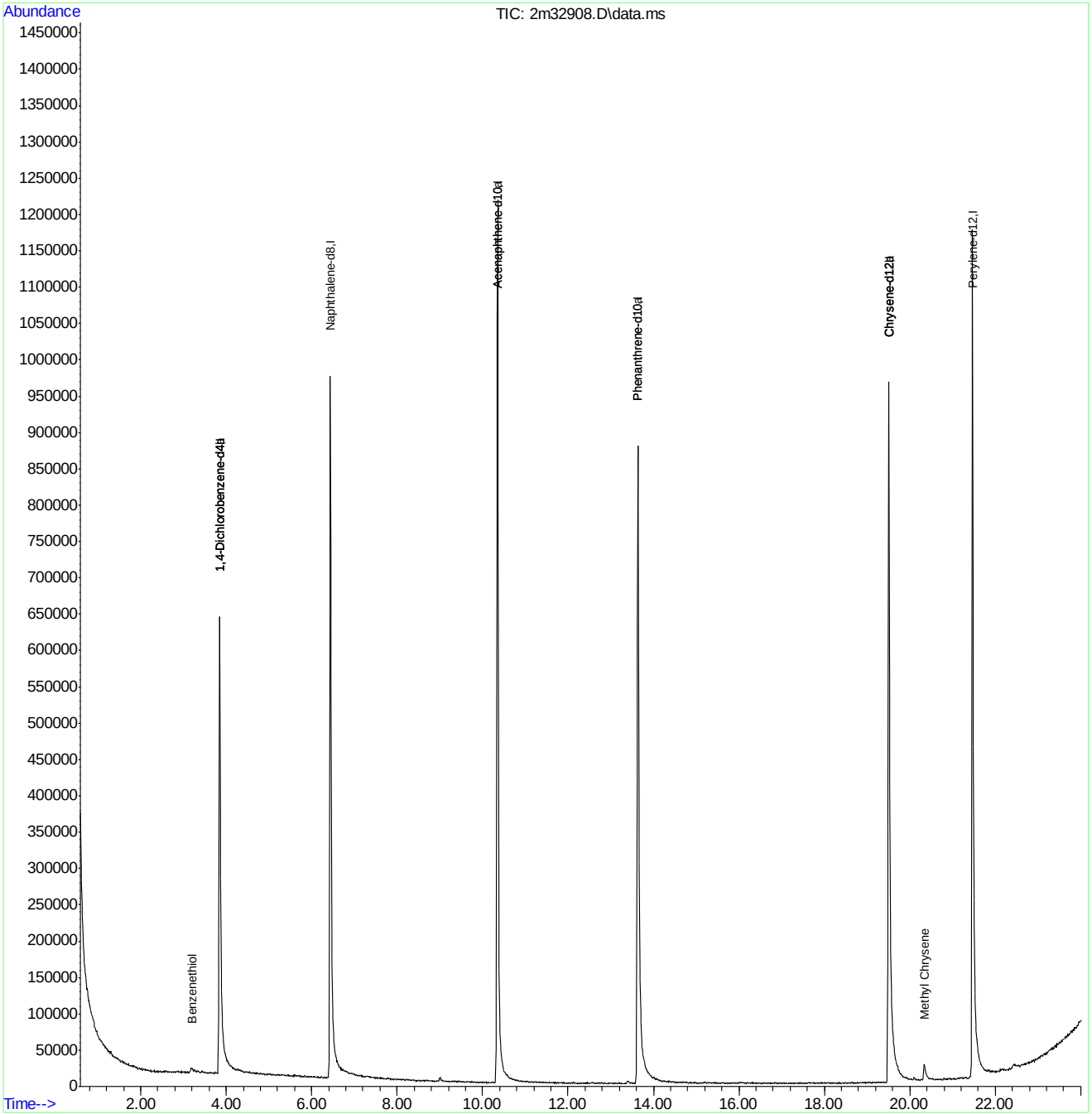
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.849	152	323466	40.00	ppb	-0.14
24) Naphthalene-d8	6.438	136	1216473	40.00	ppb	-0.16
47) Acenaphthene-d10	10.353	164	764878	40.00	ppb	-0.17
69) Phenanthrene-d10	13.637	188	1094070	40.00	ppb	-0.18
83) Chrysene-d12	19.510	240	1124424	40.00	ppb	-0.15
92) Perylene-d12	21.462	264	1060361	40.00	ppb	-0.12
102) 1,4-Dichlorobenzene-d4a	3.849	152	322444	40.00	ppb	-0.14
104) Acenaphthene-d10a	10.353	164	756447	40.00	ppb	-0.17
106) Chrysene-d12a	19.510	240	1114642	40.00	ppb	-0.15
108) Phenanthrene-d10a	13.637	188	1106610	40.00	ppb	-0.18
110) Chrysene-d12b	19.510	240	1124424	40.00	ppb	-0.15
112) 1,4-Dichlorobenzene-d4b	3.849	152	322108	40.00	ppb	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.334	242	22907	1.04	ppb	# 69
113) Benzenethiol	3.197	110	12534	0.87	ppb	# 82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32908.D
Acq On : 24 Nov 2010 7:03 pm
Operator : olgaa
Sample : ic1421-1
Misc : op46686,e2m1421,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 29 11:25:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:21:51 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32909.D
Acq On : 24 Nov 2010 7:34 pm
Operator : olgaa
Sample : icv1421-50
Misc : op46686,e2m1421,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 29 11:35:03 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:34:29 2010
Response via : Initial Calibration

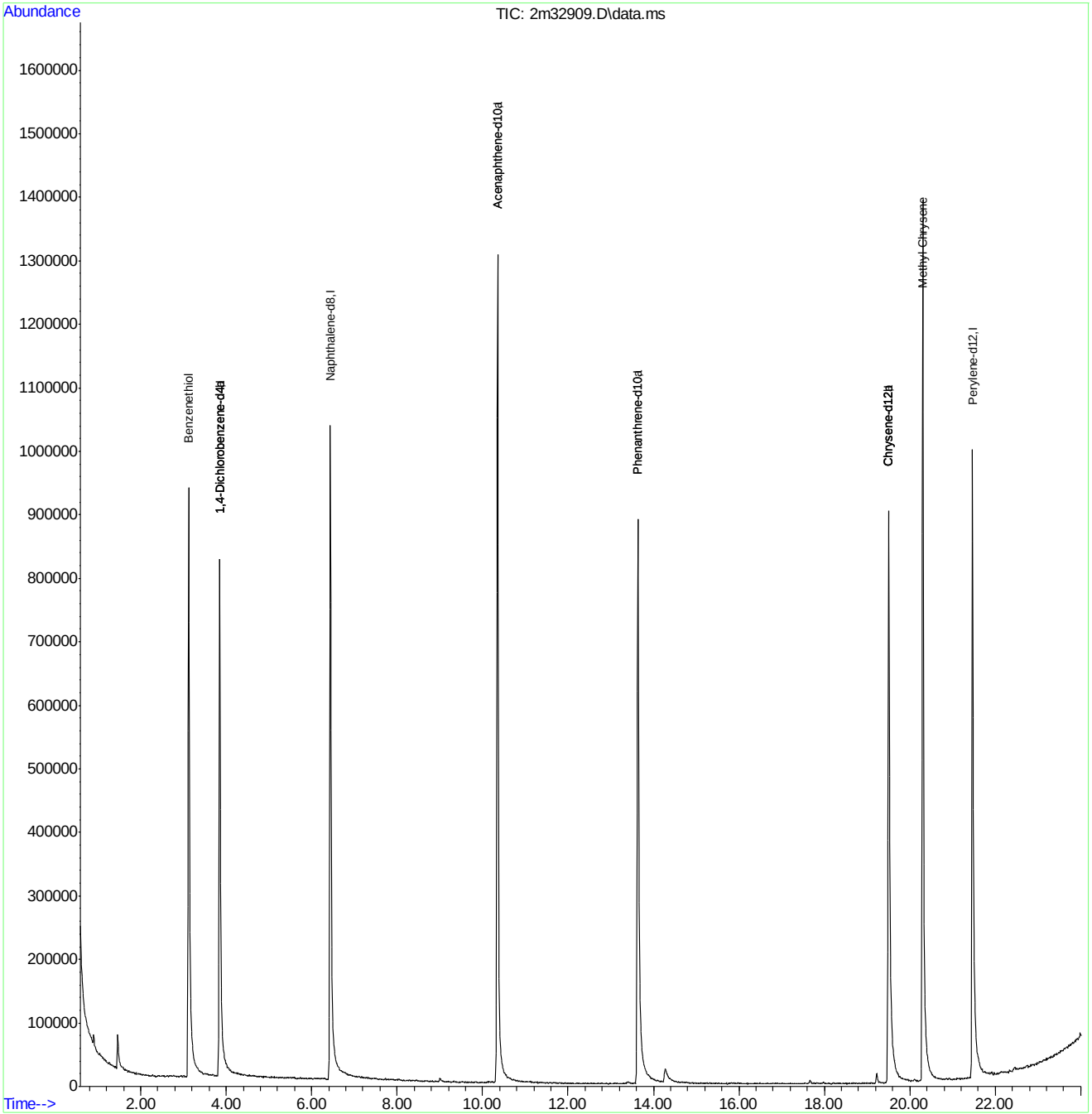
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.849	152	355733	40.00	ppb	0.00
24) Naphthalene-d8	6.438	136	1324701	40.00	ppb	0.00
47) Acenaphthene-d10	10.353	164	795863	40.00	ppb	0.00
69) Phenanthrene-d10	13.632	188	1090053	40.00	ppb	0.00
83) Chrysene-d12	19.505	240	1038288	40.00	ppb	0.00
92) Perylene-d12	21.463	264	961178	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	3.849	152	355733	40.00	ppb	0.00
104) Acenaphthene-d10a	10.353	164	795863	40.00	ppb	0.00
106) Chrysene-d12a	19.505	240	1038288	40.00	ppb	0.00
108) Phenanthrene-d10a	13.632	188	1090053	40.00	ppb	0.00
110) Chrysene-d12b	19.505	240	1038288	40.00	ppb	0.00
112) 1,4-Dichlorobenzene-d4b	3.849	152	355733	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.302	242	997531	48.64	ppb	98
113) Benzenethiol	3.122	110	769881	52.00	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1421\
Data File : 2m32909.D
Acq On : 24 Nov 2010 7:34 pm
Operator : olgaa
Sample : icv1421-50
Misc : op46686,e2m1421,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 29 11:35:03 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Mon Nov 29 11:34:29 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 12/01/10 14:55

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32957.D
Acq On : 30 Nov 2010 1:50 pm
Operator : olgaa
Sample : cc1369-50
Misc : op46817,e2m1424,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 11:38:30 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 30 14:15:40 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.817	152	314848	40.00	ppb	-0.02
24) Naphthalene-d8	6.422	136	1260648	40.00	ppb	-0.02
47) Acenaphthene-d10	10.337	164	763834	40.00	ppb	-0.01
69) Phenanthrene-d10	13.621	188	1103862	40.00	ppb	-0.01
83) Chrysene-d12	19.505	240	1140566	40.00	ppb	-0.01
92) Perylene-d12	21.457	264	962804	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	3.817	152	316895	40.00	ppb	-0.02
104) Acenaphthene-d10a	10.337	164	764407	40.00	ppb	-0.01
106) Chrysene-d12a	19.505	240	1140143	40.00	ppb	-0.01
108) Phenanthrene-d10a	13.621	188	1103862	40.00	ppb	-0.01
110) Chrysene-d12b	19.505	240	1140566	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.042	112	520436	43.30	ppb	-0.03
Spiked Amount 50.000			Recovery = 86.60%			
8) Phenol-d5	3.860	99	682573	44.85	ppb	-0.04
Spiked Amount 50.000			Recovery = 89.70%			
25) Nitrobenzene-d5	5.048	82	605685	46.97	ppb	-0.01
Spiked Amount 50.000			Recovery = 93.94%			
51) 2-Fluorobiphenyl	9.016	172	1191254	45.57	ppb	-0.01
Spiked Amount 50.000			Recovery = 91.14%			
73) 2,4,6-Tribromophenol	12.242	330	171389	50.74	ppb	-0.02
Spiked Amount 50.000			Recovery = 101.48%			
85) Terphenyl-d14	17.505	244	1001990	50.49	ppb	-0.01
Spiked Amount 50.000			Recovery = 100.98%			
Target Compounds						Qvalue
2) 1,4-Dioxane	0.635	88	243107	49.51	ppb	97
3) Pyridine	0.774	79	530326	40.01	ppb	91
4) N-Nitrosodimethylamine	0.785	74	338583	45.76	ppb	88
6) Indene	4.347	116	815325	47.93	ppb	99
7) Cumene	2.464	105	1120662	48.12	ppb	99
9) Phenol	3.882	94	719021	45.54	ppb	89
10) Aniline	3.422	93	596171	33.33	ppb	99
11) bis(2-Chloroethyl)ether	3.571	93	556923	46.43	ppb	98
12) 2-Chlorophenol	3.652	128	580502	48.19	ppb	97
13) Decane	3.732	43	365187	37.17	ppb	81
14) 1,3-Dichlorobenzene	3.732	146	588234	46.74	ppb	99
15) 1,4-Dichlorobenzene	3.844	146	610232	47.84	ppb	100
16) Benzyl alcohol	4.422	108	382260	45.87	ppb	95
17) 1,2-Dichlorobenzene	4.186	146	579137	48.71	ppb	96
18) Acetophenone	4.780	105	773186	48.47	ppb	99
19) 2-Methylphenol	4.946	108	514070	46.07	ppb	98
20) 2,2'-oxybis(1-Chloropr...	4.630	45	558071	37.40	ppb	86
21) 3&4-Methylphenol	5.336	108	548535	47.24	ppb	98
22) n-Nitroso-di-n-propyla...	4.935	70	372605	45.64	ppb	95
23) Hexachloroethane	4.748	201	209285	55.66	ppb	99
26) Nitrobenzene	5.080	123	293449	45.50	ppb	87
27) Quinoline	7.299	129	954324	44.35	ppb	99
28) Isophorone	5.631	82	1051728	47.70	ppb	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32957.D
Acq On : 30 Nov 2010 1:50 pm
Operator : olgaa
Sample : cc1369-50
Misc : op46817,e2m1424,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 11:38:30 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 30 14:15:40 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2-Nitrophenol	5.759	139	308613	49.58	ppb	#	76
30) 2,4-Dimethylphenol	6.294	107	573011	51.15	ppb		97
31) Benzoic acid	7.118	105	394860	40.83	ppb		95
32) bis(2-Chloroethoxy)met...	6.283	93	669325	48.13	ppb		97
33) 2,4-Dichlorophenol	6.497	162	444486	46.40	ppb		96
34) 2,6-Dichlorophenol	6.877	162	464177	48.62	ppb		99
35) 1,3,5-Trichlorobenzene	5.705	180	478921	48.99	ppb		99
36) 1,2,4-Trichlorobenzene	6.390	180	470928	48.72	ppb		99
37) 1,2,3-Trichlorobenzene	6.882	180	451773	49.50	ppb		98
38) Naphthalene	6.460	128	1659658	46.81	ppb		99
39) 4-Chloroaniline	6.898	127	646511	41.47	ppb		85
40) 2,3-Dichloroaniline	8.856	161	553744	50.33	ppb		99
41) Caprolactam	7.845	55	220800	43.32	ppb		94
42) Hexachlorobutadiene	6.962	225	279070	53.58	ppb		95
43) 4-Chloro-3-methylphenol	8.449	107	504331	48.79	ppb		98
44) 2-Methylnaphthalene	8.016	142	1097255	46.84	ppb		98
45) 1-Methylnaphthalene	8.225	142	1031982	47.25	ppb		98
46) Dimethylnaphthalene	9.455	156	919456	50.47	ppb		98
48) Hexachlorocyclopentadiene	8.556	237	461617	101.22	ppb		97
49) 2,4,6-Trichlorophenol	8.973	196	332975	48.57	ppb		98
50) 2,4,5-Trichlorophenol	9.204	196	334601	46.21	ppb		94
52) 2-Chloronaphthalene	9.075	162	1048200	46.37	ppb		98
53) Biphenyl	9.155	154	1238805	45.03	ppb		99
54) 2-Nitroaniline	9.658	65	317614	46.52	ppb		100
55) Dimethylphthalate	10.220	163	1140639	46.82	ppb		95
56) Acenaphthylene	9.974	152	1572193	46.95	ppb		99
57) 2,6-Dinitrotoluene	10.321	89	172118	55.50	ppb	#	80
58) 3-Nitroaniline	10.669	138	323119	46.30	ppb		99
59) Acenaphthene	10.407	153	963573	44.97	ppb		99
60) 2,4-Dinitrophenol	10.888	184	237939	78.86	ppb		90
61) 4-Nitrophenol	11.782	109	134169	36.67	ppb	#	52
62) Dibenzofuran	10.797	168	1445605	45.75	ppb		99
63) 2,4-Dinitrotoluene	11.199	165	347448	49.66	ppb		81
64) 2,3,4,6-Tetrachlorophenol	11.418	232	243148	42.02	ppb		97
65) Diethylphthalate	11.856	149	1129435	47.76	ppb		99
66) Fluorene	11.562	166	1159737	46.69	ppb		99
67) 4-Chlorophenyl-phenyle...	11.739	204	538055	48.13	ppb		96
68) 4-Nitroaniline	12.102	138	273708	40.22	ppb		88
70) 4,6-Dinitro-2-methylph...	12.108	198	207264	49.58	ppb	#	67
71) n-Nitrosodiphenylamine	12.118	169	834693	47.62	ppb		100
72) 1,2-Diphenylhydrazine	12.065	77	1320788	51.19	ppb		96
74) 4-Bromophenyl-phenylether	12.798	248	300476	50.92	ppb		98
75) Hexachlorobenzene	12.969	284	355666	51.12	ppb		99
76) Pentachlorophenol	13.605	266	364202	83.06	ppb		99
77) Phenanthrene	13.675	178	1489615	44.07	ppb		100
78) Anthracene	13.777	178	1560305	46.86	ppb		99
79) Carbazole	14.408	167	1381029	42.39	ppb		99
80) Di-n-butylphthalate	15.617	149	1854645	53.24	ppb		100
81) Fluoranthene	16.355	202	1597155	48.44	ppb		100
82) Octadecane	14.028	57	657653	46.70	ppb		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32957.D
Acq On : 30 Nov 2010 1:50 pm
Operator : olgaa
Sample : cc1369-50
Misc : op46817,e2m1424,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 11:38:30 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 30 14:15:40 2010
Response via : Initial Calibration

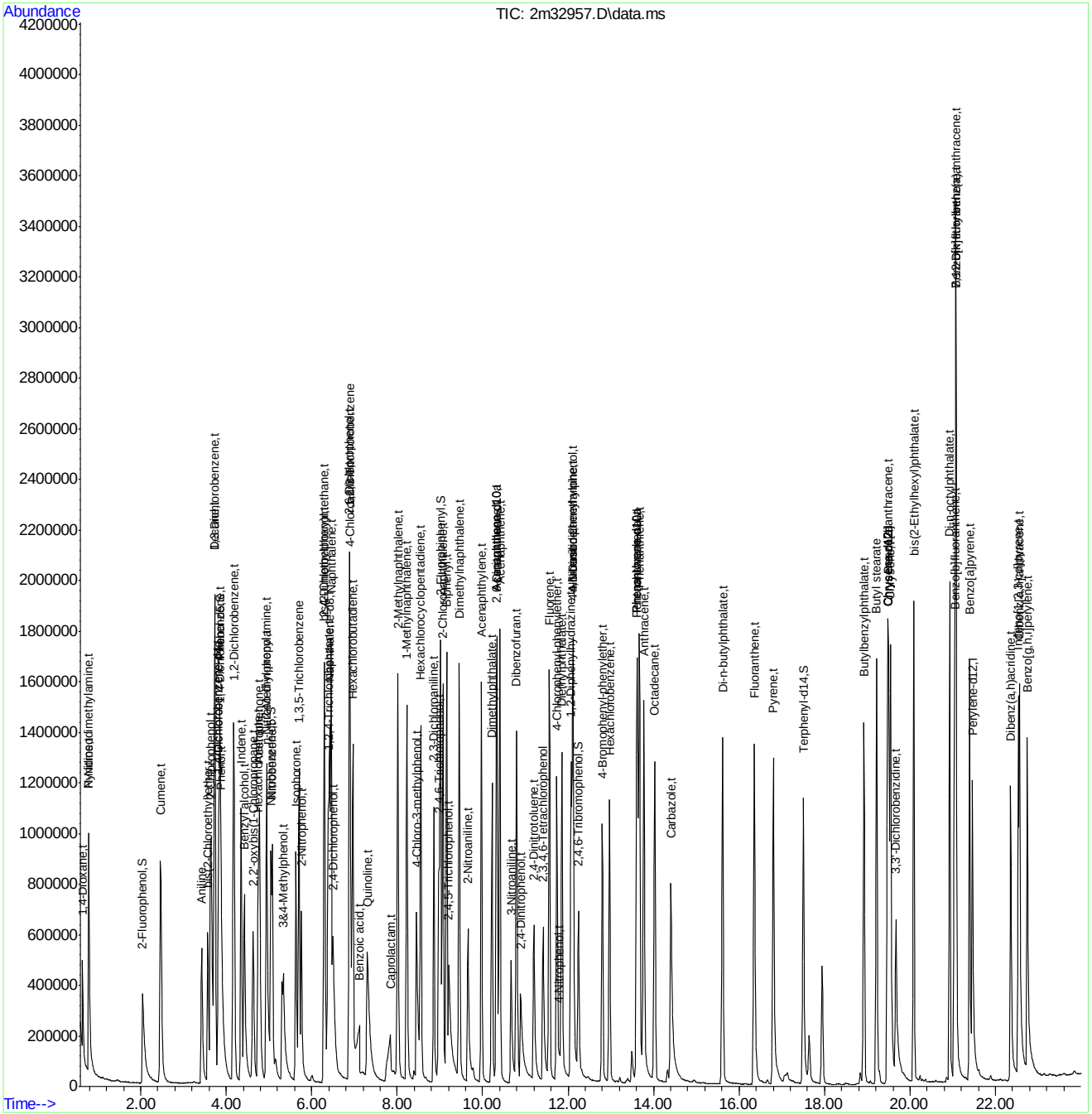
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Pyrene	16.804	202	1680725	49.31	ppb	99
86) Butylbenzylphthalate	18.922	149	798551	53.43	ppb	100
87) Butyl stearate	19.216	56	505022	52.75	ppb	93
88) Benzo[a]anthracene	19.478	228	1455239	46.13	ppb	99
89) 3,3'-Dichlorobenzidine	19.665	252	517564	44.56	ppb	99
90) Chrysene	19.548	228	1556057	50.00	ppb	99
91) bis(2-Ethylhexyl)phtha...	20.093	149	1119466	56.31	ppb	99
93) Di-n-octylphthalate	20.928	149	1830919	58.93	ppb	98
94) Benzo[b]fluoranthene	21.040	252	1373526m	50.74	ppb	
95) Benzo[k]fluoranthene	21.077	252	1707857m	58.41	ppb	
96) Benzo[a]pyrene	21.393	252	1390398	53.92	ppb	98
97) Indeno[1,2,3-cd]pyrene	22.532	276	984558m	44.96	ppb	
98) Dibenz(a,h)acridine	22.356	279	1018667	49.61	ppb	100
99) Dibenz[a,h]anthracene	22.564	278	1279711	55.33	ppb	98
100) 7,12-Dimethylbenz(a)an...	21.072	256	655524	55.90	ppb	98
101) Benzo[g,h,i]perylene	22.746	276	1314879	51.95	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32957.D
Acq On : 30 Nov 2010 1:50 pm
Operator : olgaa
Sample : cc1369-50
Misc : op46817,e2m1424,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 11:38:30 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 30 14:15:40 2010
Response via : Initial Calibration



Manual Integration Approval Summary

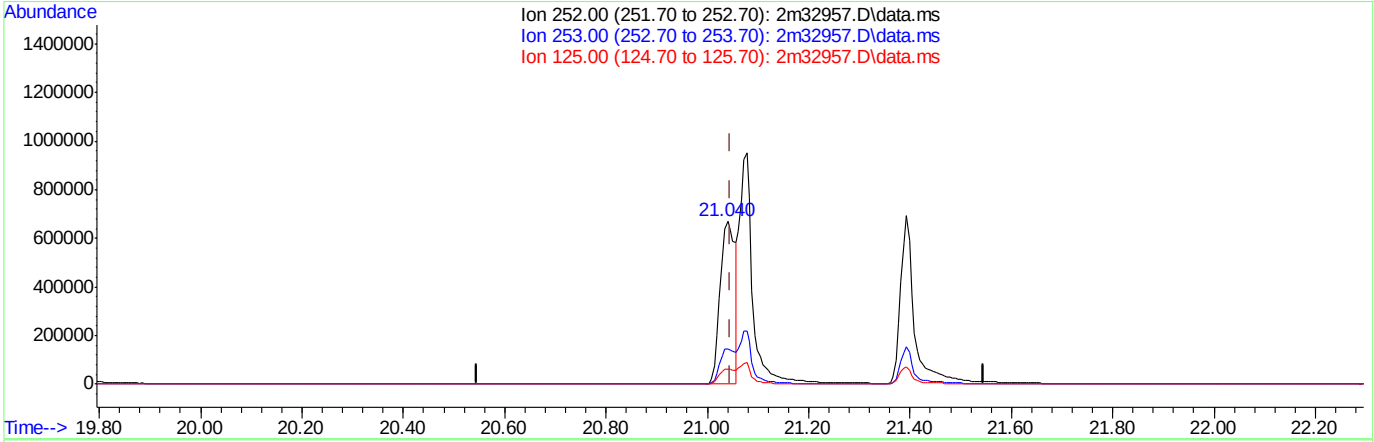
Sample Number: E2M1424-CC1369 **Method:** SW846 8270C
Lab FileID: 2M32957.D **Analyst approved:** 12/01/10 12:20 Olga Azarihn
Injection Time: 11/30/10 13:50 **Supervisor approved:** 12/01/10 14:55 Kristi Schollenberger

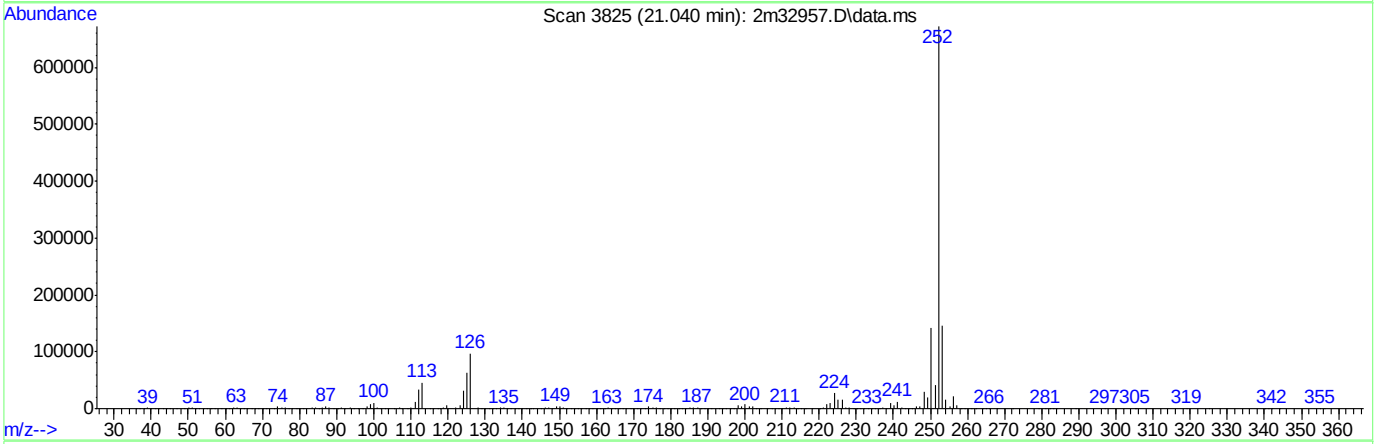
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		21.04	Overlapping peak
Benzo(k)fluoranthene	207-08-9		21.08	Overlapping peak
Indeno(1,2,3-cd)pyrene	193-39-5		22.53	Overlapping peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32957.D
Acq On : 30 Nov 2010 1:50 pm
Operator : olgaa
Sample : cc1369-50
Misc : op46817,e2m1424,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 11:38:30 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 30 14:15:40 2010
Response via : Initial Calibration





TIC: 2m32957.D\data.ms

(94) Benzo[b]fluoranthene (t)

21.040min (-0.005) 50.74ppb m

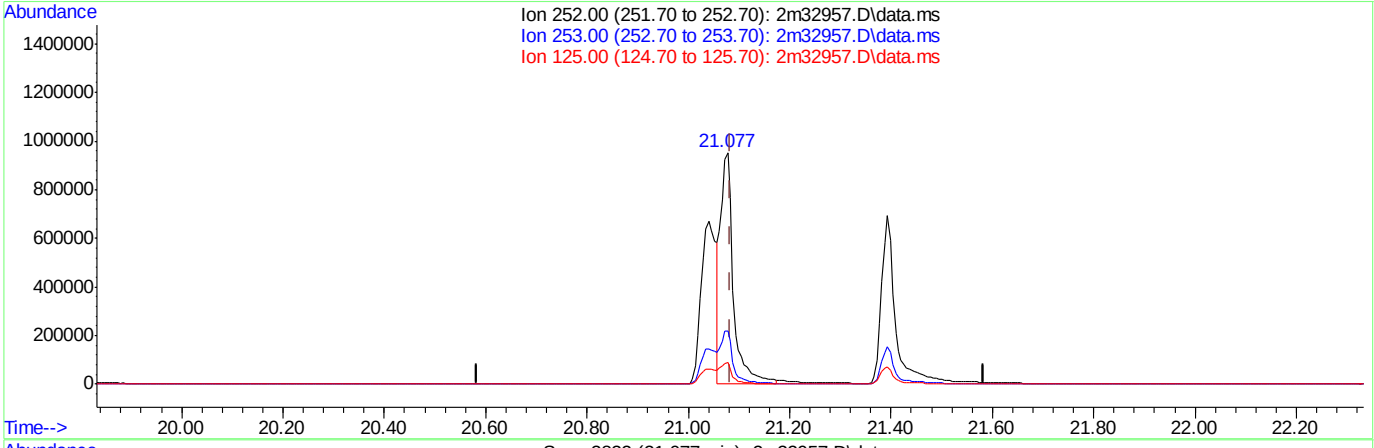
response 1373526

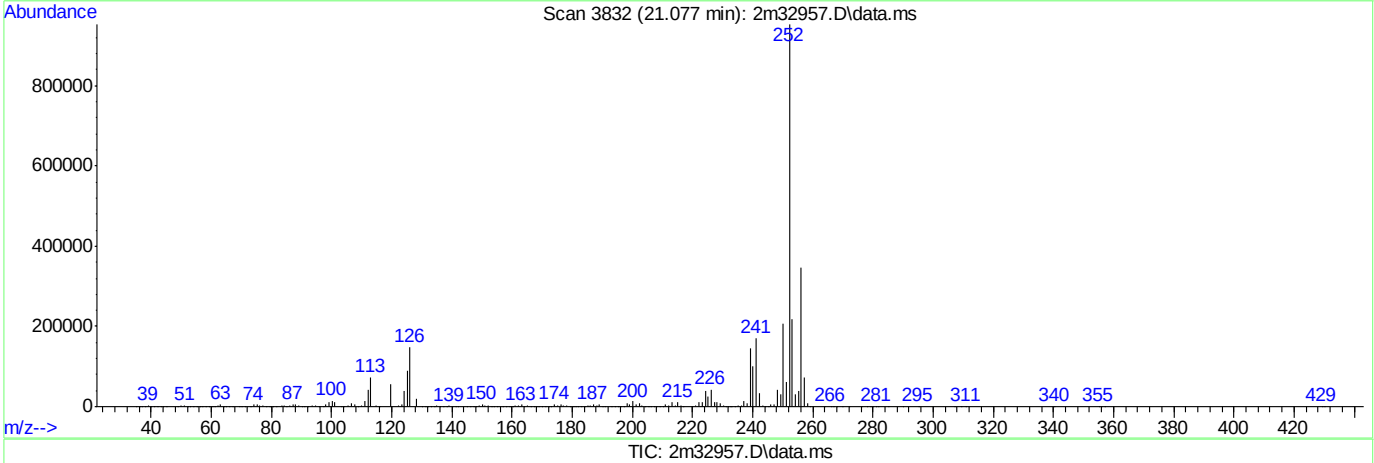
Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.69
125.00	9.20	9.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32957.D
Acq On : 30 Nov 2010 1:50 pm
Operator : olgaa
Sample : cc1369-50
Misc : op46817,e2m1424,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 11:38:30 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 30 14:15:40 2010
Response via : Initial Calibration





TIC: 2m32957.D\data.ms

(95) Benzo[k]fluoranthene (t)

21.077min (-0.005) 58.41ppb m

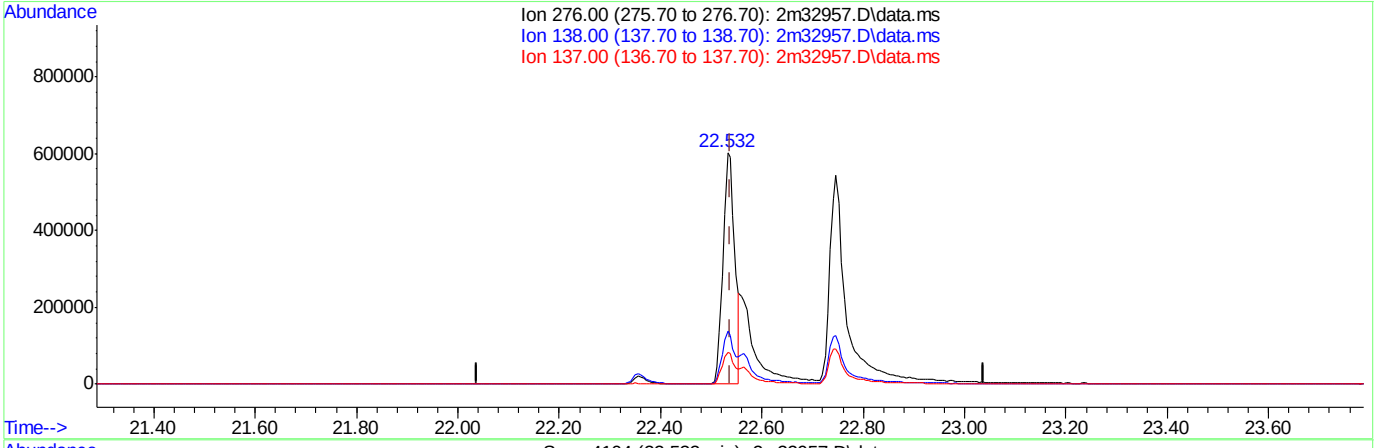
response 1707857

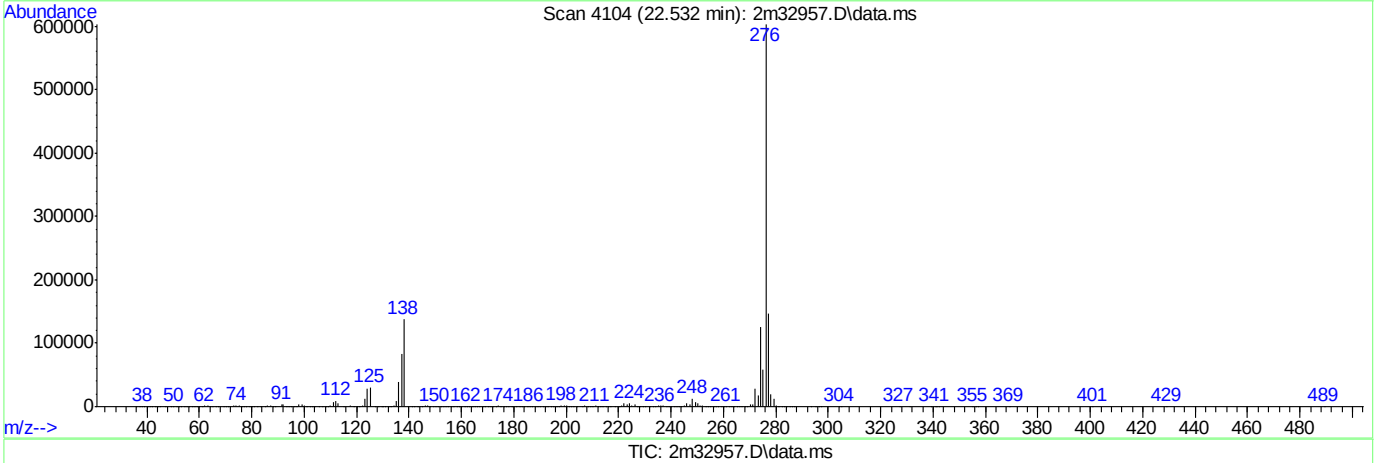
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.92
125.00	10.40	9.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32957.D
Acq On : 30 Nov 2010 1:50 pm
Operator : olgaa
Sample : cc1369-50
Misc : op46817,e2m1424,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 11:38:30 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 30 14:15:40 2010
Response via : Initial Calibration





TIC: 2m32957.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

22.532min (-0.005) 44.96ppb m

response 984558

Ion	Exp%	Act%
276.00	100	100
138.00	21.90	22.90
137.00	14.90	13.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32958.D
Acq On : 30 Nov 2010 2:21 pm
Operator : olgaa
Sample : cc1421-50
Misc : op46817,e2m1424,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 11:39:42 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 30 14:27:15 2010
Response via : Initial Calibration

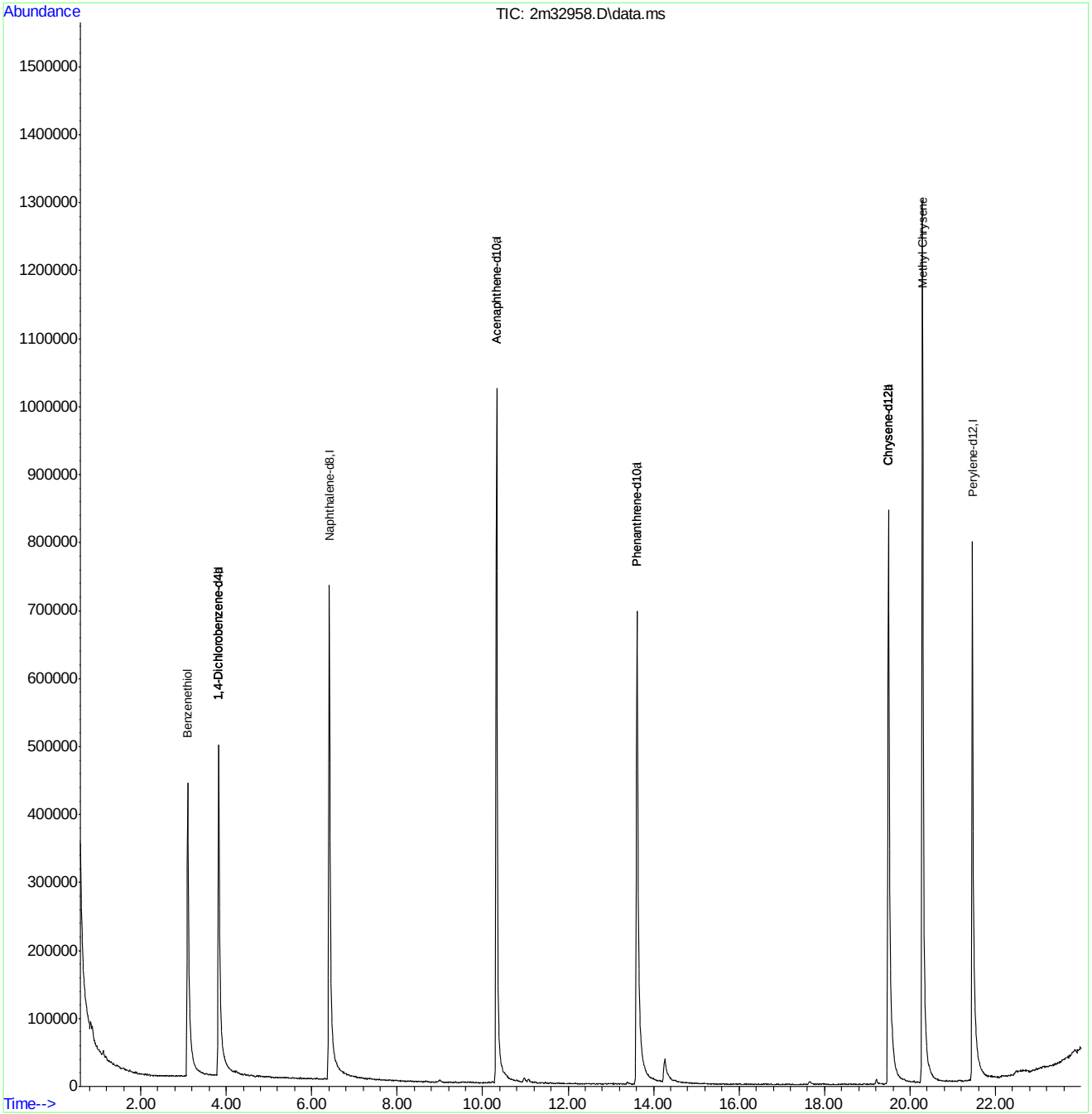
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.823	152	284196	40.00	ppb	-0.02
24) Naphthalene-d8	6.411	136	1098913	40.00	ppb	-0.03
47) Acenaphthene-d10	10.327	164	668541	40.00	ppb	-0.02
69) Phenanthrene-d10	13.611	188	962528	40.00	ppb	-0.02
83) Chrysene-d12	19.494	240	1019334	40.00	ppb	-0.01
92) Perylene-d12	21.457	264	869055	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	3.823	152	284196	40.00	ppb	-0.02
104) Acenaphthene-d10a	10.327	164	668541	40.00	ppb	-0.02
106) Chrysene-d12a	19.494	240	1018034	40.00	ppb	-0.01
108) Phenanthrene-d10a	13.611	188	964207	40.00	ppb	-0.02
110) Chrysene-d12b	19.494	240	1019334	40.00	ppb	-0.01
112) 1,4-Dichlorobenzene-d4b	3.823	152	284196	40.00	ppb	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
111) Methyl Chrysene	20.291	242	1030437	51.18	ppb	100
113) Benzenethiol	3.095	110	493047	41.69	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32958.D
Acq On : 30 Nov 2010 2:21 pm
Operator : olgaa
Sample : cc1421-50
Misc : op46817,e2m1424,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 11:39:42 2010
Quant Method : C:\msdchem\1\METHODS\M2M1369sknr.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Tue Nov 30 14:27:15 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32959.D
Acq On : 30 Nov 2010 2:54 pm
Operator : olgaa
Sample : cc1370-25
Misc : op46817,e2m1424,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 01 11:41:34 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Dec 01 11:40:44 2010
Response via : Initial Calibration

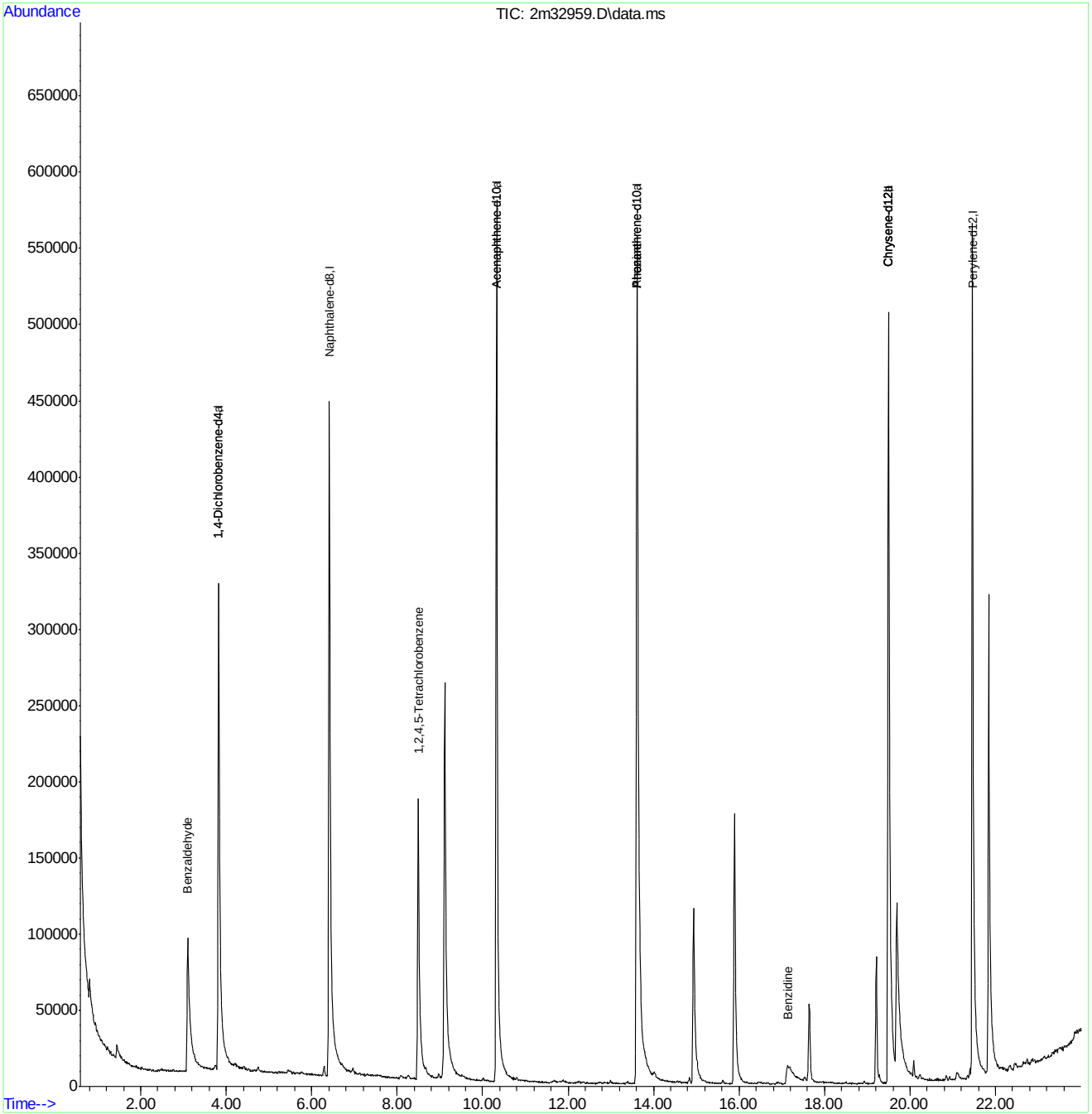
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.817	152	181508	40.00	ppb	0.00
24) Naphthalene-d8	6.412	136	676805	40.00	ppb	0.00
47) Acenaphthene-d10	10.327	164	389081	40.00	ppb	0.00
69) Phenanthrene-d10	13.616	188	561399	40.00	ppb	0.00
83) Chrysene-d12	19.494	240	607087	40.00	ppb	0.00
92) Perylene-d12	21.457	264	555784	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4a	3.817	152	181508	40.00	ppb	0.00
104) Acenaphthene-d10a	10.327	164	389081	40.00	ppb	0.00
106) Chrysene-d12a	19.494	240	607087	40.00	ppb	0.00
108) Phenanthrene-d10a	13.616	188	561399	40.00	ppb	0.00
110) Chrysene-d12b	19.494	240	607087	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.000	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	3.095	105	99080	20.72	ppb	96
105) 1,2,4,5-Tetrachloroben...	8.492	216	117970	25.16	ppb	98
107) Benzidine	17.136	184	63892	11.12	ppb	96
109) Atrazine	13.616	215	39136	27.00	ppb	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\e2m1424\
Data File : 2m32959.D
Acq On : 30 Nov 2010 2:54 pm
Operator : olgaa
Sample : cc1370-25
Misc : op46817,e2m1424,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 01 11:41:34 2010
Quant Method : C:\MSDCHEM\1\METHODS\M2M1369.M
Quant Title : Semi Volatile GC/MS, ZB-5 15mx .25mmx .25um
QLast Update : Wed Dec 01 11:40:44 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92480.D Vial: 2
Acq On : 20 Oct 2010 8:47 am Operator: ninap
Sample : icc4329-50 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 09:46:01 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	206183	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	756161	40.00	ppb	0.00
47) Acenaphthene-d10	7.67	164	480113	40.00	ppb	0.00
69) Phenanthrene-d10	9.94	188	804434	40.00	ppb	0.00
83) Chrysene-d12	13.50	240	872092	40.00	ppb	0.00
92) Perylene-d12	14.86	264	747090	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	206183	40.00	ppb	0.00
104) Acenaphthene-d10a	7.67	164	480113	40.00	ppb	0.00
106) Phenanthrene-d10a	9.94	188	804434	40.00	ppb	0.00
108) Chrysene-d12a	13.50	240	872092	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.11	112	336753	50.00	ppb	0.00
Spiked Amount 50.000			Recovery = 100.00%			
8) Phenol-d5	3.02	99	448691	50.00	ppb	0.00
Spiked Amount 50.000			Recovery = 100.00%			
25) Nitrobenzene-d5	4.06	82	372789	50.00	ppb	0.00
Spiked Amount 50.000			Recovery = 100.00%			
51) 2-Fluorobiphenyl	6.70	172	787978	50.00	ppb	0.00
Spiked Amount 50.000			Recovery = 100.00%			
73) 2,4,6-Tribromophenol	8.92	330	96607	50.00	ppb	0.00
Spiked Amount 50.000			Recovery = 100.00%			
85) Terphenyl-d14	12.36	244	839350	50.00	ppb	0.00
Spiked Amount 50.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	164500	50.00	ppb	100
3) Pyridine	1.28	79	359836	50.00	ppb	100
4) N-Nitrosodimethylamine	1.27	74	222125	50.00	ppb	100
6) Indene	3.67	116	488044	50.00	ppb	100
7) Cumene	2.54	105	663383	50.00	ppb	100
9) Phenol	3.03	94	472120	50.00	ppb	100
10) Aniline	3.02	93	447938	50.00	ppb	100
11) bis(2-Chloroethyl)ether	3.10	93	343561	50.00	ppb	100
12) 2-Chlorophenol	3.13	128	337550	50.00	ppb	100
13) Decane	3.21	43	379755	50.00	ppb	100
14) 1,3-Dichlorobenzene	3.29	146	396664	50.00	ppb	100
15) 1,4-Dichlorobenzene	3.35	146	381883	50.00	ppb	100
16) Benzyl alcohol	3.55	108	234006	50.00	ppb	100
17) 1,2-Dichlorobenzene	3.57	146	352302	50.00	ppb	100
18) Acetophenone	3.88	105	454759	50.00	ppb	100
19) 2-Methylphenol	3.74	108	308226	50.00	ppb	100
20) 2,2'-oxybis(1-Chloropropan	3.76	121	101870	50.00	ppb	100
21) 3&4-Methylphenol	3.93	108	316155	50.00	ppb	100
22) n-Nitroso-di-n-propylamine	3.93	70	232736	50.00	ppb	100
23) Hexachloroethane	3.95	201	130775	50.00	ppb	100
26) Nitrobenzene	4.08	123	172492	50.00	ppb	100
27) Quinoline	5.54	129	657184	50.00	ppb	100
28) Isophorone	4.41	82	651413	50.00	ppb	100
29) 2-Nitrophenol	4.52	139	176962	50.00	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92480.D Vial: 2
Acq On : 20 Oct 2010 8:47 am Operator: ninap
Sample : icc4329-50 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 09:46:01 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	2,4-Dimethylphenol	4.64	107	318885	50.00	ppb		100
31)	Benzoic acid	4.87	105	200402	50.00	ppb		100
32)	bis(2-Chloroethoxy)methane	4.77	93	428237	50.00	ppb		100
33)	2,4-Dichlorophenol	4.85	162	313584	50.00	ppb		100
34)	2,6-Dichlorophenol	5.18	162	302720	50.00	ppb		100
35)	1,3,5-Trichlorobenzene	4.52	180	332387	50.00	ppb		100
36)	1,2,4-Trichlorobenzene	4.96	180	337283	50.00	ppb		100
37)	1,2,3-Trichlorobenzene	5.30	180	327264	50.00	ppb		100
38)	Naphthalene	5.03	128	983509	50.00	ppb		100
39)	4-Chloroaniline	5.19	127	413037	50.00	ppb		100
40)	2,3-Dichloroaniline	6.56	161	346425	50.00	ppb		100
41)	Caprolactam	5.69	55	185446	50.00	ppb		100
42)	Hexachlorobutadiene	5.34	225	188017	50.00	ppb		100
43)	4-Chloro-3-methylphenol	5.99	107	304725	50.00	ppb		100
44)	2-Methylnaphthalene	6.06	142	711876	50.00	ppb		100
45)	1-Methylnaphthalene	6.22	142	658463	50.00	ppb		100
46)	Dimethylnaphthalene	7.03	156	576838	50.00	ppb		100
48)	Hexachlorocyclopentadiene	6.43	237	323122	100.00	ppb		100
49)	2,4,6-Trichlorophenol	6.57	196	222456	50.00	ppb		100
50)	2,4,5-Trichlorophenol	6.62	196	251050	50.00	ppb		100
52)	2-Chloronaphthalene	6.79	162	668884	50.00	ppb		100
53)	Biphenyl	6.81	154	783265	50.00	ppb		100
54)	2-Nitroaniline	7.05	65	193820	50.00	ppb		100
55)	Dimethylphthalate	7.44	163	732178	50.00	ppb		100
56)	Acenaphthylene	7.42	152	1074746	50.00	ppb		100
57)	2,6-Dinitrotoluene	7.51	165	162751	50.00	ppb		100
58)	3-Nitroaniline	7.71	138	181279	50.00	ppb		100
59)	Acenaphthene	7.72	153	635600	50.00	ppb		100
60)	2,4-Dinitrophenol	7.86	184	154452	100.00	ppb		100
61)	4-Nitrophenol	8.06	109	88103	50.00	ppb		100
62)	Dibenzofuran	7.97	168	945760	50.00	ppb		100
63)	2,4-Dinitrotoluene	8.11	165	231616	51.38	ppb		93
64)	2,3,4,6-Tetrachlorophenol	8.27	232	211498	48.97	ppb	#	18
65)	Diethylphthalate	8.58	149	678623	50.00	ppb		100
66)	Fluorene	8.51	166	759415	50.00	ppb		100
67)	4-Chlorophenyl-phenylether	8.58	204	363977	50.00	ppb		100
68)	4-Nitroaniline	8.67	138	194708	50.00	ppb		100
70)	4,6-Dinitro-2-methylphenol	8.73	198	124367	50.00	ppb		100
71)	n-Nitrosodiphenylamine	8.78	169	534560	50.00	ppb		100
72)	1,2-Diphenylhydrazine	8.81	77	739217	50.00	ppb		100
74)	4-Bromophenyl-phenylether	9.32	248	229290	50.00	ppb		100
75)	Hexachlorobenzene	9.49	284	230326	50.00	ppb		100
76)	Pentachlorophenol	9.81	266	290741	100.00	ppb		100
77)	Phenanthrene	9.98	178	1064376	50.00	ppb		100
78)	Anthracene	10.05	178	1050581	50.00	ppb		100
79)	Carbazole	10.36	167	1059467	50.00	ppb		100
80)	Di-n-butylphthalate	11.16	149	1287190	50.00	ppb		100
81)	Fluoranthene	11.78	202	1261470	50.00	ppb		100
82)	Octadecane	10.04	57	466626	50.00	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92480.D Vial: 2
Acq On : 20 Oct 2010 8:47 am Operator: ninap
Sample : icc4329-50 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 09:46:01 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

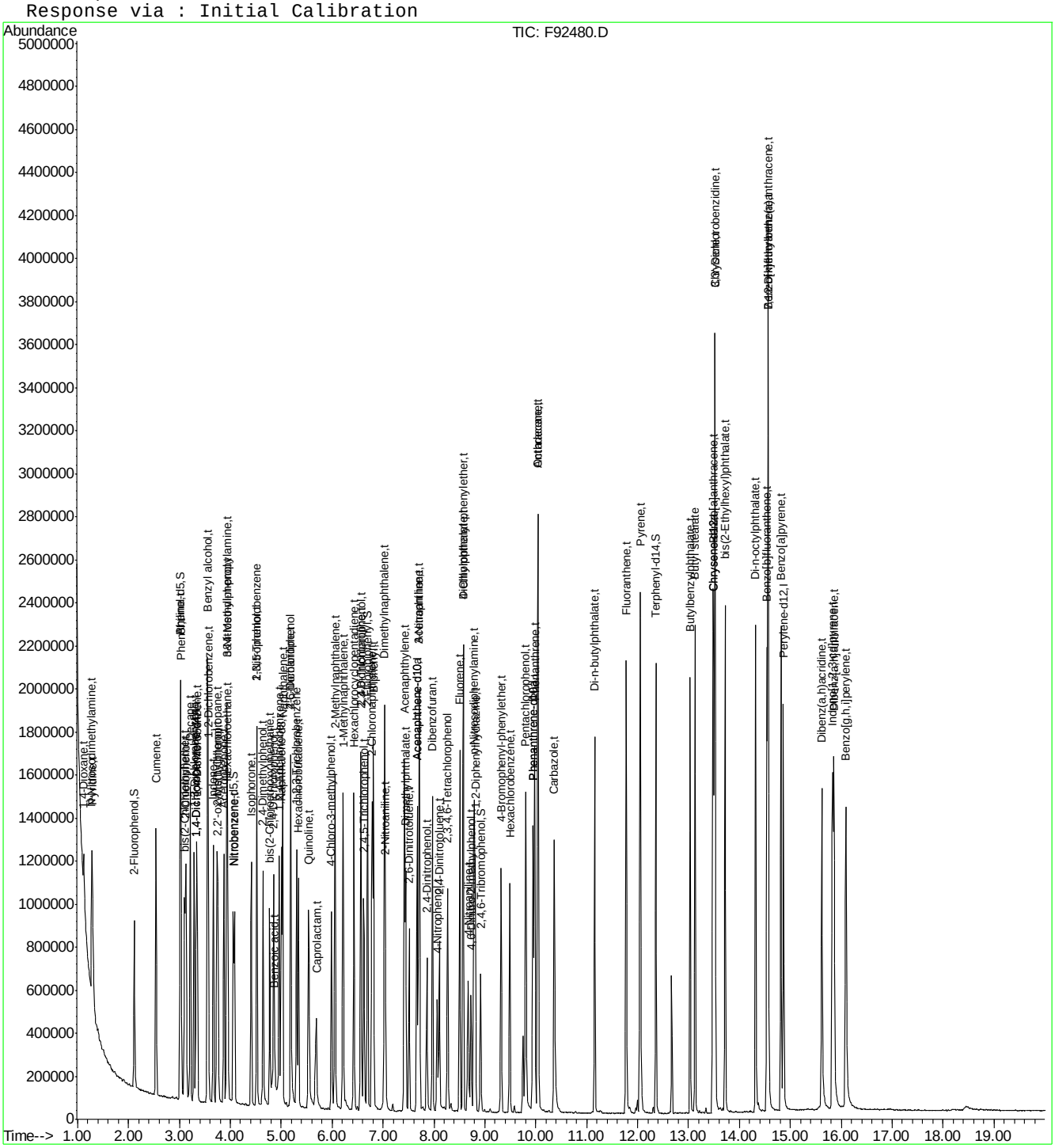
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84)	Pyrene	12.05	202	1300762	50.00	ppb	100
86)	Butylbenzylphthalate	13.03	149	552332	50.00	ppb	100
87)	Butyl stearate	13.13	56	370000	50.00	ppb	100
88)	Benzo[a]anthracene	13.48	228	1209343	50.00	ppb	100
89)	3,3'-Dichlorobenzidine	13.52	252	426865	50.00	ppb	100
90)	Chrysene	13.52	228	1065231	50.00	ppb	100
91)	bis(2-Ethylhexyl)phthalate	13.72	149	764857	50.00	ppb	100
93)	Di-n-octylphthalate	14.31	149	1355451	50.00	ppb	100
94)	Benzo[b]fluoranthene	14.54	252	1302888	50.00	ppb	100
95)	Benzo[k]fluoranthene	14.57	252	1034663	50.00	ppb	100
96)	Benzo[a]pyrene	14.82	252	1143446	49.27	ppb	100
97)	Indeno[1,2,3-cd]pyrene	15.83	276	1218200	50.79	ppb	100
98)	Dibenz(a,h)acridine	15.62	279	921522	50.25	ppb	100
99)	Dibenz[a,h]anthracene	15.86	278	1004373	49.72	ppb	100
100)	7,12-Dimethylbenz(a)anthra	14.57	256	461296	49.95	ppb	100
101)	Benzo[g,h,i]perylene	16.09	276	1034492	48.82	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92480.D Vial: 2
Acq On : 20 Oct 2010 8:47 am Operator: ninap
Sample : icc4329-50 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 9:51 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 10/22/10 16:12

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:24:57 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.34	152	277385	40.00	ppb	0.00
24) Naphthalene-d8	5.01	136	1020950	40.00	ppb	0.00
47) Acenaphthene-d10	7.67	164	657607	40.00	ppb	0.00
69) Phenanthrene-d10	9.95	188	1127353	40.00	ppb	0.01
83) Chrysene-d12	13.51	240	1148710	40.00	ppb	0.01
92) Perylene-d12	14.87	264	1002744	40.00	ppb	0.01
102) 1,4-Dichlorobenzene-d4A	3.34	152	277385	40.00	ppb	0.00
104) Acenaphthene-d10a	7.67	164	657607	40.00	ppb	0.00
106) Phenanthrene-d10a	9.95	188	1127353	40.00	ppb	0.01
108) Chrysene-d12a	13.51	240	1148710	40.00	ppb	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.12	112	938728	103.60	ppb	0.00
Spiked Amount 50.000			Recovery = 207.20%			
8) Phenol-d5	3.03	99	1127887	93.42	ppb	0.02
Spiked Amount 50.000			Recovery = 186.84%			
25) Nitrobenzene-d5	4.07	82	993040	98.65	ppb	0.01
Spiked Amount 50.000			Recovery = 197.30%			
51) 2-Fluorobiphenyl	6.71	172	1967593	91.15	ppb	0.01
Spiked Amount 50.000			Recovery = 182.30%			
73) 2,4,6-Tribromophenol	8.93	330	266922	98.58	ppb	0.02
Spiked Amount 50.000			Recovery = 197.16%			
85) Terphenyl-d14	12.37	244	2061421	93.23	ppb	0.01
Spiked Amount 50.000			Recovery = 186.46%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	455726	102.96	ppb	95
3) Pyridine	1.28	79	1019312	105.28	ppb	97
4) N-Nitrosodimethylamine	1.27	74	631461	105.65	ppb	97
6) Indene	3.67	116	1248437	95.07	ppb	97
7) Cumene	2.54	105	1672447	93.70	ppb	99
9) Phenol	3.05	94	1182812	93.11	ppb	90
10) Aniline	3.02	93	1117964	92.76	ppb	83
11) bis(2-Chloroethyl)ether	3.11	93	864820	93.55	ppb	98
12) 2-Chlorophenol	3.14	128	864488	95.18	ppb	99
13) Decane	3.22	43	918722	89.91	ppb	97
14) 1,3-Dichlorobenzene	3.29	146	1001709	93.86	ppb	97
15) 1,4-Dichlorobenzene	3.35	146	957523	93.19	ppb	99
16) Benzyl alcohol	3.57	108	548127	87.06	ppb	98
17) 1,2-Dichlorobenzene	3.58	146	827692	87.32	ppb	100
18) Acetophenone	3.89	105	1186976	97.01	ppb	97
19) 2-Methylphenol	3.75	108	784018	94.54	ppb	99
20) 2,2'-oxybis(1-Chloropropan	3.76	121	255509	93.22	ppb	98
21) 3&4-Methylphenol	3.95	108	726520	85.41	ppb	98
22) n-Nitroso-di-n-propylamine	3.94	70	565530	90.31	ppb	98
23) Hexachloroethane	3.95	201	314722	89.44	ppb	96
26) Nitrobenzene	4.09	123	442284	94.95	ppb	99
27) Quinoline	5.56	129	1738348	97.96	ppb	99
28) Isophorone	4.43	82	1667140	94.78	ppb	98
29) 2-Nitrophenol	4.53	139	439960	92.07	ppb	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:24:57 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	2,4-Dimethylphenol	4.66	107	855792	99.38	ppb		99
31)	Benzoic acid	4.99	105	703185m	129.94	ppb		
32)	bis(2-Chloroethoxy)methane	4.79	93	1092529	94.48	ppb		98
33)	2,4-Dichlorophenol	4.86	162	822554	97.14	ppb		99
34)	2,6-Dichlorophenol	5.19	162	776950	95.05	ppb		100
35)	1,3,5-Trichlorobenzene	4.53	180	814357	90.73	ppb		100
36)	1,2,4-Trichlorobenzene	4.96	180	831424	91.29	ppb		99
37)	1,2,3-Trichlorobenzene	5.31	180	833796	94.35	ppb		99
38)	Naphthalene	5.04	128	2441771	91.94	ppb		99
39)	4-Chloroaniline	5.20	127	961079	86.17	ppb		99
40)	2,3-Dichloroaniline	6.57	161	900086	96.22	ppb		100
41)	Caprolactam	5.75	55	531426m	106.12	ppb		
42)	Hexachlorobutadiene	5.34	225	472551	93.07	ppb		98
43)	4-Chloro-3-methylphenol	6.01	107	806843	98.05	ppb		89
44)	2-Methylnaphthalene	6.07	142	1720476	89.50	ppb		99
45)	1-Methylnaphthalene	6.22	142	1643216	92.42	ppb		99
46)	Dimethylnaphthalene	7.04	156	1467862	94.23	ppb		99
48)	Hexachlorocyclopentadiene	6.43	237	860455	194.42	ppb		100
49)	2,4,6-Trichlorophenol	6.58	196	578430	94.92	ppb		97
50)	2,4,5-Trichlorophenol	6.64	196	665459	96.76	ppb		98
52)	2-Chloronaphthalene	6.79	162	1675163	91.42	ppb		99
53)	Biphenyl	6.82	154	1933488	90.11	ppb		100
54)	2-Nitroaniline	7.06	65	512286	96.49	ppb		99
55)	Dimethylphthalate	7.45	163	1861845	92.83	ppb		99
56)	Acenaphthylene	7.43	152	2729474	92.71	ppb		99
57)	2,6-Dinitrotoluene	7.53	165	440021	98.70	ppb		97
58)	3-Nitroaniline	7.73	138	438485	88.30	ppb		99
59)	Acenaphthene	7.73	153	1515970	87.07	ppb		95
60)	2,4-Dinitrophenol	7.88	184	514211	243.07	ppb		95
61)	4-Nitrophenol	8.09	109	251544	104.22	ppb		98
62)	Dibenzofuran	7.98	168	2388590	92.20	ppb		97
63)	2,4-Dinitrotoluene	8.13	165	591338	95.78	ppb		99
64)	2,3,4,6-Tetrachlorophenol	8.28	232	558608	94.44	ppb	#	18
65)	Diethylphthalate	8.59	149	1686660	90.73	ppb		99
66)	Fluorene	8.52	166	1939681	93.24	ppb		97
67)	4-Chlorophenyl-phenylether	8.58	204	895212	89.78	ppb		98
68)	4-Nitroaniline	8.72	138	523617	98.17	ppb		99
70)	4,6-Dinitro-2-methylphenol	8.76	198	391146	112.21	ppb	#	98
71)	n-Nitrosodiphenylamine	8.81	169	1328803	88.69	ppb		99
72)	1,2-Diphenylhydrazine	8.82	77	1794747	86.62	ppb		99
74)	4-Bromophenyl-phenylether	9.33	248	603852	93.96	ppb		98
75)	Hexachlorobenzene	9.50	284	584080	90.48	ppb		99
76)	Pentachlorophenol	9.82	266	784157	192.45	ppb		97
77)	Phenanthrene	10.00	178	2770519	92.87	ppb		99
78)	Anthracene	10.07	178	2575113	87.45	ppb		99
79)	Carbazole	10.38	167	2645627	89.09	ppb		99
80)	Di-n-butylphthalate	11.17	149	3198397	88.65	ppb		99
81)	Fluoranthene	11.79	202	3165771	89.54	ppb		98
82)	Octadecane	10.05	57	1125686	86.07	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:24:57 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

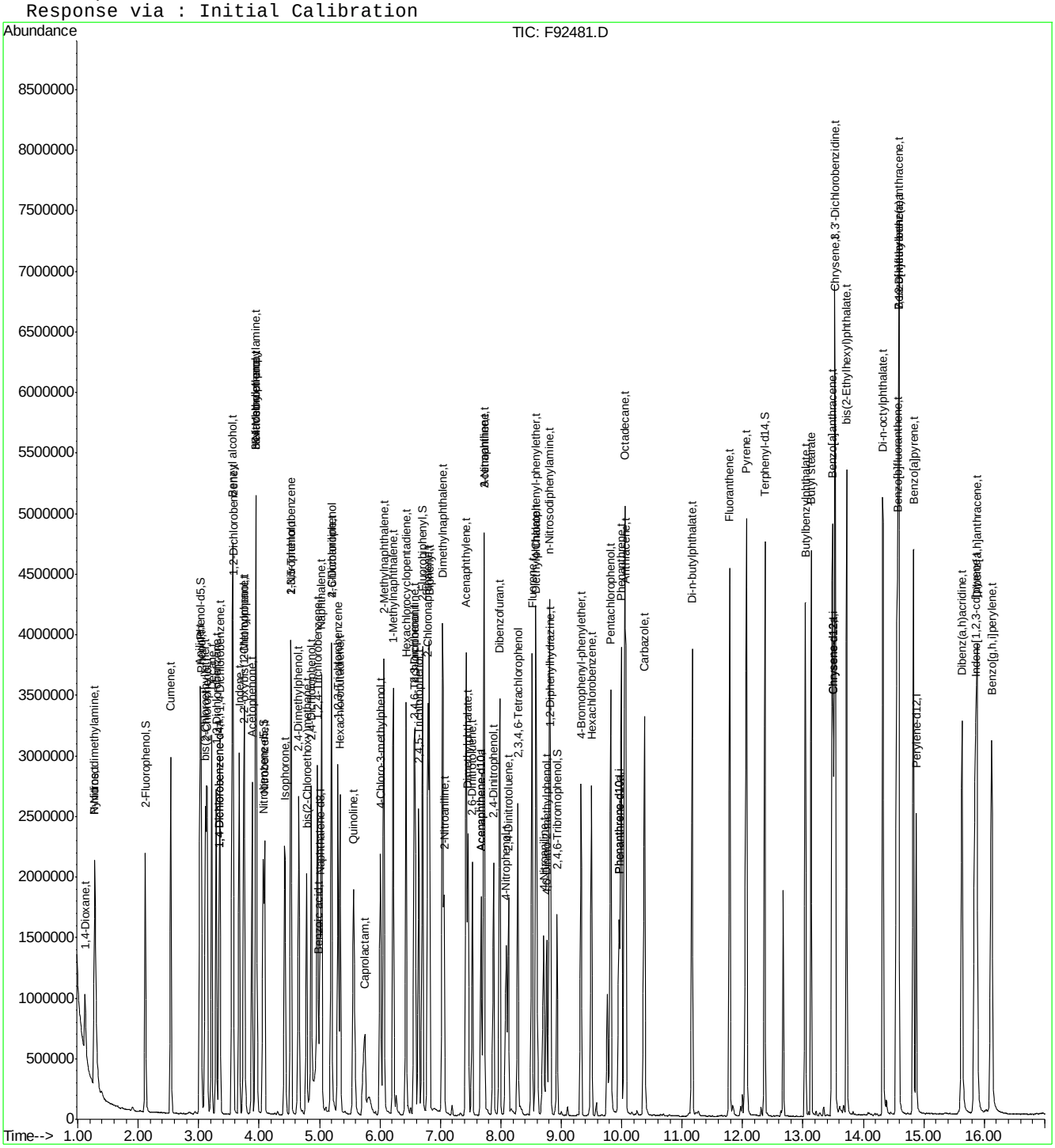
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84)	Pyrene	12.06	202	3184895	92.94	ppb	99
86)	Butylbenzylphthalate	13.04	149	1373200	94.37	ppb	96
87)	Butyl stearate	13.13	56	826104	84.75	ppb	95
88)	Benzo[a]anthracene	13.49	228	3016565	94.68	ppb	97
89)	3,3'-Dichlorobenzidine	13.53	252	1012444	90.03	ppb	98
90)	Chrysene	13.54	228	2556999	91.12	ppb	99
91)	bis(2-Ethylhexyl)phthalate	13.72	149	1851642	91.90	ppb	100
93)	Di-n-octylphthalate	14.32	149	3268688	89.83	ppb	98
94)	Benzo[b]fluoranthene	14.56	252	3454504m	98.77	ppb	
95)	Benzo[k]fluoranthene	14.59	252	2168531m	78.08	ppb	
96)	Benzo[a]pyrene	14.83	252	2787369	89.49	ppb	97
97)	Indeno[1,2,3-cd]pyrene	15.85	276	3083636	95.79	ppb	96
98)	Dibenz(a,h)acridine	15.63	279	2386722	96.96	ppb	99
99)	Dibenz[a,h]anthracene	15.88	278	2475228	91.29	ppb	99
100)	7,12-Dimethylbenz(a)anthra	14.59	256	1112387	89.74	ppb	97
101)	Benzo[g,h,i]perylene	16.12	276	2685956	94.45	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:26 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integration Approval Summary

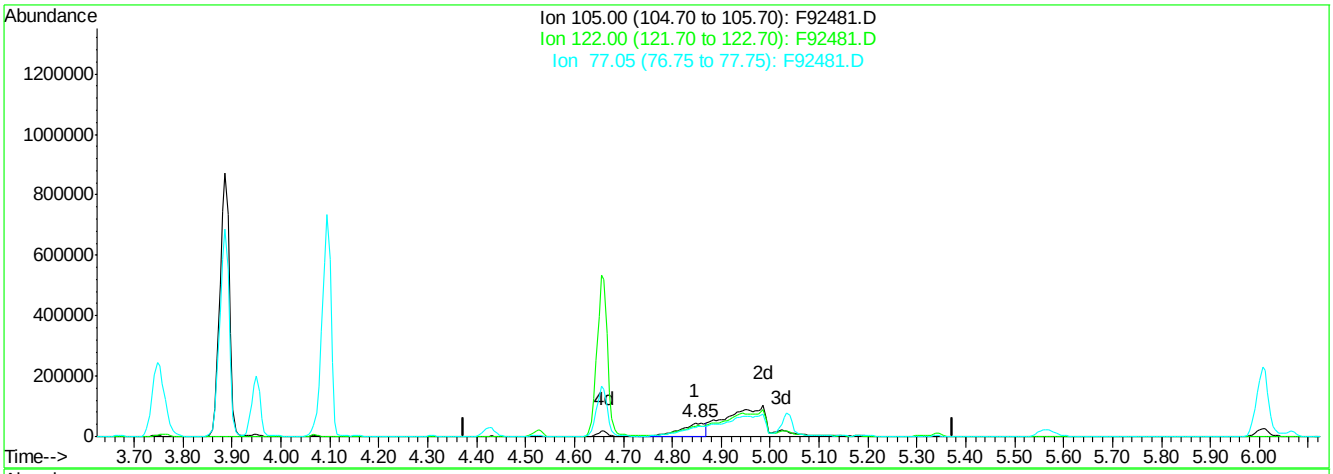
Sample Number:	EF4329-IC4329	**Method:**	SW846 8270C
Lab FileID:	F92481.D	**Analyst approved:**	10/20/10 13:04 Nina Pandya
Injection Time:	10/20/10 09:53	**Supervisor approved:**	10/22/10 16:12 Kristi Schollenberger

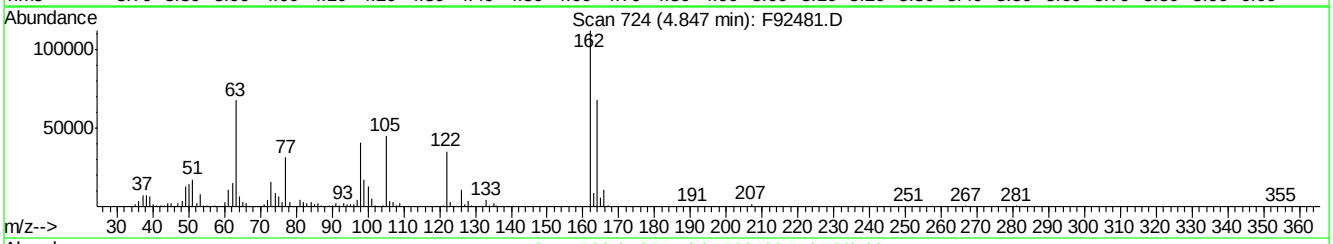
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzoic acid	65-85-0		4.99	Poorly defined baseline
Caprolactam	105-60-2		5.75	Poorly defined baseline
Benzo(b)fluoranthene	205-99-2		14.56	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.59	Overlapping peak

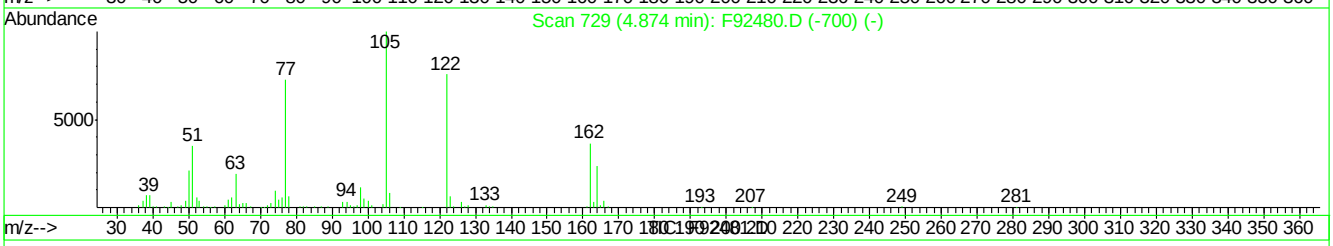
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:24 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Multiple Level Calibration







(31) Benzoic acid (t)

4.85min 29.81ppb

response 161325

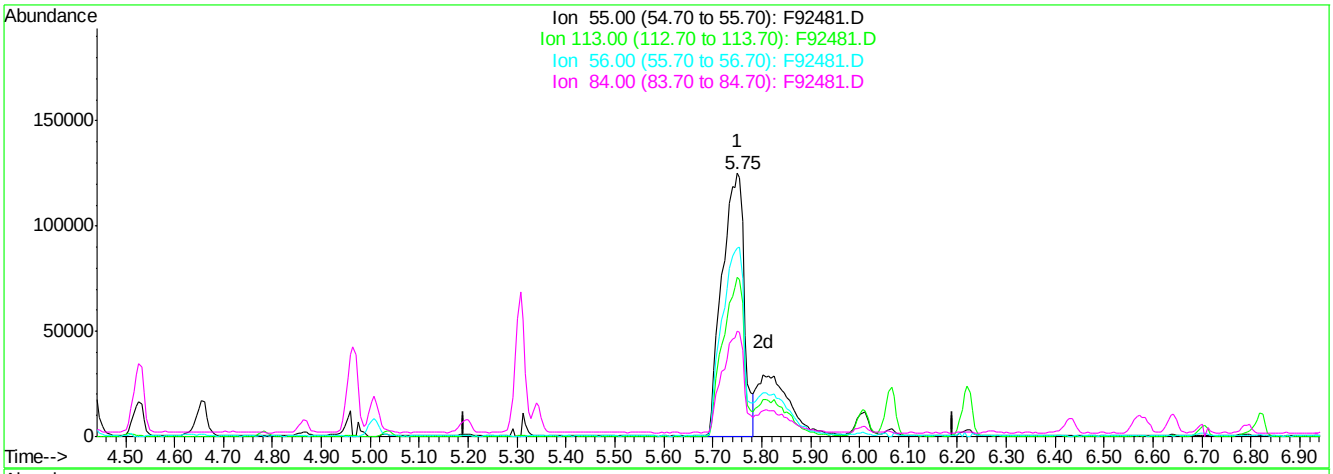
Ion	Exp%	Act%
105.00	100	100
122.00	76.10	68.95
77.05	74.10	58.72
0.00	0.00	0.00

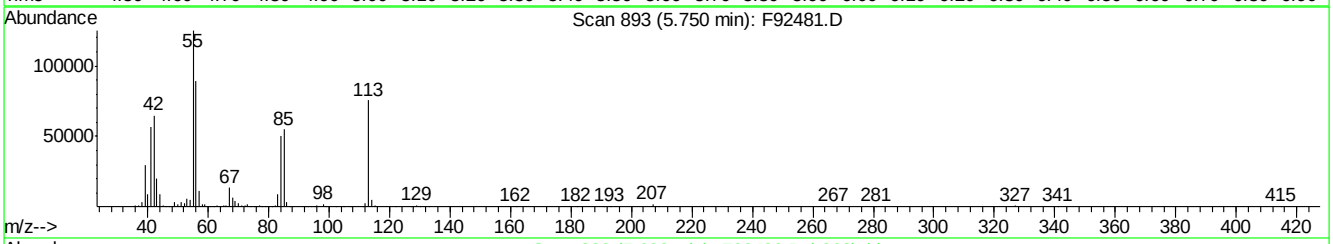
F92481.D MF4329.M Wed Oct 20 10:25:23 2010 GCMS3A

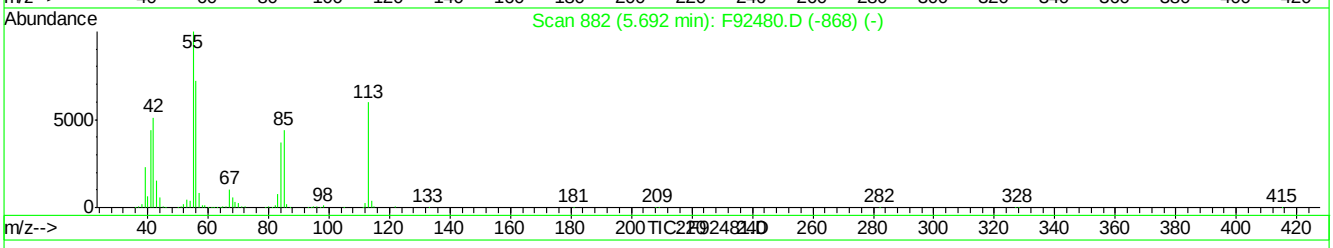
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:25 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Multiple Level Calibration







(41) Caprolactam (t)

5.75min 78.22ppb

response 391688

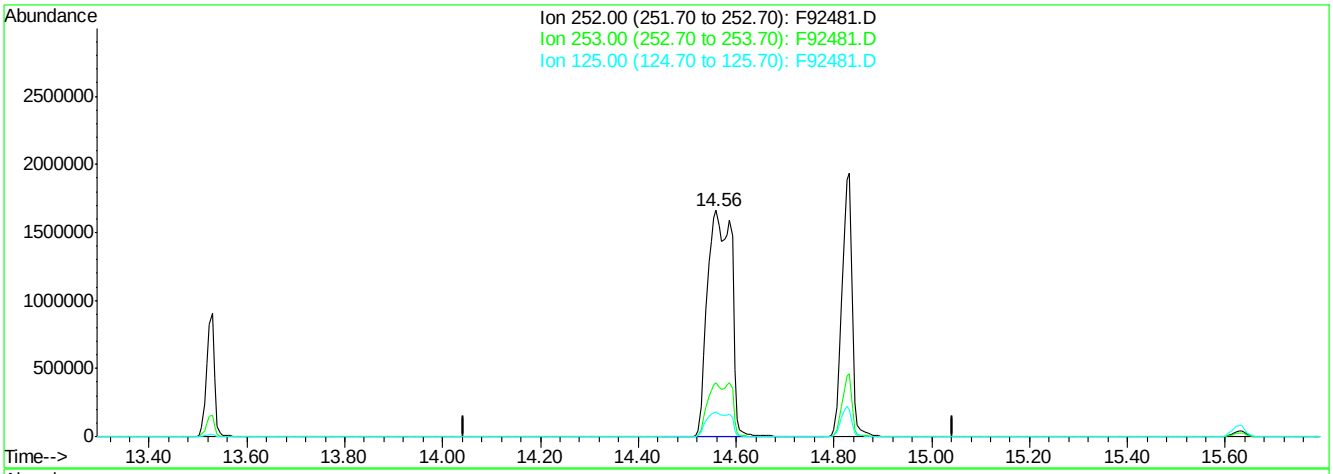
Ion	Exp%	Act%
55.00	100	100
113.00	59.80	60.75
56.00	72.20	70.89
84.00	37.20	39.13

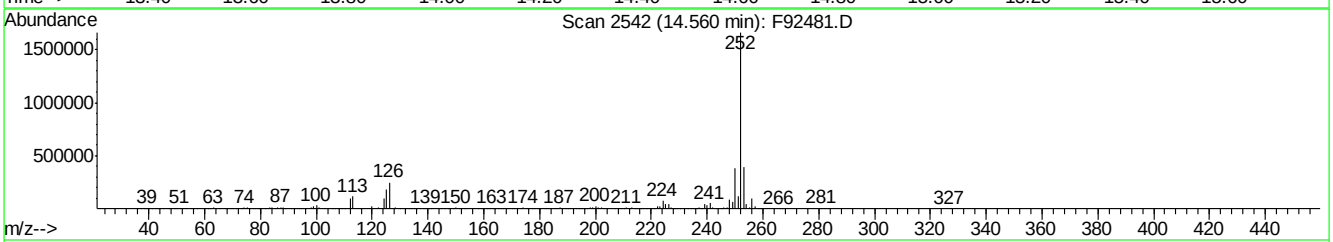
F92481.D MF4329.M Wed Oct 20 10:25:38 2010 GCMS3A

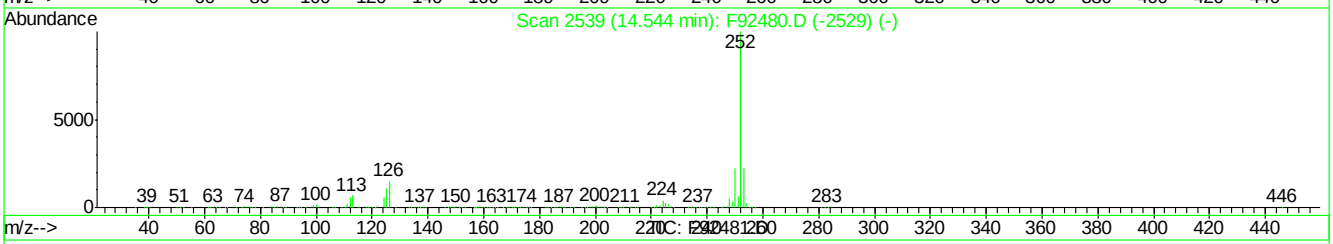
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:25 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.56min 161.82ppb

response 5659550

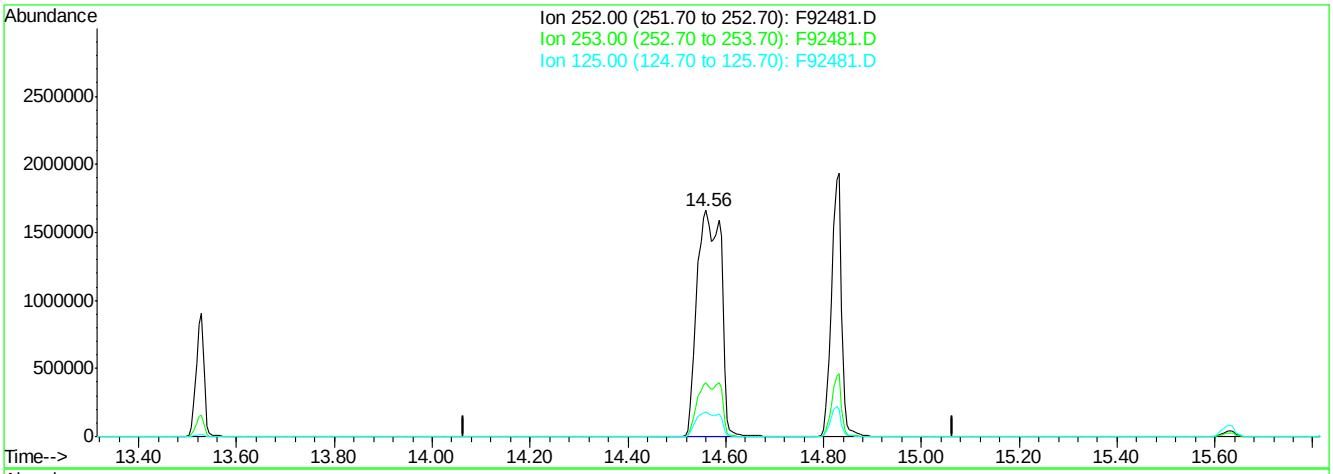
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.70
125.00	9.60	10.72
0.00	0.00	0.00

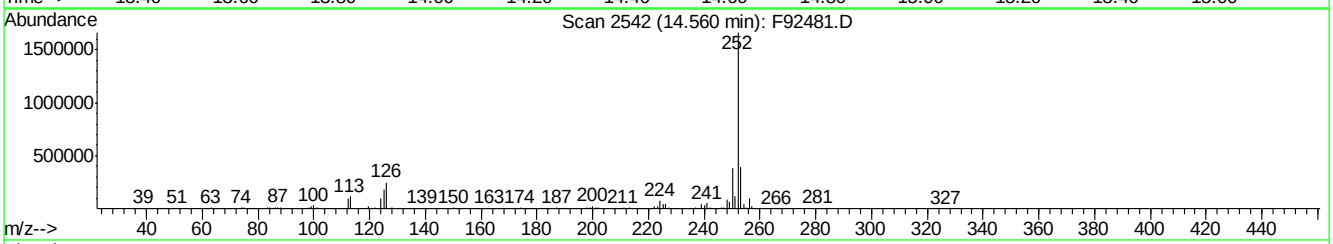
F92481.D MF4329.M Wed Oct 20 10:26:30 2010 GCMS3A

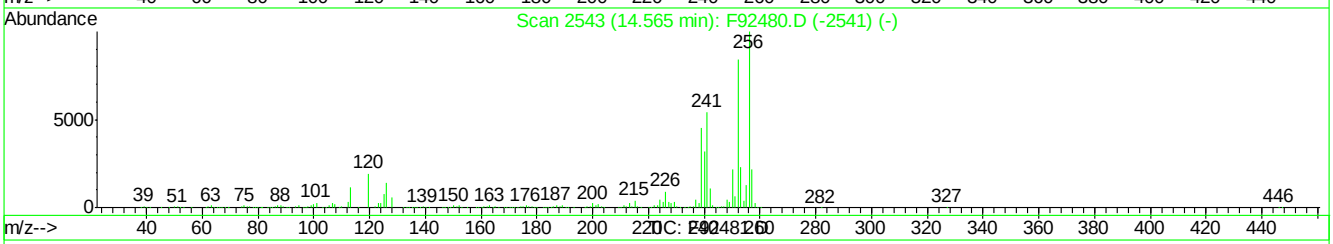
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:26 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 09:45:56 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.56min 203.77ppb

response 5659550

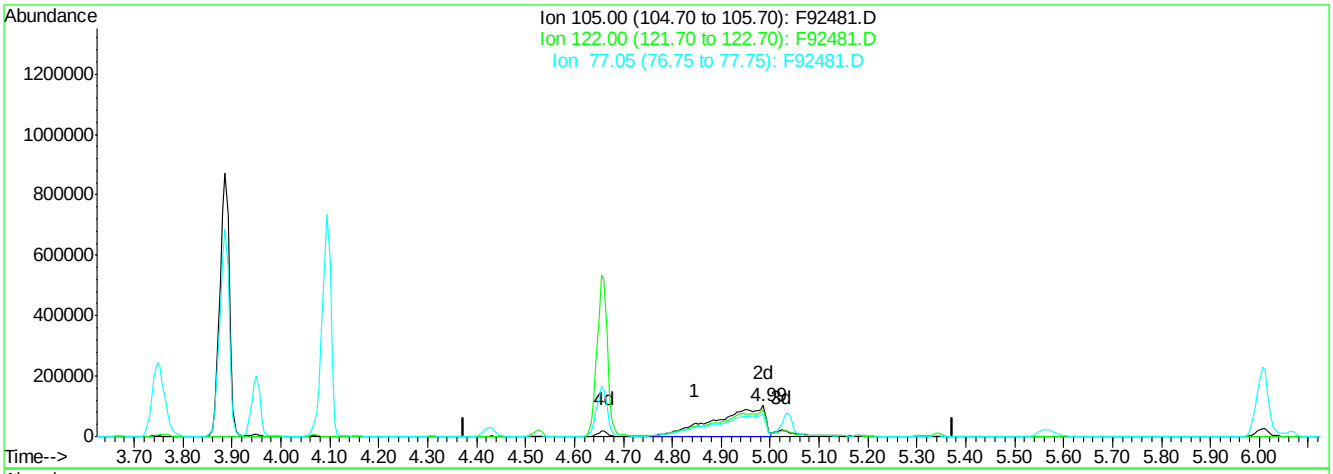
Ion	Exp%	Act%
252.00	100	100
253.00	25.20	23.70
125.00	11.30	10.72
0.00	0.00	0.00

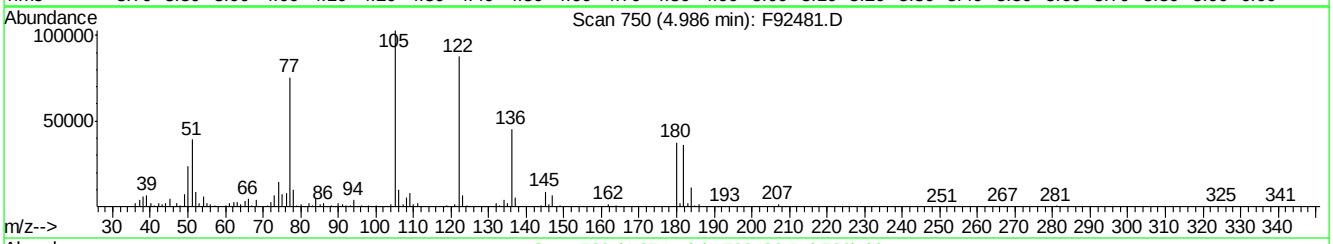
F92481.D MF4329.M Wed Oct 20 10:26:37 2010 GCMS3A

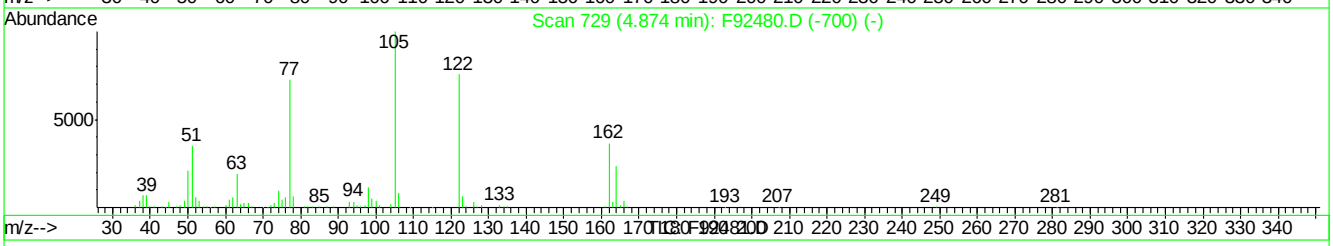
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:26 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Multiple Level Calibration







(31) Benzoic acid (t)

4.99min 129.94ppb m

response 703185

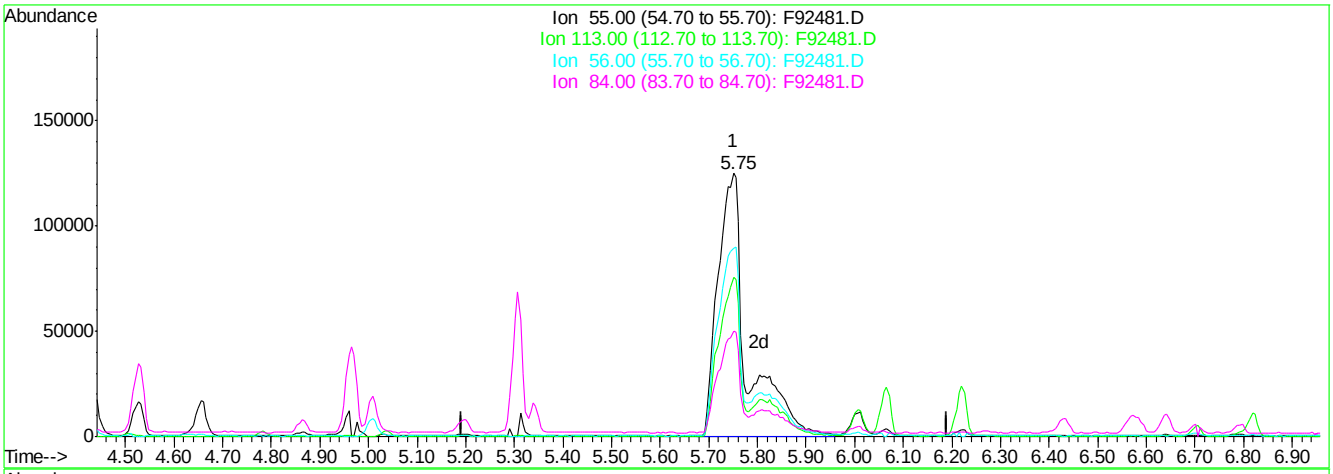
Ion	Exp%	Act%
105.00	100	100
122.00	76.10	85.14
77.05	74.10	73.36
0.00	0.00	0.00

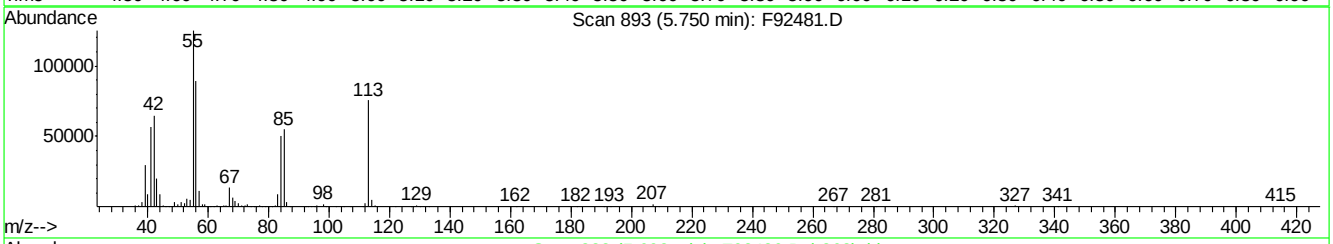
F92481.D MF4329.M Wed Oct 20 13:16:10 2010 GCMS3A

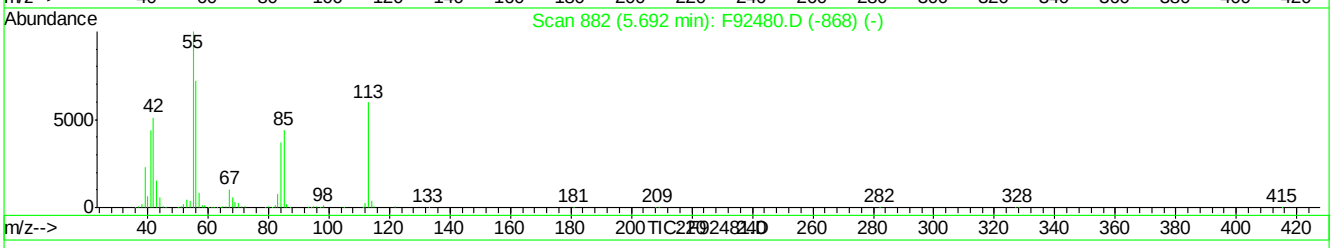
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:26 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Multiple Level Calibration







(41) Caprolactam (t)

5.75min 106.12ppb m

response 531426

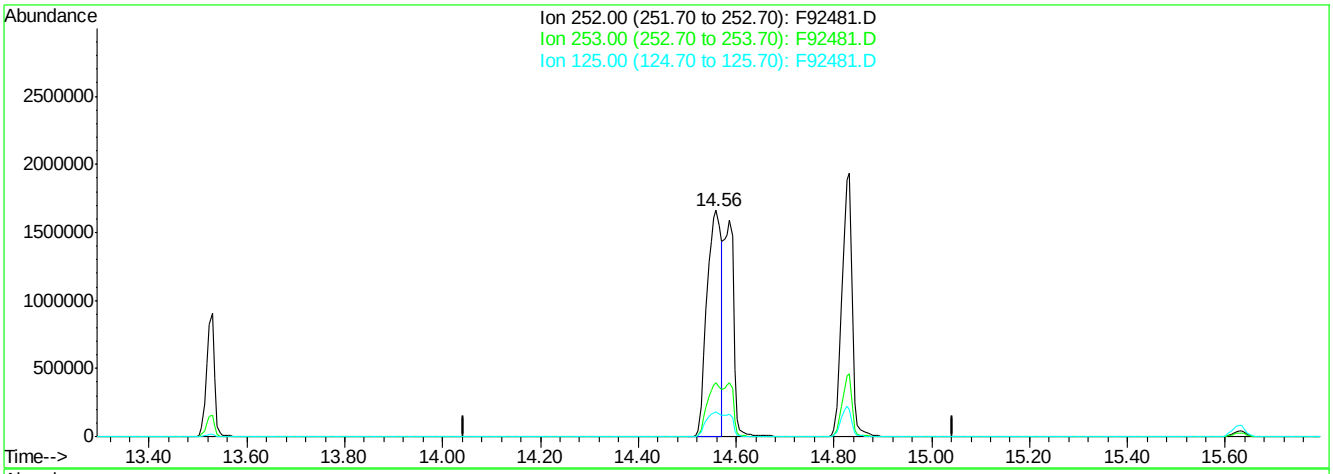
Ion	Exp%	Act%
55.00	100	100
113.00	59.80	60.50
56.00	72.20	71.67
84.00	37.20	40.24

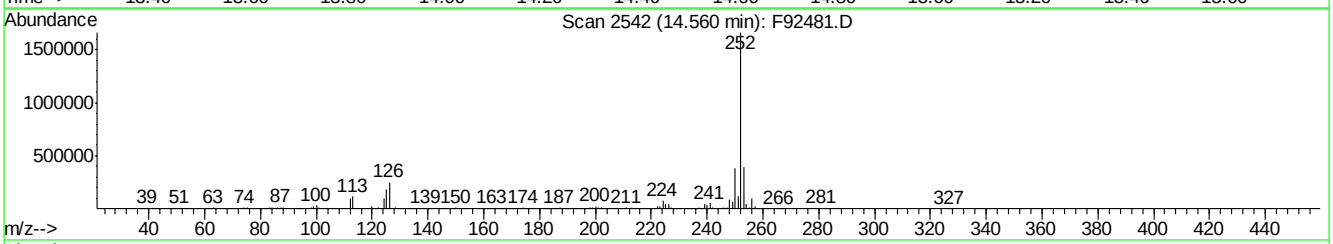
F92481.D MF4329.M Wed Oct 20 13:16:20 2010 GCMS3A

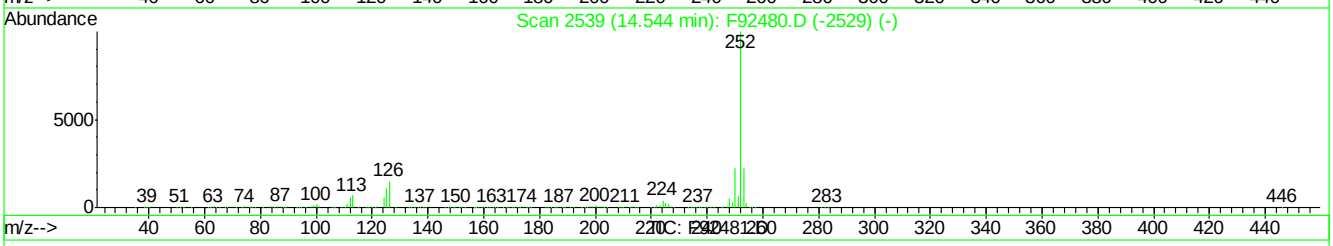
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:26 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.56min 98.77ppb m

response 3454504

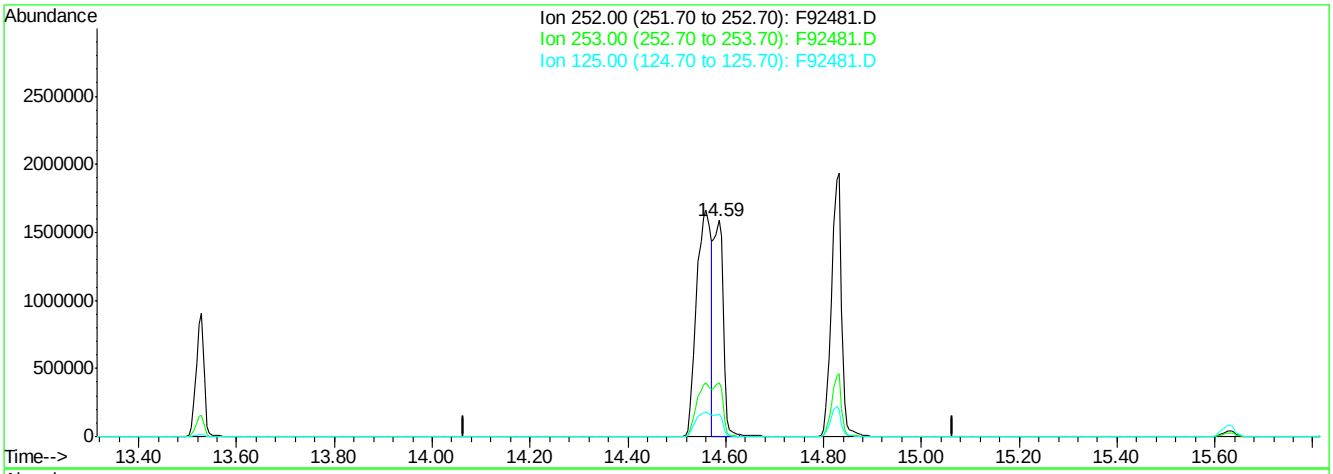
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.71
125.00	9.60	10.72
0.00	0.00	0.00

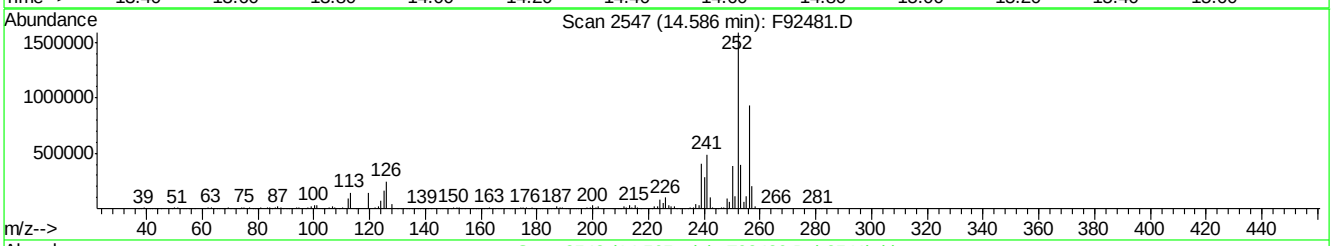
F92481.D MF4329.M Wed Oct 20 13:16:26 2010 GCMS3A

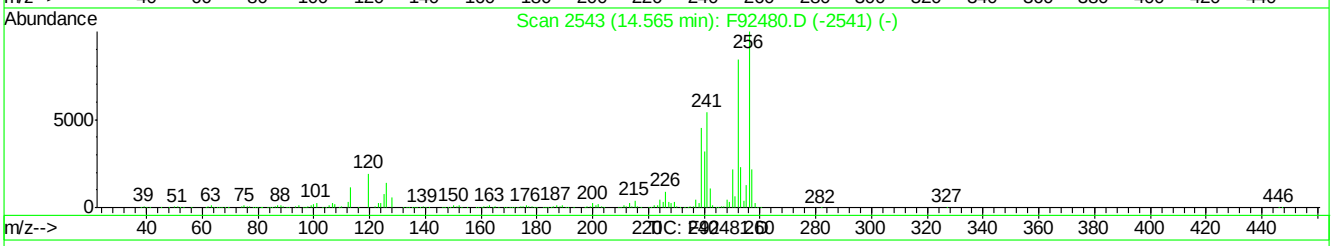
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92481.D Vial: 3
Acq On : 20 Oct 2010 9:53 am Operator: ninap
Sample : ic4329-100 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:26 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.59min 78.08ppb m

response 2168531

Ion	Exp%	Act%
252.00	100	100
253.00	25.20	25.04
125.00	11.30	10.30
0.00	0.00	0.00

F92481.D MF4329.M Wed Oct 20 13:16:31 2010 GCMS3A

8.6.37.9

8

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 10/22/10 16:12

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329D\F92482.D Vial: 4
Acq On : 20 Oct 2010 10:17 am Operator: ninap
Sample : ic4329-1 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:57:31 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 10:27:11 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	302644	40.00	ppb		0.00
24) Naphthalene-d8	5.00	136	1059316	40.00	ppb		0.00
47) Acenaphthene-d10	7.66	164	698251	40.00	ppb		0.00
69) Phenanthrene-d10	9.94	188	1174310	40.00	ppb		0.00
83) Chrysene-d12	13.49	240	1336710	40.00	ppb		0.00
92) Perylene-d12	14.86	264	1130914	40.00	ppb		0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	302644	40.00	ppb		0.00
104) Acenaphthene-d10a	7.66	164	698251	40.00	ppb		0.00
106) Phenanthrene-d10a	9.94	188	1174310	40.00	ppb		0.00
108) Chrysene-d12a	13.49	240	1336710	40.00	ppb		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	2.11	112	10556	1.05	ppb		0.00
Spiked Amount 50.000			Recovery =	2.10%			
8) Phenol-d5	3.02	99	10123	0.79	ppb		0.00
Spiked Amount 50.000			Recovery =	1.58%			
25) Nitrobenzene-d5	4.06	82	10110	0.97	ppb		0.00
Spiked Amount 50.000			Recovery =	1.94%			
51) 2-Fluorobiphenyl	6.69	172	31158	1.42	ppb		-0.01
Spiked Amount 50.000			Recovery =	2.84%			
73) 2,4,6-Tribromophenol	8.91	330	2747	0.98	ppb		0.00
Spiked Amount 50.000			Recovery =	1.96%			
85) Terphenyl-d14	12.36	244	33146	1.33	ppb		0.00
Spiked Amount 50.000			Recovery =	2.66%			
Target Compounds							Qvalue
3) Pyridine	1.31	79	15463	1.43	ppb		94
4) N-Nitrosodimethylamine	1.28	74	8671	1.29	ppb		89
6) Indene	3.67	116	16616	1.19	ppb		95
7) Cumene	2.54	105	23308	1.24	ppb		100
9) Phenol	3.03	94	12724	0.95	ppb	#	30
10) Aniline	3.02	93	19146	1.51	ppb		86
11) bis(2-Chloroethyl)ether	3.10	93	12168	1.25	ppb		95
12) 2-Chlorophenol	3.13	128	8885	0.92	ppb		99
13) Decane	3.21	43	14094	1.33	ppb		96
14) 1,3-Dichlorobenzene	3.28	146	14006	1.24	ppb		92
15) 1,4-Dichlorobenzene	3.35	146	13339	1.23	ppb		95
16) Benzyl alcohol	3.55	108	5091	0.79	ppb		88
17) 1,2-Dichlorobenzene	3.57	146	13686	1.41	ppb		99
18) Acetophenone	3.87	105	10421	0.79	ppb		96
19) 2-Methylphenol	3.74	108	6387	0.73	ppb		93
20) 2,2'-oxybis(1-Chloropropan	3.75	121	3491	1.21	ppb		89
21) 3&4-Methylphenol	3.93	108	4764	0.55	ppb		94
22) n-Nitroso-di-n-propylamine	3.93	70	7435	1.14	ppb		90
23) Hexachloroethane	3.95	201	5336	1.47	ppb		92
26) Nitrobenzene	4.08	123	4846	1.03	ppb		90
27) Quinoline	5.53	129	19037	1.04	ppb		98
28) Isophorone	4.40	82	24965	1.40	ppb		99
29) 2-Nitrophenol	4.52	139	4099	0.86	ppb	#	64
30) 2,4-Dimethylphenol	4.64	107	8731	0.98	ppb		91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329D\F92482.D Vial: 4
Acq On : 20 Oct 2010 10:17 am Operator: ninap
Sample : ic4329-1 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:57:31 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 10:27:11 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	bis(2-Chloroethoxy)methane	4.77	93	10981	0.94	ppb		97
33)	2,4-Dichlorophenol	4.85	162	6772	0.78	ppb		99
34)	2,6-Dichlorophenol	5.18	162	7594	0.92	ppb		94
35)	1,3,5-Trichlorobenzene	4.52	180	11920	1.34	ppb		98
36)	1,2,4-Trichlorobenzene	4.95	180	12053	1.33	ppb		96
37)	1,2,3-Trichlorobenzene	5.30	180	12034	1.35	ppb		96
38)	Naphthalene	5.02	128	35351	1.34	ppb		98
39)	4-Chloroaniline	5.19	127	11205	1.04	ppb		96
40)	2,3-Dichloroaniline	6.55	161	12441	1.31	ppb		96
41)	Caprolactam	5.63	55	6110	1.14	ppb		85
42)	Hexachlorobutadiene	5.33	225	7643	1.50	ppb		97
43)	4-Chloro-3-methylphenol	5.97	107	6829	0.81	ppb		88
44)	2-Methylnaphthalene	6.05	142	23817	1.26	ppb		99
45)	1-Methylnaphthalene	6.20	142	23236	1.31	ppb		96
46)	Dimethylnaphthalene	7.02	156	22063	1.41	ppb		97
48)	Hexachlorocyclopentadiene	6.42	237	8066	1.74	ppb		96
49)	2,4,6-Trichlorophenol	6.56	196	7292	1.16	ppb		91
50)	2,4,5-Trichlorophenol	6.61	196	7422	1.03	ppb		90
52)	2-Chloronaphthalene	6.78	162	26449	1.42	ppb		99
53)	Biphenyl	6.80	154	31747	1.47	ppb		97
54)	2-Nitroaniline	7.05	65	5191	0.94	ppb	#	80
55)	Dimethylphthalate	7.43	163	29844	1.45	ppb		99
56)	Acenaphthylene	7.41	152	39802	1.32	ppb		96
57)	2,6-Dinitrotoluene	7.50	165	4567	0.97	ppb		81
59)	Acenaphthene	7.71	153	26520	1.53	ppb		99
62)	Dibenzofuran	7.96	168	38632	1.46	ppb		96
63)	2,4-Dinitrotoluene	8.10	165	5287	0.82	ppb		83
64)	2,3,4,6-Tetrachlorophenol	8.27	232	6183	1.01	ppb	#	12
65)	Diethylphthalate	8.56	149	28292	1.50	ppb		99
66)	Fluorene	8.50	166	30651	1.44	ppb		98
67)	4-Chlorophenyl-phenylether	8.57	204	14712	1.46	ppb		95
70)	4,6-Dinitro-2-methylphenol	8.71	198	1571	0.41	ppb	#	82
71)	n-Nitrosodiphenylamine	8.77	169	19437	1.32	ppb		93
72)	1,2-Diphenylhydrazine	8.80	77	28768	1.43	ppb		98
74)	4-Bromophenyl-phenylether	9.31	248	8854	1.36	ppb		96
75)	Hexachlorobenzene	9.48	284	9850	1.54	ppb		93
76)	Pentachlorophenol	9.79	266	7455	1.79	ppb		97
77)	Phenanthrene	9.97	178	47282	1.58	ppb		98
78)	Anthracene	10.04	178	51892	1.81	ppb		98
79)	Carbazole	10.37	167	38289	1.31	ppb		97
80)	Di-n-butylphthalate	11.15	149	43794	1.24	ppb		98
81)	Fluoranthene	11.77	202	51132	1.46	ppb		99
82)	Octadecane	10.03	57	16085	1.27	ppb		91
84)	Pyrene	12.05	202	53394	1.39	ppb		99
86)	Butylbenzylphthalate	13.03	149	17884	1.09	ppb		95
87)	Butyl stearate	13.13	56	24908	2.38	ppb		98
88)	Benzo[a]anthracene	13.48	228	48179	1.34	ppb		99
89)	3,3'-Dichlorobenzidine	13.52	252	15289	1.23	ppb		85
90)	Chrysene	13.51	228	52441	1.68	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329D\F92482.D Vial: 4
Acq On : 20 Oct 2010 10:17 am Operator: ninap
Sample : ic4329-1 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:57:31 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 10:27:11 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

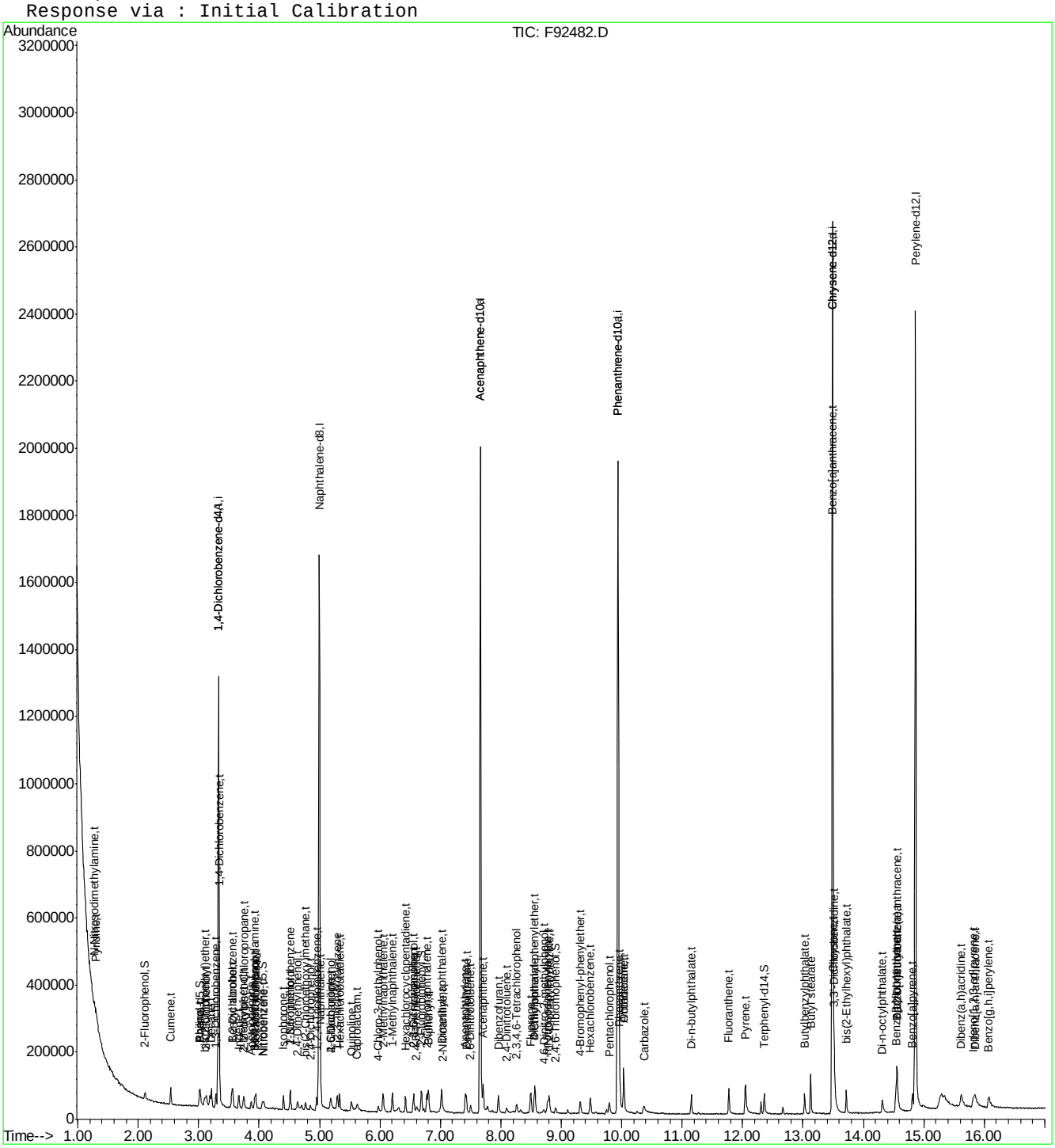
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
91)	bis(2-Ethylhexyl)phthalate	13.72	149	24432	1.09	ppb	97
93)	Di-n-octylphthalate	14.31	149	33536	0.86	ppb	99
94)	Benzo[b]fluoranthene	14.53	252	31374m	0.80	ppb	
95)	Benzo[k]fluoranthene	14.55	252	60504m	2.17	ppb	
96)	Benzo[a]pyrene	14.81	252	32412	0.97	ppb	98
97)	Indeno[1,2,3-cd]pyrene	15.82	276	39454	1.11	ppb	99
98)	Dibenz(a,h)acridine	15.62	279	26716	0.98	ppb	87
99)	Dibenz[a,h]anthracene	15.85	278	31196	1.07	ppb	95
100)	7,12-Dimethylbenz(a)anthra	14.55	256	15933	1.20	ppb	96
101)	Benzo[g,h,i]perylene	16.08	276	37534	1.20	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329D\F92482.D Vial: 4
Acq On : 20 Oct 2010 10:17 am Operator: ninap
Sample : ic4329-1 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 22 16:00 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integration Approval Summary

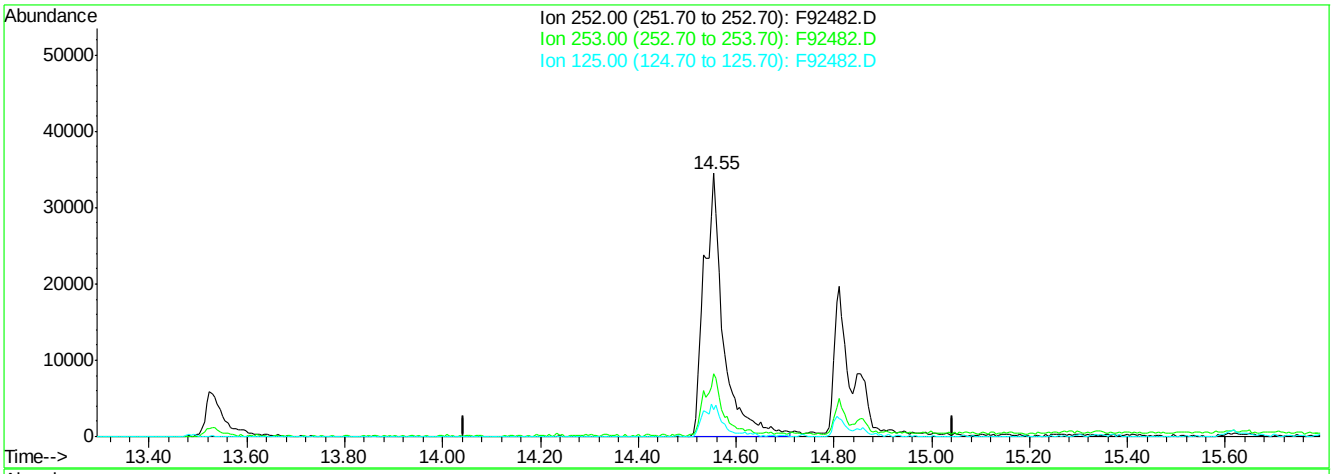
Sample Number: EF4329-IC4329 **Method:** SW846 8270C
Lab FileID: F92482.D **Analyst approved:** 10/22/10 07:34 Nina Pandya
Injection Time: 10/20/10 10:17 **Supervisor approved:** 10/22/10 16:12 Kristi Schollenberger

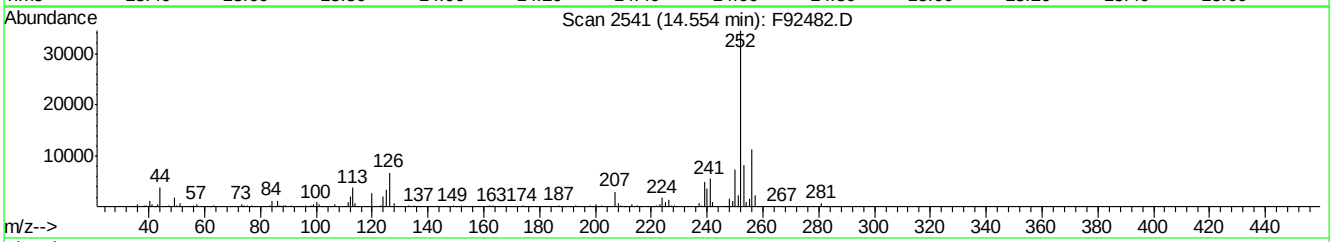
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzoic acid	65-85-0		4.78	Poor instrument integration
Benzo(b)fluoranthene	205-99-2		14.53	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.55	Overlapping peak

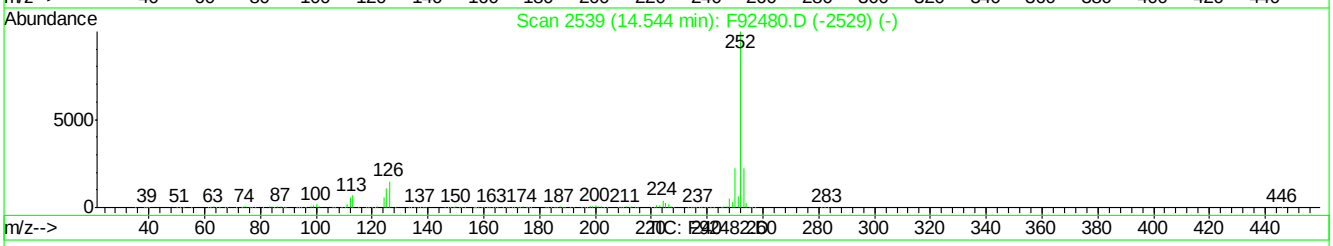
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92482.D Vial: 4
Acq On : 20 Oct 2010 10:17 am Operator: ninap
Sample : ic4329-1 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:58 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 10:27:11 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.55min 2.43ppb

response 95452

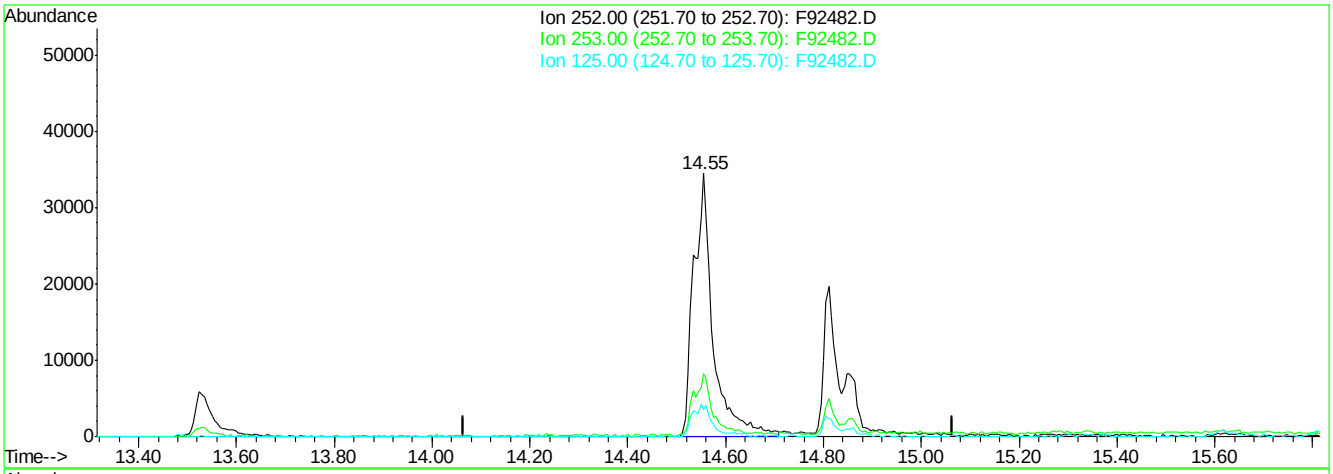
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.22
125.00	9.60	10.35
0.00	0.00	0.00

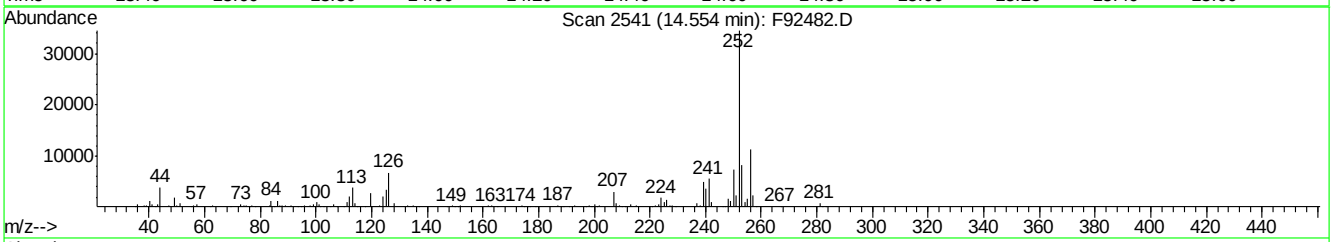
F92482.D MF4329.M Wed Oct 20 10:59:15 2010 GCMS3A

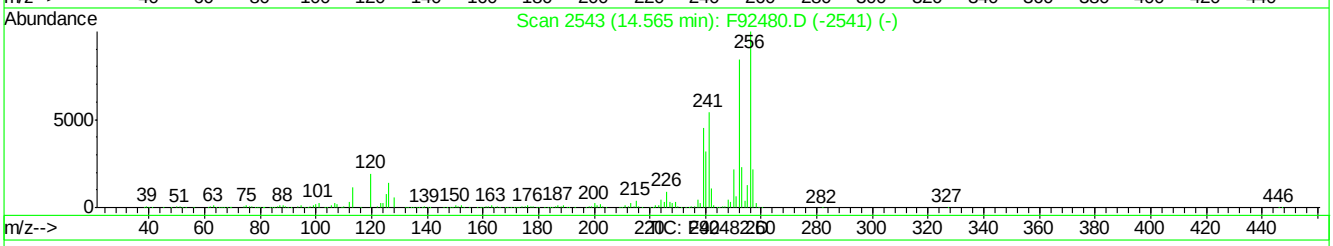
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92482.D Vial: 4
Acq On : 20 Oct 2010 10:17 am Operator: ninap
Sample : ic4329-1 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 10:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 10:27:11 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.55min 3.42ppb

response 95452

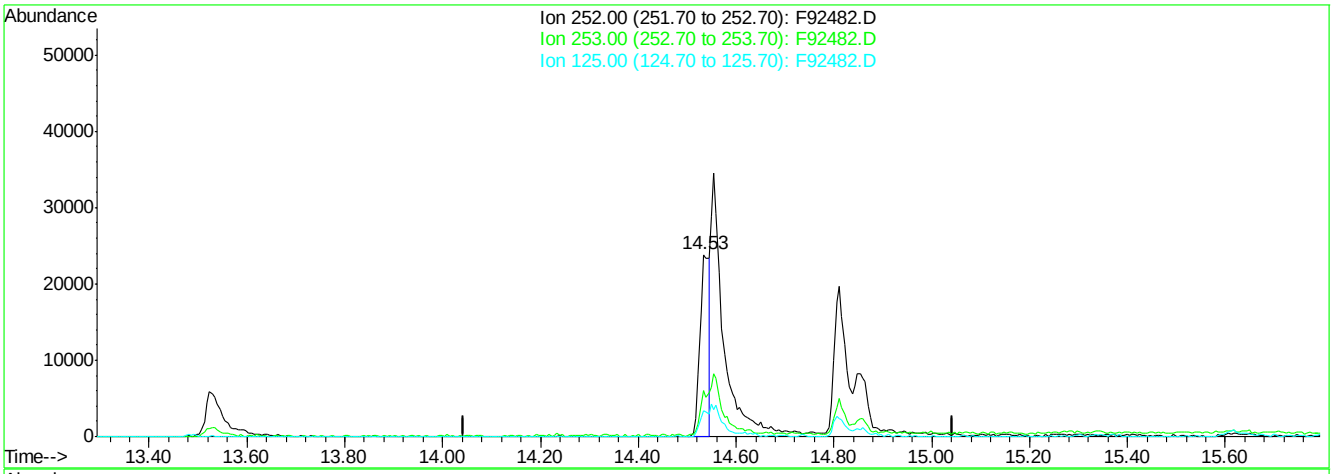
Ion	Exp%	Act%
252.00	100	100
253.00	25.20	23.22
125.00	11.30	10.35
0.00	0.00	0.00

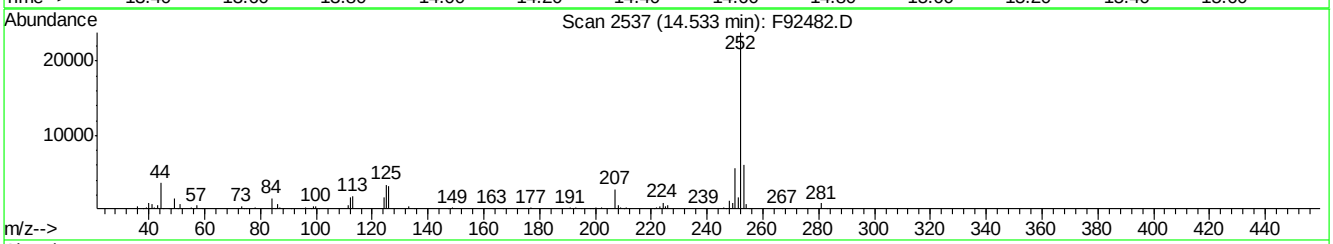
F92482.D MF4329.M Wed Oct 20 10:59:23 2010 GCMS3A

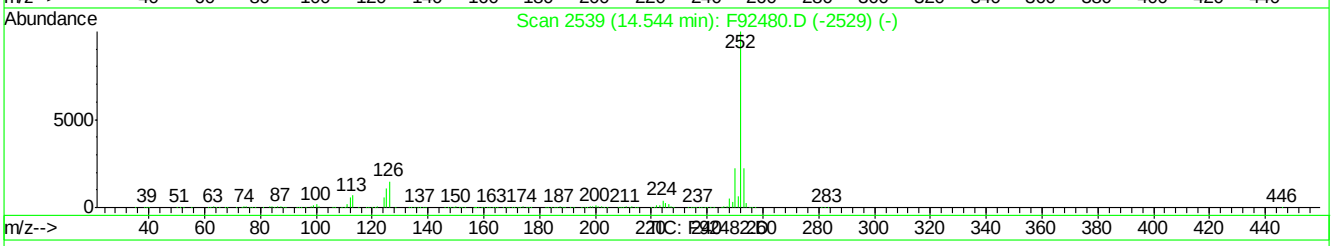
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92482.D Vial: 4
Acq On : 20 Oct 2010 10:17 am Operator: ninap
Sample : ic4329-1 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 11:00 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.53min 0.80ppb m

response 31374

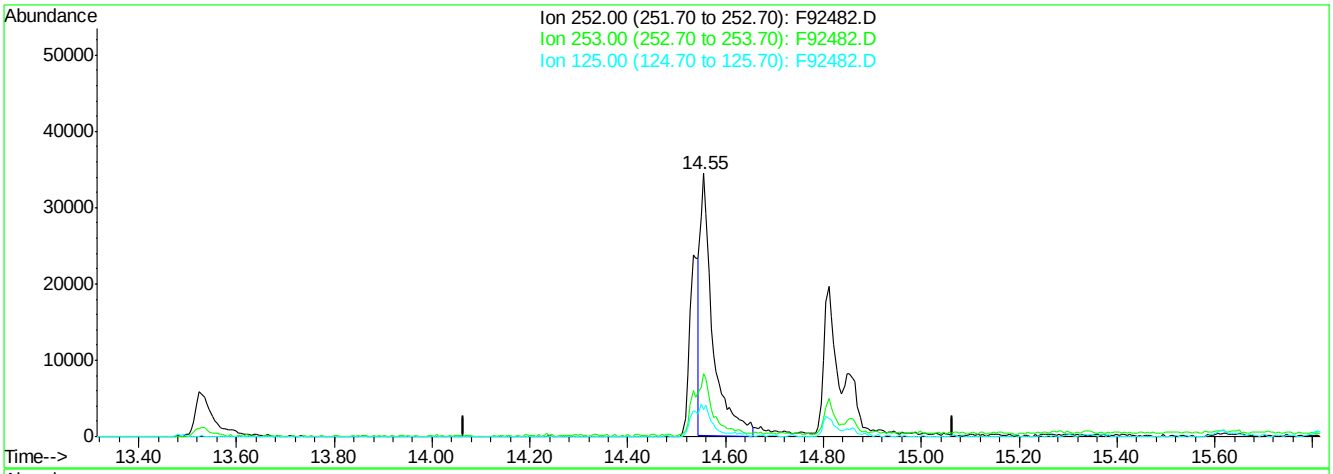
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	25.08
125.00	9.60	14.25
0.00	0.00	0.00

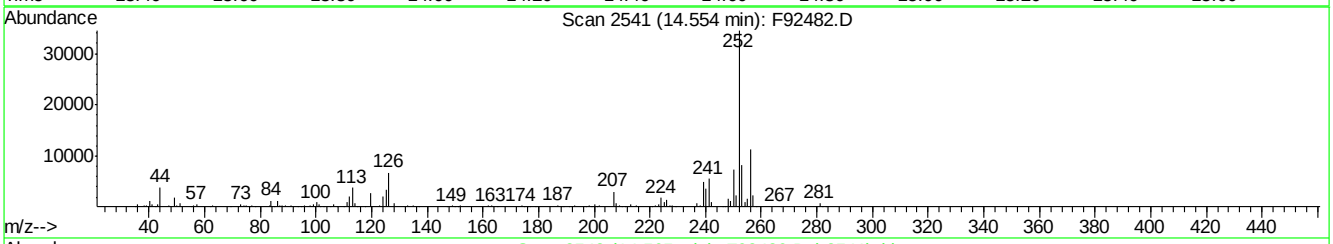
F92482.D MF4329.M Wed Oct 20 13:16:50 2010 GCMS3A

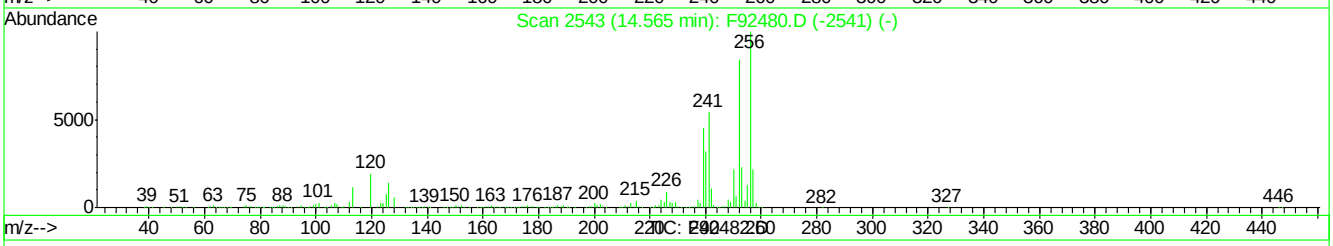
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92482.D Vial: 4
Acq On : 20 Oct 2010 10:17 am Operator: ninap
Sample : ic4329-1 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 13:17 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.55min 2.17ppb m

response 60504

Ion	Exp%	Act%
252.00	100	100
253.00	25.20	23.88
125.00	11.30	10.27
0.00	0.00	0.00

F92482.D MF4329.M Wed Oct 20 13:17:17 2010 GCMS3A

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 10/22/10 16:12

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92483.D Vial: 5
Acq On : 20 Oct 2010 10:41 am Operator: ninap
Sample : ic4329-2 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 11:05:25 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 11:04:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	305813	40.00	ppb		0.00
24) Naphthalene-d8	5.00	136	1137873	40.00	ppb		0.00
47) Acenaphthene-d10	7.66	164	708710	40.00	ppb		0.00
69) Phenanthrene-d10	9.94	188	1249643	40.00	ppb		0.00
83) Chrysene-d12	13.49	240	1373632	40.00	ppb		0.00
92) Perylene-d12	14.86	264	1159810	40.00	ppb		0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	305813	40.00	ppb		0.00
104) Acenaphthene-d10a	7.66	164	708710	40.00	ppb		0.00
106) Phenanthrene-d10a	9.94	188	1249643	40.00	ppb		0.00
108) Chrysene-d12a	13.49	240	1373632	40.00	ppb		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	2.11	112	17691	1.74	ppb		0.00
Spiked Amount 50.000			Recovery =	3.48%			
8) Phenol-d5	3.02	99	18597	1.44	ppb		0.00
Spiked Amount 50.000			Recovery =	2.88%			
25) Nitrobenzene-d5	4.06	82	21406	1.92	ppb		0.00
Spiked Amount 50.000			Recovery =	3.84%			
51) 2-Fluorobiphenyl	6.69	172	53410	2.40	ppb		0.00
Spiked Amount 50.000			Recovery =	4.80%			
73) 2,4,6-Tribromophenol	8.91	330	4798	1.61	ppb		-0.01
Spiked Amount 50.000			Recovery =	3.22%			
85) Terphenyl-d14	12.36	244	57237	2.24	ppb		0.00
Spiked Amount 50.000			Recovery =	4.48%			
Target Compounds							Qvalue
2) 1,4-Dioxane	1.12	88	10400	2.10	ppb		94
3) Pyridine	1.30	79	25605	2.34	ppb		97
4) N-Nitrosodimethylamine	1.28	74	14736	2.17	ppb		96
6) Indene	3.67	116	29794	2.11	ppb		100
7) Cumene	2.54	105	41317	2.17	ppb		99
9) Phenol	3.03	94	20383	1.51	ppb	#	43
10) Aniline	3.02	93	30469	2.38	ppb		87
11) bis(2-Chloroethyl)ether	3.10	93	22313	2.26	ppb		97
12) 2-Chlorophenol	3.13	128	18302	1.87	ppb		97
13) Decane	3.21	43	23881	2.23	ppb		98
14) 1,3-Dichlorobenzene	3.29	146	25268	2.22	ppb		96
15) 1,4-Dichlorobenzene	3.35	146	24365	2.23	ppb		97
16) Benzyl alcohol	3.55	108	9133	1.41	ppb		91
17) 1,2-Dichlorobenzene	3.57	146	24298	2.48	ppb		95
18) Acetophenone	3.87	105	24066	1.81	ppb		93
19) 2-Methylphenol	3.73	108	11326	1.27	ppb		99
20) 2,2'-oxybis(1-Chloropropan	3.75	121	6324	2.17	ppb		97
21) 3&4-Methylphenol	3.93	108	12728	1.46	ppb		98
22) n-Nitroso-di-n-propylamine	3.92	70	14274	2.17	ppb		97
23) Hexachloroethane	3.94	201	8728	2.38	ppb		95
26) Nitrobenzene	4.08	123	9201	1.82	ppb		99
27) Quinoline	5.53	129	33577	1.72	ppb		99
28) Isophorone	4.40	82	40122	2.10	ppb		97
29) 2-Nitrophenol	4.51	139	7594	1.48	ppb	#	72

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92483.D Vial: 5
Acq On : 20 Oct 2010 10:41 am Operator: ninap
Sample : ic4329-2 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 11:05:25 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 11:04:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	2,4-Dimethylphenol	4.64	107	13902	1.45	ppb		97
31)	Benzoic acid	4.77	105	6055	0.87	ppb		96
32)	bis(2-Chloroethoxy)methane	4.77	93	22712	1.81	ppb		99
33)	2,4-Dichlorophenol	4.85	162	12712	1.37	ppb		97
34)	2,6-Dichlorophenol	5.18	162	14119	1.59	ppb		88
35)	1,3,5-Trichlorobenzene	4.52	180	21319	2.23	ppb		99
36)	1,2,4-Trichlorobenzene	4.95	180	21508	2.22	ppb		95
37)	1,2,3-Trichlorobenzene	5.30	180	21038	2.20	ppb		99
38)	Naphthalene	5.02	128	63233	2.23	ppb		97
39)	4-Chloroaniline	5.18	127	25076	2.17	ppb		97
40)	2,3-Dichloroaniline	6.55	161	21561	2.11	ppb		95
41)	Caprolactam	5.62	55	11020	1.92	ppb		95
42)	Hexachlorobutadiene	5.33	225	12861	2.35	ppb		92
43)	4-Chloro-3-methylphenol	5.97	107	14836	1.63	ppb		87
44)	2-Methylnaphthalene	6.05	142	44668	2.20	ppb		98
45)	1-Methylnaphthalene	6.21	142	43039	2.26	ppb		98
46)	Dimethylnaphthalene	7.02	156	37624	2.23	ppb		98
48)	Hexachlorocyclopentadiene	6.42	237	13709	2.91	ppb		99
49)	2,4,6-Trichlorophenol	6.56	196	12223	1.91	ppb		95
50)	2,4,5-Trichlorophenol	6.61	196	12920	1.77	ppb		86
52)	2-Chloronaphthalene	6.78	162	44634	2.36	ppb		97
53)	Biphenyl	6.80	154	54085	2.46	ppb		98
54)	2-Nitroaniline	7.05	65	10796	1.92	ppb		87
55)	Dimethylphthalate	7.43	163	51338	2.46	ppb		100
56)	Acenaphthylene	7.41	152	68955	2.26	ppb		100
57)	2,6-Dinitrotoluene	7.50	165	7736	1.62	ppb		99
58)	3-Nitroaniline	7.72	138	8926	1.77	ppb	#	42
59)	Acenaphthene	7.71	153	44880	2.56	ppb		93
60)	2,4-Dinitrophenol	7.86	184	2414	0.96	ppb		97
62)	Dibenzofuran	7.96	168	65850	2.45	ppb		98
63)	2,4-Dinitrotoluene	8.10	165	9415	1.45	ppb		94
64)	2,3,4,6-Tetrachlorophenol	8.26	232	10925	1.76	ppb	#	10
65)	Diethylphthalate	8.56	149	49841	2.61	ppb		98
66)	Fluorene	8.50	166	51392	2.37	ppb		98
67)	4-Chlorophenyl-phenylether	8.57	204	26106	2.56	ppb		94
68)	4-Nitroaniline	8.67	138	9998	1.76	ppb		88
70)	4,6-Dinitro-2-methylphenol	8.71	198	3201	0.78	ppb	#	91
71)	n-Nitrosodiphenylamine	8.77	169	35350	2.26	ppb		94
72)	1,2-Diphenylhydrazine	8.80	77	52327	2.44	ppb		98
74)	4-Bromophenyl-phenylether	9.31	248	14679	2.12	ppb		96
75)	Hexachlorobenzene	9.48	284	16301	2.39	ppb		94
76)	Pentachlorophenol	9.79	266	13717	3.10	ppb		95
77)	Phenanthrene	9.97	178	77214	2.42	ppb		98
78)	Anthracene	10.04	178	85479	2.79	ppb		98
79)	Carbazole	10.37	167	70933	2.28	ppb		96
80)	Di-n-butylphthalate	11.15	149	75830	2.01	ppb		99
81)	Fluoranthene	11.77	202	85293	2.30	ppb		99
82)	Octadecane	10.03	57	30648	2.27	ppb		97
84)	Pyrene	12.05	202	90137	2.28	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92483.D Vial: 5
Acq On : 20 Oct 2010 10:41 am Operator: ninap
Sample : ic4329-2 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 11:05:25 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 11:04:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

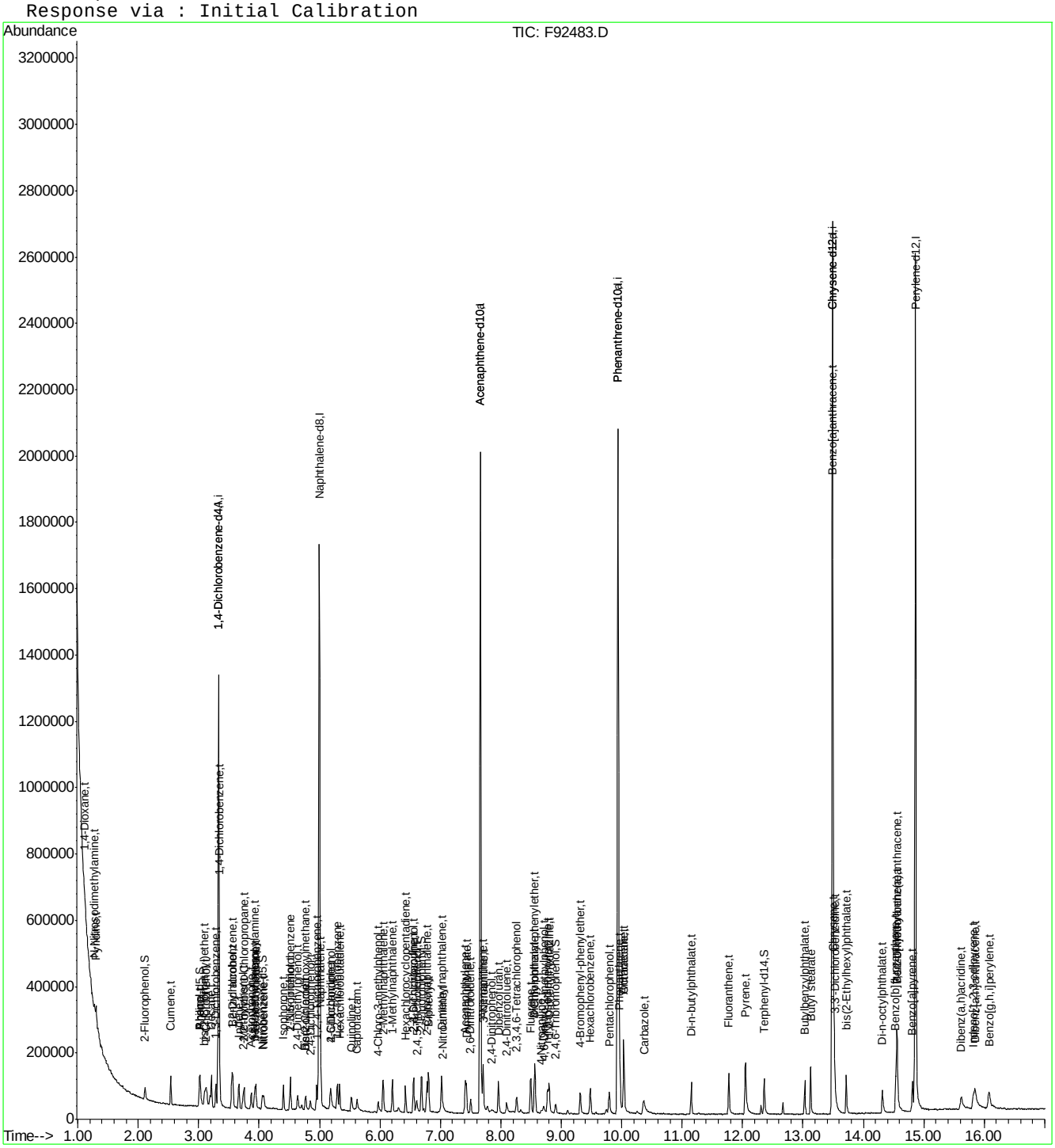
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
86)	Butylbenzylphthalate	13.03	149	31209	1.85	ppb	94
87)	Butyl stearate	13.12	56	28960	2.69	ppb	98
88)	Benzo[a]anthracene	13.48	228	77279	2.08	ppb	99
89)	3,3'-Dichlorobenzidine	13.53	252	24731	1.94	ppb	93
90)	Chrysene	13.51	228	86287	2.69	ppb	99
91)	bis(2-Ethylhexyl)phthalate	13.72	149	41966	1.82	ppb	99
93)	Di-n-octylphthalate	14.31	149	58201	1.46	ppb	99
94)	Benzo[b]fluoranthene	14.53	252	53817m	1.34	ppb	
95)	Benzo[k]fluoranthene	14.55	252	97398m	3.41	ppb	
96)	Benzo[a]pyrene	14.81	252	56830	1.66	ppb	99
97)	Indeno[1,2,3-cd]pyrene	15.82	276	65198	1.79	ppb	94
98)	Dibenz(a,h)acridine	15.62	279	42490	1.52	ppb	98
99)	Dibenz[a,h]anthracene	15.84	278	54166	1.81	ppb	96
100)	7,12-Dimethylbenz(a)anthra	14.56	256	26185	1.93	ppb	93
101)	Benzo[g,h,i]perylene	16.08	276	60927	1.91	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92483.D Vial: 5
Acq On : 20 Oct 2010 10:41 am Operator: ninap
Sample : ic4329-2 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 11:06 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Initial Calibration



Manual Integration Approval Summary

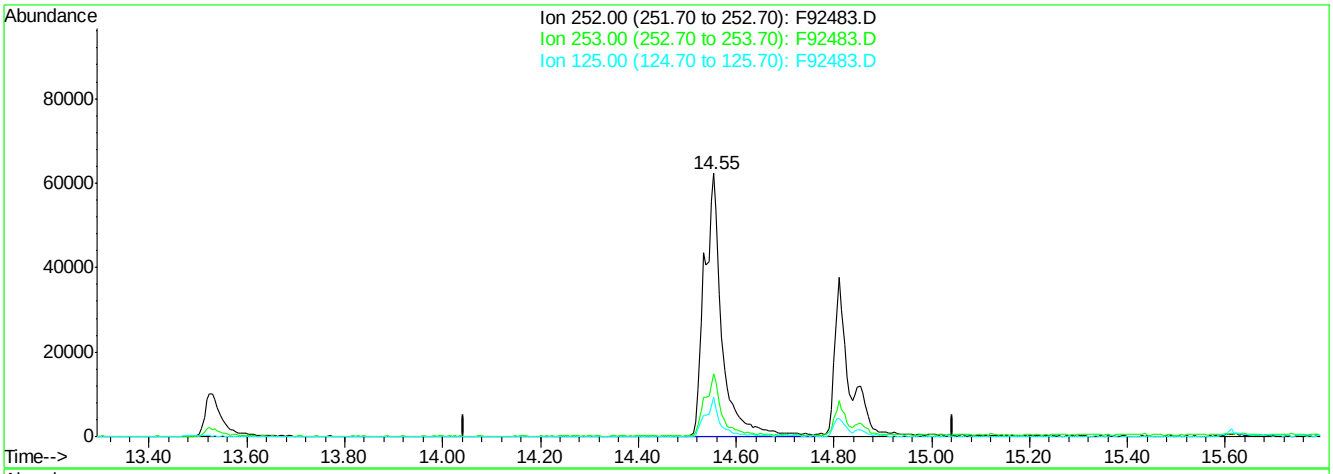
Sample Number:	EF4329-IC4329	**Method:**	SW846 8270C
Lab FileID:	F92483.D	**Analyst approved:**	10/20/10 13:04 Nina Pandya
Injection Time:	10/20/10 10:41	**Supervisor approved:**	10/22/10 16:12 Kristi Schollenberger

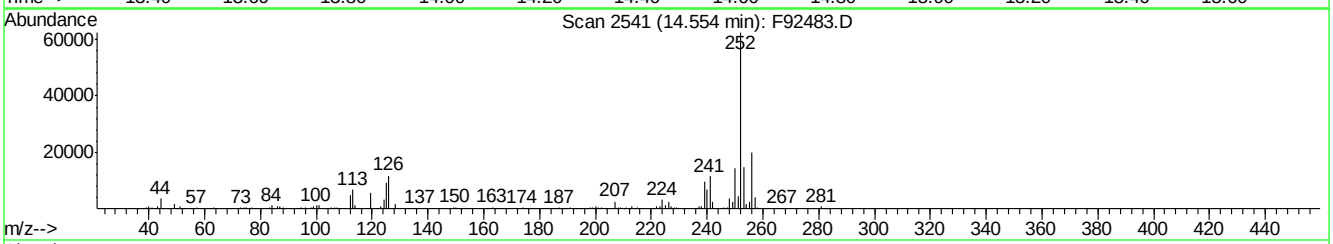
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.53	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.55	Overlapping peak

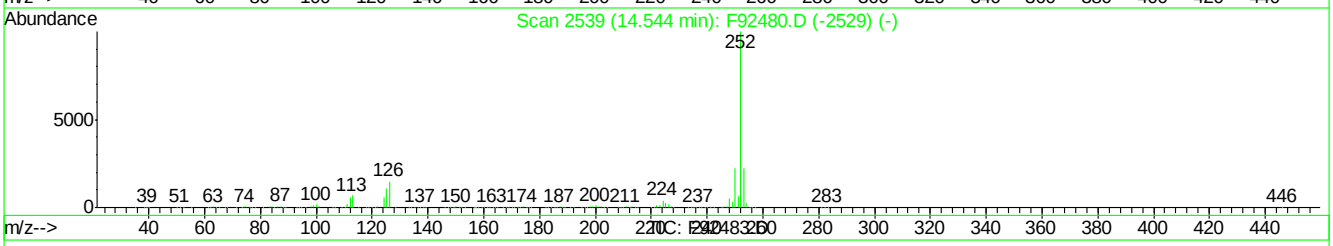
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92483.D Vial: 5
Acq On : 20 Oct 2010 10:41 am Operator: ninap
Sample : ic4329-2 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 11:05 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 11:04:46 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.55min 3.96ppb

response 159159

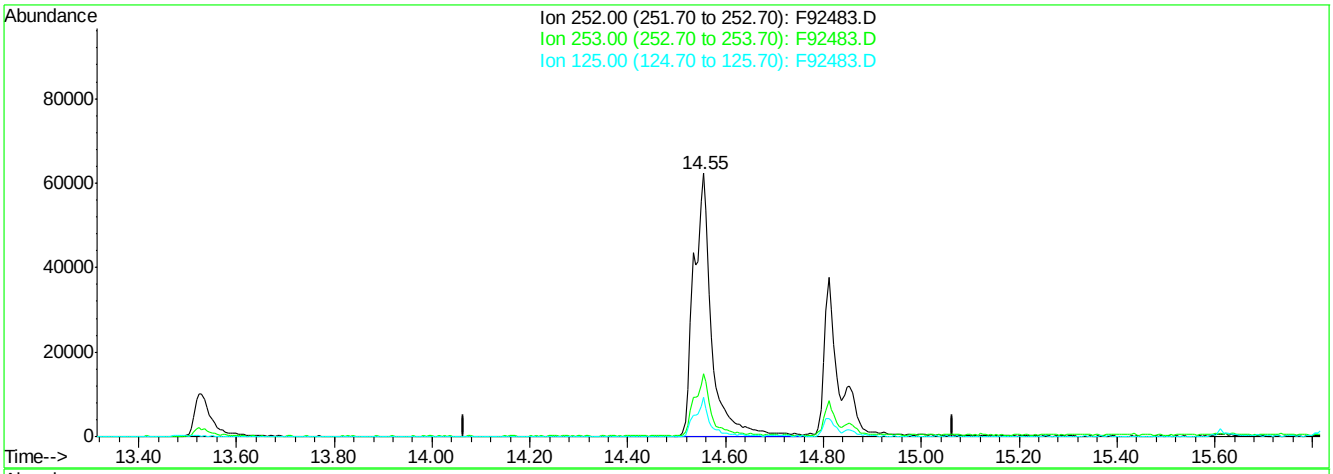
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.58
125.00	9.60	14.54
0.00	0.00	0.00

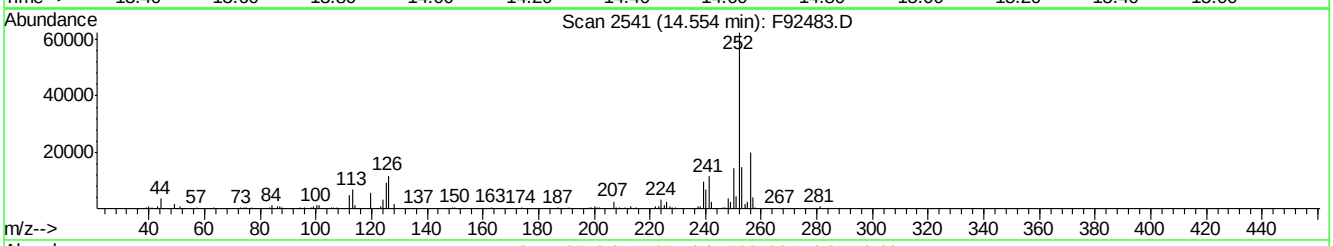
F92483.D MF4329.M Wed Oct 20 11:06:11 2010 GCMS3A

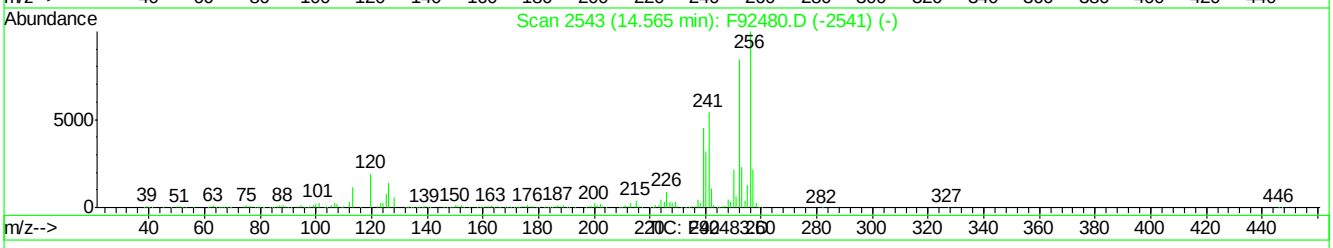
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92483.D Vial: 5
Acq On : 20 Oct 2010 10:41 am Operator: ninap
Sample : ic4329-2 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 11:06 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 11:04:46 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.55min 5.56ppb

response 159159

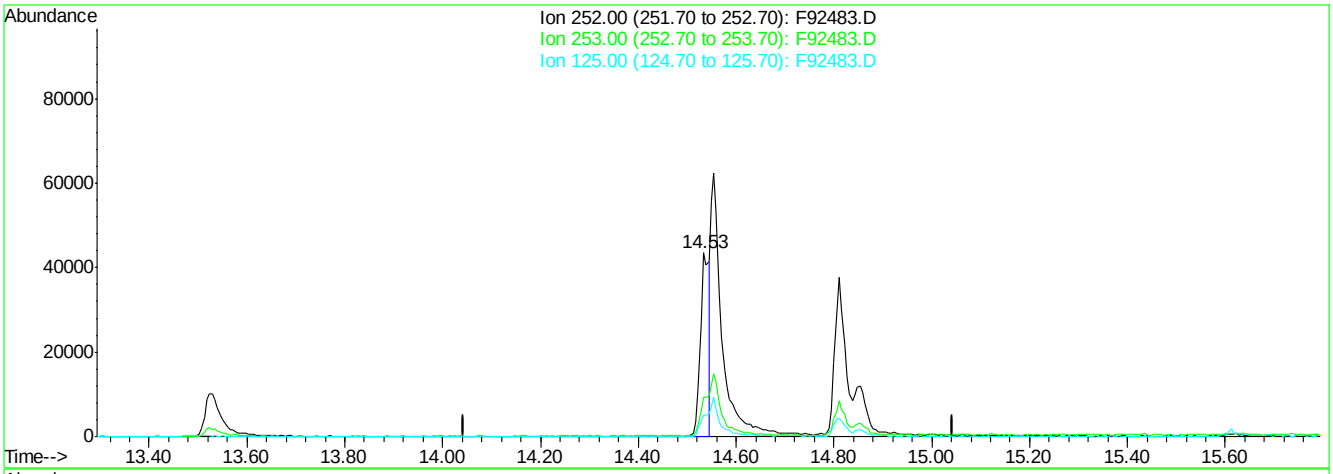
Ion	Exp%	Act%
252.00	100	100
253.00	25.20	23.58
125.00	11.30	14.54
0.00	0.00	0.00

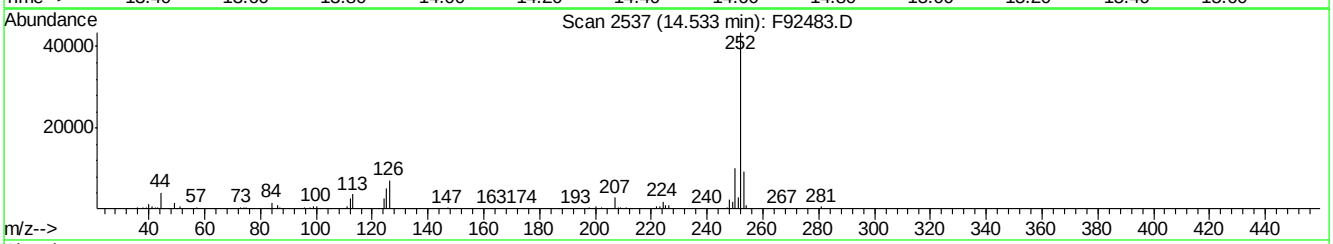
F92483.D MF4329.M Wed Oct 20 11:06:21 2010 GCMS3A

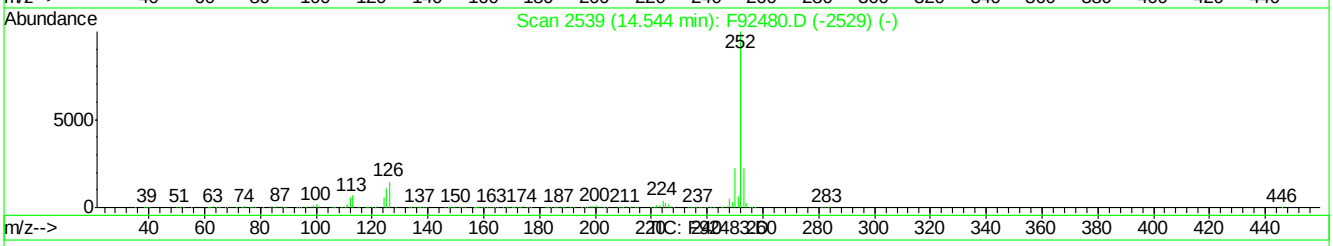
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92483.D Vial: 5
Acq On : 20 Oct 2010 10:41 am Operator: ninap
Sample : ic4329-2 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 11:06 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 13:18:14 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.53min 1.34ppb m

response 53817

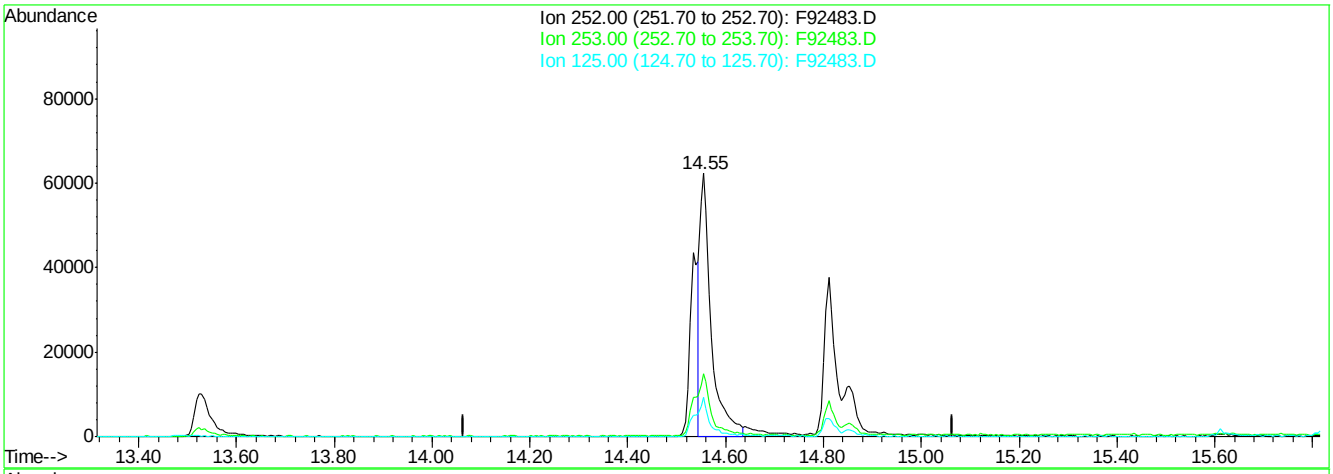
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.50
125.00	9.60	11.82
0.00	0.00	0.00

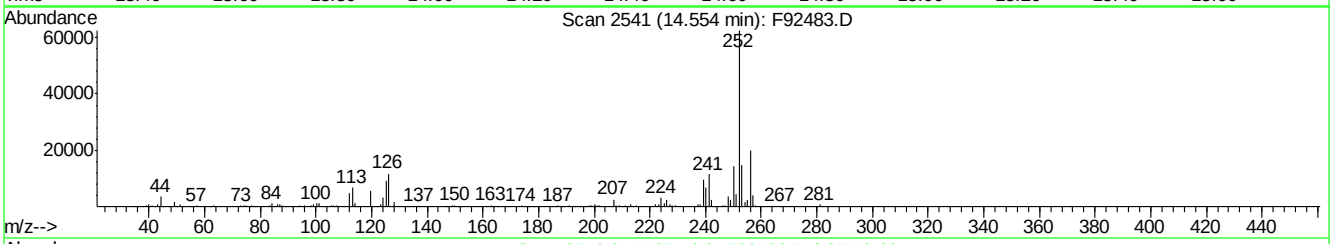
F92483.D MF4329.M Wed Oct 20 13:18:37 2010 GCMS3A

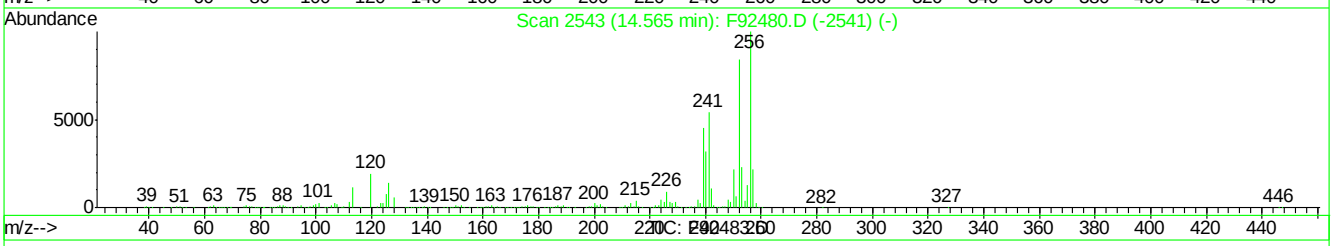
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92483.D Vial: 5
Acq On : 20 Oct 2010 10:41 am Operator: ninap
Sample : ic4329-2 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 11:06 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 13:18:14 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.55min 3.41ppb m

response 97398

Ion	Exp%	Act%
252.00	100	100
253.00	25.20	23.96
125.00	11.30	14.75
0.00	0.00	0.00

F92483.D MF4329.M Wed Oct 20 13:18:42 2010 GCMS3A

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 10/22/10 16:12

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92484.D Vial: 6
Acq On : 20 Oct 2010 11:06 am Operator: ninap
Sample : ic4329-5 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:20:20 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	381201	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	1355225	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	843718	40.00	ppb	0.00
69) Phenanthrene-d10	9.94	188	1446165	40.00	ppb	0.00
83) Chrysene-d12	13.49	240	1638216	40.00	ppb	0.00
92) Perylene-d12	14.86	264	1396705	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	381201	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	843718	40.00	ppb	0.00
106) Phenanthrene-d10a	9.94	188	1446165	40.00	ppb	0.00
108) Chrysene-d12a	13.49	240	1638216	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.11	112	61182	4.83	ppb	0.00
Spiked Amount 50.000			Recovery =	9.66%		
8) Phenol-d5	3.01	99	78387	4.89	ppb	0.00
Spiked Amount 50.000			Recovery =	9.78%		
25) Nitrobenzene-d5	4.05	82	68611	5.17	ppb	0.00
Spiked Amount 50.000			Recovery =	10.34%		
51) 2-Fluorobiphenyl	6.69	172	158642	5.99	ppb	-0.01
Spiked Amount 50.000			Recovery =	11.98%		
73) 2,4,6-Tribromophenol	8.91	330	18289	5.30	ppb	-0.01
Spiked Amount 50.000			Recovery =	10.60%		
85) Terphenyl-d14	12.35	244	168018	5.51	ppb	0.00
Spiked Amount 50.000			Recovery =	11.02%		
Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	36202	5.86	ppb	89
3) Pyridine	1.29	79	70470	5.16	ppb	97
4) N-Nitrosodimethylamine	1.27	74	44845	5.31	ppb	96
6) Indene	3.67	116	95676	5.44	ppb	98
7) Cumene	2.54	105	130700	5.50	ppb	100
9) Phenol	3.03	94	83307	4.94	ppb	74
10) Aniline	3.02	93	104816	6.57	ppb	90
11) bis(2-Chloroethyl)ether	3.10	93	73686	5.99	ppb	98
12) 2-Chlorophenol	3.13	128	63677	5.23	ppb	97
13) Decane	3.21	43	78706	5.90	ppb	97
14) 1,3-Dichlorobenzene	3.29	146	79566	5.60	ppb	98
15) 1,4-Dichlorobenzene	3.35	146	77146	5.66	ppb	99
16) Benzyl alcohol	3.55	108	41405	5.12	ppb	98
17) 1,2-Dichlorobenzene	3.57	146	74667	6.12	ppb	98
18) Acetophenone	3.87	105	85587	5.17	ppb	98
19) 2-Methylphenol	3.73	108	53793	4.85	ppb	96
20) 2,2'-oxybis(1-Chloropropan	3.75	121	21554	5.92	ppb	89
21) 3&4-Methylphenol	3.92	108	60688	5.60	ppb	97
22) n-Nitroso-di-n-propylamine	3.92	70	46321	5.66	ppb	97
23) Hexachloroethane	3.95	201	28040	6.12	ppb	98
26) Nitrobenzene	4.08	123	33365	5.54	ppb	98
27) Quinoline	5.53	129	118911	5.10	ppb	99
28) Isophorone	4.40	82	129785	5.71	ppb	96
29) 2-Nitrophenol	4.52	139	30082	4.94	ppb	83

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92484.D Vial: 6
Acq On : 20 Oct 2010 11:06 am Operator: ninap
Sample : ic4329-5 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:20:20 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	2,4-Dimethylphenol	4.64	107	49899	4.38	ppb		99
31)	Benzoic acid	4.79	105	29096	3.52	ppb		89
32)	bis(2-Chloroethoxy)methane	4.77	93	81879	5.49	ppb		99
33)	2,4-Dichlorophenol	4.85	162	54499	4.92	ppb		96
34)	2,6-Dichlorophenol	5.18	162	54687	5.17	ppb		98
35)	1,3,5-Trichlorobenzene	4.52	180	69288	6.10	ppb		98
36)	1,2,4-Trichlorobenzene	4.95	180	67494	5.84	ppb		99
37)	1,2,3-Trichlorobenzene	5.30	180	65492	5.75	ppb		100
38)	Naphthalene	5.02	128	194701	5.75	ppb		100
39)	4-Chloroaniline	5.18	127	85516	6.21	ppb		99
40)	2,3-Dichloroaniline	6.55	161	69678	5.72	ppb		99
41)	Caprolactam	5.63	55	34507	5.04	ppb		96
42)	Hexachlorobutadiene	5.33	225	38081	5.85	ppb		97
43)	4-Chloro-3-methylphenol	5.97	107	51928	4.80	ppb		90
44)	2-Methylnaphthalene	6.05	142	142861	5.91	ppb		100
45)	1-Methylnaphthalene	6.21	142	131313	5.78	ppb		100
46)	Dimethylnaphthalene	7.02	156	118713	5.91	ppb		98
48)	Hexachlorocyclopentadiene	6.42	237	47186	8.43	ppb		98
49)	2,4,6-Trichlorophenol	6.56	196	41048	5.39	ppb		98
50)	2,4,5-Trichlorophenol	6.61	196	48349	5.57	ppb		100
52)	2-Chloronaphthalene	6.78	162	137808	6.12	ppb		99
53)	Biphenyl	6.80	154	165934	6.34	ppb		98
54)	2-Nitroaniline	7.04	65	36604	5.47	ppb		100
55)	Dimethylphthalate	7.43	163	152668	6.15	ppb		100
56)	Acenaphthylene	7.41	152	209650	5.76	ppb		99
57)	2,6-Dinitrotoluene	7.50	165	27553	4.85	ppb		99
58)	3-Nitroaniline	7.69	138	32944	5.49	ppb		91
59)	Acenaphthene	7.71	153	129618	6.20	ppb		99
60)	2,4-Dinitrophenol	7.85	184	13498	4.49	ppb		96
61)	4-Nitrophenol	8.08	109	11897	3.76	ppb	#	87
62)	Dibenzofuran	7.96	168	197918	6.20	ppb		98
63)	2,4-Dinitrotoluene	8.10	165	39133	5.05	ppb		100
64)	2,3,4,6-Tetrachlorophenol	8.26	232	38681	5.24	ppb	#	18
65)	Diethylphthalate	8.56	149	146934	6.46	ppb		99
66)	Fluorene	8.50	166	153610	5.96	ppb		99
67)	4-Chlorophenyl-phenylether	8.57	204	76308	6.29	ppb		98
68)	4-Nitroaniline	8.66	138	35756	5.27	ppb		97
70)	4,6-Dinitro-2-methylphenol	8.71	198	14673	3.09	ppb		100
71)	n-Nitrosodiphenylamine	8.77	169	108392	5.98	ppb		99
72)	1,2-Diphenylhydrazine	8.80	77	150571	6.07	ppb		99
74)	4-Bromophenyl-phenylether	9.31	248	45665	5.71	ppb		98
75)	Hexachlorobenzene	9.48	284	48575	6.16	ppb		97
76)	Pentachlorophenol	9.79	266	54271	10.58	ppb		96
77)	Phenanthrene	9.97	178	218328	5.92	ppb		98
78)	Anthracene	10.04	178	237475	6.71	ppb		100
79)	Carbazole	10.36	167	205086	5.69	ppb		99
80)	Di-n-butylphthalate	11.15	149	238008	5.45	ppb		99
81)	Fluoranthene	11.77	202	247913	5.77	ppb		98
82)	Octadecane	10.03	57	93522	5.99	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92484.D Vial: 6
Acq On : 20 Oct 2010 11:06 am Operator: ninap
Sample : ic4329-5 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:20:20 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

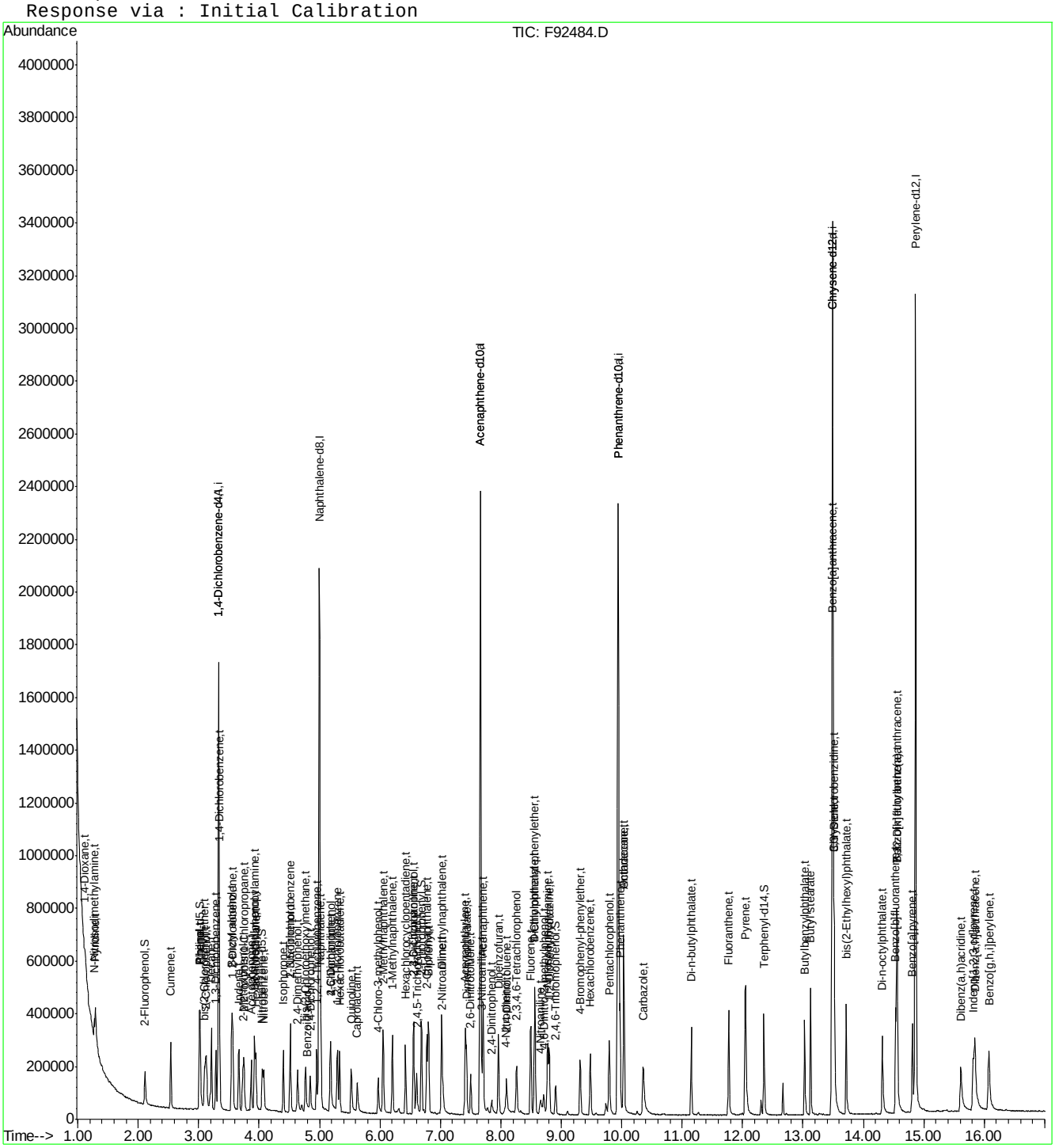
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84)	Pyrene	12.05	202	267553	5.68	ppb	99
86)	Butylbenzylphthalate	13.03	149	99174	4.92	ppb	99
87)	Butyl stearate	13.12	56	86630	6.75	ppb	99
88)	Benzo[a]anthracene	13.48	228	232259	5.25	ppb	99
89)	3,3'-Dichlorobenzidine	13.52	252	81474	5.35	ppb	98
90)	Chrysene	13.51	228	243481	6.37	ppb	99
91)	bis(2-Ethylhexyl)phthalate	13.72	149	141485	5.13	ppb	99
93)	Di-n-octylphthalate	14.31	149	220475	4.58	ppb	99
94)	Benzo[b]fluoranthene	14.53	252	200172m	4.13	ppb	
95)	Benzo[k]fluoranthene	14.55	252	280390	8.14	ppb	95
96)	Benzo[a]pyrene	14.81	252	230923	5.62	ppb	99
97)	Indeno[1,2,3-cd]pyrene	15.82	276	228804	5.21	ppb	96
98)	Dibenz(a,h)acridine	15.61	279	150405	4.45	ppb	98
99)	Dibenz[a,h]anthracene	15.85	278	184329	5.10	ppb	97
100)	7,12-Dimethylbenz(a)anthra	14.56	256	83221	5.08	ppb	98
101)	Benzo[g,h,i]perylene	16.08	276	198117	5.14	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92484.D Vial: 6
Acq On : 20 Oct 2010 11:06 am Operator: ninap
Sample : ic4329-5 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:21 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integration Approval Summary

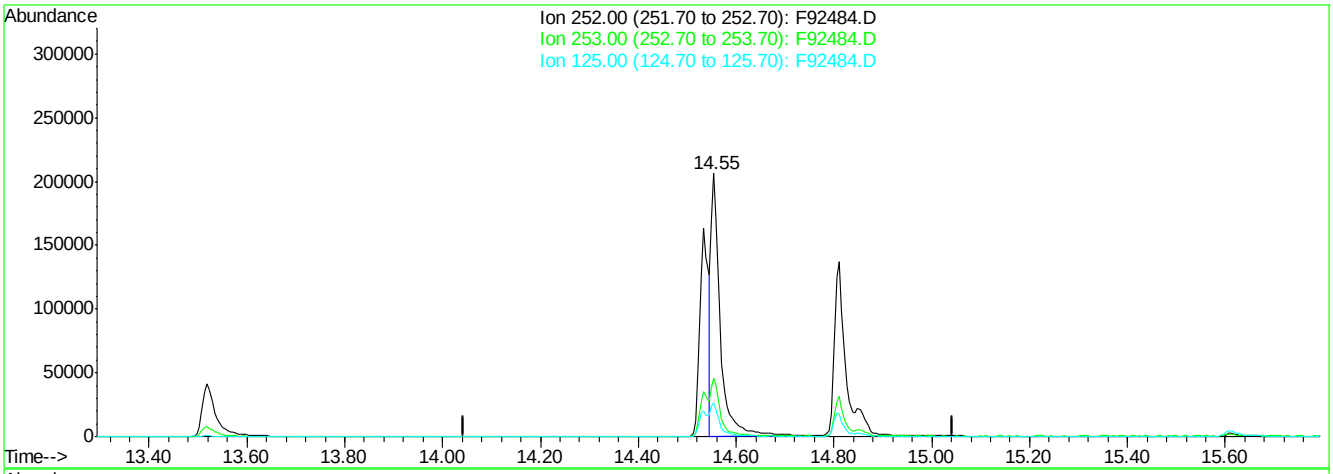
Sample Number:	EF4329-IC4329	**Method:**	SW846 8270C
Lab FileID:	F92484.D	**Analyst approved:**	10/20/10 13:04 Nina Pandya
Injection Time:	10/20/10 11:06	**Supervisor approved:**	10/22/10 16:12 Kristi Schollenberger

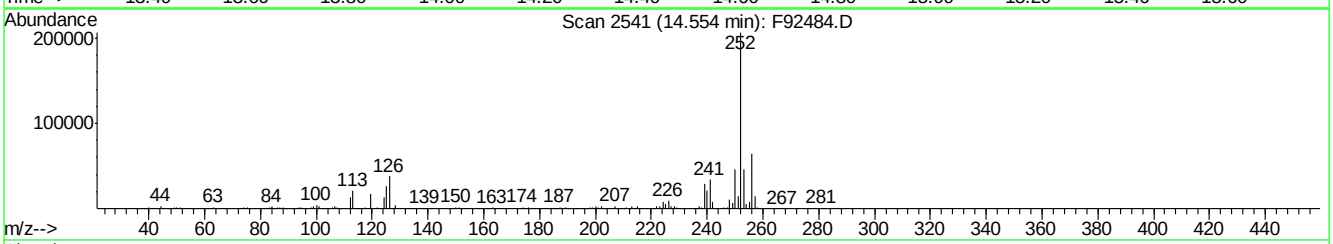
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.53	Overlapping peak

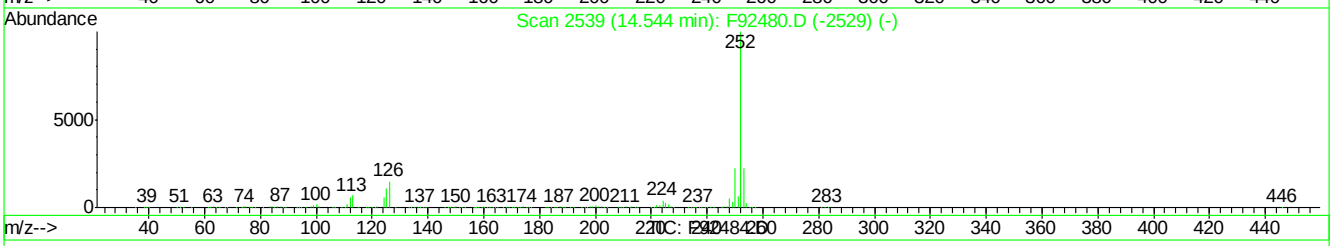
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92484.D Vial: 6
Acq On : 20 Oct 2010 11:06 am Operator: ninap
Sample : ic4329-5 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:20 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.55min 5.79ppb

response 280390

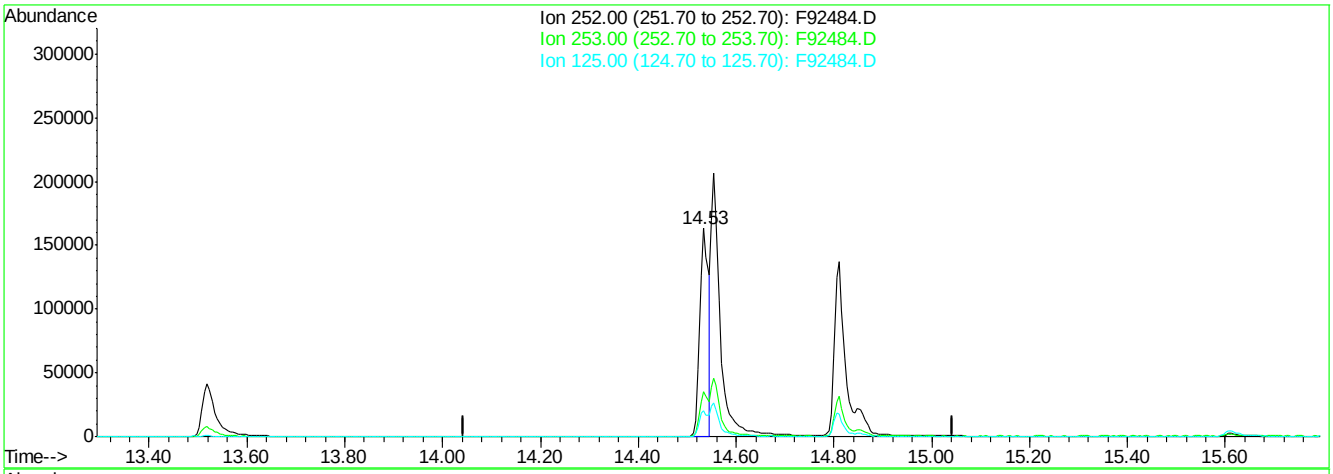
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.15
125.00	9.60	12.63
0.00	0.00	0.00

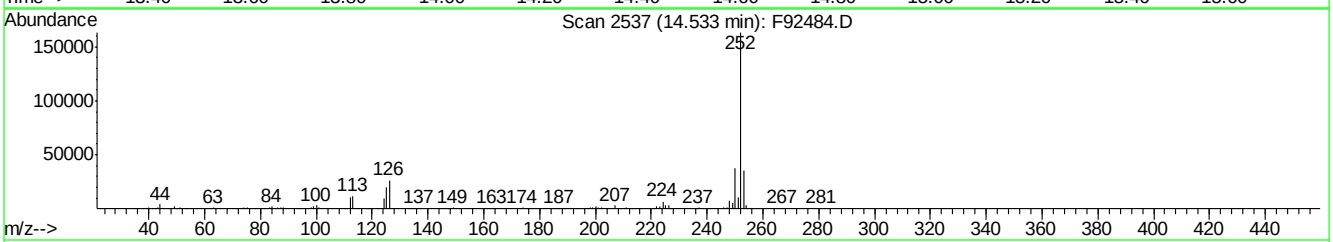
F92484.D MF4329.M Wed Oct 20 12:21:21 2010 GCMS3A

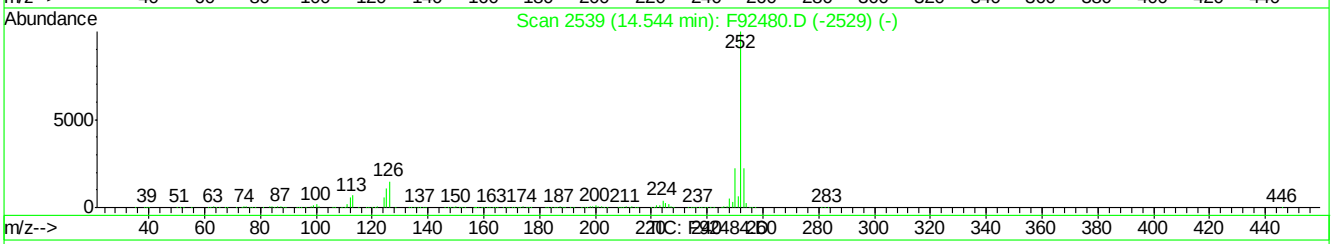
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92484.D Vial: 6
Acq On : 20 Oct 2010 11:06 am Operator: ninap
Sample : ic4329-5 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:21 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 13:18:14 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.53min 4.13ppb m

response 200172

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.58
125.00	9.60	12.28
0.00	0.00	0.00

F92484.D MF4329.M Wed Oct 20 13:18:56 2010 GCMS3A

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 10/22/10 16:12

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92485.D Vial: 7
Acq On : 20 Oct 2010 11:30 am Operator: ninap
Sample : ic4329-10 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:21:54 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	304956	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	1113682	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	704171	40.00	ppb	0.00
69) Phenanthrene-d10	9.94	188	1172544	40.00	ppb	0.00
83) Chrysene-d12	13.49	240	1328506	40.00	ppb	0.00
92) Perylene-d12	14.86	264	1106689	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	304956	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	704171	40.00	ppb	0.00
106) Phenanthrene-d10a	9.94	188	1172544	40.00	ppb	0.00
108) Chrysene-d12a	13.49	240	1328506	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.11	112	102420	10.10	ppb	0.00
Spiked Amount 50.000			Recovery = 20.20%			
8) Phenol-d5	3.01	99	135168	10.53	ppb	0.00
Spiked Amount 50.000			Recovery = 21.06%			
25) Nitrobenzene-d5	4.05	82	118281	10.84	ppb	0.00
Spiked Amount 50.000			Recovery = 21.68%			
51) 2-Fluorobiphenyl	6.69	172	268488	12.15	ppb	0.00
Spiked Amount 50.000			Recovery = 24.30%			
73) 2,4,6-Tribromophenol	8.91	330	31455	11.25	ppb	-0.01
Spiked Amount 50.000			Recovery = 22.50%			
85) Terphenyl-d14	12.35	244	277849	11.25	ppb	0.00
Spiked Amount 50.000			Recovery = 22.50%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	53917	10.92	ppb	94
3) Pyridine	1.29	79	120951	11.07	ppb	98
4) N-Nitrosodimethylamine	1.27	74	74188	10.98	ppb	97
6) Indene	3.67	116	156018	11.08	ppb	98
7) Cumene	2.54	105	218507	11.50	ppb	98
9) Phenol	3.03	94	143129	10.61	ppb	82
10) Aniline	3.02	93	164117	12.85	ppb	93
11) bis(2-Chloroethyl)ether	3.10	93	117066	11.90	ppb	97
12) 2-Chlorophenol	3.13	128	109779	11.27	ppb	97
13) Decane	3.21	43	122840	11.52	ppb	99
14) 1,3-Dichlorobenzene	3.29	146	128111	11.26	ppb	98
15) 1,4-Dichlorobenzene	3.35	146	126379	11.58	ppb	98
16) Benzyl alcohol	3.55	108	71773	11.09	ppb	96
17) 1,2-Dichlorobenzene	3.57	146	123955	12.70	ppb	98
18) Acetophenone	3.87	105	144411	10.90	ppb	97
19) 2-Methylphenol	3.73	108	93730	10.57	ppb	99
20) 2,2'-oxybis(1-Chloropropan	3.75	121	34006	11.68	ppb	97
21) 3&4-Methylphenol	3.92	108	104473	12.05	ppb	95
22) n-Nitroso-di-n-propylamine	3.92	70	76335	11.65	ppb	100
23) Hexachloroethane	3.95	201	45412	12.39	ppb	99
26) Nitrobenzene	4.08	123	55430	11.19	ppb	98
27) Quinoline	5.53	129	203688	10.63	ppb	98
28) Isophorone	4.40	82	213420	11.42	ppb	99
29) 2-Nitrophenol	4.51	139	53646	10.72	ppb	95

(#) = qualifier out of range (m) = manual integration
F92485.D MF4329.M Wed Oct 20 13:05:13 2010 GCMS3A Page 1

8.6.41
8

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92485.D Vial: 7
Acq On : 20 Oct 2010 11:30 am Operator: ninap
Sample : ic4329-10 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:21:54 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	2,4-Dimethylphenol	4.64	107	86032	9.19	ppb		96
31)	Benzoic acid	4.79	105	65954	9.72	ppb		98
32)	bis(2-Chloroethoxy)methane	4.77	93	134566	10.97	ppb		99
33)	2,4-Dichlorophenol	4.85	162	94755	10.41	ppb		97
34)	2,6-Dichlorophenol	5.18	162	96640	11.11	ppb		96
35)	1,3,5-Trichlorobenzene	4.52	180	112265	12.02	ppb		99
36)	1,2,4-Trichlorobenzene	4.95	180	110715	11.65	ppb		95
37)	1,2,3-Trichlorobenzene	5.30	180	106419	11.36	ppb		100
38)	Naphthalene	5.02	128	316578	11.39	ppb		99
39)	4-Chloroaniline	5.18	127	142785	12.61	ppb		99
40)	2,3-Dichloroaniline	6.55	161	114483	11.44	ppb		99
41)	Caprolactam	5.64	55	54623	9.70	ppb		97
42)	Hexachlorobutadiene	5.33	225	63424	11.86	ppb		99
43)	4-Chloro-3-methylphenol	5.97	107	90127	10.14	ppb		85
44)	2-Methylnaphthalene	6.05	142	236803	11.92	ppb		97
45)	1-Methylnaphthalene	6.21	142	218007	11.68	ppb		99
46)	Dimethylnaphthalene	7.02	156	197599	11.97	ppb		99
48)	Hexachlorocyclopentadiene	6.42	237	86477	18.51	ppb		100
49)	2,4,6-Trichlorophenol	6.56	196	70830	11.14	ppb		96
50)	2,4,5-Trichlorophenol	6.61	196	81431	11.24	ppb		99
52)	2-Chloronaphthalene	6.78	162	226693	12.07	ppb		98
53)	Biphenyl	6.80	154	273969	12.54	ppb		100
54)	2-Nitroaniline	7.04	65	62381	11.17	ppb		98
55)	Dimethylphthalate	7.43	163	248640	12.01	ppb		100
56)	Acenaphthylene	7.41	152	352149	11.59	ppb		99
57)	2,6-Dinitrotoluene	7.50	165	48957	10.32	ppb		99
58)	3-Nitroaniline	7.69	138	56588	11.30	ppb		96
59)	Acenaphthene	7.71	153	211856	12.15	ppb		99
60)	2,4-Dinitrophenol	7.85	184	31187	12.43	ppb		94
61)	4-Nitrophenol	8.06	109	22058	8.36	ppb		95
62)	Dibenzofuran	7.96	168	322022	12.08	ppb		97
63)	2,4-Dinitrotoluene	8.10	165	69149	10.68	ppb		96
64)	2,3,4,6-Tetrachlorophenol	8.26	232	66306	10.77	ppb	#	16
65)	Diethylphthalate	8.56	149	239366	12.61	ppb		99
66)	Fluorene	8.50	166	254713	11.83	ppb		100
67)	4-Chlorophenyl-phenylether	8.57	204	125789	12.42	ppb		97
68)	4-Nitroaniline	8.66	138	58844	10.40	ppb		99
70)	4,6-Dinitro-2-methylphenol	8.72	198	30975	8.05	ppb		97
71)	n-Nitrosodiphenylamine	8.77	169	177685	12.09	ppb		99
72)	1,2-Diphenylhydrazine	8.80	77	248745	12.37	ppb		99
74)	4-Bromophenyl-phenylether	9.31	248	76381	11.78	ppb		99
75)	Hexachlorobenzene	9.48	284	76966	12.04	ppb		98
76)	Pentachlorophenol	9.79	266	93910	22.59	ppb		99
77)	Phenanthrene	9.97	178	359034	12.00	ppb		99
78)	Anthracene	10.04	178	375602	13.08	ppb		100
79)	Carbazole	10.36	167	341305	11.69	ppb		99
80)	Di-n-butylphthalate	11.15	149	403474	11.40	ppb		99
81)	Fluoranthene	11.77	202	411120	11.80	ppb		99
82)	Octadecane	10.03	57	156166	12.34	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92485.D Vial: 7
Acq On : 20 Oct 2010 11:30 am Operator: ninap
Sample : ic4329-10 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:21:54 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

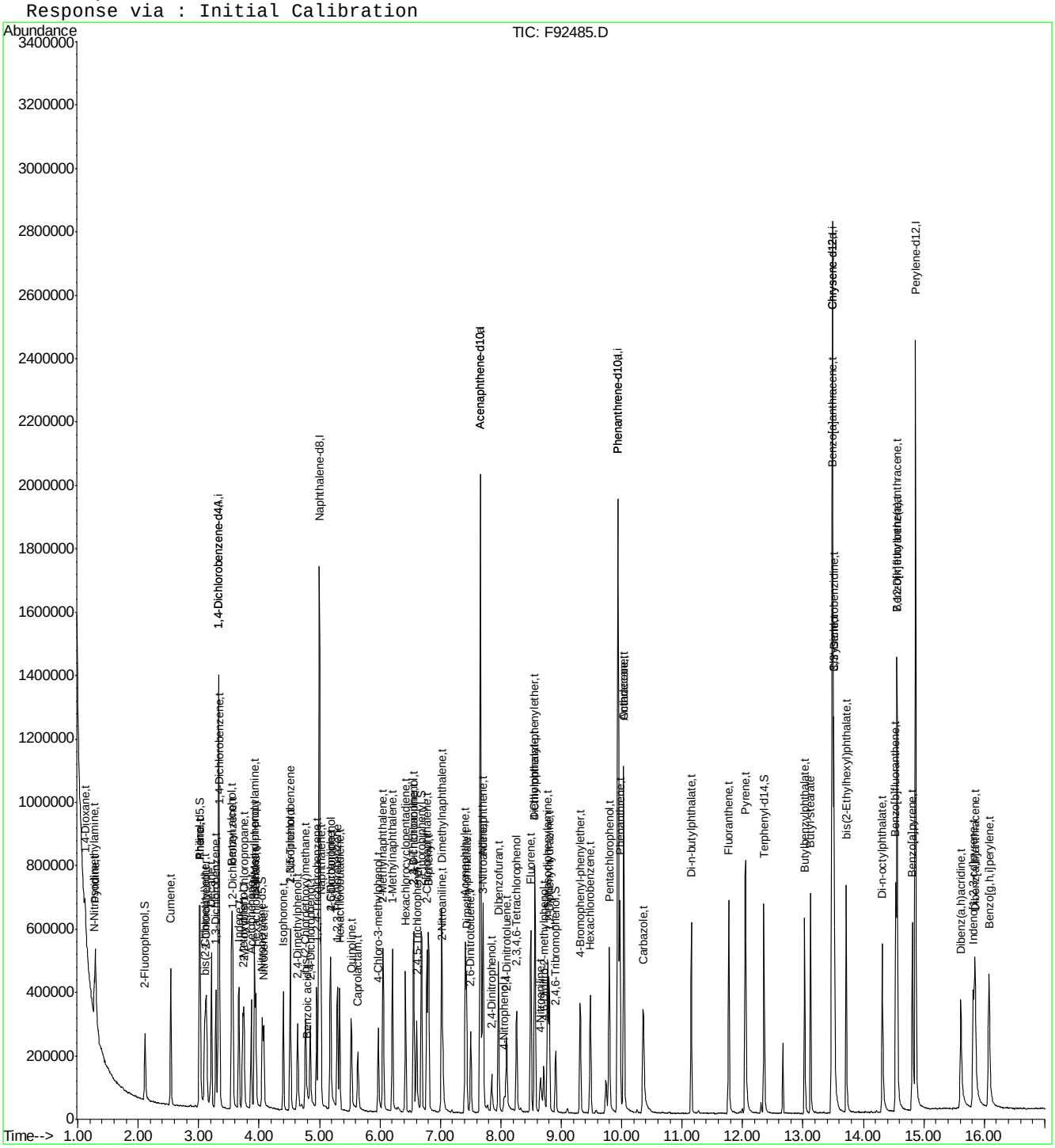
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84)	Pyrene	12.05	202	434413	11.36	ppb	99
86)	Butylbenzylphthalate	13.03	149	164995	10.09	ppb	99
87)	Butyl stearate	13.12	56	124384	11.94	ppb	99
88)	Benzo[a]anthracene	13.48	228	376699	10.50	ppb	99
89)	3,3'-Dichlorobenzidine	13.51	252	137072	11.09	ppb	97
90)	Chrysene	13.51	228	379075	12.22	ppb	99
91)	bis(2-Ethylhexyl)phthalate	13.72	149	237753	10.63	ppb	99
93)	Di-n-octylphthalate	14.31	149	379948	9.97	ppb	97
94)	Benzo[b]fluoranthene	14.53	252	333434m	8.69	ppb	
95)	Benzo[k]fluoranthene	14.55	252	426801m	15.64	ppb	
96)	Benzo[a]pyrene	14.81	252	366794	11.26	ppb	98
97)	Indeno[1,2,3-cd]pyrene	15.82	276	382336	10.99	ppb	98
98)	Dibenz(a,h)acridine	15.61	279	268286	10.03	ppb	99
99)	Dibenz[a,h]anthracene	15.85	278	314918	11.00	ppb	99
100)	7,12-Dimethylbenz(a)anthra	14.55	256	139978	10.78	ppb	98
101)	Benzo[g,h,i]perylene	16.08	276	328822	10.78	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92485.D Vial: 7
Acq On : 20 Oct 2010 11:30 am Operator: ninap
Sample : ic4329-10 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:23 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Initial Calibration



Manual Integration Approval Summary

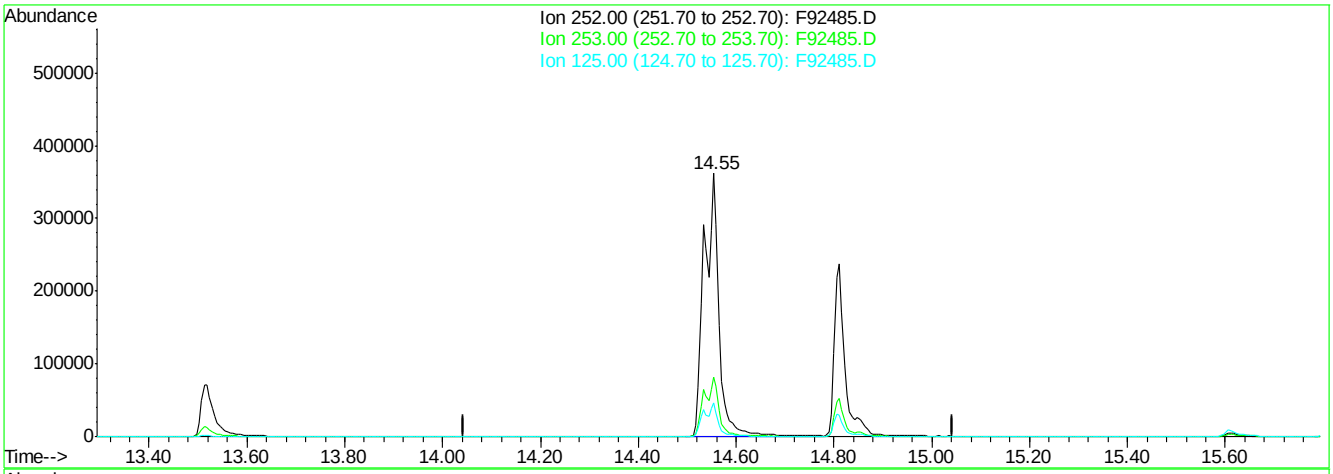
Sample Number: EF4329-IC4329
Lab FileID: F92485.D
Injection Time: 10/20/10 11:30
Method: SW846 8270C
Analyst approved: 10/20/10 13:04 Nina Pandya
Supervisor approved: 10/22/10 16:12 Kristi Schollenberger

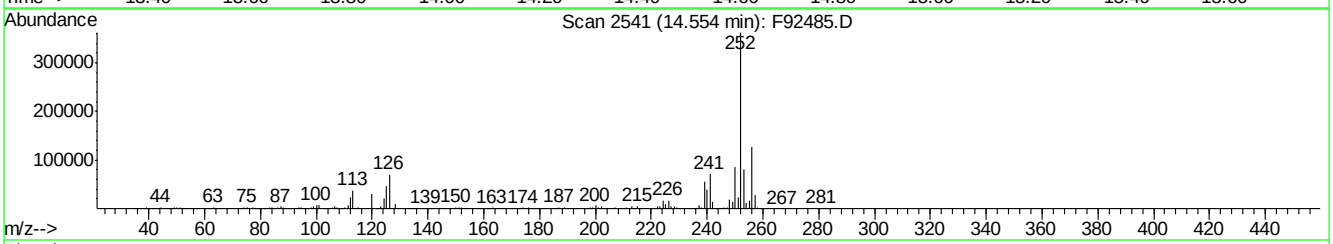
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.53	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.55	Overlapping peak

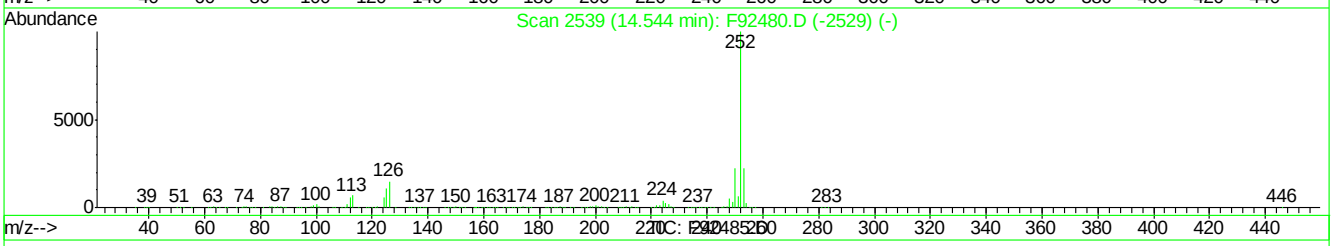
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92485.D Vial: 7
Acq On : 20 Oct 2010 11:30 am Operator: ninap
Sample : ic4329-10 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:21 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.55min 20.40ppb

response 782608

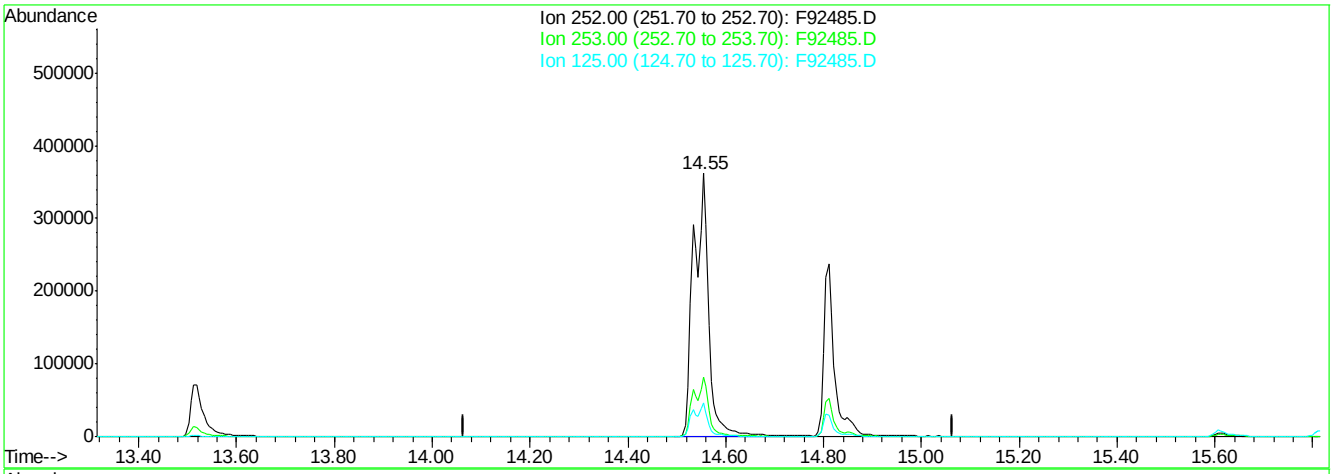
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.58
125.00	9.60	12.87
0.00	0.00	0.00

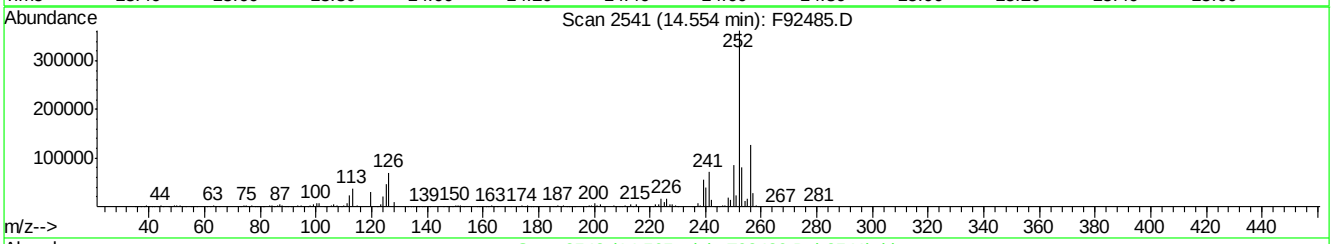
F92485.D MF4329.M Wed Oct 20 12:22:44 2010 GCMS3A

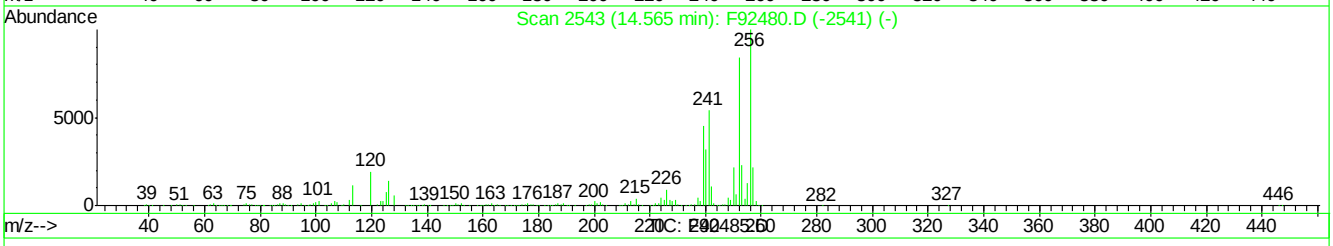
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92485.D Vial: 7
Acq On : 20 Oct 2010 11:30 am Operator: ninap
Sample : ic4329-10 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:22 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.55min 28.67ppb

response 782608

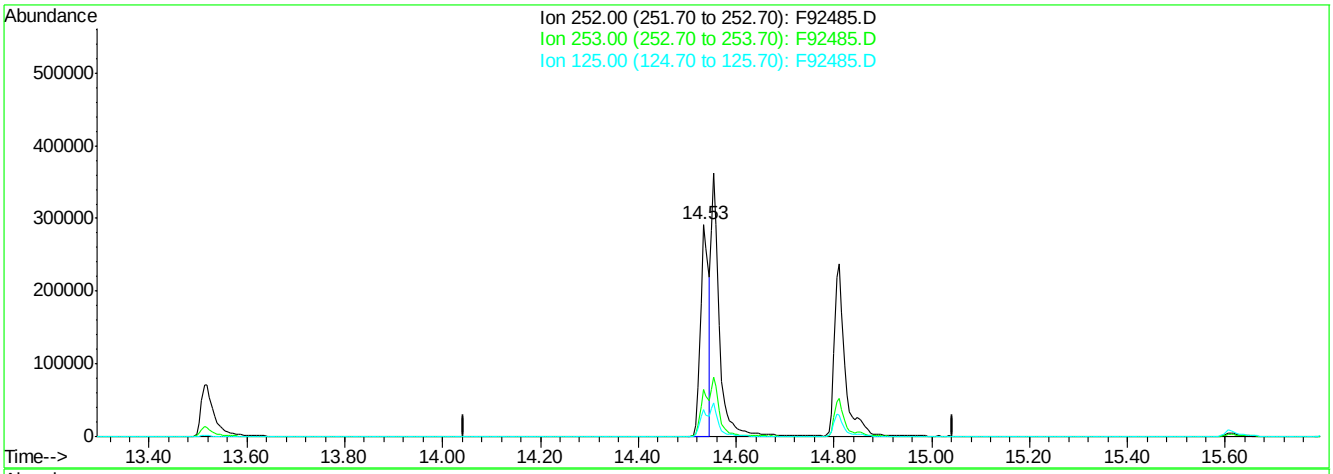
Ion	Exp%	Act%
252.00	100	100
253.00	25.20	22.58
125.00	11.30	12.87
0.00	0.00	0.00

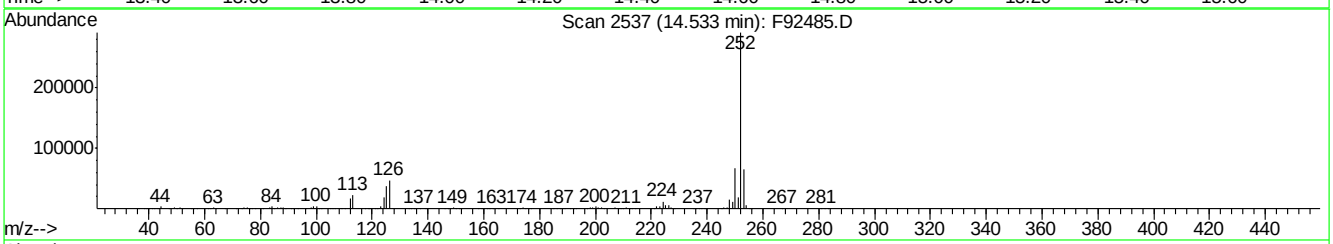
F92485.D MF4329.M Wed Oct 20 12:22:58 2010 GCMS3A

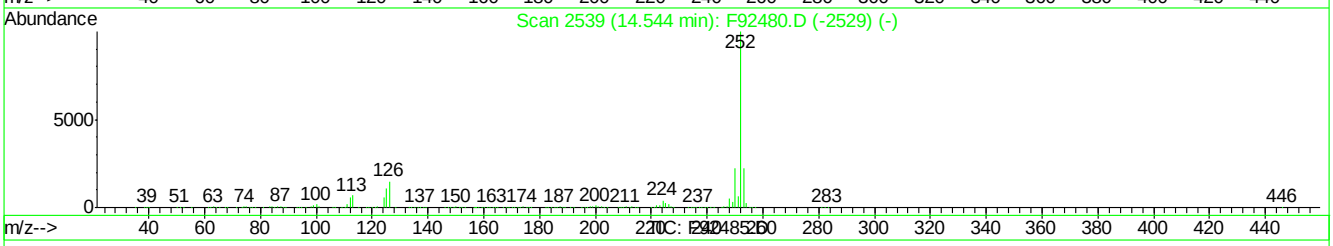
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92485.D Vial: 7
Acq On : 20 Oct 2010 11:30 am Operator: ninap
Sample : ic4329-10 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:23 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 13:18:14 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.53min 8.69ppb m

response 333434

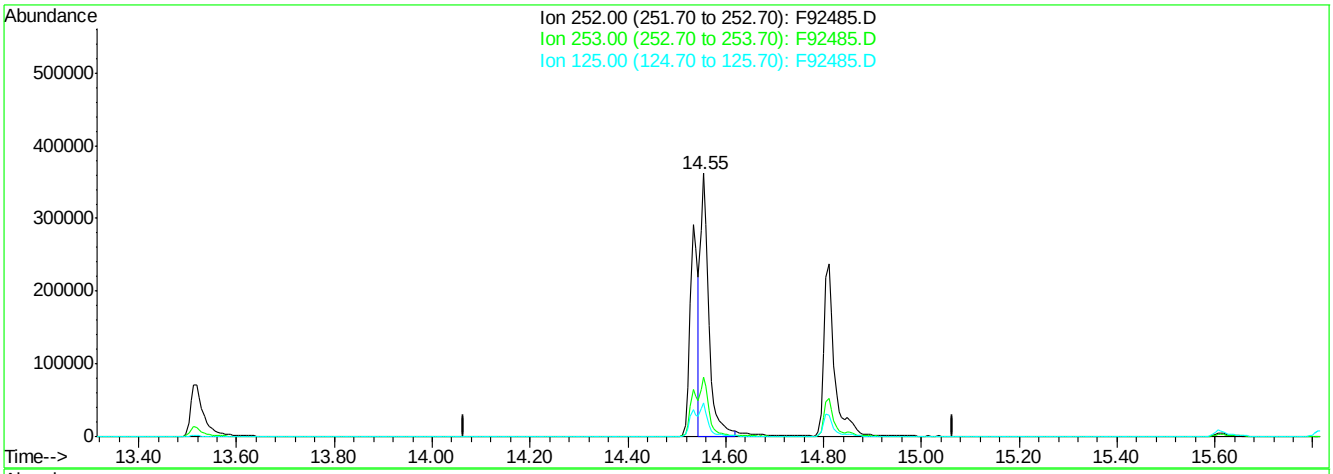
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.26
125.00	9.60	12.77
0.00	0.00	0.00

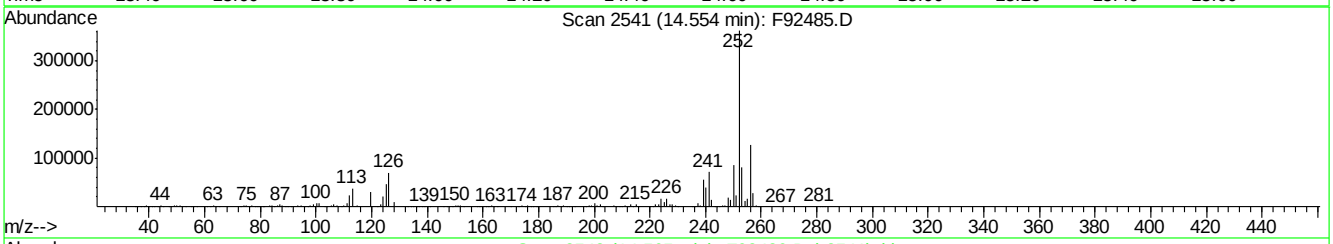
F92485.D MF4329.M Wed Oct 20 13:19:12 2010 GCMS3A

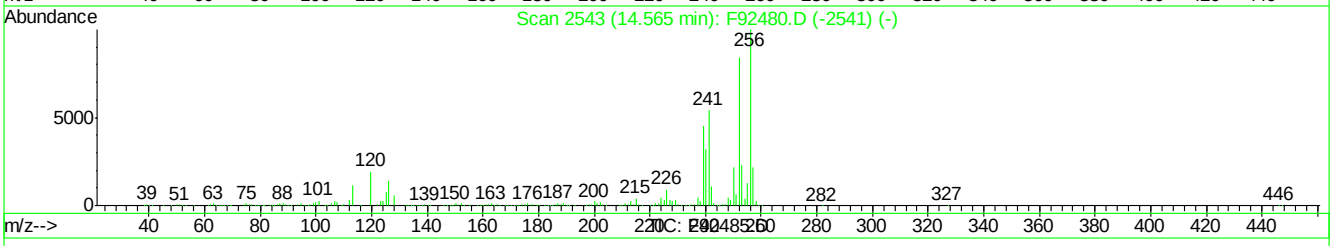
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92485.D Vial: 7
Acq On : 20 Oct 2010 11:30 am Operator: ninap
Sample : ic4329-10 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:23 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 13:18:14 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.55min 15.64ppb m

response 426801

Ion	Exp%	Act%
252.00	100	100
253.00	25.20	22.65
125.00	11.30	12.86
0.00	0.00	0.00

F92485.D MF4329.M Wed Oct 20 13:19:16 2010 GCMS3A

F92486.D

Manual Integrations APPROVED (compounds with "m" flag)

Kristi Schollenberger 10/22/10 16:12

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92486.D Vial: 8
Acq On : 20 Oct 2010 11:54 am Operator: ninap
Sample : ic4329-25 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:23:23 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	251435	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	904825	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	564025	40.00	ppb	0.00
69) Phenanthrene-d10	9.94	188	958650	40.00	ppb	0.00
83) Chrysene-d12	13.49	240	1080816	40.00	ppb	0.00
92) Perylene-d12	14.86	264	887149	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	251435	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	564025	40.00	ppb	0.00
106) Phenanthrene-d10a	9.94	188	958650	40.00	ppb	0.00
108) Chrysene-d12a	13.49	240	1080816	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.11	112	195979	23.44	ppb	0.00
Spiked Amount 50.000			Recovery = 46.88%			
8) Phenol-d5	3.02	99	261662	24.72	ppb	0.00
Spiked Amount 50.000			Recovery = 49.44%			
25) Nitrobenzene-d5	4.06	82	221920	25.04	ppb	0.00
Spiked Amount 50.000			Recovery = 50.08%			
51) 2-Fluorobiphenyl	6.69	172	478937	27.07	ppb	0.00
Spiked Amount 50.000			Recovery = 54.14%			
73) 2,4,6-Tribromophenol	8.91	330	59388	25.98	ppb	0.00
Spiked Amount 50.000			Recovery = 51.96%			
85) Terphenyl-d14	12.35	244	504981	25.12	ppb	0.00
Spiked Amount 50.000			Recovery = 50.24%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	89992	22.10	ppb	94
3) Pyridine	1.28	79	218578	24.27	ppb	97
4) N-Nitrosodimethylamine	1.27	74	135103	24.25	ppb	98
6) Indene	3.67	116	293673	25.30	ppb	99
7) Cumene	2.54	105	395997	25.27	ppb	100
9) Phenol	3.03	94	280669	25.24	ppb	88
10) Aniline	3.02	93	286754	27.23	ppb	92
11) bis(2-Chloroethyl)ether	3.10	93	208423	25.70	ppb	99
12) 2-Chlorophenol	3.13	128	205376	25.56	ppb	99
13) Decane	3.21	43	229487	26.09	ppb	99
14) 1,3-Dichlorobenzene	3.29	146	240887	25.69	ppb	99
15) 1,4-Dichlorobenzene	3.35	146	234966	26.12	ppb	99
16) Benzyl alcohol	3.55	108	137306	25.72	ppb	99
17) 1,2-Dichlorobenzene	3.57	146	219408	27.26	ppb	99
18) Acetophenone	3.87	105	274773	25.15	ppb	97
19) 2-Methylphenol	3.73	108	181057	24.76	ppb	98
20) 2,2'-oxybis(1-Chloropropan	3.75	121	62860	26.19	ppb	99
21) 3&4-Methylphenol	3.92	108	192252	26.90	ppb	98
22) n-Nitroso-di-n-propylamine	3.93	70	140752	26.06	ppb	99
23) Hexachloroethane	3.95	201	81793	27.07	ppb	98
26) Nitrobenzene	4.08	123	103346	25.68	ppb	99
27) Quinoline	5.53	129	381517	24.51	ppb	99
28) Isophorone	4.40	82	388616	25.60	ppb	99
29) 2-Nitrophenol	4.52	139	106513	26.19	ppb	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92486.D Vial: 8
Acq On : 20 Oct 2010 11:54 am Operator: ninap
Sample : ic4329-25 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:23:23 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	2,4-Dimethylphenol	4.64	107	175357	23.05	ppb		92
31)	Benzoic acid	4.83	105	140083m	25.40	ppb		
32)	bis(2-Chloroethoxy)methane	4.77	93	249519	25.04	ppb		98
33)	2,4-Dichlorophenol	4.85	162	185564	25.09	ppb		98
34)	2,6-Dichlorophenol	5.18	162	180511	25.55	ppb		98
35)	1,3,5-Trichlorobenzene	4.52	180	202483	26.69	ppb		100
36)	1,2,4-Trichlorobenzene	4.95	180	204336	26.47	ppb		100
37)	1,2,3-Trichlorobenzene	5.30	180	196323	25.80	ppb		99
38)	Naphthalene	5.02	128	584363	25.87	ppb		99
39)	4-Chloroaniline	5.18	127	253771	27.58	ppb		99
40)	2,3-Dichloroaniline	6.56	161	213203	26.21	ppb		99
41)	Caprolactam	5.65	55	105591	23.09	ppb		97
42)	Hexachlorobutadiene	5.33	225	115380	26.56	ppb		96
43)	4-Chloro-3-methylphenol	5.98	107	176739	24.47	ppb		95
44)	2-Methylnaphthalene	6.05	142	428958	26.57	ppb		99
45)	1-Methylnaphthalene	6.21	142	389045	25.66	ppb		99
46)	Dimethylnaphthalene	7.02	156	352423	26.29	ppb		100
48)	Hexachlorocyclopentadiene	6.42	237	173332	46.31	ppb		98
49)	2,4,6-Trichlorophenol	6.56	196	133619	26.23	ppb		99
50)	2,4,5-Trichlorophenol	6.62	196	150113	25.87	ppb		99
52)	2-Chloronaphthalene	6.78	162	408344	27.15	ppb		99
53)	Biphenyl	6.80	154	487265	27.85	ppb		98
54)	2-Nitroaniline	7.04	65	115267	25.76	ppb		98
55)	Dimethylphthalate	7.44	163	443423	26.73	ppb		100
56)	Acenaphthylene	7.41	152	645738	26.54	ppb		100
57)	2,6-Dinitrotoluene	7.51	165	93403	24.59	ppb		96
58)	3-Nitroaniline	7.69	138	106715	26.61	ppb		98
59)	Acenaphthene	7.71	153	381901	27.34	ppb		99
60)	2,4-Dinitrophenol	7.86	184	76351	37.99	ppb		97
61)	4-Nitrophenol	8.05	109	47116	22.29	ppb		94
62)	Dibenzofuran	7.96	168	579022	27.12	ppb		98
63)	2,4-Dinitrotoluene	8.10	165	135289	26.10	ppb		88
64)	2,3,4,6-Tetrachlorophenol	8.26	232	126793	25.71	ppb	#	18
65)	Diethylphthalate	8.57	149	419108	27.56	ppb		100
66)	Fluorene	8.50	166	462601	26.83	ppb		99
67)	4-Chlorophenyl-phenylether	8.57	204	224840	27.71	ppb		98
68)	4-Nitroaniline	8.66	138	115574	25.50	ppb		98
70)	4,6-Dinitro-2-methylphenol	8.72	198	68728	21.85	ppb	#	99
71)	n-Nitrosodiphenylamine	8.78	169	322752	26.85	ppb		99
72)	1,2-Diphenylhydrazine	8.81	77	442708	26.93	ppb		99
74)	4-Bromophenyl-phenylether	9.31	248	141364	26.67	ppb		100
75)	Hexachlorobenzene	9.48	284	142473	27.25	ppb		99
76)	Pentachlorophenol	9.80	266	184870	54.38	ppb		99
77)	Phenanthrene	9.98	178	641409	26.22	ppb		100
78)	Anthracene	10.04	178	677853	28.88	ppb		99
79)	Carbazole	10.36	167	628183	26.31	ppb		99
80)	Di-n-butylphthalate	11.15	149	740953	25.60	ppb		100
81)	Fluoranthene	11.77	202	747413	26.23	ppb		100
82)	Octadecane	10.03	57	285090	27.55	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92486.D Vial: 8
Acq On : 20 Oct 2010 11:54 am Operator: ninap
Sample : ic4329-25 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:23:23 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

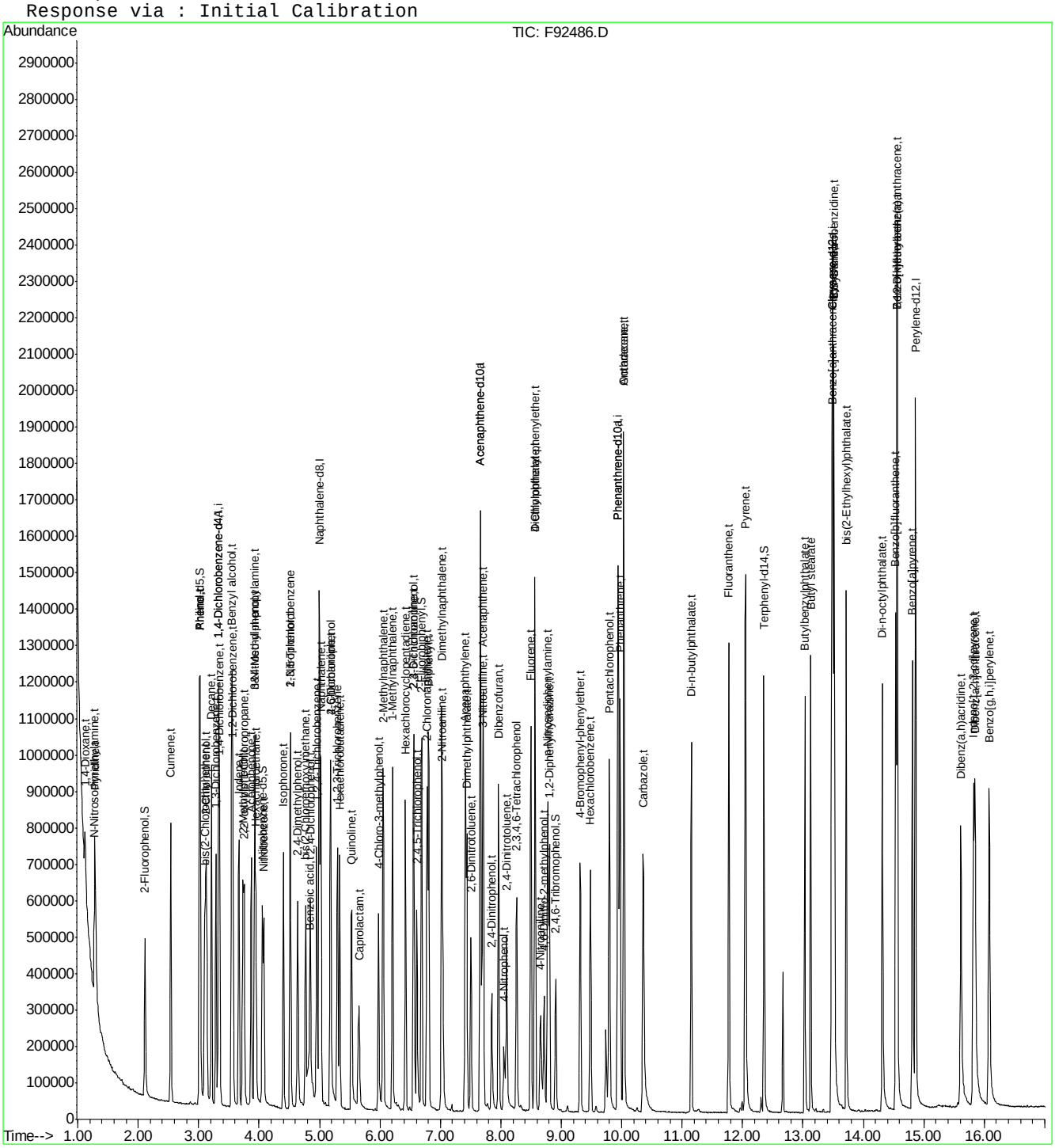
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84)	Pyrene	12.05	202	794231	25.53	ppb	99
86)	Butylbenzylphthalate	13.03	149	321192	24.14	ppb	95
87)	Butyl stearate	13.12	56	223527	26.38	ppb	100
88)	Benzo[a]anthracene	13.48	228	704505	24.14	ppb	99
89)	3,3'-Dichlorobenzidine	13.51	252	257630	25.63	ppb	97
90)	Chrysene	13.52	228	681500	27.01	ppb	100
91)	bis(2-Ethylhexyl)phthalate	13.72	149	447250	24.59	ppb	99
93)	Di-n-octylphthalate	14.31	149	749834	24.54	ppb	98
94)	Benzo[b]fluoranthene	14.53	252	630930	20.52	ppb	98
95)	Benzo[k]fluoranthene	14.55	252	776589	35.49	ppb	97
96)	Benzo[a]pyrene	14.81	252	671459	25.72	ppb	99
97)	Indeno[1,2,3-cd]pyrene	15.82	276	715445	25.66	ppb	98
98)	Dibenz(a,h)acridine	15.61	279	514575	23.99	ppb	99
99)	Dibenz[a,h]anthracene	15.85	278	578845	25.23	ppb	99
100)	7,12-Dimethylbenz(a)anthra	14.56	256	275873	26.52	ppb	97
101)	Benzo[g,h,i]perylene	16.08	276	621230	25.40	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92486.D Vial: 8
Acq On : 20 Oct 2010 11:54 am Operator: ninap
Sample : ic4329-25 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:24 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integration Approval Summary

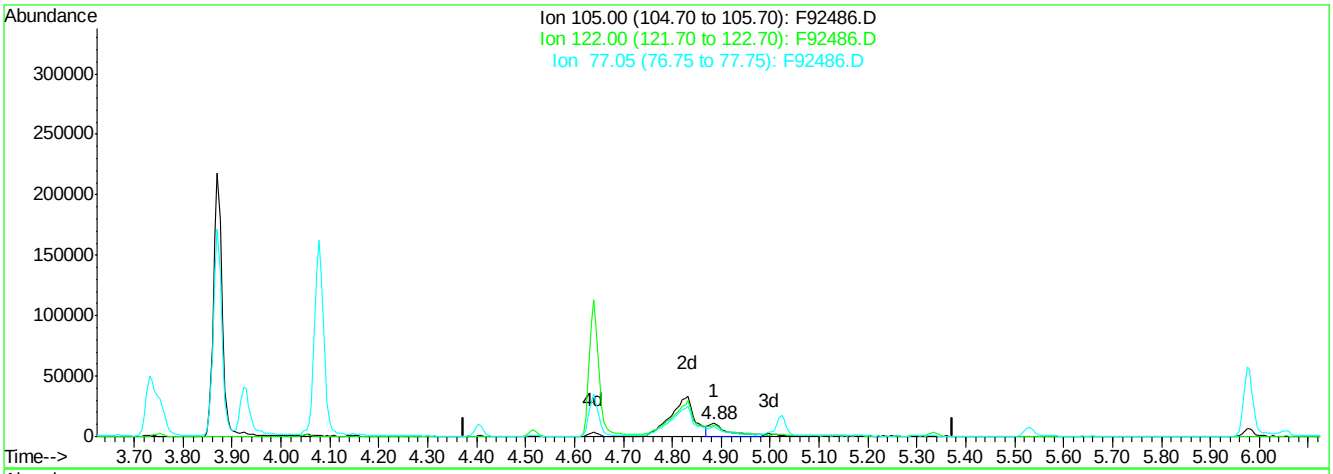
Sample Number:	EF4329-IC4329	**Method:**	SW846 8270C
Lab FileID:	F92486.D	**Analyst approved:**	10/20/10 13:04 Nina Pandya
Injection Time:	10/20/10 11:54	**Supervisor approved:**	10/22/10 16:12 Kristi Schollenberger

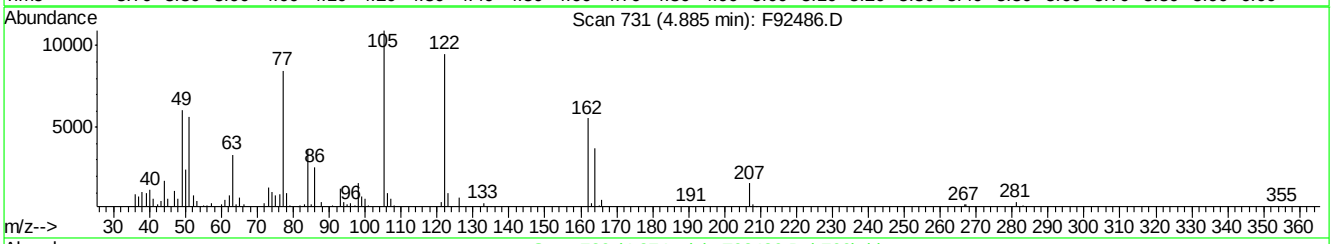
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzoic acid	65-85-0		4.83	Poorly defined baseline

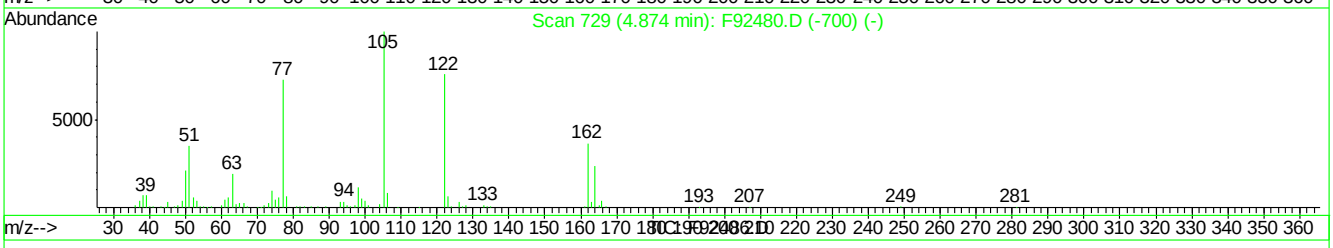
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92486.D Vial: 8
Acq On : 20 Oct 2010 11:54 am Operator: ninap
Sample : ic4329-25 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:23 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:20:17 2010
Response via : Multiple Level Calibration







(31) Benzoic acid (t)

4.88min 5.10ppb

response 28135

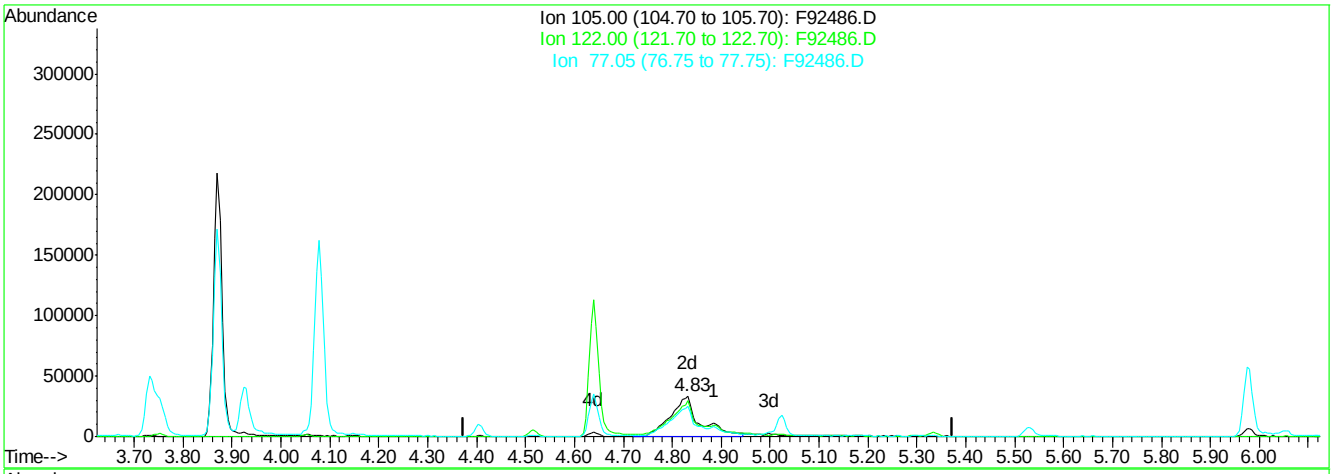
Ion	Exp%	Act%
105.00	100	100
122.00	76.10	76.16
77.05	74.10	64.66
0.00	0.00	0.00

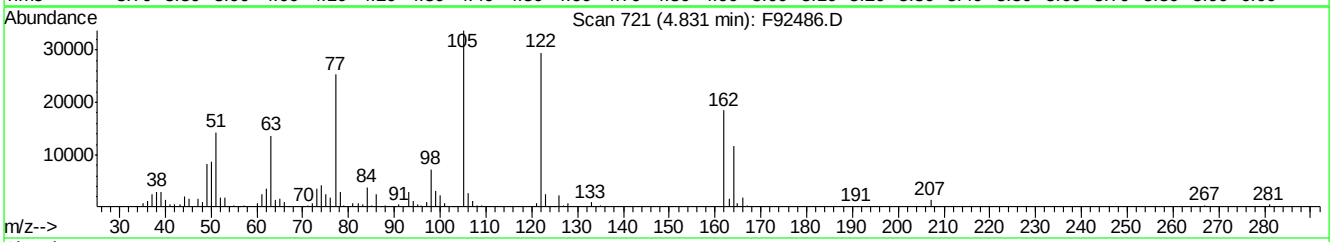
F92486.D MF4329.M Wed Oct 20 12:23:46 2010 GCMS3A

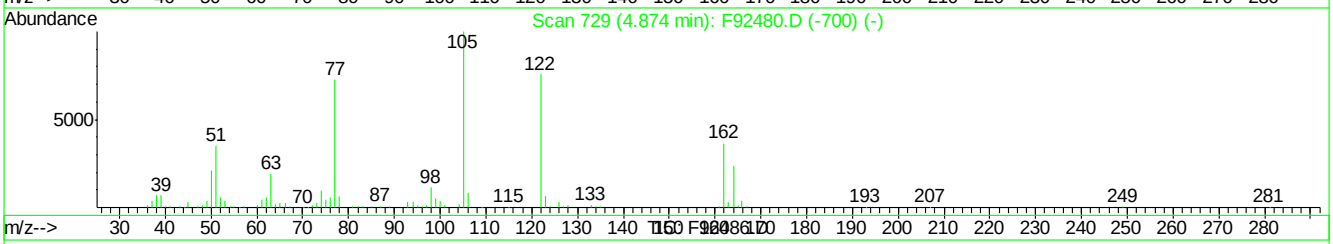
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92486.D Vial: 8
Acq On : 20 Oct 2010 11:54 am Operator: ninap
Sample : ic4329-25 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:24 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 13:18:14 2010
Response via : Multiple Level Calibration







(31) Benzoic acid (t)

4.83min 25.40ppb m

response 140083

Ion	Exp%	Act%
105.00	100	100
122.00	76.10	87.62
77.05	74.10	75.22
0.00	0.00	0.00

F92486.D MF4329.M Wed Oct 20 13:19:29 2010 GCMS3A

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 10/22/10 16:12

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92487.D Vial: 9
Acq On : 20 Oct 2010 12:18 pm Operator: ninap
Sample : ic4329-80 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:37:28 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:37:25 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.34	152	276559	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	996810	40.00	ppb	0.00
47) Acenaphthene-d10	7.67	164	648036	40.00	ppb	0.00
69) Phenanthrene-d10	9.95	188	1093925	40.00	ppb	0.00
83) Chrysene-d12	13.50	240	1123576	40.00	ppb	0.00
92) Perylene-d12	14.87	264	1010455	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.34	152	276559	40.00	ppb	0.00
104) Acenaphthene-d10a	7.67	164	648036	40.00	ppb	0.00
106) Phenanthrene-d10a	9.95	188	1093925	40.00	ppb	0.00
108) Chrysene-d12a	13.50	240	1123576	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.12	112	744782	82.98	ppb	0.00
Spiked Amount 50.000			Recovery = 165.96%			
8) Phenol-d5	3.03	99	916266	84.30	ppb	0.01
Spiked Amount 50.000			Recovery = 168.60%			
25) Nitrobenzene-d5	4.07	82	792146	80.51	ppb	0.01
Spiked Amount 50.000			Recovery = 161.02%			
51) 2-Fluorobiphenyl	6.70	172	1612886	68.39	ppb	0.00
Spiked Amount 50.000			Recovery = 136.78%			
73) 2,4,6-Tribromophenol	8.92	330	223583	85.58	ppb	0.00
Spiked Amount 50.000			Recovery = 171.16%			
85) Terphenyl-d14	12.36	244	1754830	76.48	ppb	0.00
Spiked Amount 50.000			Recovery = 152.96%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	333604	72.10	ppb	91
3) Pyridine	1.28	79	823318	75.50	ppb	95
4) N-Nitrosodimethylamine	1.27	74	497580	75.68	ppb	99
6) Indene	3.67	116	1027594	75.60	ppb	97
7) Cumene	2.54	105	1364369	73.10	ppb	100
9) Phenol	3.04	94	968744	81.98	ppb	91
10) Aniline	3.02	93	891223	67.14	ppb	87
11) bis(2-Chloroethyl)ether	3.11	93	699715	70.45	ppb	98
12) 2-Chlorophenol	3.14	128	701065	78.77	ppb	97
13) Decane	3.21	43	759393	70.24	ppb	99
14) 1,3-Dichlorobenzene	3.29	146	816354	72.69	ppb	97
15) 1,4-Dichlorobenzene	3.35	146	796619	73.38	ppb	99
16) Benzyl alcohol	3.56	108	457085	81.87	ppb	98
17) 1,2-Dichlorobenzene	3.58	146	707426	67.90	ppb	99
18) Acetophenone	3.88	105	956318	81.59	ppb	98
19) 2-Methylphenol	3.74	108	650224	88.70	ppb	99
20) 2,2'-oxybis(1-Chloropropan	3.76	121	213280	73.52	ppb	97
21) 3&4-Methylphenol	3.94	108	630932	84.01	ppb	97
22) n-Nitroso-di-n-propylamine	3.94	70	455858	70.96	ppb	96
23) Hexachloroethane	3.95	201	262244	67.35	ppb	97
26) Nitrobenzene	4.09	123	355925	78.15	ppb	97
27) Quinoline	5.56	129	1405267	82.35	ppb	99
28) Isophorone	4.42	82	1348667	72.71	ppb	98
29) 2-Nitrophenol	4.52	139	370120	86.17	ppb	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92487.D Vial: 9
Acq On : 20 Oct 2010 12:18 pm Operator: ninap
Sample : ic4329-80 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:37:28 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:37:25 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	2,4-Dimethylphenol	4.65	107	697497	90.69	ppb		97
31)	Benzoic acid	4.94	105	576119	101.05	ppb		96
32)	bis(2-Chloroethoxy)methane	4.78	93	889799	80.55	ppb		98
33)	2,4-Dichlorophenol	4.86	162	673440	86.82	ppb		98
34)	2,6-Dichlorophenol	5.19	162	644035	84.19	ppb		99
35)	1,3,5-Trichlorobenzene	4.53	180	682348	71.90	ppb		100
36)	1,2,4-Trichlorobenzene	4.96	180	694659	73.00	ppb		99
37)	1,2,3-Trichlorobenzene	5.31	180	682934	73.41	ppb		99
38)	Naphthalene	5.03	128	1987912	71.93	ppb		99
39)	4-Chloroaniline	5.19	127	810357	72.41	ppb		100
40)	2,3-Dichloroaniline	6.56	161	715847	72.66	ppb		100
41)	Caprolactam	5.73	55	418374	83.03	ppb		99
42)	Hexachlorobutadiene	5.34	225	396098	71.54	ppb		97
43)	4-Chloro-3-methylphenol	6.00	107	656399	87.80	ppb		89
44)	2-Methylnaphthalene	6.06	142	1442623	72.83	ppb		98
45)	1-Methylnaphthalene	6.22	142	1348970	72.58	ppb		98
46)	Dimethylnaphthalene	7.03	156	1204292	71.77	ppb		99
48)	Hexachlorocyclopentadiene	6.43	237	686470	176.61	ppb		99
49)	2,4,6-Trichlorophenol	6.57	196	469176	76.33	ppb		100
50)	2,4,5-Trichlorophenol	6.63	196	543171	77.25	ppb		99
52)	2-Chloronaphthalene	6.79	162	1364568	68.07	ppb		96
53)	Biphenyl	6.81	154	1592180	66.54	ppb		100
54)	2-Nitroaniline	7.05	65	409590	78.13	ppb		99
55)	Dimethylphthalate	7.45	163	1520381	68.22	ppb		99
56)	Acenaphthylene	7.42	152	2206939	70.65	ppb		100
57)	2,6-Dinitrotoluene	7.52	165	361604	85.70	ppb		95
58)	3-Nitroaniline	7.71	138	364477	76.82	ppb		99
59)	Acenaphthene	7.72	153	1253044	65.37	ppb		95
60)	2,4-Dinitrophenol	7.87	184	416393	213.32	ppb		99
61)	4-Nitrophenol	8.08	109	203214	93.39	ppb		99
62)	Dibenzofuran	7.98	168	1977660	68.64	ppb		97
63)	2,4-Dinitrotoluene	8.12	165	493319	86.58	ppb		99
64)	2,3,4,6-Tetrachlorophenol	8.27	232	462028	81.22	ppb	#	18
65)	Diethylphthalate	8.58	149	1384214	65.54	ppb		98
66)	Fluorene	8.51	166	1590671	69.65	ppb		96
67)	4-Chlorophenyl-phenylether	8.58	204	740698	66.59	ppb		98
68)	4-Nitroaniline	8.70	138	425359	79.85	ppb		99
70)	4,6-Dinitro-2-methylphenol	8.75	198	314515	101.95	ppb	#	100
71)	n-Nitrosodiphenylamine	8.80	169	1089557	70.15	ppb		99
72)	1,2-Diphenylhydrazine	8.82	77	1476682	67.38	ppb		98
74)	4-Bromophenyl-phenylether	9.32	248	492224	72.91	ppb		97
75)	Hexachlorobenzene	9.50	284	490937	69.74	ppb		98
76)	Pentachlorophenol	9.81	266	654942	160.03	ppb		99
77)	Phenanthrene	9.99	178	2253819	68.75	ppb		100
78)	Anthracene	10.06	178	2124165	61.64	ppb		99
79)	Carbazole	10.37	167	2176633	71.62	ppb		99
80)	Di-n-butylphthalate	11.16	149	2585649	73.13	ppb		100
81)	Fluoranthene	11.78	202	2610295	70.29	ppb		98
82)	Octadecane	10.04	57	907679	67.78	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92487.D Vial: 9
Acq On : 20 Oct 2010 12:18 pm Operator: ninap
Sample : ic4329-80 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:37:28 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:37:25 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

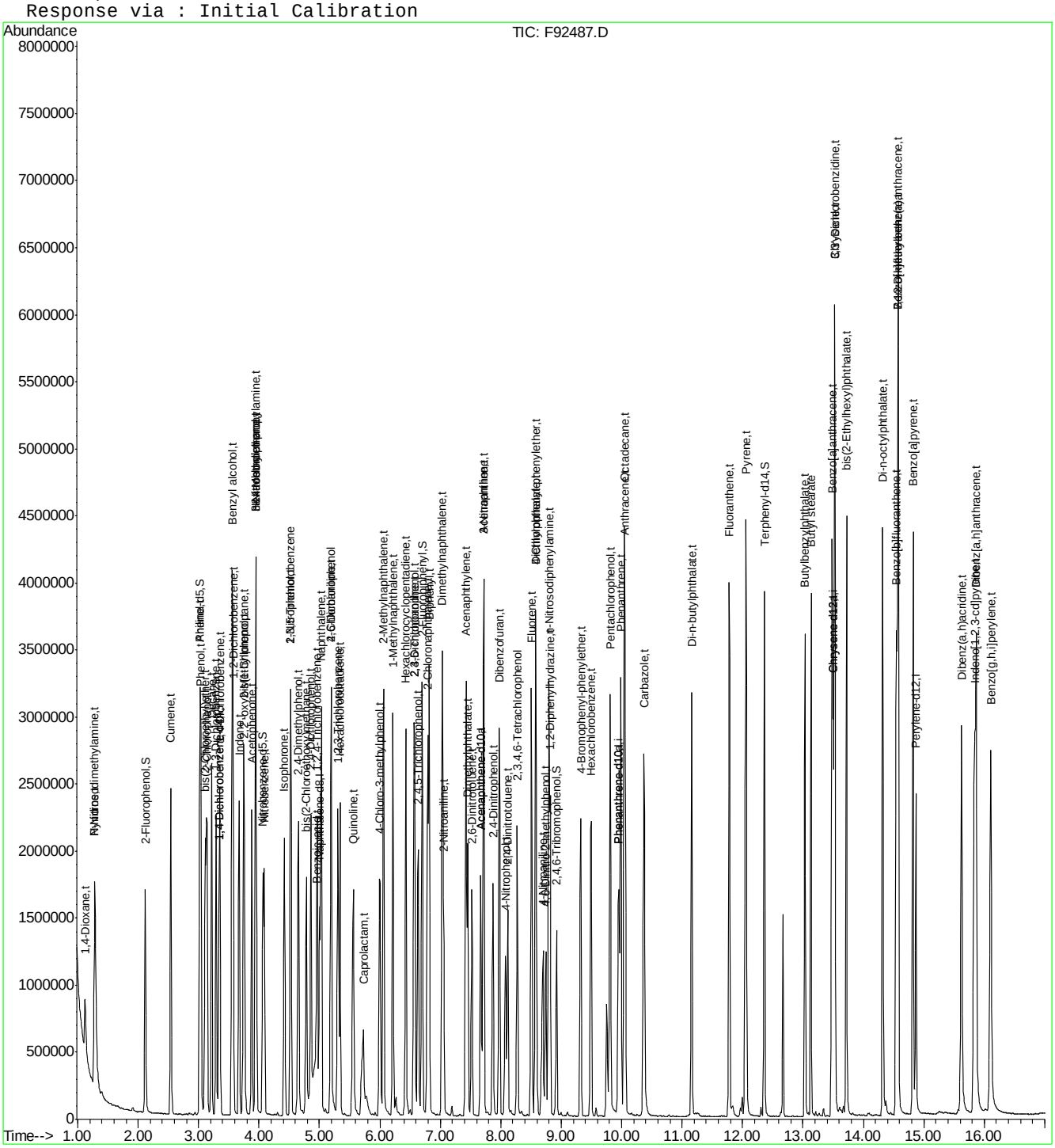
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84)	Pyrene	12.06	202	2633523	72.90	ppb	99
86)	Butylbenzylphthalate	13.03	149	1129012	82.00	ppb	99
87)	Butyl stearate	13.13	56	699906	59.68	ppb	97
88)	Benzo[a]anthracene	13.48	228	2503442	77.61	ppb	98
89)	3,3'-Dichlorobenzidine	13.52	252	859992	77.83	ppb	99
90)	Chrysene	13.53	228	2119119	65.75	ppb	99
91)	bis(2-Ethylhexyl)phthalate	13.72	149	1557583	81.59	ppb	98
93)	Di-n-octylphthalate	14.32	149	2710455	84.07	ppb	98
94)	Benzo[b]fluoranthene	14.55	252	2615914m	87.33	ppb	
95)	Benzo[k]fluoranthene	14.57	252	2168523m	59.63	ppb	
96)	Benzo[a]pyrene	14.82	252	2398707	79.87	ppb	99
97)	Indeno[1,2,3-cd]pyrene	15.84	276	2622088	80.40	ppb	97
98)	Dibenz(a,h)acridine	15.62	279	2004489	87.12	ppb	99
99)	Dibenz[a,h]anthracene	15.86	278	2123633	80.19	ppb	98
100)	7,12-Dimethylbenz(a)anthra	14.58	256	940968	75.95	ppb	98
101)	Benzo[g,h,i]perylene	16.11	276	2281944	79.03	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92487.D Vial: 9
Acq On : 20 Oct 2010 12:18 pm Operator: ninap
Sample : ic4329-80 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:38 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:50:15 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integration Approval Summary

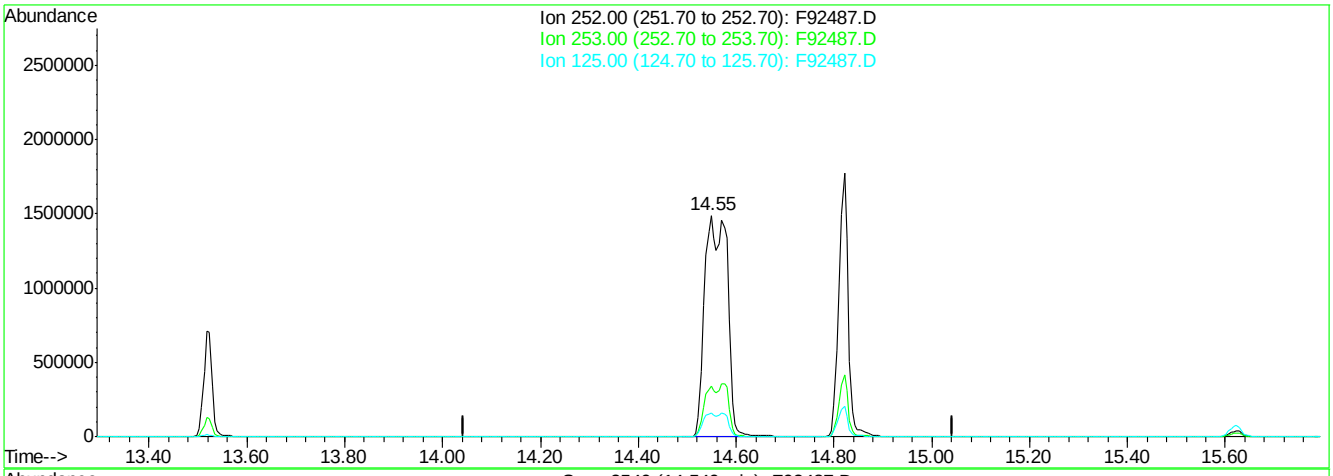
Sample Number:	EF4329-IC4329	**Method:**	SW846 8270C
Lab FileID:	F92487.D	**Analyst approved:**	10/20/10 13:04 Nina Pandya
Injection Time:	10/20/10 12:18	**Supervisor approved:**	10/22/10 16:12 Kristi Schollenberger

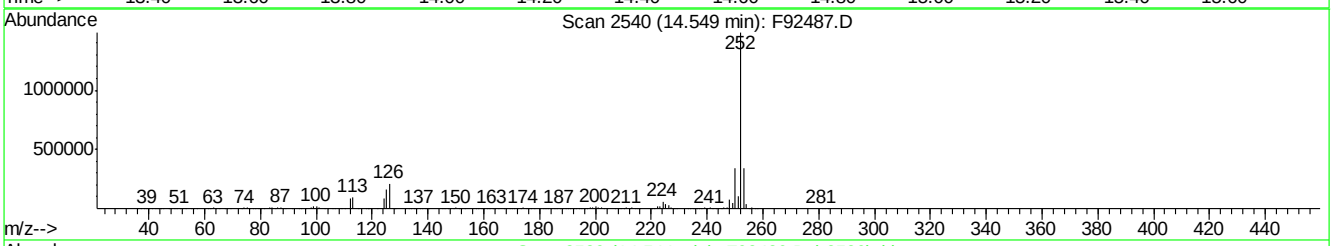
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.55	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.57	Overlapping peak

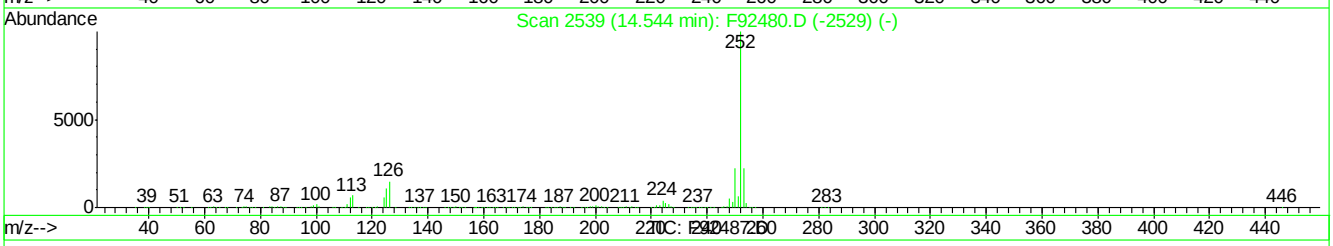
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92487.D Vial: 9
Acq On : 20 Oct 2010 12:18 pm Operator: ninap
Sample : ic4329-80 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:37 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:37:25 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.55min 160.29ppb

response 4801543

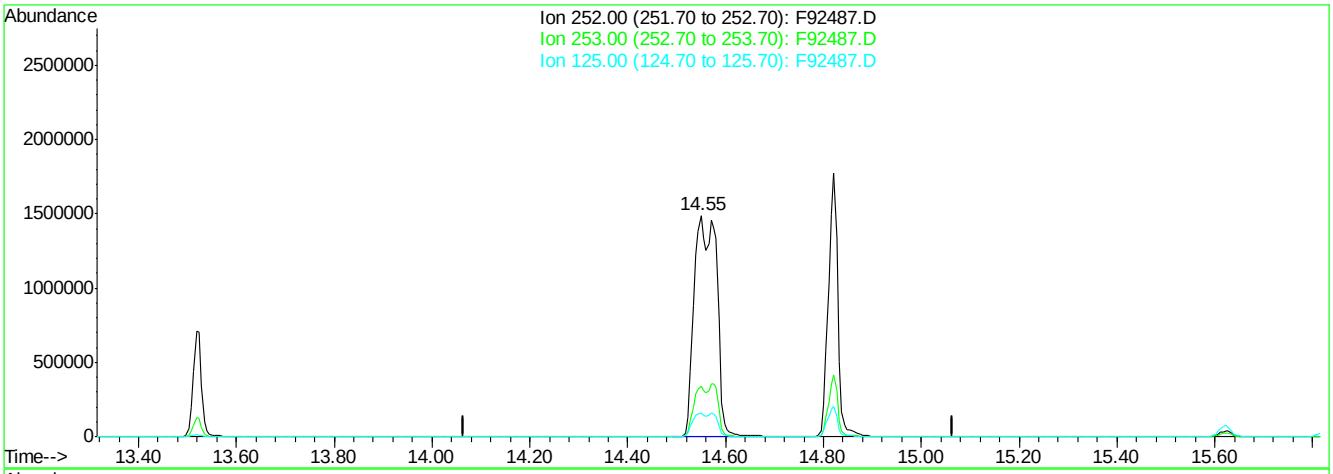
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.93
125.00	9.60	10.66
0.00	0.00	0.00

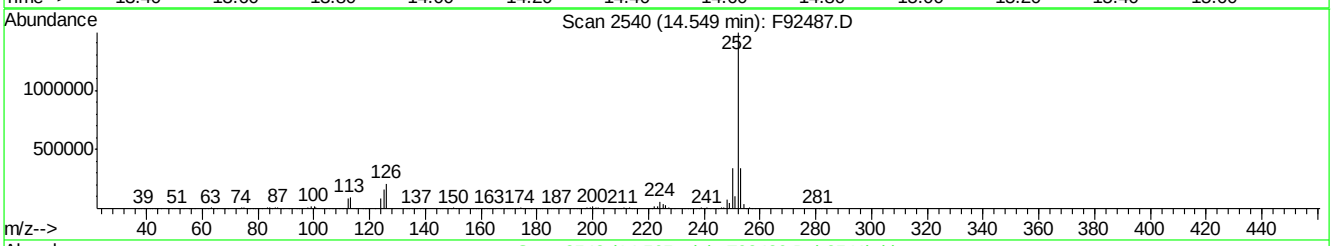
F92487.D MF4329.M Wed Oct 20 12:38:31 2010 GCMS3A

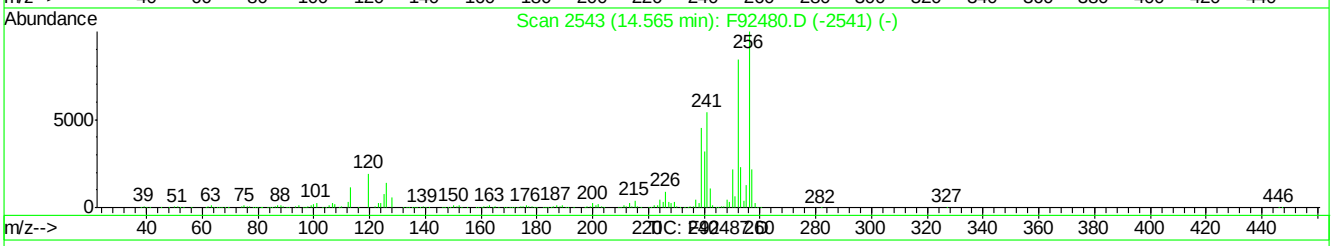
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92487.D Vial: 9
Acq On : 20 Oct 2010 12:18 pm Operator: ninap
Sample : ic4329-80 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:38 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 12:37:25 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.55min 132.04ppb

response 4801543

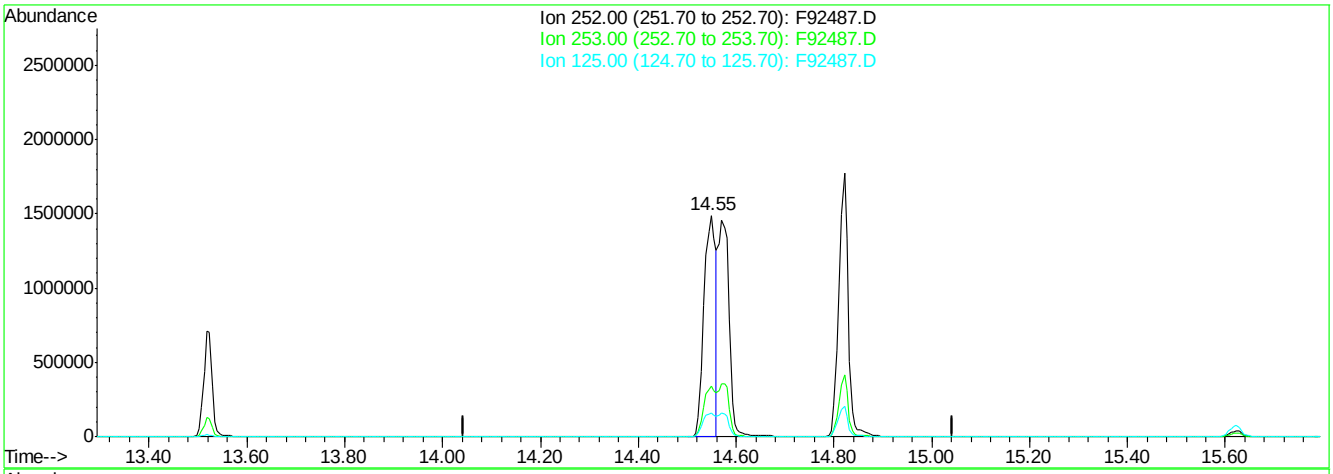
Ion	Exp%	Act%
252.00	100	100
253.00	25.20	22.93
125.00	11.30	10.66
0.00	0.00	0.00

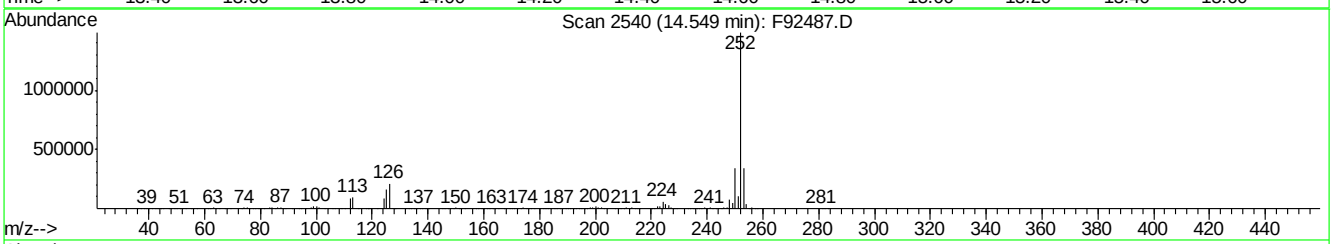
F92487.D MF4329.M Wed Oct 20 12:38:37 2010 GCMS3A

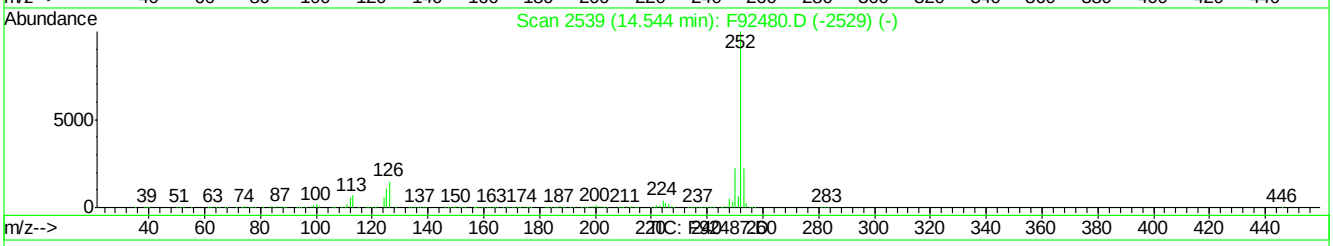
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92487.D Vial: 9
Acq On : 20 Oct 2010 12:18 pm Operator: ninap
Sample : ic4329-80 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:38 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 13:18:14 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.55min 87.33ppb m

response 2615914

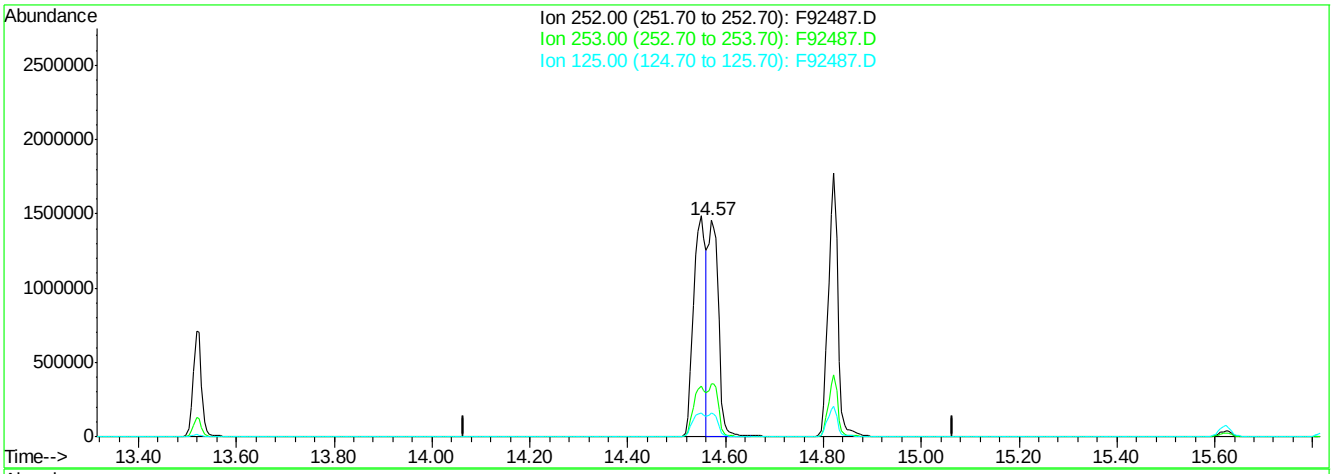
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.94
125.00	9.60	10.67
0.00	0.00	0.00

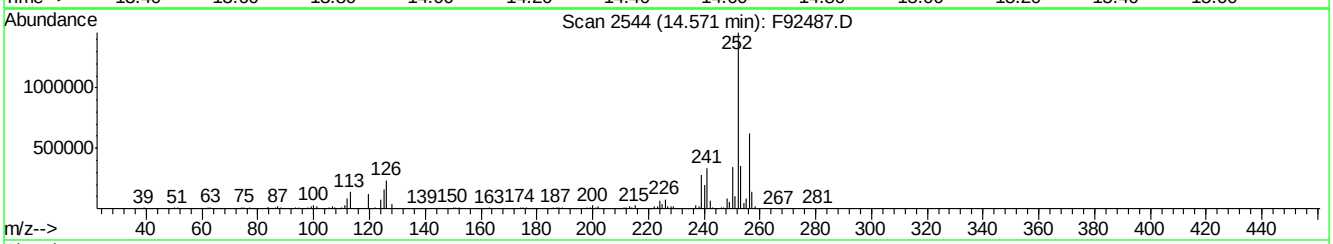
F92487.D MF4329.M Wed Oct 20 13:19:45 2010 GCMS3A

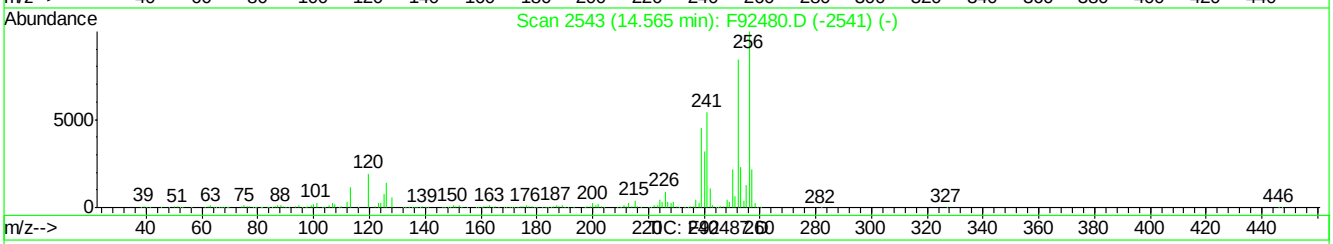
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4329\F92487.D Vial: 9
Acq On : 20 Oct 2010 12:18 pm Operator: ninap
Sample : ic4329-80 Inst : MSF
Misc : op46122,ef4329 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 12:38 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 13:18:14 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.57min 59.63ppb m

response 2168523

Ion	Exp%	Act%
252.00	100	100
253.00	25.20	24.43
125.00	11.30	10.81
0.00	0.00	0.00

F92487.D MF4329.M Wed Oct 20 13:19:49 2010 GCMS3A

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92489.D Vial: 2
Acq On : 20 Oct 2010 1:08 pm Operator: ninap
Sample : icc4330-50 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 14:38:02 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:37:53 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

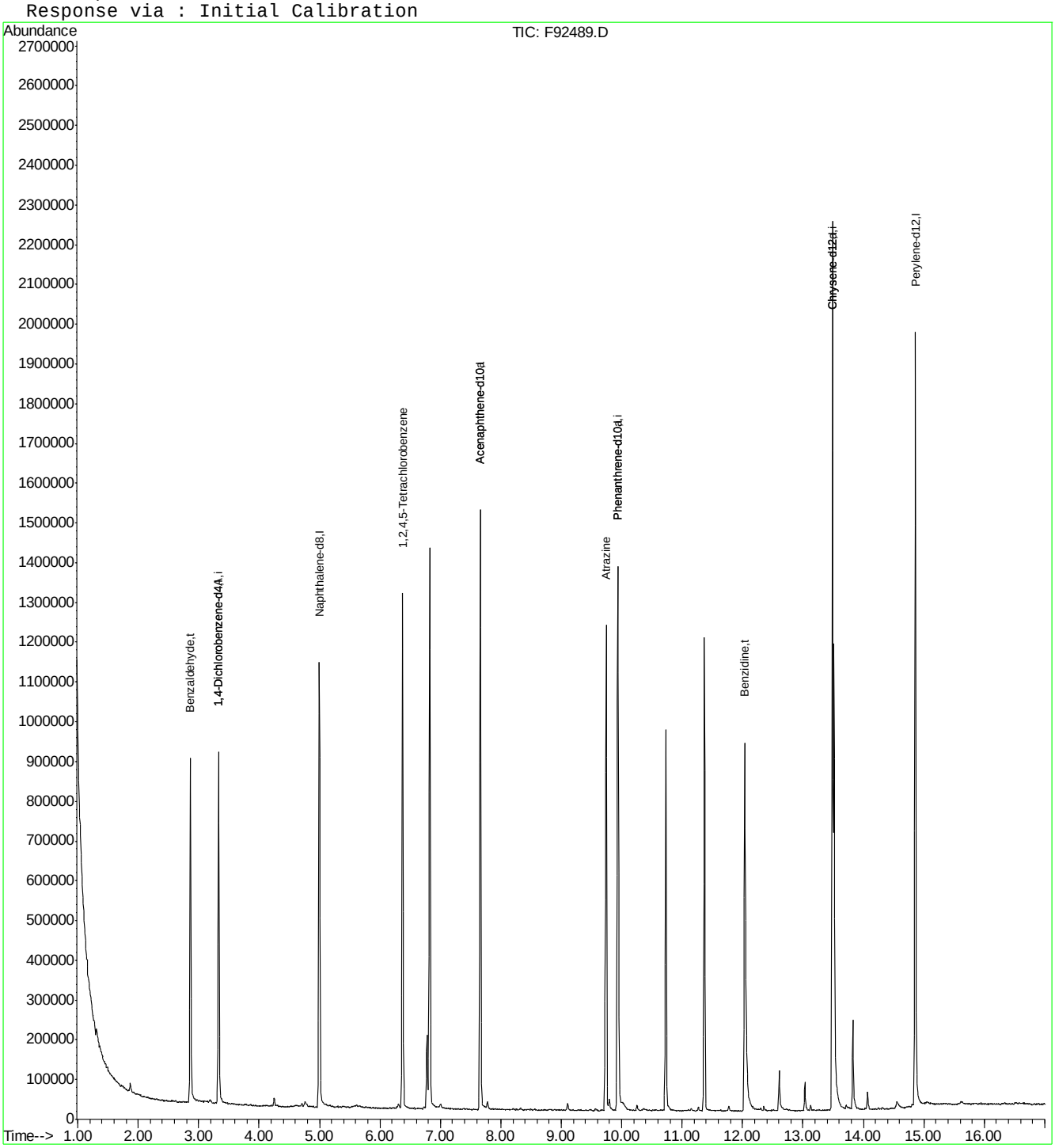
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	211331	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	751398	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	511039	40.00	ppb	0.00
69) Phenanthrene-d10	9.94	188	909136	40.00	ppb	0.00
83) Chrysene-d12	13.49	240	994588	40.00	ppb	-0.01
92) Perylene-d12	14.86	264	839795	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	211331	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	511039	40.00	ppb	0.00
106) Phenanthrene-d10a	9.94	188	909136	40.00	ppb	0.00
108) Chrysene-d12a	13.49	240	994588	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.86	105	256614	50.00	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.38	216	375208	50.00	ppb	98
107) Atrazine	9.75	200	229205	50.06	ppb	# 100
109) Benzidine	12.04	184	736391	50.00	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92489.D Vial: 2
Acq On : 20 Oct 2010 1:08 pm Operator: ninap
Sample : icc4330-50 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 14:38 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:37:53 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92490.D Vial: 3
Acq On : 20 Oct 2010 1:33 pm Operator: ninap
Sample : ic4330-1 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 14:40:09 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

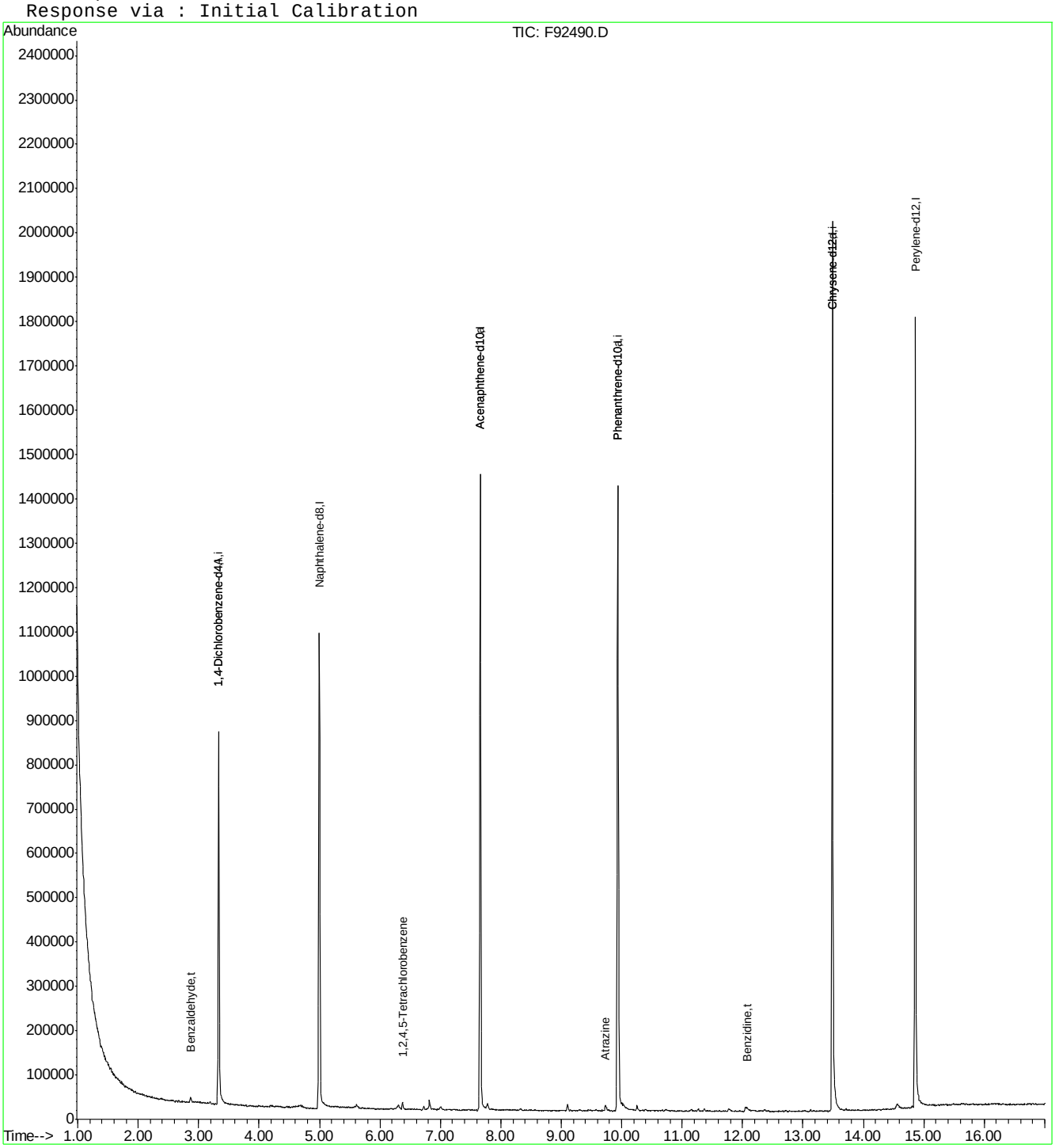
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	212278	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	739805	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	481251	40.00	ppb	0.00
69) Phenanthrene-d10	9.93	188	868546	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	934573	40.00	ppb	-0.01
92) Perylene-d12	14.86	264	787837	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	212278	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	481251	40.00	ppb	0.00
106) Phenanthrene-d10a	9.93	188	868546	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	934573	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.87	105	3925	0.76	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.38	216	5140	0.73	ppb	96
107) Atrazine	9.73	200	2533	0.58	ppb	# 100
109) Benzidine	12.08	184	11848	0.86	ppb	# 100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92490.D Vial: 3
Acq On : 20 Oct 2010 1:33 pm Operator: ninap
Sample : ic4330-1 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 14:40 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92491.D Vial: 4
Acq On : 20 Oct 2010 1:57 pm Operator: ninap
Sample : ic4330-2 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 14:41:11 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

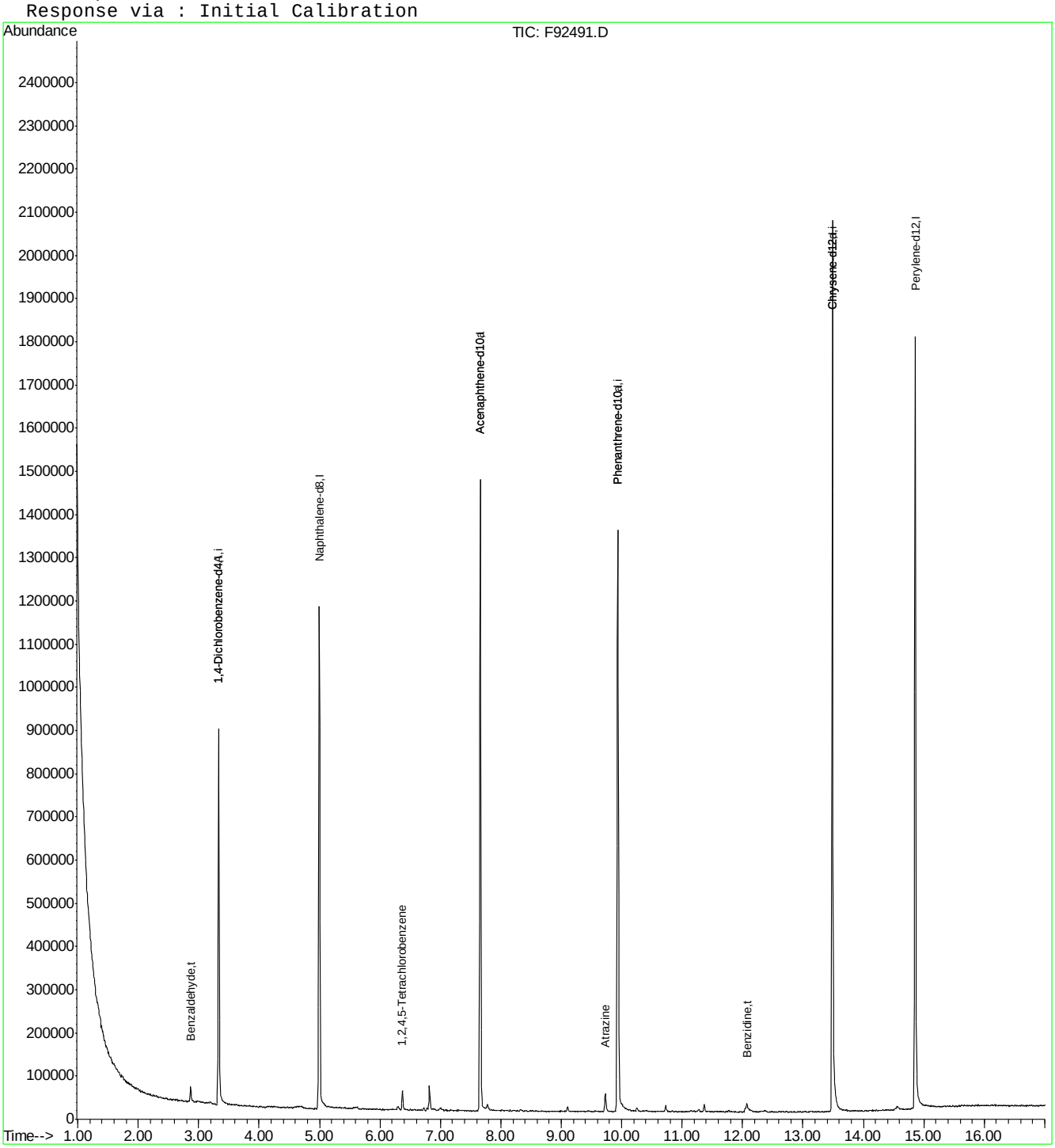
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	215249	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	789896	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	506778	40.00	ppb	0.00
69) Phenanthrene-d10	9.94	188	881832	40.00	ppb	0.00
83) Chrysene-d12	13.49	240	975008	40.00	ppb	-0.01
92) Perylene-d12	14.86	264	826882	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	215249	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	506778	40.00	ppb	0.00
106) Phenanthrene-d10a	9.94	188	881832	40.00	ppb	0.00
108) Chrysene-d12a	13.49	240	975008	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.87	105	11113	2.13	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.38	216	14655	1.97	ppb	99
107) Atrazine	9.73	200	7444	1.67	ppb	# 100
109) Benzidine	12.07	184	26661	1.85	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92491.D Vial: 4
Acq On : 20 Oct 2010 1:57 pm Operator: ninap
Sample : ic4330-2 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 14:41 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92492.D Vial: 5
Acq On : 20 Oct 2010 2:22 pm Operator: ninap
Sample : ic4330-5 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 14:42:07 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

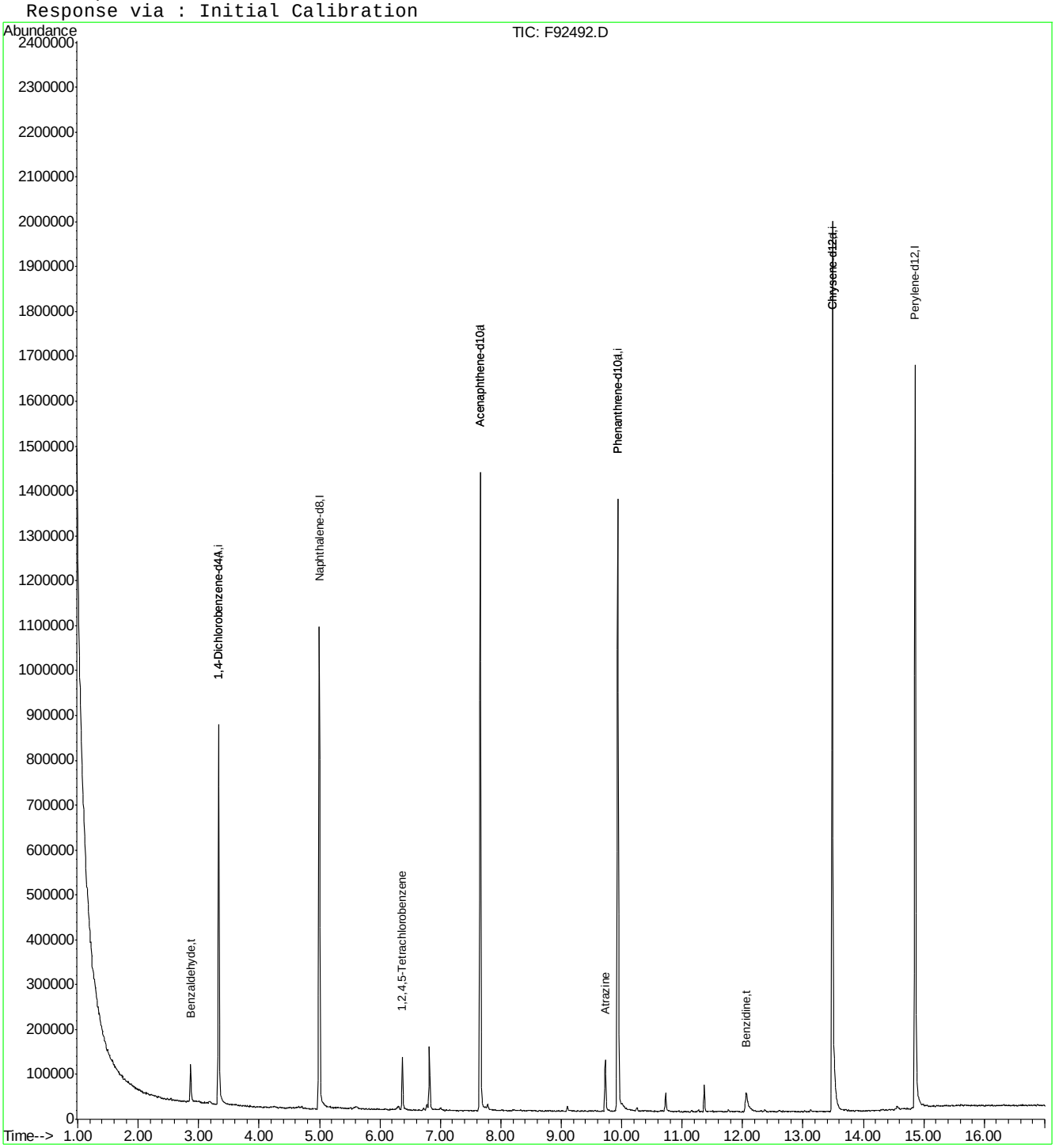
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	204031	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	753883	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	491968	40.00	ppb	0.00
69) Phenanthrene-d10	9.93	188	862990	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	934439	40.00	ppb	-0.01
92) Perylene-d12	14.86	264	791474	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	204031	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	491968	40.00	ppb	0.00
106) Phenanthrene-d10a	9.93	188	862990	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	934439	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.87	105	25487	5.14	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.37	216	35608	4.93	ppb	99
107) Atrazine	9.73	200	18875	4.34	ppb	# 100
109) Benzidine	12.06	184	58264	4.21	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
F92492.D MF4329.M Wed Oct 20 14:42:44 2010 GCMS3A Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92492.D Vial: 5
Acq On : 20 Oct 2010 2:22 pm Operator: ninap
Sample : ic4330-5 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 14:42 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92493.D Vial: 6
Acq On : 20 Oct 2010 2:46 pm Operator: ninap
Sample : ic4330-10 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 15:05:41 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

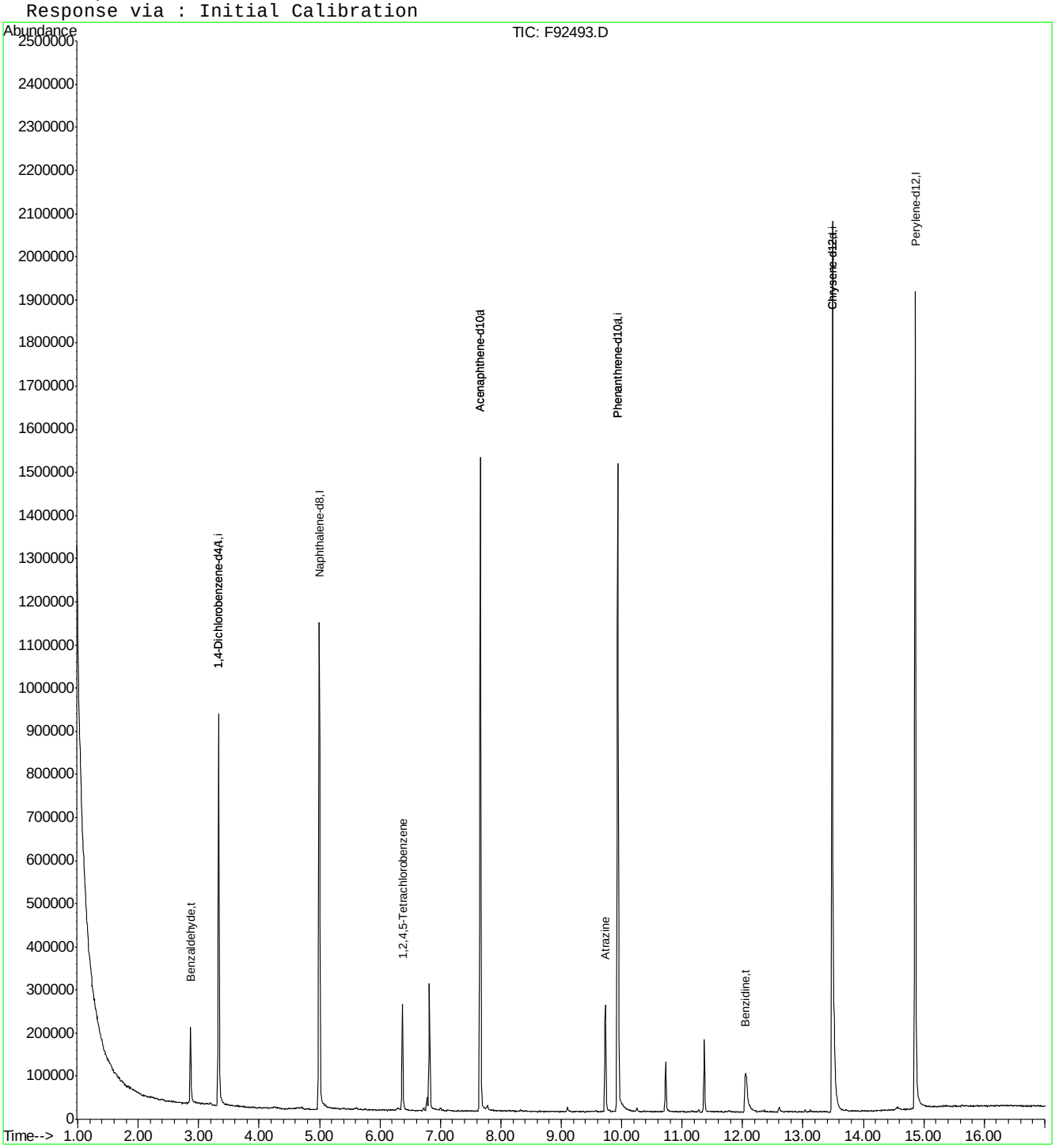
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	220990	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	766892	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	519071	40.00	ppb	0.00
69) Phenanthrene-d10	9.93	188	922168	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	1006419	40.00	ppb	-0.01
92) Perylene-d12	14.86	264	861065	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	220990	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	519071	40.00	ppb	0.00
106) Phenanthrene-d10a	9.93	188	922168	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	1006419	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.87	105	53519	9.97	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.38	216	75081	9.85	ppb	99
107) Atrazine	9.73	200	41457	8.92	ppb	# 100
109) Benzidine	12.05	184	129207	8.67	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
F92493.D MF4329.M Wed Oct 20 15:06:32 2010 GCMS3A Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92493.D Vial: 6
Acq On : 20 Oct 2010 2:46 pm Operator: ninap
Sample : ic4330-10 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 15:06 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92494.D Vial: 7
Acq On : 20 Oct 2010 3:10 pm Operator: ninap
Sample : ic4330-25 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 15:47:04 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

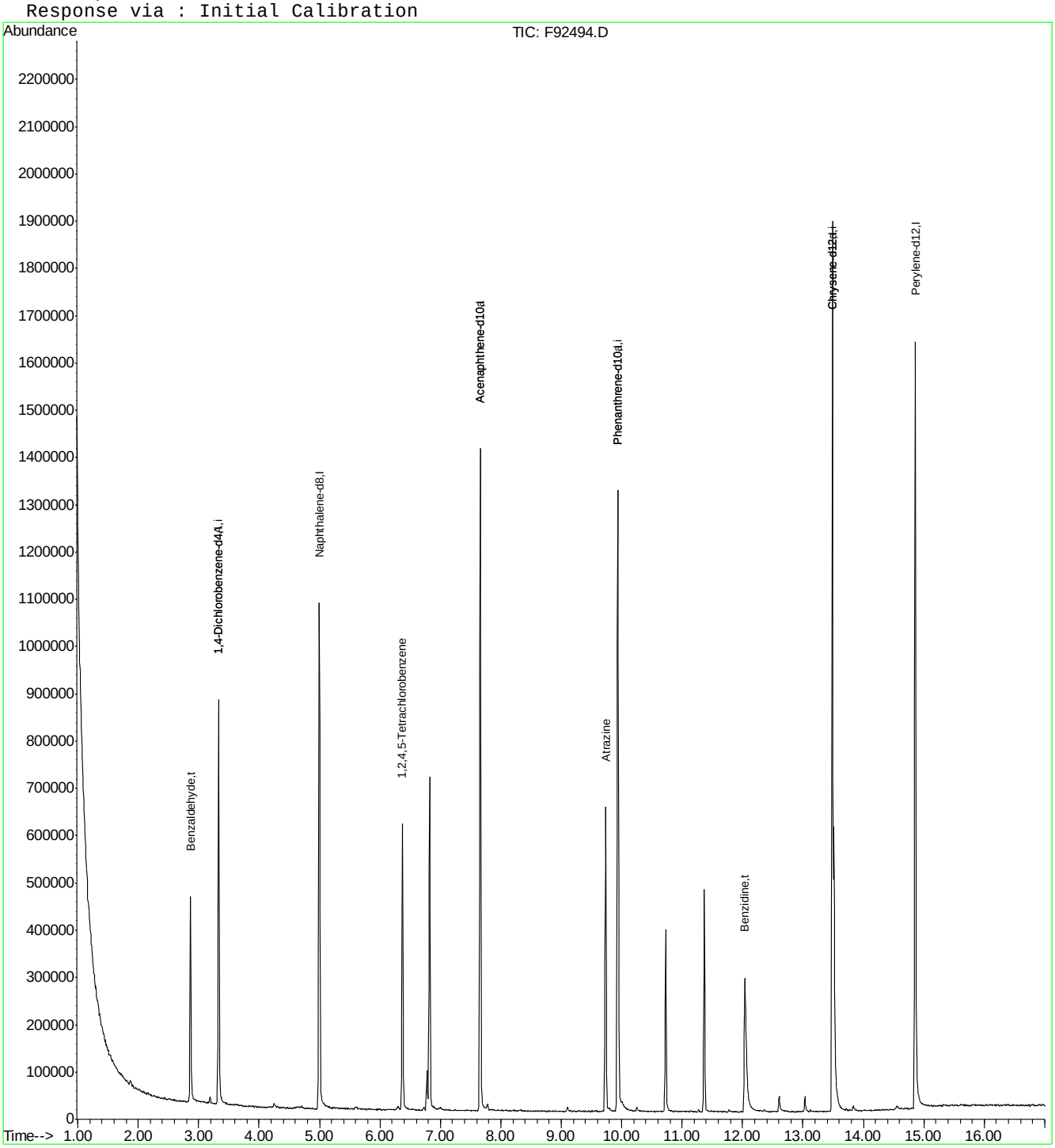
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	212032	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	734726	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	493632	40.00	ppb	0.00
69) Phenanthrene-d10	9.93	188	867488	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	939094	40.00	ppb	-0.01
92) Perylene-d12	14.86	264	787789	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	212032	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	493632	40.00	ppb	0.00
106) Phenanthrene-d10a	9.93	188	867488	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	939094	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.87	105	129870	25.22	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.38	216	185314	25.57	ppb	99
107) Atrazine	9.74	200	108825	24.88	ppb	# 100
109) Benzidine	12.04	184	312018	22.44	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
F92494.D MF4329.M Wed Oct 20 15:47:31 2010 GCMS3A

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92494.D Vial: 7
Acq On : 20 Oct 2010 3:10 pm Operator: ninap
Sample : ic4330-25 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 15:47 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92495.D Vial: 8
Acq On : 20 Oct 2010 3:35 pm Operator: ninap
Sample : ic4330-80 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 16:01:46 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

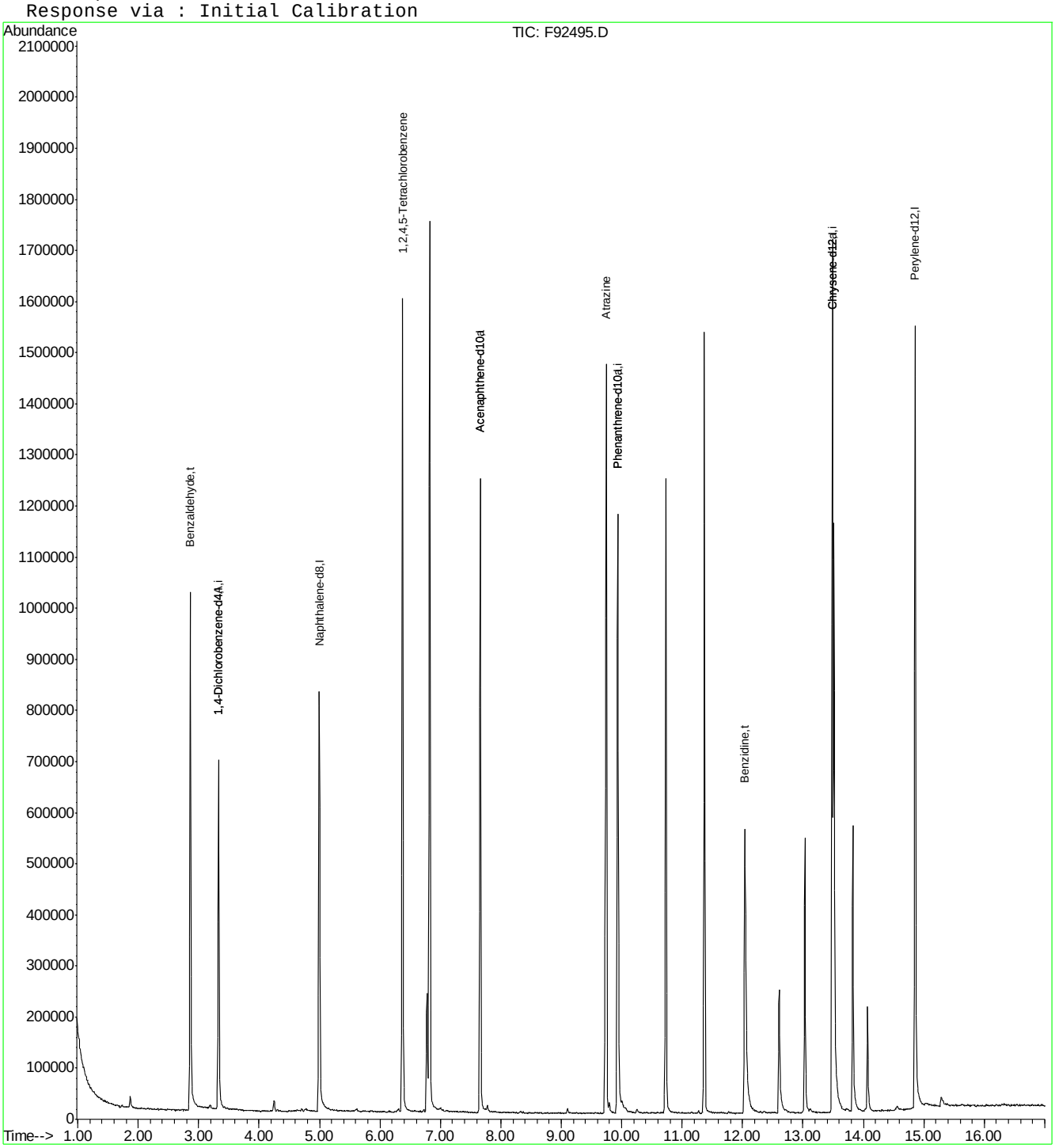
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	174378	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	609347	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	414741	40.00	ppb	0.00
69) Phenanthrene-d10	9.93	188	738904	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	833619	40.00	ppb	-0.01
92) Perylene-d12	14.85	264	713365	40.00	ppb	-0.01
102) 1,4-Dichlorobenzene-d4A	3.33	152	174378	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	414741	40.00	ppb	0.00
106) Phenanthrene-d10a	9.93	188	738904	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	833619	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.86	105	298308	70.44	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.38	216	477201	78.36	ppb	99
107) Atrazine	9.75	200	296616	79.61	ppb	# 100
109) Benzidine	12.04	184	509417	41.27	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92495.D Vial: 8
Acq On : 20 Oct 2010 3:35 pm Operator: ninap
Sample : ic4330-80 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 16:02 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92496.D Vial: 9
Acq On : 20 Oct 2010 3:59 pm Operator: ninap
Sample : ic4330-100 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 18:07:00 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

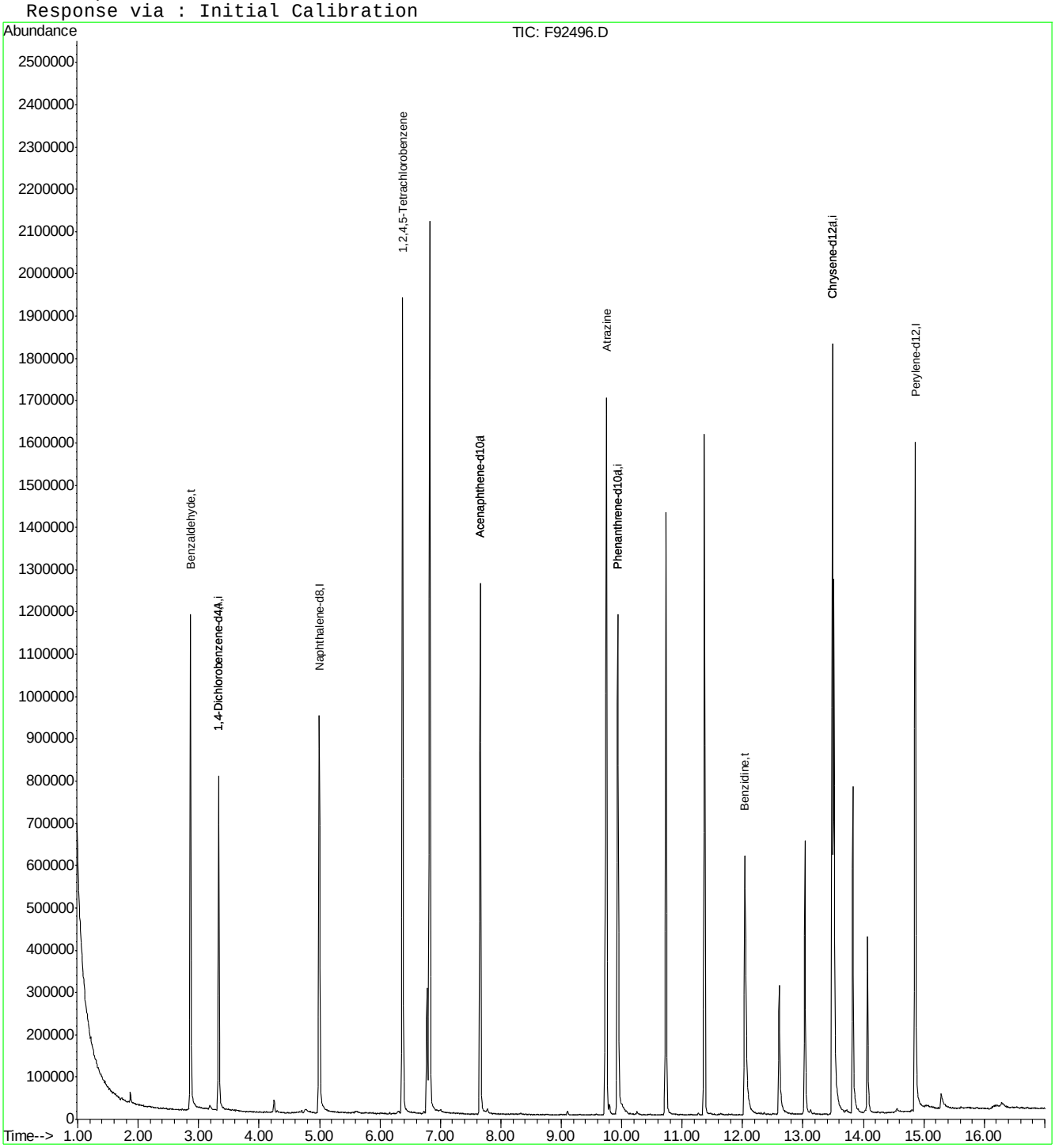
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	181691	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	660593	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	446771	40.00	ppb	0.00
69) Phenanthrene-d10	9.93	188	805258	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	887981	40.00	ppb	-0.01
92) Perylene-d12	14.86	264	774275	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	181691	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	446771	40.00	ppb	0.00
106) Phenanthrene-d10a	9.93	188	805258	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	887981	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.87	105	334590	75.83	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.38	216	578637	88.20	ppb	99
107) Atrazine	9.75	200	359566	88.56	ppb	# 100
109) Benzidine	12.04	184	550926	41.90	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92496.D Vial: 9
Acq On : 20 Oct 2010 3:59 pm Operator: ninap
Sample : ic4330-100 Inst : MSF
Misc : op46122,ef4330 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 20 18:07 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Wed Oct 20 14:39:46 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92497.D Vial: 10
Acq On : 20 Oct 2010 4:24 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,bn#1 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:06:21 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:06:18 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	200787	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	701193	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	423371	40.00	ppb	0.00
69) Phenanthrene-d10	9.94	188	694811	40.00	ppb	0.00
83) Chrysene-d12	13.49	240	754328	40.00	ppb	0.00
92) Perylene-d12	14.86	264	662445	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	200787	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	423371	40.00	ppb	0.00
106) Phenanthrene-d10a	9.94	188	694811	40.00	ppb	0.00
108) Chrysene-d12a	13.49	240	754328	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
3) Pyridine	1.28	79	386171	49.12	ppb	100
4) N-Nitrosodimethylamine	1.27	74	235304	49.63	ppb	99
11) bis(2-Chloroethyl)ether	3.10	93	351869	49.54	ppb	98
14) 1,3-Dichlorobenzene	3.29	146	412051	51.12	ppb	96
15) 1,4-Dichlorobenzene	3.35	146	392619	50.34	ppb	99
16) Benzyl alcohol	3.55	108	233553	57.45	ppb	100
17) 1,2-Dichlorobenzene	3.57	146	376579	50.75	ppb	98
20) 2,2'-oxybis(1-Chloropropan	3.75	121	109665	52.60	ppb	97
22) n-Nitroso-di-n-propylamine	3.92	70	239854	52.17	ppb	95
23) Hexachloroethane	3.95	201	137969	49.79	ppb	98
26) Nitrobenzene	4.08	123	171852	53.80	ppb	94
28) Isophorone	4.40	82	654940	50.77	ppb	99
32) bis(2-Chloroethoxy)methane	4.77	93	431807	55.52	ppb	99
36) 1,2,4-Trichlorobenzene	4.95	180	337582	50.99	ppb	99
38) Naphthalene	5.02	128	969512	50.51	ppb	98
42) Hexachlorobutadiene	5.33	225	193644	50.38	ppb	99
44) 2-Methylnaphthalene	6.05	142	643458	46.70	ppb	99
48) Hexachlorocyclopentadiene	6.43	237	166148	64.89	ppb	99
52) 2-Chloronaphthalene	6.78	162	652483	50.77	ppb	99
54) 2-Nitroaniline	7.04	65	178782	52.36	ppb	99
55) Dimethylphthalate	7.44	163	657847	46.03	ppb	100
56) Acenaphthylene	7.41	152	964377	47.96	ppb	100
57) 2,6-Dinitrotoluene	7.51	165	145868	52.45	ppb	98
58) 3-Nitroaniline	7.69	138	144690	46.94	ppb	99

(#) = qualifier out of range (m) = manual integration

ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92497.D Vial: 10
Acq On : 20 Oct 2010 4:24 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,bn#1 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:06:21 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:06:18 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

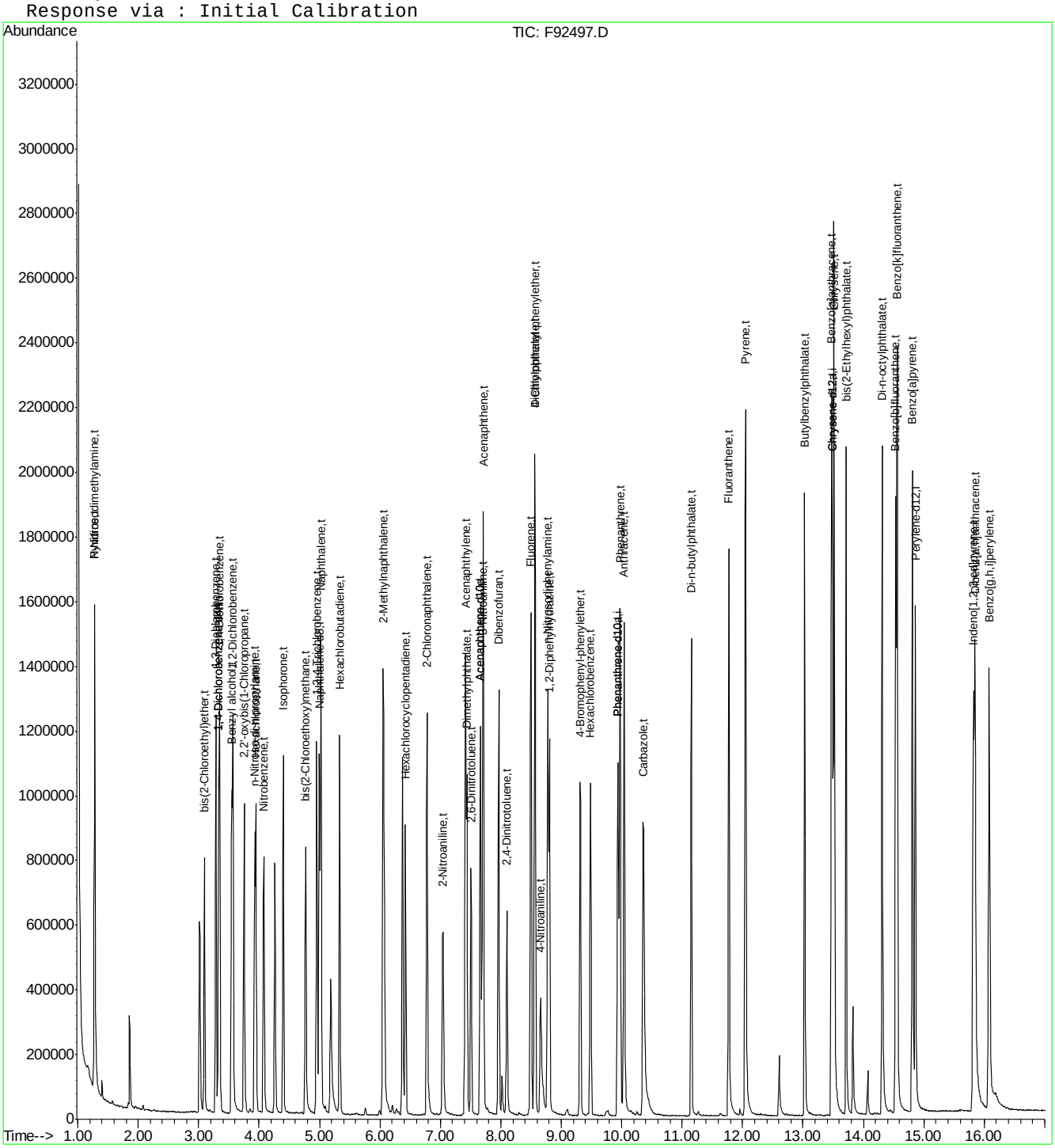
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
59)	Acenaphthene	7.71	153	600755	58.62	ppb	99
62)	Dibenzofuran	7.97	168	893193	50.23	ppb	98
63)	2,4-Dinitrotoluene	8.10	165	193131	51.36	ppb	97
65)	Diethylphthalate	8.56	149	613853	47.35	ppb	100
66)	Fluorene	8.50	166	730516	49.77	ppb	98
67)	4-Chlorophenyl-phenylether	8.57	204	325720	47.50	ppb	98
68)	4-Nitroaniline	8.66	138	168469	48.42	ppb	97
71)	n-Nitrosodiphenylamine	8.78	169	481915	49.62	ppb	100
72)	1,2-Diphenylhydrazine	8.81	77	696451	51.04	ppb	99
74)	4-Bromophenyl-phenylether	9.32	248	217674	51.33	ppb	96
75)	Hexachlorobenzene	9.48	284	219540	52.33	ppb	98
77)	Phenanthrene	9.97	178	1004105	56.78	ppb	100
78)	Anthracene	10.04	178	1077032	50.66	ppb	100
79)	Carbazole	10.36	167	994290	52.19	ppb	99
80)	Di-n-butylphthalate	11.15	149	1130950	50.91	ppb	100
81)	Fluoranthene	11.78	202	1139423	49.05	ppb	99
84)	Pyrene	12.05	202	1172515	48.89	ppb	99
86)	Butylbenzylphthalate	13.03	149	476232	51.36	ppb	99
88)	Benzo[a]anthracene	13.47	228	1068114	49.51	ppb	99
90)	Chrysene	13.51	228	1014494	57.82	ppb	99
91)	bis(2-Ethylhexyl)phthalate	13.72	149	671228	52.24	ppb	100
93)	Di-n-octylphthalate	14.31	149	1178234	55.39	ppb	99
94)	Benzo[b]fluoranthene	14.53	252	969215	48.80	ppb	97
95)	Benzo[k]fluoranthene	14.56	252	1194432	50.55	ppb	94
96)	Benzo[a]pyrene	14.81	252	1056218	53.66	ppb	100
97)	Indeno[1,2,3-cd]pyrene	15.82	276	1115648	52.15	ppb	98
99)	Dibenz[a,h]anthracene	15.85	278	922869	53.14	ppb	99
101)	Benzo[g,h,i]perylene	16.08	276	970349	51.34	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92497.D Vial: 10
Acq On : 20 Oct 2010 4:24 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,bn#1 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 25 9:41 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES
JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92497A.D Vial: 10
Acq On : 20 Oct 2010 4:24 pm Operator: ninap
Sample : icv4330-50 Inst : MSF
Misc : op46122,ef4330,bn#1 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:06:21 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:06:18 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

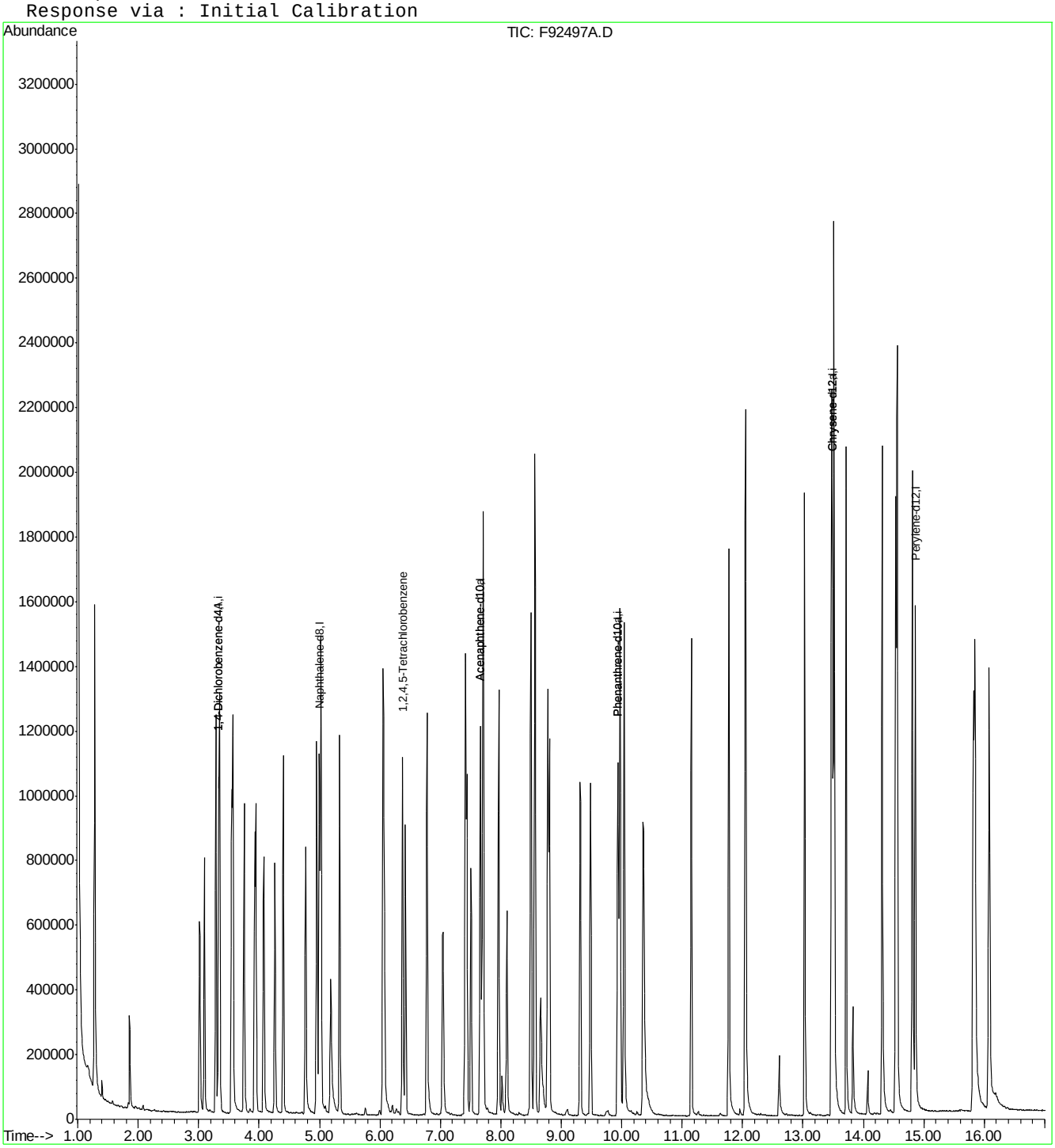
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	200787	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	701193	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	423371	40.00	ppb	0.00
69) Phenanthrene-d10	9.94	188	694811	40.00	ppb	0.00
83) Chrysene-d12	13.49	240	754328	40.00	ppb	0.00
92) Perylene-d12	14.86	264	662445	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	200787	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	423371	40.00	ppb	0.00
106) Phenanthrene-d10a	9.94	188	694811	40.00	ppb	0.00
108) Chrysene-d12a	13.49	240	754328	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
105) 1,2,4,5-Tetrachlorobenzene	6.38	216	339877	57.80	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed
F92497A.D MF4329.M Mon Oct 25 09:42:44 2010 GCMS3A

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92497A.D Vial: 10
Acq On : 20 Oct 2010 4:24 pm Operator: ninap
Sample : icv4330-50 Inst : MSF
Misc : op46122,ef4330,bn#1 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 25 9:42 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES
JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92498.D Vial: 11
Acq On : 20 Oct 2010 4:48 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,bn#2 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:18:56 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:18:54 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

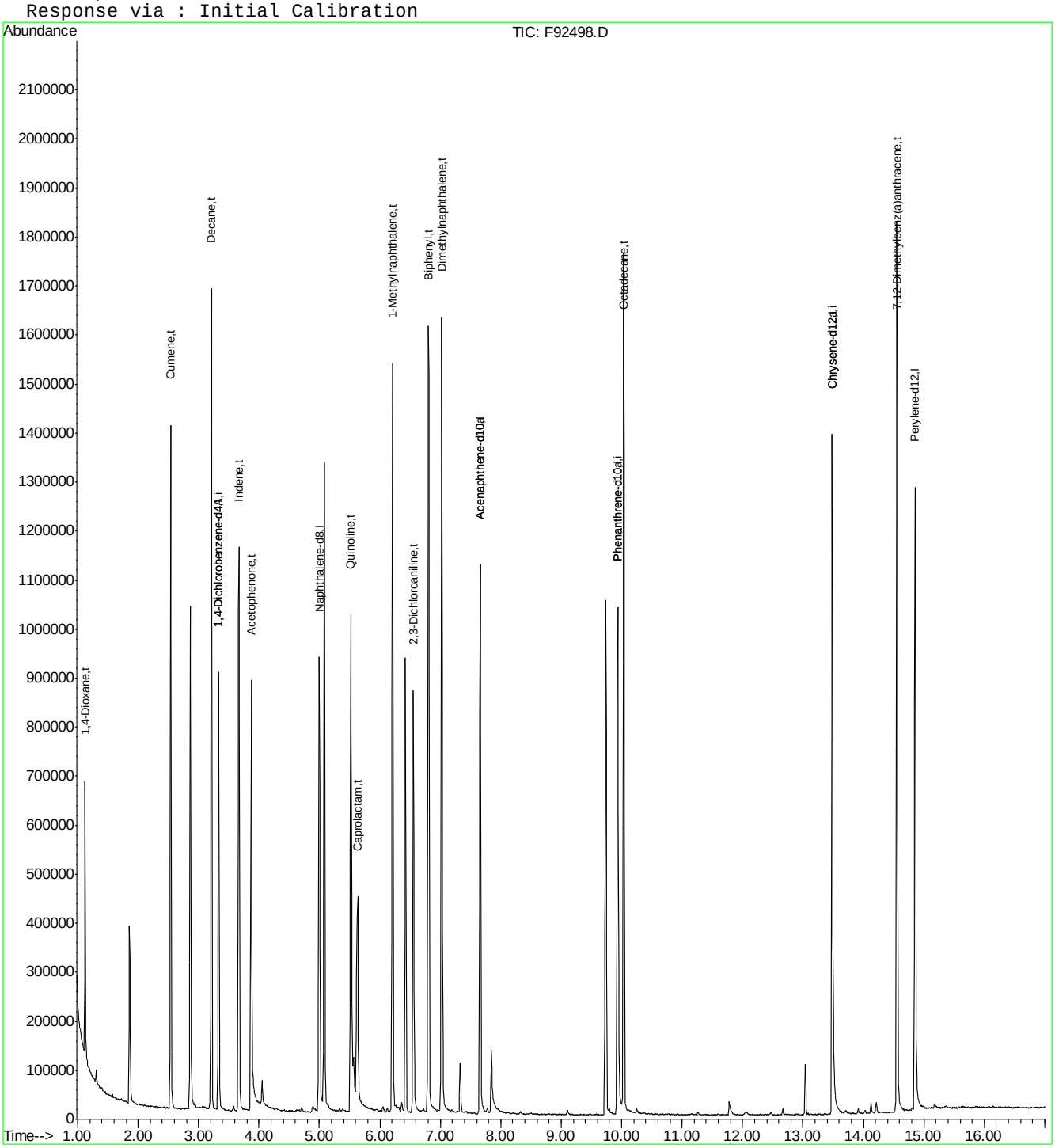
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	199095	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	613544	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	406594	40.00	ppb	-0.01
69) Phenanthrene-d10	9.93	188	676322	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	738320	40.00	ppb	-0.01
92) Perylene-d12	14.85	264	588270	40.00	ppb	-0.01
102) 1,4-Dichlorobenzene-d4A	3.33	152	199095	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	406594	40.00	ppb	-0.01
106) Phenanthrene-d10a	9.93	188	684944	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	738320	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	154180	46.95	ppb	# 52
6) Indene	3.67	116	497938	51.24	ppb	98
7) Cumene	2.54	105	628982	47.32	ppb	99
13) Decane	3.21	43	423561	55.26	ppb	99
18) Acetophenone	3.87	105	493032	58.29	ppb	99
27) Quinoline	5.52	129	600757	56.99	ppb	99
40) 2,3-Dichloroaniline	6.55	161	317558	52.98	ppb	99
41) Caprolactam	5.63	55	166134	53.31	ppb	97
45) 1-Methylnaphthalene	6.21	142	650259	57.51	ppb	97
46) Dimethylnaphthalene	7.02	156	594593	58.32	ppb	100
53) Biphenyl	6.80	154	817000	55.59	ppb	98
82) Octadecane	10.03	57	487143	59.98	ppb	99
100) 7,12-Dimethylbenz(a)anthra	14.55	256	430328	60.04	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92498.D Vial: 11
Acq On : 20 Oct 2010 4:48 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,bn#2 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 22 16:07 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration



F92498.D MF4329.M Fri Oct 22 16:07:56 2010 GCMS3A Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92498A.D Vial: 11
Acq On : 20 Oct 2010 4:48 pm Operator: ninap
Sample : icv4330-50 Inst : MSF
Misc : op46122,ef4330,bn#2 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:18:56 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:18:54 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

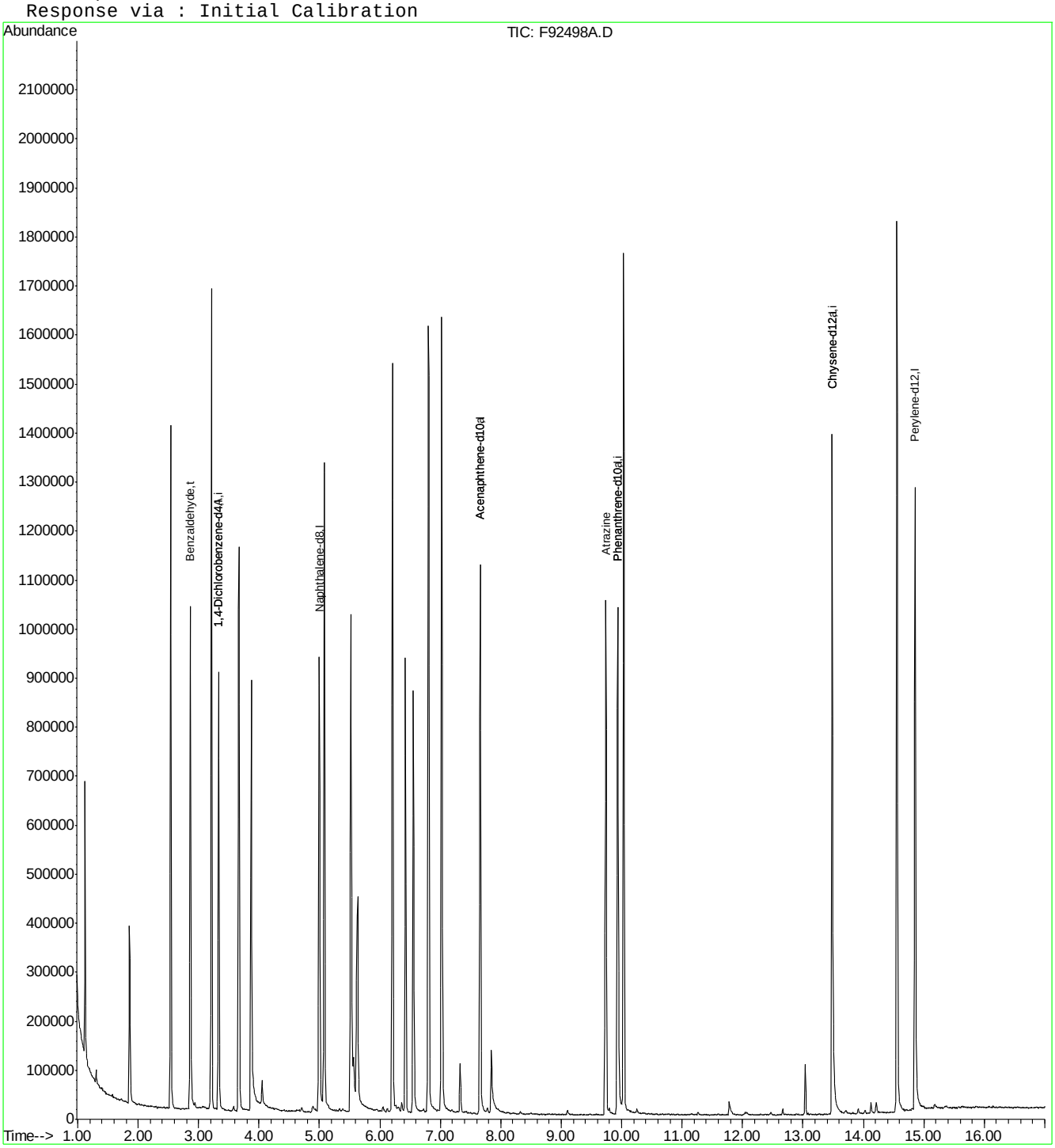
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	199095	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	613544	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	406594	40.00	ppb	-0.01
69) Phenanthrene-d10	9.93	188	676322	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	738320	40.00	ppb	-0.01
92) Perylene-d12	14.85	264	588270	40.00	ppb	-0.01
102) 1,4-Dichlorobenzene-d4A	3.33	152	199095	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	406594	40.00	ppb	-0.01
106) Phenanthrene-d10a	9.93	188	684944	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	738320	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.86	105	278079	59.73	ppb	# 100
107) Atrazine	9.74	200	192391	59.83	ppb	# 100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92498A.D Vial: 11
Acq On : 20 Oct 2010 4:48 pm Operator: ninap
Sample : icv4330-50 Inst : MSF
Misc : op46122,ef4330,bn#2 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 22 16:07 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92499.D Vial: 12
Acq On : 20 Oct 2010 5:13 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,acid 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:20:49 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

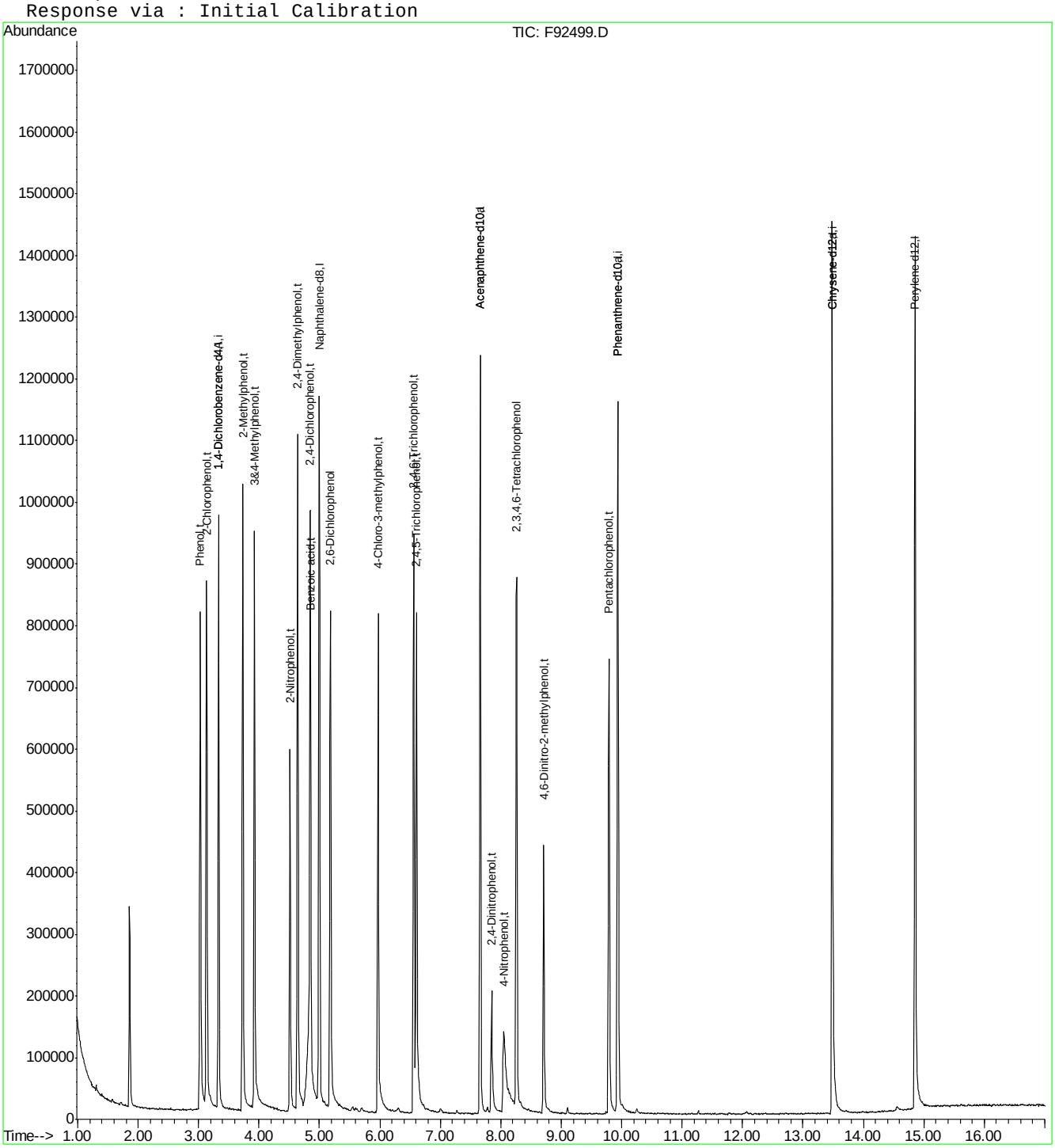
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	212584	40.00	ppb		0.00
24) Naphthalene-d8	5.00	136	733916	40.00	ppb		0.00
47) Acenaphthene-d10	7.66	164	433249	40.00	ppb		0.00
69) Phenanthrene-d10	9.93	188	724817	40.00	ppb		-0.01
83) Chrysene-d12	13.48	240	789455	40.00	ppb		-0.02
92) Perylene-d12	14.85	264	662168	40.00	ppb		-0.01
102) 1,4-Dichlorobenzene-d4A	3.33	152	212584	40.00	ppb		0.00
104) Acenaphthene-d10a	7.66	164	433249	40.00	ppb		0.00
106) Phenanthrene-d10a	9.93	188	730143	40.00	ppb		-0.01
108) Chrysene-d12a	13.48	240	789455	40.00	ppb		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ppb		
Spiked Amount 50.000			Recovery =	0.00%			
8) Phenol-d5	0.00	99	0d	0.00	ppb		
Spiked Amount 50.000			Recovery =	0.00%			
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb		
Spiked Amount 50.000			Recovery =	0.00%			
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb		
Spiked Amount 50.000			Recovery =	0.00%			
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb		
Spiked Amount 50.000			Recovery =	0.00%			
85) Terphenyl-d14	0.00	244	0	0.00	ppb		
Spiked Amount 50.000			Recovery =	0.00%			
Target Compounds							Qvalue
9) Phenol	3.03	94	456417	50.09	ppb		84
12) 2-Chlorophenol	3.13	128	354024	51.85	ppb		99
19) 2-Methylphenol	3.73	108	301063	51.14	ppb		99
21) 3&4-Methylphenol	3.92	108	340894	57.41	ppb		98
29) 2-Nitrophenol	4.51	139	172553	54.04	ppb	#	77
30) 2,4-Dimethylphenol	4.64	107	308025	53.50	ppb		95
31) Benzoic acid	4.86	105	235725	52.21	ppb		94
33) 2,4-Dichlorophenol	4.85	162	285824	49.44	ppb		99
34) 2,6-Dichlorophenol	5.18	162	303300	53.50	ppb		99
43) 4-Chloro-3-methylphenol	5.97	107	269402	48.36	ppb		83
49) 2,4,6-Trichlorophenol	6.56	196	209256	51.22	ppb		99
50) 2,4,5-Trichlorophenol	6.61	196	242632	53.04	ppb		99
60) 2,4-Dinitrophenol	7.85	184	55751	41.08	ppb		95
61) 4-Nitrophenol	8.05	109	60749	40.62	ppb		97
64) 2,3,4,6-Tetrachlorophenol	8.26	232	180531	47.38	ppb	#	19
70) 4,6-Dinitro-2-methylphenol	8.71	198	103605	43.17	ppb	#	99
76) Pentachlorophenol	9.79	266	141318	54.99	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92499.D Vial: 12
Acq On : 20 Oct 2010 5:13 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,acid 2nd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:21 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92500.D Vial: 13
Acq On : 20 Oct 2010 5:37 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,3rd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:22:26 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

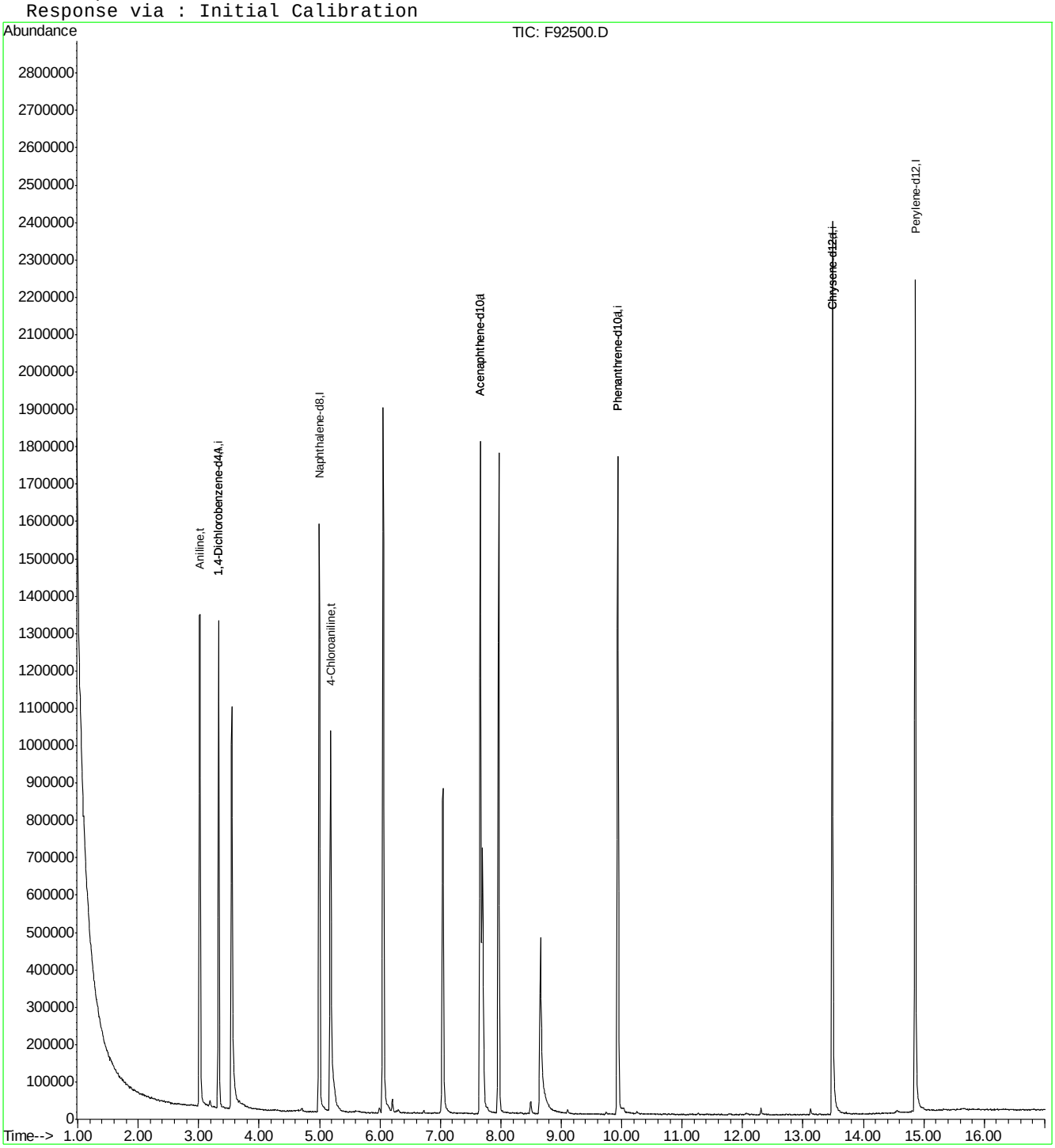
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	292350	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	1063419	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	626421	40.00	ppb	0.00
69) Phenanthrene-d10	9.94	188	1101402	40.00	ppb	0.00
83) Chrysene-d12	13.49	240	1225626	40.00	ppb	-0.01
92) Perylene-d12	14.86	264	1016964	40.00	ppb	0.00
102) 1,4-Dichlorobenzene-d4A	3.33	152	292350	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	626421	40.00	ppb	0.00
106) Phenanthrene-d10a	9.94	188	1108448	40.00	ppb	0.00
108) Chrysene-d12a	13.49	240	1225626	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
10) Aniline	3.02	93	738620	53.87	ppb	73
39) 4-Chloroaniline	5.18	127	596897	50.59	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330\F92500.D Vial: 13
Acq On : 20 Oct 2010 5:37 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,3rd source Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:23 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration



F92500.D MF4329.M Thu Oct 21 12:23:17 2010 GCMS3A Page 2

8.6.57

8

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92501.D Vial: 14
Acq On : 20 Oct 2010 6:01 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,3rd source,benzidene Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:24:28 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

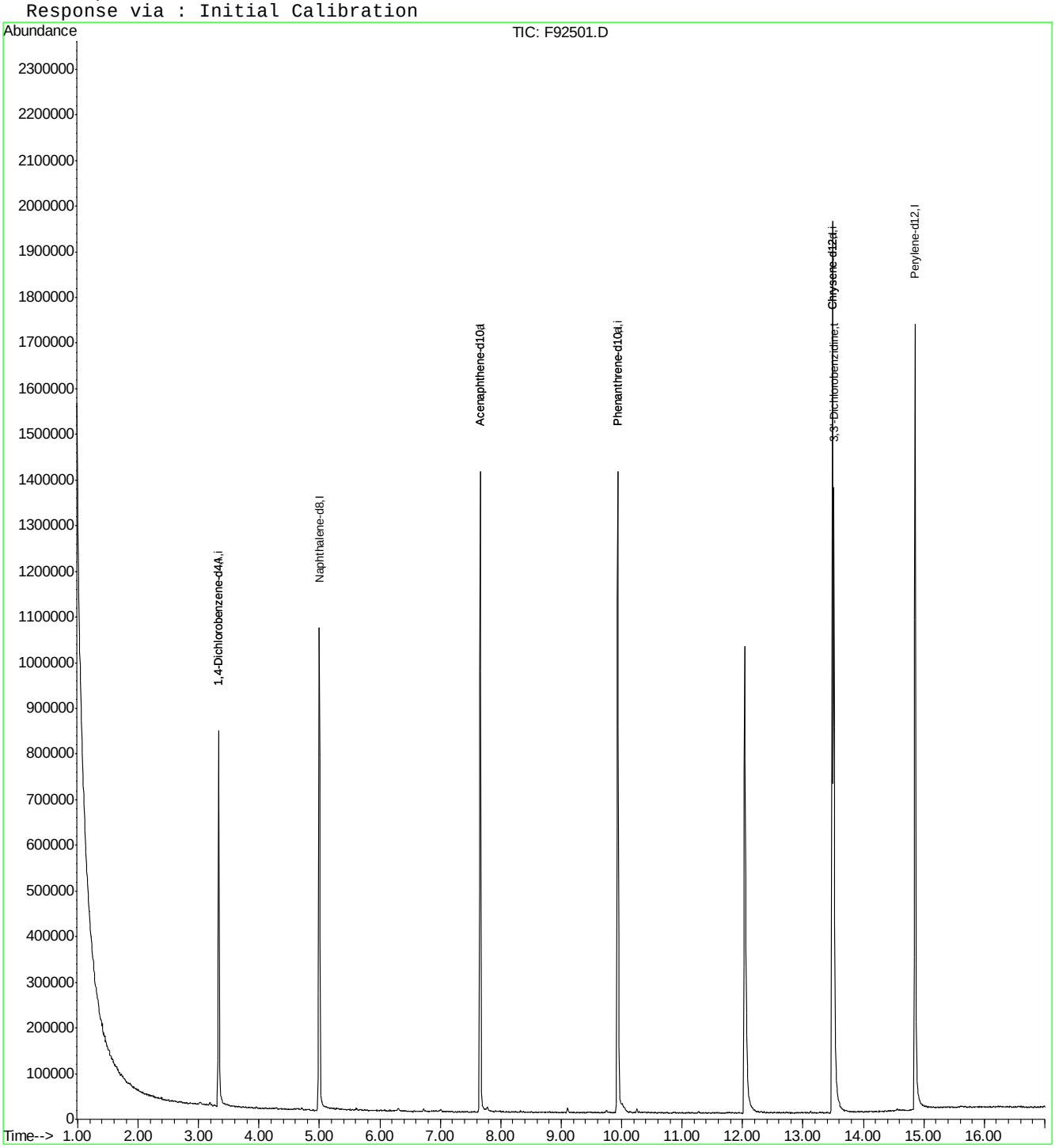
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	213160	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	754264	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	492151	40.00	ppb	0.00
69) Phenanthrene-d10	9.93	188	855931	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	936991	40.00	ppb	-0.01
92) Perylene-d12	14.85	264	791102	40.00	ppb	-0.01
102) 1,4-Dichlorobenzene-d4A	3.33	152	212924	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	492151	40.00	ppb	0.00
106) Phenanthrene-d10a	9.93	188	855931	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	936991	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
89) 3,3'-Dichlorobenzidine	13.51	252	457977	49.87	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92501.D Vial: 14
Acq On : 20 Oct 2010 6:01 pm Operator: ninap
Sample : icv4329-50 Inst : MSF
Misc : op46122,ef4330,3rd source,benzidene Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 22 16:11 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration



F92501.D MF4329.M Fri Oct 22 16:11:36 2010 GCMS3A Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92501A.D Vial: 14
Acq On : 20 Oct 2010 6:01 pm Operator: ninap
Sample : icv4330-50 Inst : MSF
Misc : op46122,ef4330,3rd source,benzidene Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 21 12:24:28 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

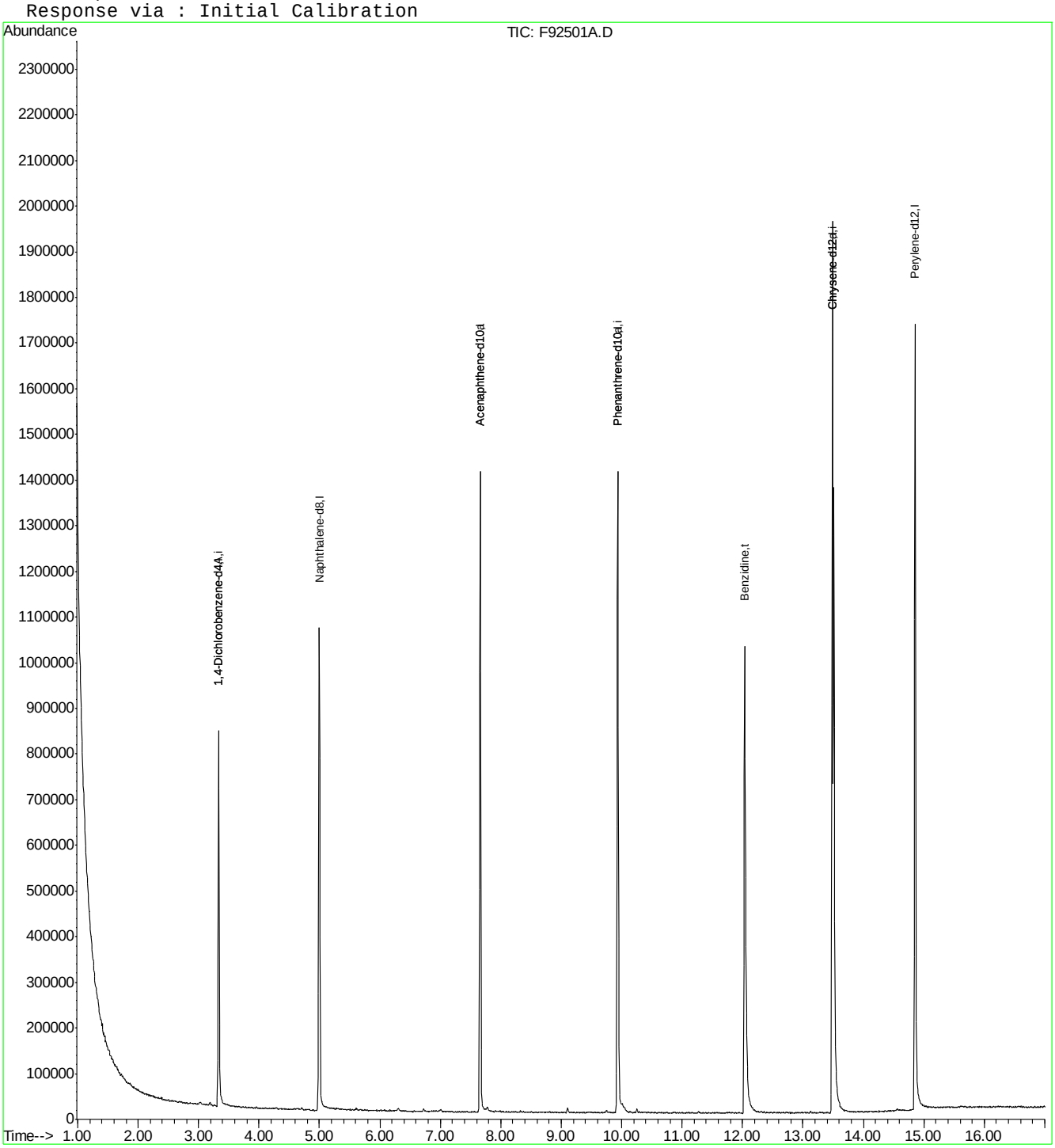
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.33	152	213160	40.00	ppb	0.00
24) Naphthalene-d8	5.00	136	754264	40.00	ppb	0.00
47) Acenaphthene-d10	7.66	164	492151	40.00	ppb	0.00
69) Phenanthrene-d10	9.93	188	855931	40.00	ppb	-0.01
83) Chrysene-d12	13.49	240	936991	40.00	ppb	-0.01
92) Perylene-d12	14.85	264	791102	40.00	ppb	-0.01
102) 1,4-Dichlorobenzene-d4A	3.33	152	212924	40.00	ppb	0.00
104) Acenaphthene-d10a	7.66	164	492151	40.00	ppb	0.00
106) Phenanthrene-d10a	9.93	188	855931	40.00	ppb	-0.01
108) Chrysene-d12a	13.49	240	936991	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
109) Benzidine	12.04	184	863512	78.77	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4330D\F92501A.D Vial: 14
Acq On : 20 Oct 2010 6:01 pm Operator: ninap
Sample : icv4330-50 Inst : MSF
Misc : op46122,ef4330,3rd source,benzidene Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 22 16:12 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Oct 21 12:17:18 2010
Response via : Initial Calibration



8.6.59

8

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 12/01/10 12:56

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93515.D Vial: 2
Acq On : 29 Nov 2010 11:04 pm Operator: larisap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4370 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 09:02:43 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 09:02:40 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.06	152	233045	40.00	ppb		-0.03
24) Naphthalene-d8	4.70	136	848728	40.00	ppb		-0.03
47) Acenaphthene-d10	7.34	164	590911	40.00	ppb		-0.03
69) Phenanthrene-d10	9.62	188	1039220	40.00	ppb		-0.02
83) Chrysene-d12	13.25	240	1081641	40.00	ppb		-0.01
92) Perylene-d12	14.63	264	935722	40.00	ppb		-0.01
102) 1,4-Dichlorobenzene-d4A	3.06	152	233045	40.00	ppb		-0.03
104) Acenaphthene-d10a	7.34	164	599599	40.00	ppb		-0.03
106) Phenanthrene-d10a	9.62	188	1039220	40.00	ppb		-0.02
108) Chrysene-d12a	13.25	240	1081641	40.00	ppb		-0.01
110) Naphthalene-d8a	4.70	136	848728	40.00	ppb		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	1.91	112	349623	46.01	ppb		-0.03
Spiked Amount 50.000			Recovery = 92.02%				
8) Phenol-d5	2.80	99	456530	49.51	ppb		-0.01
Spiked Amount 50.000			Recovery = 99.02%				
25) Nitrobenzene-d5	3.78	82	458180	54.65	ppb		-0.02
Spiked Amount 50.000			Recovery = 109.30%				
51) 2-Fluorobiphenyl	6.38	172	915927	43.38	ppb		-0.03
Spiked Amount 50.000			Recovery = 86.76%				
73) 2,4,6-Tribromophenol	8.60	330	124843	49.86	ppb		-0.02
Spiked Amount 50.000			Recovery = 99.72%				
85) Terphenyl-d14	12.09	244	1024825	46.66	ppb		-0.02
Spiked Amount 50.000			Recovery = 93.32%				
Target Compounds							Qvalue
2) 1,4-Dioxane	0.96	88	134173	34.91	ppb		78
3) Pyridine	1.11	79	361884	39.66	ppb		83
4) N-Nitrosodimethylamine	1.11	74	217919	39.60	ppb	#	56
6) Indene	3.38	116	542708	47.71	ppb		97
7) Cumene	2.29	105	775678	49.86	ppb		96
9) Phenol	2.81	94	503818	50.44	ppb		98
10) Aniline	2.76	93	510340	46.70	ppb	#	55
11) bis(2-Chloroethyl)ether	2.84	93	376515	45.67	ppb		96
12) 2-Chlorophenol	2.88	128	369006	49.30	ppb		95
13) Decane	2.94	43	529060	58.97	ppb		86
14) 1,3-Dichlorobenzene	3.01	146	436980	46.71	ppb		98
15) 1,4-Dichlorobenzene	3.08	146	427001	47.17	ppb		99
16) Benzyl alcohol	3.29	108	248147	52.59	ppb		84
17) 1,2-Dichlorobenzene	3.29	146	384805	44.68	ppb		99
18) Acetophenone	3.60	105	525933	53.12	ppb		92
19) 2-Methylphenol	3.49	108	279717	43.35	ppb		96
20) 2,2'-oxybis(1-Chloropropan	3.47	121	125006	51.66	ppb	#	75
21) 3&4-Methylphenol	3.69	108	308933	47.05	ppb		98
22) n-Nitroso-di-n-propylamine	3.65	70	273178	51.19	ppb		82
23) Hexachloroethane	3.65	201	156467	48.65	ppb		100
26) Nitrobenzene	3.80	123	196245	50.76	ppb		86
27) Quinoline	5.25	129	761881	52.24	ppb		99
28) Isophorone	4.12	82	782012	50.09	ppb		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93515.D Vial: 2
Acq On : 29 Nov 2010 11:04 pm Operator: larisap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4370 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 09:02:43 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 09:02:40 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	2-Nitrophenol	4.23	139	206567	55.95	ppb		85
30)	2,4-Dimethylphenol	4.38	107	389218	58.46	ppb		93
31)	Benzoic acid	4.68	105	270417	51.85	ppb		98
32)	bis(2-Chloroethoxy)methane	4.48	93	470824	50.02	ppb		99
33)	2,4-Dichlorophenol	4.58	162	375956	56.24	ppb		98
34)	2,6-Dichlorophenol	4.90	162	347715	53.04	ppb		99
35)	1,3,5-Trichlorobenzene	4.23	180	386411	48.43	ppb		99
36)	1,2,4-Trichlorobenzene	4.66	180	377927	47.16	ppb		99
37)	1,2,3-Trichlorobenzene	4.99	180	383460	48.92	ppb		97
38)	Naphthalene	4.72	128	1091188	46.96	ppb		100
39)	4-Chloroaniline	4.90	127	446898	47.46	ppb		94
40)	2,3-Dichloroaniline	6.25	161	429369	51.78	ppb		97
41)	Caprolactam	5.41	55	266077	61.73	ppb		95
42)	Hexachlorobutadiene	5.02	225	229433	49.32	ppb		97
43)	4-Chloro-3-methylphenol	5.74	107	354442	55.01	ppb	#	1
44)	2-Methylnaphthalene	5.74	142	991326	59.44	ppb		86
45)	1-Methylnaphthalene	5.90	142	782603	50.04	ppb		97
46)	Dimethylnaphthalene	6.71	156	723100	51.27	ppb		95
48)	Hexachlorocyclopentadiene	6.11	237	407599	114.05	ppb		99
49)	2,4,6-Trichlorophenol	6.28	196	276045	49.54	ppb		99
50)	2,4,5-Trichlorophenol	6.35	196	258281	41.40	ppb		98
52)	2-Chloronaphthalene	6.46	162	784641	43.74	ppb		98
53)	Biphenyl	6.50	154	963331	45.10	ppb		99
54)	2-Nitroaniline	6.75	65	288389	60.51	ppb		90
55)	Dimethylphthalate	7.13	163	910053	45.62	ppb		99
56)	Acenaphthylene	7.09	152	1293784	46.09	ppb		99
57)	2,6-Dinitrotoluene	7.21	165	217895	56.13	ppb		95
58)	3-Nitroaniline	7.41	138	228627	53.15	ppb		97
59)	Acenaphthene	7.39	153	769830	53.62	ppb		97
60)	2,4-Dinitrophenol	7.58	184	273173	122.98	ppb		74
61)	4-Nitrophenol	7.84	109	134104	65.75	ppb	#	79
62)	Dibenzofuran	7.64	168	1149176	46.30	ppb		98
63)	2,4-Dinitrotoluene	7.82	165	307051	58.50	ppb		91
64)	2,3,4,6-Tetrachlorophenol	7.97	232	259627	49.96	ppb	#	13
65)	Diethylphthalate	8.26	149	862673	47.68	ppb		100
66)	Fluorene	8.18	166	955852	46.66	ppb		98
67)	4-Chlorophenyl-phenylether	8.25	204	447511	46.76	ppb		92
68)	4-Nitroaniline	8.38	138	251494	51.79	ppb		83
70)	4,6-Dinitro-2-methylphenol	8.45	198	201611	57.28	ppb	#	93
71)	n-Nitrosodiphenylamine	8.47	169	626973	43.16	ppb		99
72)	1,2-Diphenylhydrazine	8.48	77	965567	47.31	ppb		95
74)	4-Bromophenyl-phenylether	8.99	248	291087	45.90	ppb		94
75)	Hexachlorobenzene	9.16	284	289625	46.16	ppb		92
76)	Pentachlorophenol	9.50	266	359909	97.67	ppb		100
77)	Phenanthrene	9.65	178	1346902	50.77	ppb		100
78)	Anthracene	9.72	178	1276024	50.37	ppb		99
79)	Carbazole	10.05	167	1296225	45.49	ppb		98
80)	Di-n-butylphthalate	10.83	149	1587702	47.78	ppb		99
81)	Fluoranthene	11.48	202	1580629	45.49	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93515.D Vial: 2
Acq On : 29 Nov 2010 11:04 pm Operator: larisap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4370 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 09:02:43 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 09:02:40 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

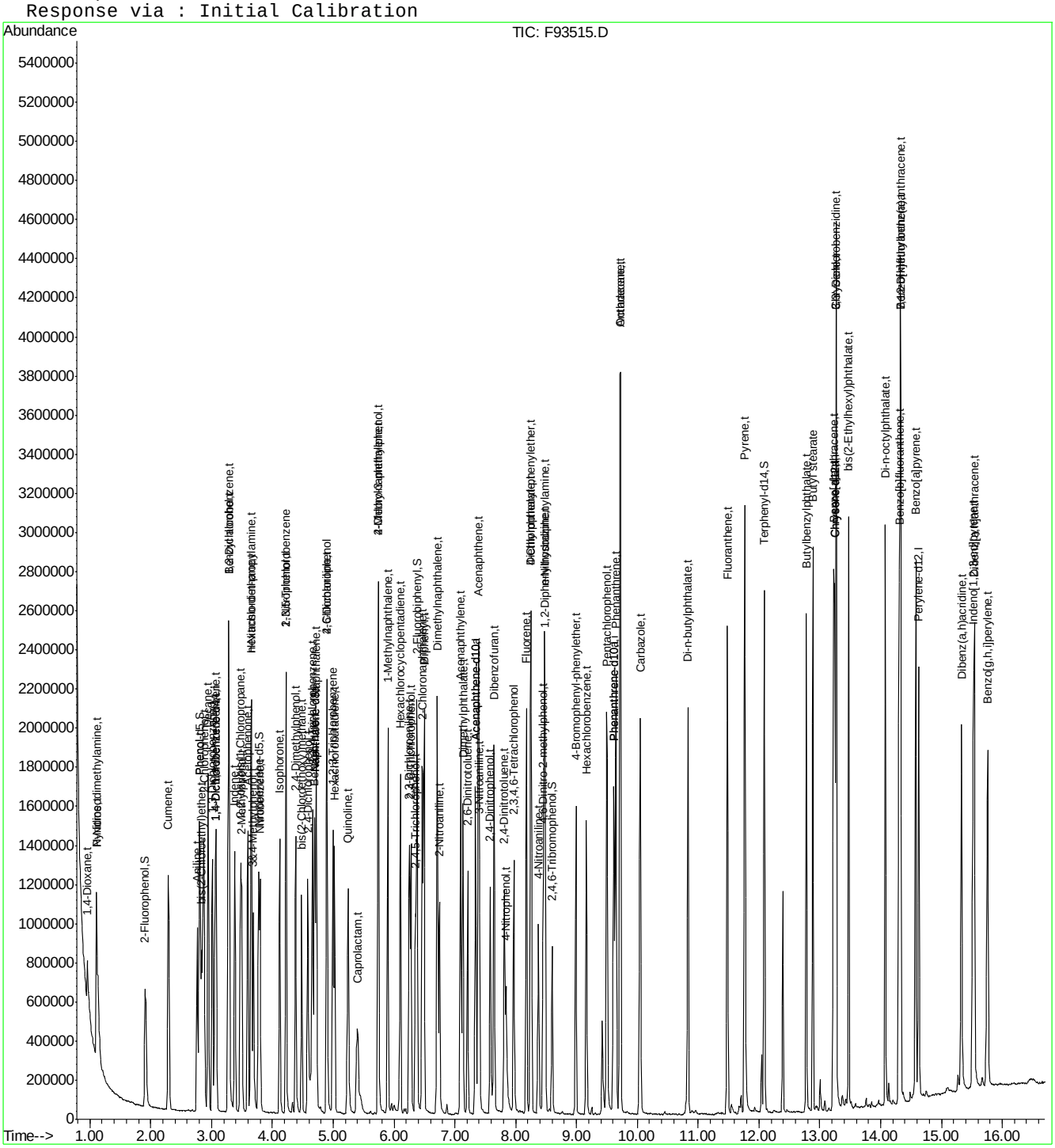
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
82)	Octadecane	9.72	57	596771	47.82	ppb	91
84)	Pyrene	11.77	202	1608410	46.77	ppb	99
86)	Butylbenzylphthalate	12.78	149	707794	53.24	ppb	95
87)	Butyl stearate	12.89	56	493316	51.31	ppb	98
88)	Benzo[a]anthracene	13.23	228	1479820	47.84	ppb	98
89)	3,3'-Dichlorobenzidine	13.27	252	519277	48.98	ppb	98
90)	Chrysene	13.28	228	1288594	50.99	ppb	98
91)	bis(2-Ethylhexyl)phthalate	13.48	149	942010	51.13	ppb	99
93)	Di-n-octylphthalate	14.08	149	1663861	55.38	ppb	97
94)	Benzo[b]fluoranthene	14.31	252	1606516m	57.26	ppb	
95)	Benzo[k]fluoranthene	14.33	252	1215454m	41.70	ppb	
96)	Benzo[a]pyrene	14.58	252	1400909	50.38	ppb	98
97)	Indeno[1,2,3-cd]pyrene	15.52	276	1386926	45.89	ppb	91
98)	Dibenz(a,h)acridine	15.33	279	1109744	51.51	ppb	100
99)	Dibenz[a,h]anthracene	15.54	278	1115648	45.48	ppb	97
100)	7,12-Dimethylbenz(a)anthra	14.33	256	543558	47.68	ppb	98
101)	Benzo[g,h,i]perylene	15.76	276	1194396	44.74	ppb	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93515.D Vial: 2
Acq On : 29 Nov 2010 11:04 pm Operator: larisap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4370 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 9:04 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 09:02:40 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES
JA62028

Manual Integration Approval Summary

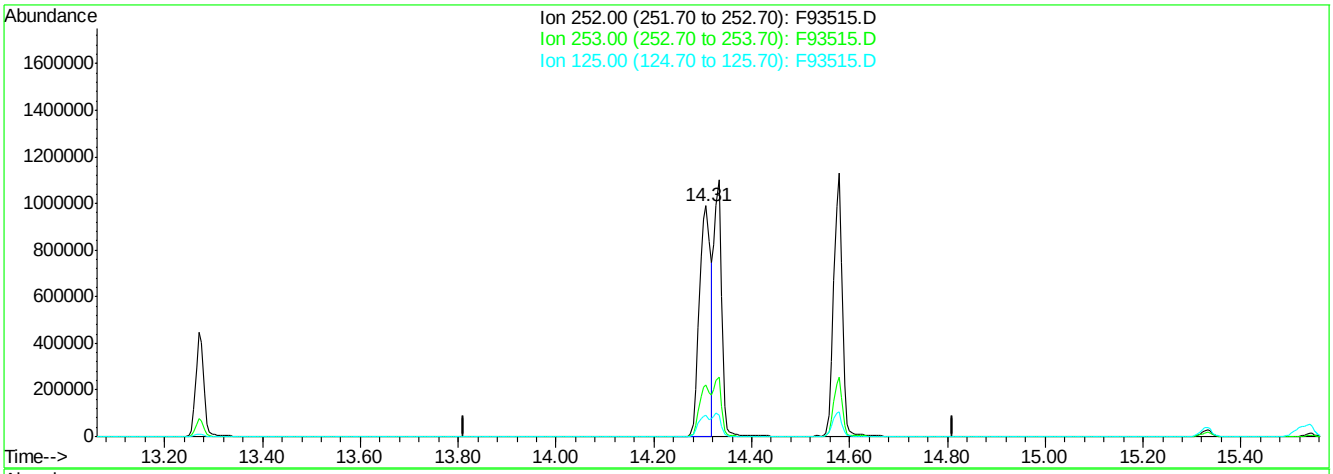
Sample Number: EF4370-CC4329 **Method:** SW846 8270C
Lab FileID: F93515.D **Analyst approved:** 11/30/10 12:31 Nina Pandya
Injection Time: 11/29/10 23:04 **Supervisor approved:** 12/01/10 12:56 Kristi Schollenberger

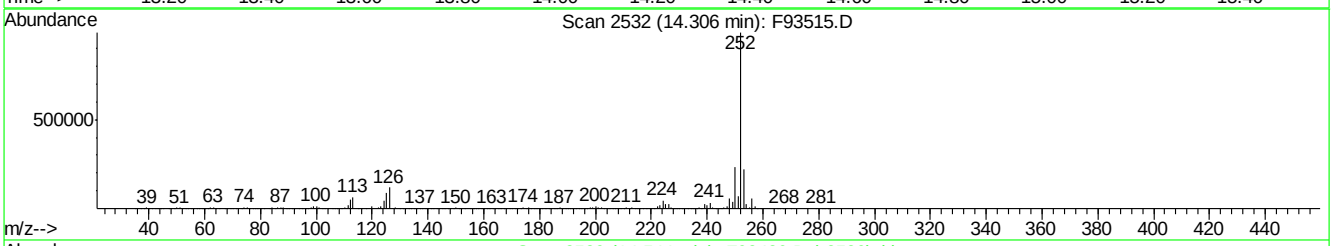
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		14.31	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.33	Overlapping peak

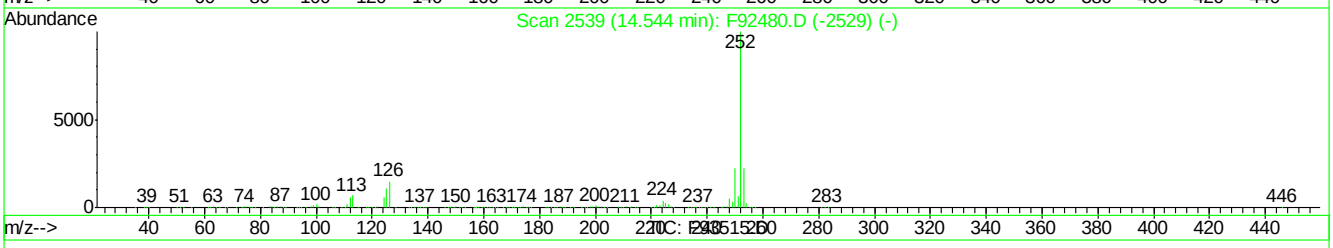
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93515.D Vial: 2
Acq On : 29 Nov 2010 11:04 pm Operator: larisap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4370 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 9:04 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 09:02:40 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.31min 57.26ppb m

response 1606516

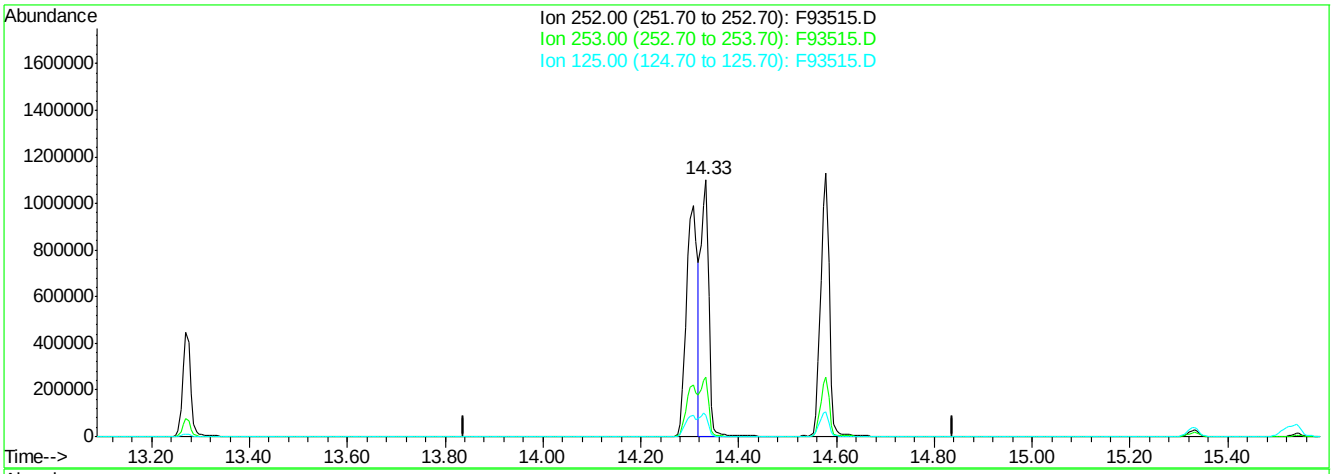
Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.57
125.00	9.60	9.09
0.00	0.00	0.00

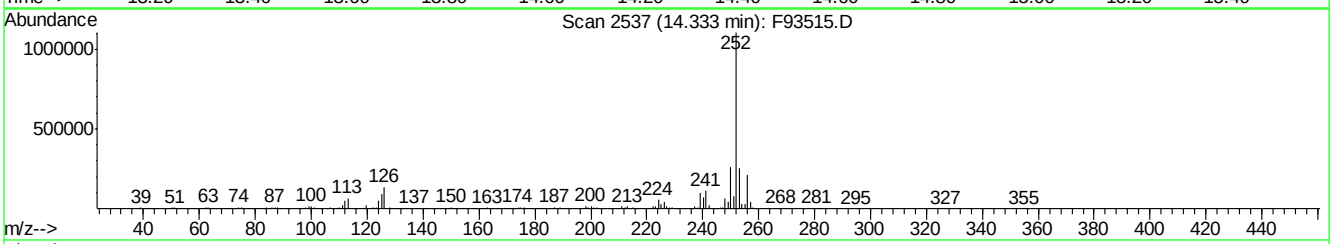
F93515.D MF4329.M Tue Nov 30 09:04:14 2010 GCMS3A

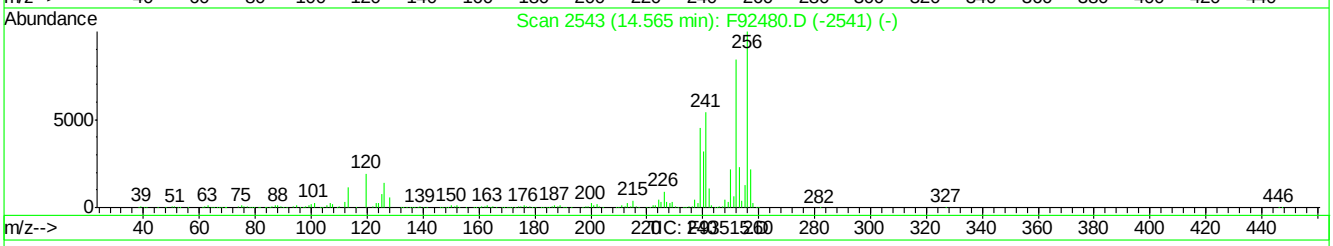
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93515.D Vial: 2
Acq On : 29 Nov 2010 11:04 pm Operator: larisap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4370 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 9:04 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 09:02:40 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.33min 41.70ppb m

response 1215454

Ion	Exp%	Act%
252.00	100	100
253.00	25.20	23.18
125.00	11.30	8.35
0.00	0.00	0.00

F93515.D MF4329.M Tue Nov 30 09:04:25 2010 GCMS3A

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93516.D Vial: 3
Acq On : 29 Nov 2010 11:28 pm Operator: larisap
Sample : cc4330-25 Inst : MSF
Misc : op46937,ef4370,tcl42 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 29 23:45:30 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

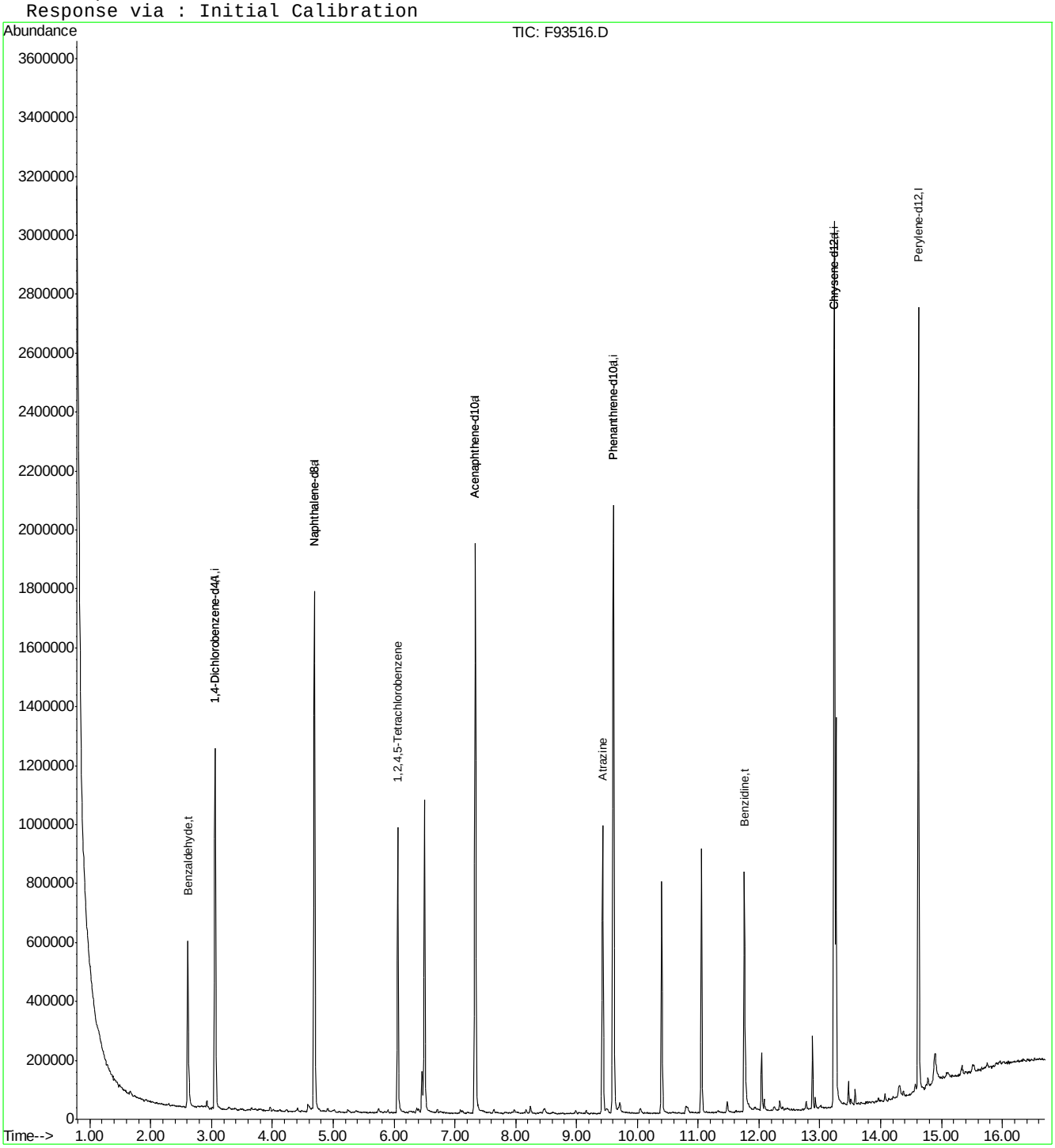
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.06	152	287532	40.00	ppb	-0.02
24) Naphthalene-d8	4.69	136	1054831	40.00	ppb	-0.03
47) Acenaphthene-d10	7.33	164	682619	40.00	ppb	-0.03
69) Phenanthrene-d10	9.60	188	1211996	40.00	ppb	-0.03
83) Chrysene-d12	13.24	240	1398647	40.00	ppb	-0.02
92) Perylene-d12	14.62	264	1241546	40.00	ppb	-0.02
102) 1,4-Dichlorobenzene-d4A	3.06	152	287532	40.00	ppb	-0.02
104) Acenaphthene-d10a	7.33	164	682619	40.00	ppb	-0.03
106) Phenanthrene-d10a	9.60	188	1211996	40.00	ppb	-0.03
108) Chrysene-d12a	13.24	240	1398647	40.00	ppb	-0.02
110) Naphthalene-d8a	4.69	136	1054831	40.00	ppb	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.61	105	167647	24.94	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.06	216	266000	28.06	ppb	99
107) Atrazine	9.43	200	175512	30.85	ppb	# 100
109) Benzidine	11.76	184	511680	31.27	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4370\F93516.D Vial: 3
Acq On : 29 Nov 2010 11:28 pm Operator: larisap
Sample : cc4330-25 Inst : MSF
Misc : op46937,ef4370,tcl42 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 9:05 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 09:02:40 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Manual Integrations APPROVED (compounds with "m" flag)
Kristi Schollenberger 12/01/10 12:54

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93542.D Vial: 2
Acq On : 30 Nov 2010 12:07 pm Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 12:30:09 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 12:30:00 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.04	152	205353	40.00	ppb	-0.04
24) Naphthalene-d8	4.68	136	745167	40.00	ppb	-0.05
47) Acenaphthene-d10	7.31	164	538838	40.00	ppb	-0.05
69) Phenanthrene-d10	9.59	188	956081	40.00	ppb	-0.05
83) Chrysene-d12	13.22	240	1065004	40.00	ppb	-0.04
92) Perylene-d12	14.61	264	950586	40.00	ppb	-0.03
102) 1,4-Dichlorobenzene-d4A	3.04	152	205353	40.00	ppb	-0.04
104) Acenaphthene-d10a	7.31	164	538838	40.00	ppb	-0.05
106) Phenanthrene-d10a	9.59	188	956081	40.00	ppb	-0.05
108) Chrysene-d12a	13.22	240	1065004	40.00	ppb	-0.04
110) Naphthalene-d8a	4.68	136	745167	40.00	ppb	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	1.91	112	306931	45.84	ppb	-0.02
Spiked Amount 50.000			Recovery =	91.68%		
8) Phenol-d5	2.80	99	411571	50.65	ppb	-0.01
Spiked Amount 50.000			Recovery =	101.30%		
25) Nitrobenzene-d5	3.76	82	413485	56.17	ppb	-0.04
Spiked Amount 50.000			Recovery =	112.34%		
51) 2-Fluorobiphenyl	6.35	172	837154	43.48	ppb	-0.05
Spiked Amount 50.000			Recovery =	86.96%		
73) 2,4,6-Tribromophenol	8.58	330	126761	55.03	ppb	-0.04
Spiked Amount 50.000			Recovery =	110.06%		
85) Terphenyl-d14	12.06	244	960664	44.42	ppb	-0.04
Spiked Amount 50.000			Recovery =	88.84%		
Target Compounds						Qvalue
2) 1,4-Dioxane	0.95	88	147161m	43.45	ppb	
3) Pyridine	1.11	79	316040m	39.31	ppb	
4) N-Nitrosodimethylamine	1.10	74	191388	39.47	ppb	# 54
6) Indene	3.37	116	490046	48.89	ppb	99
7) Cumene	2.28	105	671297	48.96	ppb	96
9) Phenol	2.81	94	439591	49.94	ppb	92
10) Aniline	2.75	93	402671	41.81	ppb	68
11) bis(2-Chloroethyl)ether	2.82	93	327512	45.08	ppb	90
12) 2-Chlorophenol	2.87	128	327491	49.65	ppb	92
13) Decane	2.93	43	489046	61.86	ppb	86
14) 1,3-Dichlorobenzene	3.00	146	398312	48.32	ppb	98
15) 1,4-Dichlorobenzene	3.06	146	388949	48.76	ppb	99
16) Benzyl alcohol	3.28	108	225247	54.17	ppb	81
17) 1,2-Dichlorobenzene	3.27	146	354013	46.65	ppb	100
18) Acetophenone	3.58	105	481597	55.20	ppb	91
19) 2-Methylphenol	3.49	108	304410	53.53	ppb	97
20) 2,2'-oxybis(1-Chloropropan	3.46	121	114158	53.54	ppb	# 74
21) 3&4-Methylphenol	3.68	108	335913	58.61	ppb	99
22) n-Nitroso-di-n-propylamine	3.64	70	251770	53.54	ppb	85
23) Hexachloroethane	3.63	201	150549	53.12	ppb	99
26) Nitrobenzene	3.78	123	174939	51.53	ppb	82
27) Quinoline	5.23	129	690418	53.92	ppb	98
28) Isophorone	4.11	82	697225	50.86	ppb	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93542.D Vial: 2
Acq On : 30 Nov 2010 12:07 pm Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 12:30:09 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 12:30:00 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	2-Nitrophenol	4.21	139	188418	58.12	ppb		85
30)	2,4-Dimethylphenol	4.37	107	345036	59.03	ppb		88
31)	Benzoic acid	4.69	105	296382	62.60	ppb		90
32)	bis(2-Chloroethoxy)methane	4.47	93	416156	50.35	ppb		99
33)	2,4-Dichlorophenol	4.57	162	338100	57.60	ppb		98
34)	2,6-Dichlorophenol	4.88	162	320101	55.61	ppb		99
35)	1,3,5-Trichlorobenzene	4.21	180	347569	49.62	ppb		99
36)	1,2,4-Trichlorobenzene	4.64	180	348714	49.56	ppb		97
37)	1,2,3-Trichlorobenzene	4.97	180	341395	49.60	ppb		96
38)	Naphthalene	4.70	128	997555	48.90	ppb		100
39)	4-Chloroaniline	4.88	127	389245	47.08	ppb		95
40)	2,3-Dichloroaniline	6.24	161	389120	53.45	ppb		97
41)	Caprolactam	5.41	55	232368	61.40	ppb		90
42)	Hexachlorobutadiene	5.00	225	219875	53.83	ppb		97
43)	4-Chloro-3-methylphenol	5.73	107	328035	57.99	ppb	#	34
44)	2-Methylnaphthalene	5.72	142	958779	65.48	ppb		89
45)	1-Methylnaphthalene	5.87	142	702609	51.17	ppb		95
46)	Dimethylnaphthalene	6.68	156	645184	52.10	ppb		94
48)	Hexachlorocyclopentadiene	6.08	237	389995	119.67	ppb		99
49)	2,4,6-Trichlorophenol	6.26	196	260433	51.25	ppb		99
50)	2,4,5-Trichlorophenol	6.34	196	276313	48.57	ppb		100
52)	2-Chloronaphthalene	6.44	162	720605	44.06	ppb		97
53)	Biphenyl	6.47	154	876189	44.99	ppb		100
54)	2-Nitroaniline	6.73	65	253133	58.24	ppb		88
55)	Dimethylphthalate	7.11	163	868229	47.73	ppb		99
56)	Acenaphthylene	7.07	152	1196486	46.75	ppb		98
57)	2,6-Dinitrotoluene	7.19	165	200017	56.51	ppb		94
58)	3-Nitroaniline	7.39	138	212218	54.10	ppb		97
59)	Acenaphthene	7.36	153	733908	56.17	ppb		98
60)	2,4-Dinitrophenol	7.57	184	246433	121.77	ppb		78
61)	4-Nitrophenol	7.87	109	96306	51.78	ppb	#	75
62)	Dibenzofuran	7.62	168	1068327	47.20	ppb		89
63)	2,4-Dinitrotoluene	7.80	165	289008	60.38	ppb		89
64)	2,3,4,6-Tetrachlorophenol	7.95	232	244791	51.66	ppb	#	12
65)	Diethylphthalate	8.23	149	838154	50.80	ppb		98
66)	Fluorene	8.15	166	874392	46.81	ppb		97
67)	4-Chlorophenyl-phenylether	8.22	204	422526	48.41	ppb		89
68)	4-Nitroaniline	8.36	138	219640	49.60	ppb		76
70)	4,6-Dinitro-2-methylphenol	8.43	198	188940	58.28	ppb	#	86
71)	n-Nitrosodiphenylamine	8.45	169	591043	44.22	ppb		97
72)	1,2-Diphenylhydrazine	8.46	77	914032	48.68	ppb		94
74)	4-Bromophenyl-phenylether	8.97	248	274391	47.03	ppb		95
75)	Hexachlorobenzene	9.14	284	270155	46.80	ppb		96
76)	Pentachlorophenol	9.48	266	340755	100.51	ppb		100
77)	Phenanthrene	9.62	178	1276201	52.33	ppb		99
78)	Anthracene	9.69	178	1228865	52.87	ppb		99
79)	Carbazole	10.03	167	1234659	47.10	ppb		97
80)	Di-n-butylphthalate	10.81	149	1526083	49.92	ppb		99
81)	Fluoranthene	11.46	202	1501845	46.98	ppb		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93542.D Vial: 2
Acq On : 30 Nov 2010 12:07 pm Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 12:30:09 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 12:30:00 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

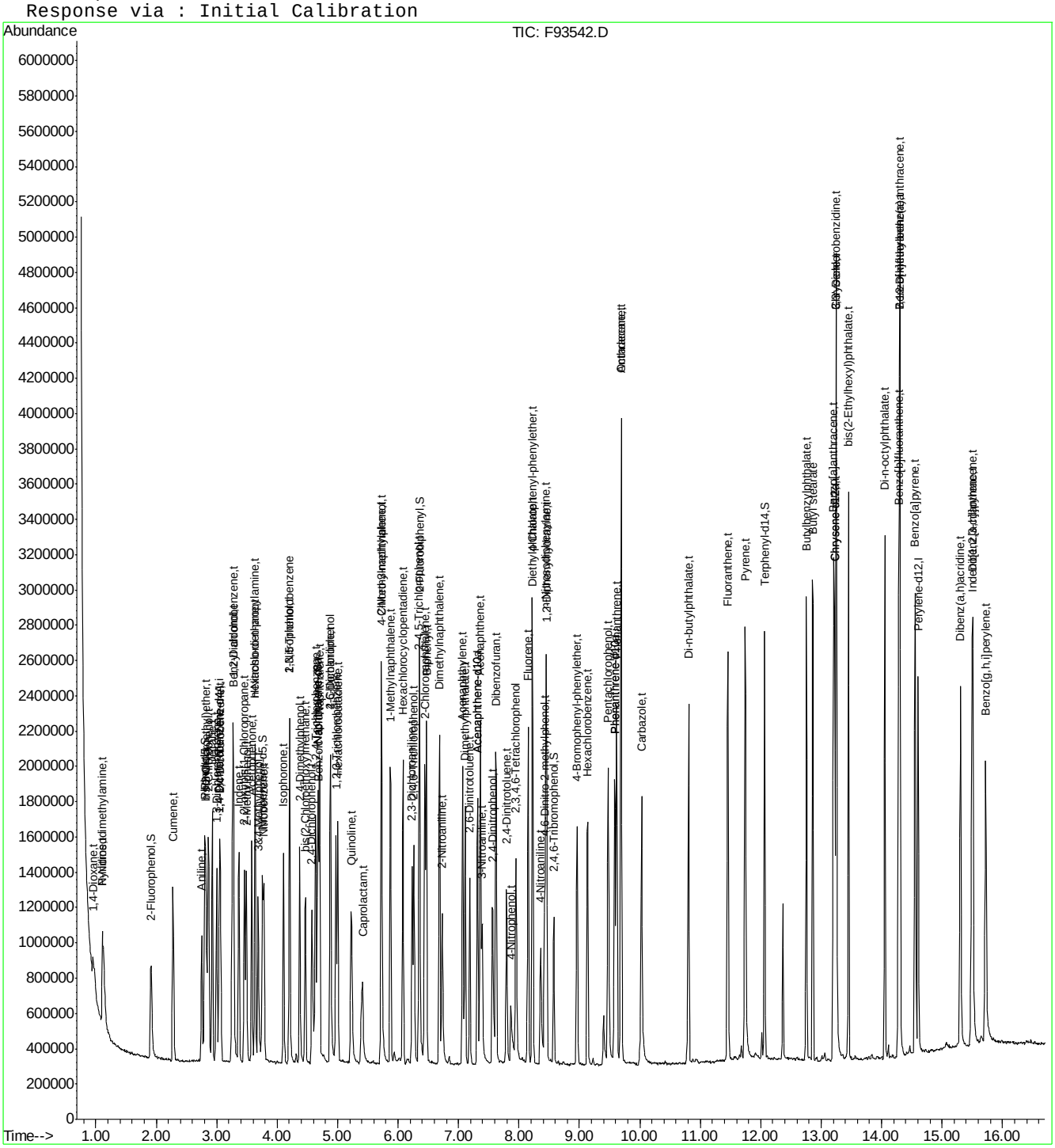
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
82)	Octadecane	9.69	57	576934	50.25	ppb	88
84)	Pyrene	11.74	202	1544027	45.60	ppb	100
86)	Butylbenzylphthalate	12.76	149	689142	52.64	ppb	98
87)	Butyl stearate	12.86	56	448508	47.38	ppb	97
88)	Benzo[a]anthracene	13.21	228	1424438	46.77	ppb	99
89)	3,3'-Dichlorobenzidine	13.25	252	518823	49.70	ppb	98
90)	Chrysene	13.25	228	1301327	52.35	ppb	98
91)	bis(2-Ethylhexyl)phthalate	13.45	149	936160	51.61	ppb	99
93)	Di-n-octylphthalate	14.05	149	1716725	56.25	ppb	98
94)	Benzo[b]fluoranthene	14.28	252	1458786m	51.18	ppb	
95)	Benzo[k]fluoranthene	14.31	252	1428414m	50.48	ppb	
96)	Benzo[a]pyrene	14.55	252	1422096	50.34	ppb	98
97)	Indeno[1,2,3-cd]pyrene	15.49	276	1502356	48.94	ppb	86
98)	Dibenz(a,h)acridine	15.31	279	1156060	52.82	ppb	100
99)	Dibenz[a,h]anthracene	15.52	278	1225444	49.17	ppb	94
100)	7,12-Dimethylbenz(a)anthra	14.30	256	562357	48.56	ppb	96
101)	Benzo[g,h,i]perylene	15.73	276	1305838	48.15	ppb	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93542.D Vial: 2
Acq On : 30 Nov 2010 12:07 pm Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 12:38 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 12:30:00 2010
Response via : Initial Calibration



Manual Integration Approval Summary

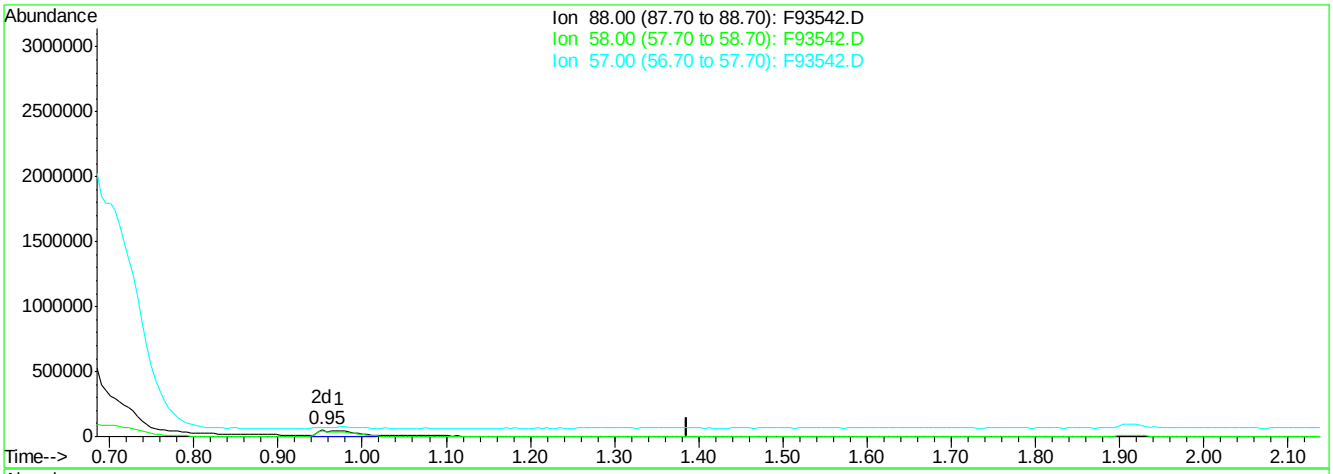
Sample Number:	EF4371-CC4329	**Method:**	SW846 8270C
Lab FileID:	F93542.D	**Analyst approved:**	11/30/10 15:39 Nina Pandya
Injection Time:	11/30/10 12:07	**Supervisor approved:**	12/01/10 12:54 Kristi Schollenberger

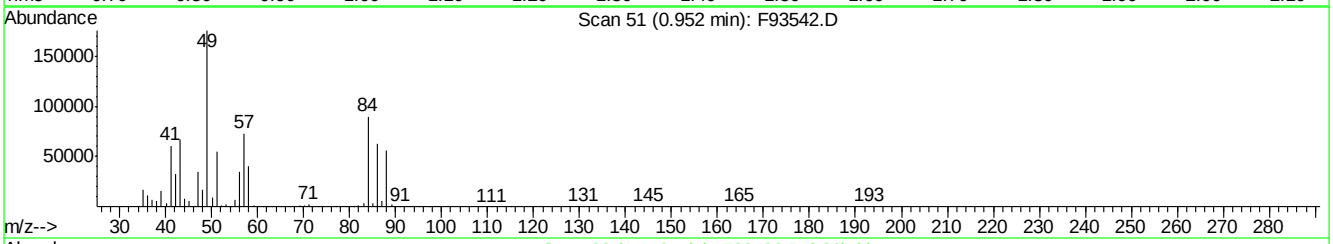
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dioxane	123-91-1		0.95	Poorly defined baseline
Pyridine	110-86-1		1.11	Poorly defined baseline
Benzo(b)fluoranthene	205-99-2		14.28	Overlapping peak
Benzo(k)fluoranthene	207-08-9		14.31	Overlapping peak

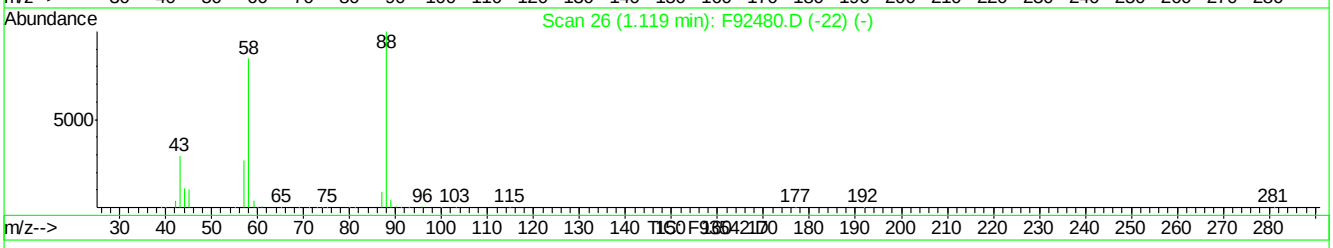
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93542.D Vial: 2
Acq On : 30 Nov 2010 12:07 pm Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 12:36 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 12:30:00 2010
Response via : Multiple Level Calibration







(2) 1,4-Dioxane (t)

0.95min 43.45ppb m

response 147161

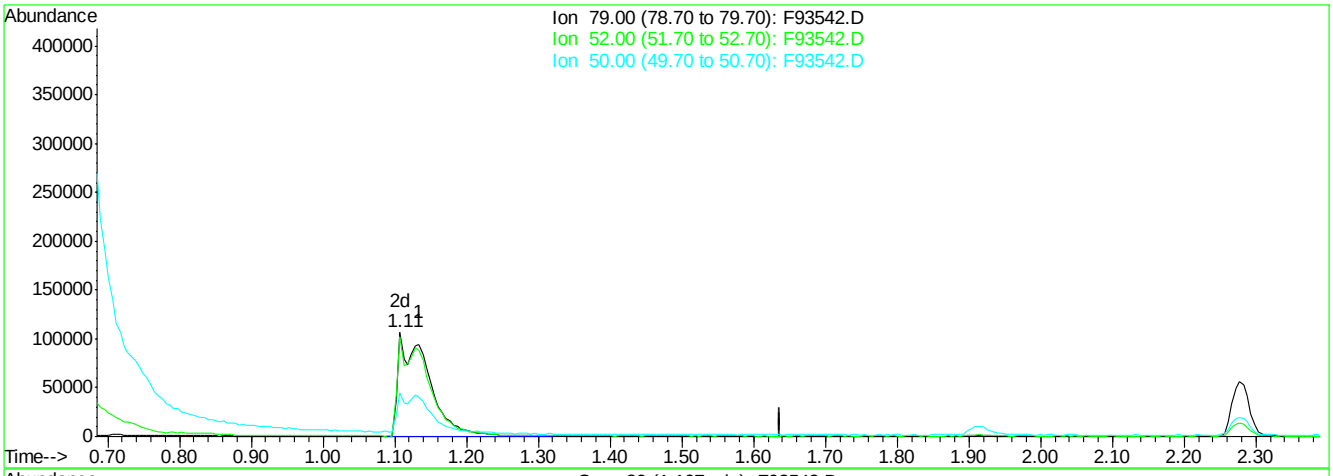
Ion	Exp%	Act%
88.00	100	100
58.00	60.60	42.37
57.00	26.00	18.00
0.00	0.00	0.00

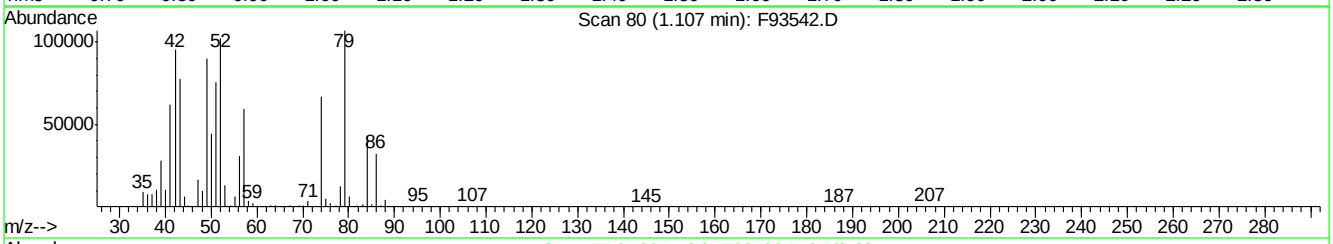
F93542.D MF4329.M Tue Nov 30 12:36:16 2010 GCMS3A

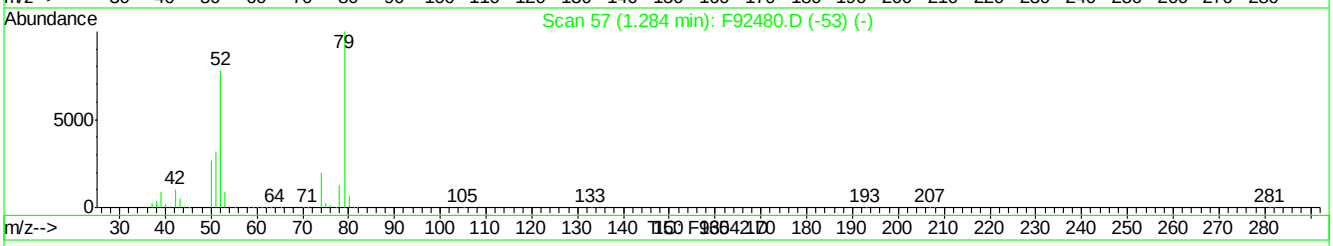
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93542.D Vial: 2
Acq On : 30 Nov 2010 12:07 pm Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 12:36 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 12:30:00 2010
Response via : Multiple Level Calibration







(3) Pyridine (t)

1.11min 39.31ppb m

response 316040

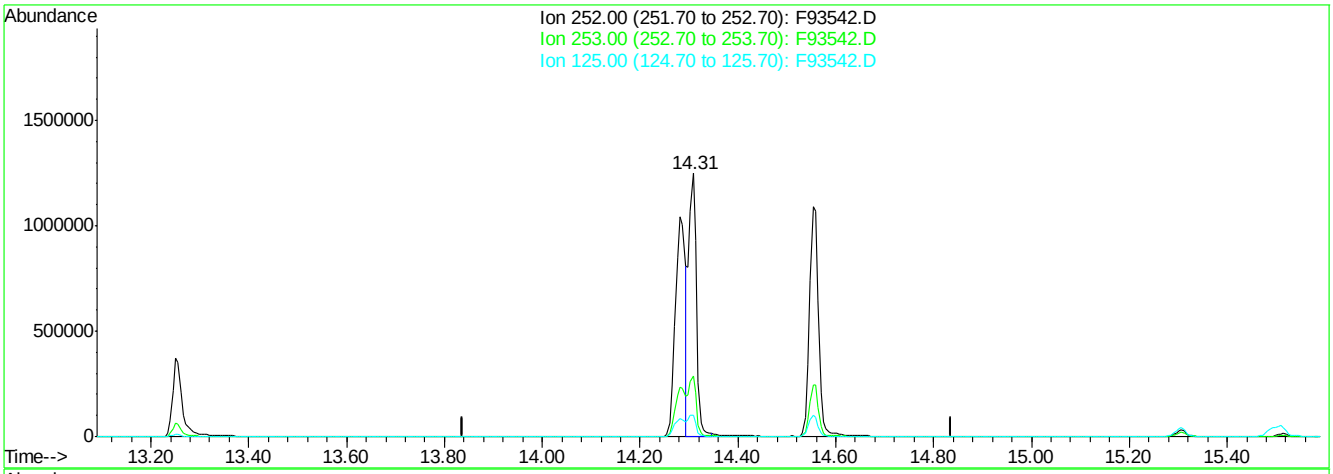
Ion	Exp%	Act%
79.00	100	100
52.00	78.10	95.38
50.00	27.30	41.43
0.00	0.00	0.00

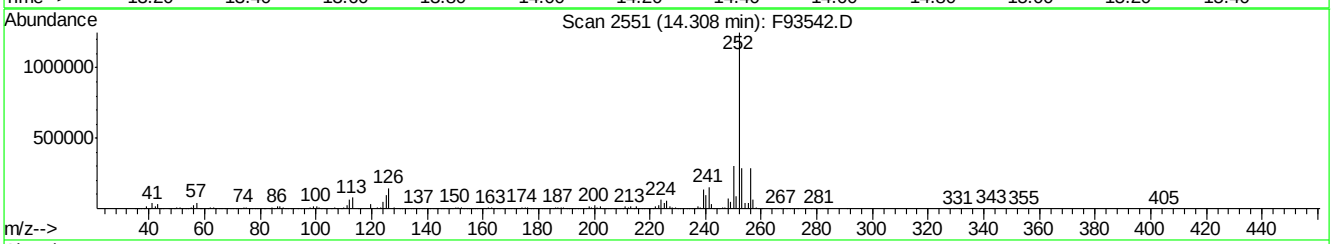
F93542.D MF4329.M Tue Nov 30 12:36:29 2010 GCMS3A

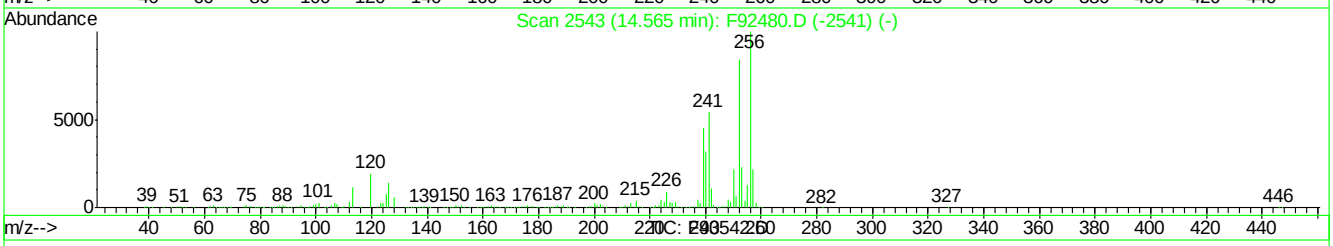
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93542.D Vial: 2
Acq On : 30 Nov 2010 12:07 pm Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 12:37 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 12:30:00 2010
Response via : Multiple Level Calibration







(95) Benzo[k]fluoranthene (t)

14.31min 50.48ppb m

response 1428414

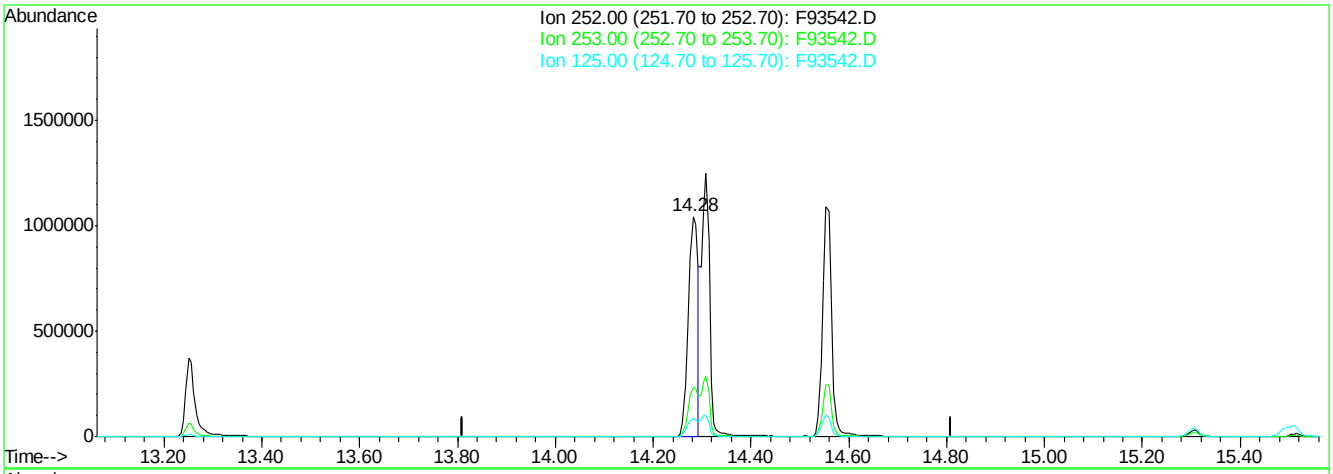
Ion	Exp%	Act%
252.00	100	100
253.00	25.20	22.85
125.00	11.30	7.93
0.00	0.00	0.00

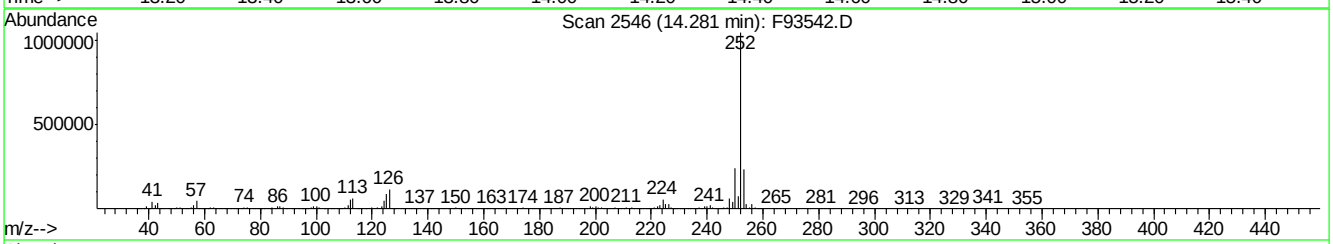
F93542.D MF4329.M Tue Nov 30 12:37:40 2010 GCMS3A

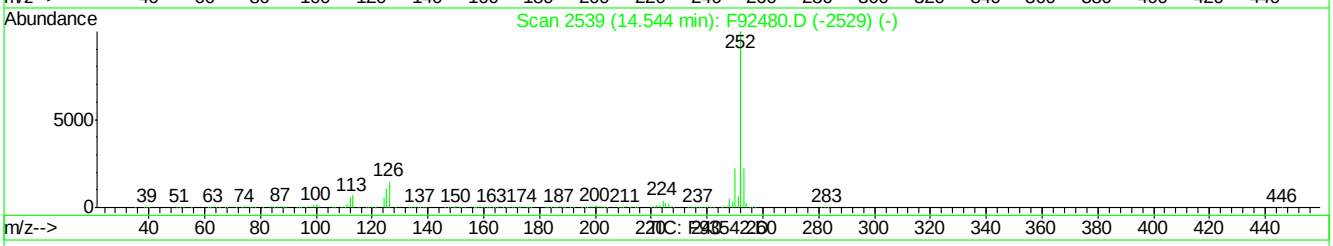
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93542.D Vial: 2
Acq On : 30 Nov 2010 12:07 pm Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46937,ef4371 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 12:37 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Tue Nov 30 12:30:00 2010
Response via : Multiple Level Calibration







(94) Benzo[b]fluoranthene (t)

14.28min 51.18ppb m

response 1458786

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.47
125.00	9.60	8.19
0.00	0.00	0.00

F93542.D MF4329.M Tue Nov 30 12:37:57 2010 GCMS3A

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93543.D Vial: 3
Acq On : 30 Nov 2010 12:35 pm Operator: ninap
Sample : cc4330-25 Inst : MSF
Misc : op46937,ef4371,tcl42 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 13:25:30 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

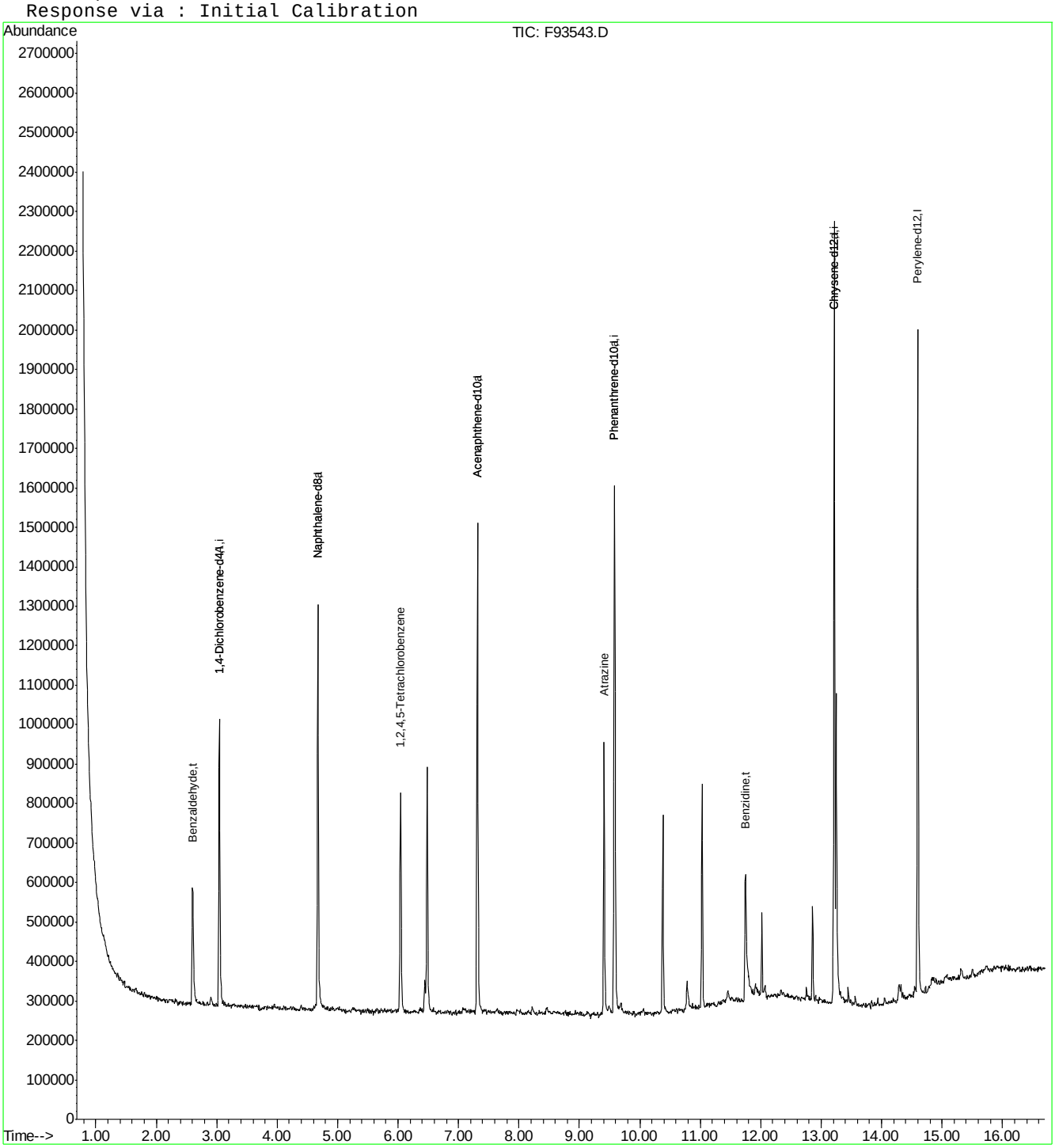
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.04	152	187998	40.00	ppb	-0.04
24) Naphthalene-d8	4.68	136	670712	40.00	ppb	-0.05
47) Acenaphthene-d10	7.31	164	453111	40.00	ppb	-0.05
69) Phenanthrene-d10	9.58	188	806474	40.00	ppb	-0.06
83) Chrysene-d12	13.22	240	949460	40.00	ppb	-0.04
92) Perylene-d12	14.60	264	819388	40.00	ppb	-0.04
102) 1,4-Dichlorobenzene-d4A	3.04	152	187998	40.00	ppb	-0.04
104) Acenaphthene-d10a	7.31	164	453111	40.00	ppb	-0.05
106) Phenanthrene-d10a	9.58	188	806474	40.00	ppb	-0.06
108) Chrysene-d12a	13.22	240	949460	40.00	ppb	-0.04
110) Naphthalene-d8a	4.68	136	670712	40.00	ppb	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0d	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.60	105	99901	22.73	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.04	216	172664	27.44	ppb	97
107) Atrazine	9.41	200	119791	31.64	ppb	# 100
109) Benzidine	11.75	184	315637	28.41	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4371\F93543.D Vial: 3
Acq On : 30 Nov 2010 12:35 pm Operator: ninap
Sample : cc4330-25 Inst : MSF
Misc : op46937,ef4371,tcl42 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 13:25 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93602.D Vial: 2
Acq On : 2 Dec 2010 7:58 am Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46967,ef4373 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 02 08:20:15 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 08:20:11 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.02	152	266347	40.00	ppb		-0.06
24) Naphthalene-d8	4.65	136	964079	40.00	ppb		-0.07
47) Acenaphthene-d10	7.29	164	694345	40.00	ppb		-0.08
69) Phenanthrene-d10	9.56	188	1160826	40.00	ppb		-0.08
83) Chrysene-d12	13.21	240	1198508	40.00	ppb		-0.05
92) Perylene-d12	14.59	264	1035555	40.00	ppb		-0.05
102) 1,4-Dichlorobenzene-d4A	3.02	152	266347	40.00	ppb		-0.06
104) Acenaphthene-d10a	7.29	164	694345	40.00	ppb		-0.08
106) Phenanthrene-d10a	9.56	188	1160826	40.00	ppb		-0.08
108) Chrysene-d12a	13.21	240	1198508	40.00	ppb		-0.05
110) Naphthalene-d8a	4.65	136	964079	40.00	ppb		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	1.90	112	432817	49.84	ppb		-0.03
Spiked Amount 50.000			Recovery = 99.68%				
8) Phenol-d5	2.78	99	565746	53.68	ppb		-0.03
Spiked Amount 50.000			Recovery = 107.36%				
25) Nitrobenzene-d5	3.74	82	530420	55.70	ppb		-0.06
Spiked Amount 50.000			Recovery = 111.40%				
51) 2-Fluorobiphenyl	6.33	172	1019663	41.10	ppb		-0.07
Spiked Amount 50.000			Recovery = 82.20%				
73) 2,4,6-Tribromophenol	8.55	330	153208	54.78	ppb		-0.06
Spiked Amount 50.000			Recovery = 109.56%				
85) Terphenyl-d14	12.04	244	1184306	48.66	ppb		-0.06
Spiked Amount 50.000			Recovery = 97.32%				
Target Compounds							Qvalue
2) 1,4-Dioxane	0.96	88	183608	41.79	ppb		85
3) Pyridine	1.11	79	449811	43.13	ppb		81
4) N-Nitrosodimethylamine	1.10	74	278211	44.24	ppb	#	64
6) Indene	3.34	116	654253	50.32	ppb		99
7) Cumene	2.26	105	937803	52.74	ppb		97
9) Phenol	2.80	94	581835	50.97	ppb		88
10) Aniline	2.73	93	725540	58.09	ppb		74
11) bis(2-Chloroethyl)ether	2.80	93	410354	43.55	ppb		91
12) 2-Chlorophenol	2.85	128	430778	50.35	ppb		91
13) Decane	2.90	43	624844	60.94	ppb		87
14) 1,3-Dichlorobenzene	2.98	146	526030	49.20	ppb		95
15) 1,4-Dichlorobenzene	3.04	146	508633	49.16	ppb		99
16) Benzyl alcohol	3.26	108	307247	56.97	ppb		96
17) 1,2-Dichlorobenzene	3.25	146	466888	47.43	ppb		100
18) Acetophenone	3.56	105	667180	58.96	ppb		94
19) 2-Methylphenol	3.47	108	436011	59.12	ppb		97
20) 2,2'-oxybis(1-Chloropropan	3.44	121	157828	57.07	ppb	#	73
21) 3&4-Methylphenol	3.67	108	446957	60.19	ppb		100
22) n-Nitroso-di-n-propylamine	3.62	70	335768	55.05	ppb		83
23) Hexachloroethane	3.61	201	195527	53.20	ppb		98
26) Nitrobenzene	3.76	123	237317	54.03	ppb		86
27) Quinoline	5.19	129	915880	55.29	ppb		97
28) Isophorone	4.08	82	999524	56.36	ppb		94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93602.D Vial: 2
Acq On : 2 Dec 2010 7:58 am Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46967,ef4373 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 02 08:20:15 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 08:20:11 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	2-Nitrophenol	4.18	139	247264	58.96	ppb		78
30)	2,4-Dimethylphenol	4.35	107	485516	64.20	ppb		93
31)	Benzoic acid	4.67	105	388071	63.23	ppb		84
32)	bis(2-Chloroethoxy)methane	4.44	93	572748	53.56	ppb		98
33)	2,4-Dichlorophenol	4.56	162	450513	59.33	ppb		96
34)	2,6-Dichlorophenol	4.86	162	406798	54.63	ppb		99
35)	1,3,5-Trichlorobenzene	4.18	180	451609	49.83	ppb		98
36)	1,2,4-Trichlorobenzene	4.61	180	453647	49.83	ppb		98
37)	1,2,3-Trichlorobenzene	4.95	180	445023	49.98	ppb		96
38)	Naphthalene	4.68	128	1294261	49.04	ppb		100
39)	4-Chloroaniline	4.86	127	563191	52.65	ppb		94
40)	2,3-Dichloroaniline	6.21	161	521786	55.40	ppb		97
41)	Caprolactam	5.38	55	317344	64.81	ppb		91
42)	Hexachlorobutadiene	4.97	225	275434	52.12	ppb		98
43)	4-Chloro-3-methylphenol	5.72	107	429739	58.72	ppb		84
44)	2-Methylnaphthalene	5.70	142	1033901	54.58	ppb		87
45)	1-Methylnaphthalene	5.85	142	908376	51.13	ppb		97
46)	Dimethylnaphthalene	6.66	156	849630	53.03	ppb		98
48)	Hexachlorocyclopentadiene	6.05	237	507415	120.83	ppb		98
49)	2,4,6-Trichlorophenol	6.24	196	330264	50.44	ppb		99
50)	2,4,5-Trichlorophenol	6.33	196	330096	45.02	ppb		99
52)	2-Chloronaphthalene	6.42	162	923580	43.82	ppb		97
53)	Biphenyl	6.44	154	1108602	44.17	ppb		100
54)	2-Nitroaniline	6.71	65	326365	58.28	ppb		88
55)	Dimethylphthalate	7.09	163	1092457	46.61	ppb		99
56)	Acenaphthylene	7.04	152	1579819	47.90	ppb		99
57)	2,6-Dinitrotoluene	7.17	165	260717	57.16	ppb		92
58)	3-Nitroaniline	7.37	138	277974	54.99	ppb		96
59)	Acenaphthene	7.34	153	920073	54.58	ppb		99
60)	2,4-Dinitrophenol	7.54	184	311320	119.57	ppb		77
61)	4-Nitrophenol	7.86	109	122062	50.93	ppb	#	78
62)	Dibenzofuran	7.59	168	1331906	45.67	ppb		91
63)	2,4-Dinitrotoluene	7.77	165	369314	59.88	ppb		88
64)	2,3,4,6-Tetrachlorophenol	7.93	232	294613	48.25	ppb	#	11
65)	Diethylphthalate	8.21	149	1023185	48.13	ppb		98
66)	Fluorene	8.13	166	1124655	46.72	ppb		96
67)	4-Chlorophenyl-phenylether	8.20	204	521769	46.40	ppb		90
68)	4-Nitroaniline	8.34	138	286833	50.27	ppb		77
70)	4,6-Dinitro-2-methylphenol	8.40	198	223332	56.83	ppb	#	89
71)	n-Nitrosodiphenylamine	8.42	169	741765	45.71	ppb		98
72)	1,2-Diphenylhydrazine	8.44	77	1146561	50.29	ppb		97
74)	4-Bromophenyl-phenylether	8.94	248	339884	47.98	ppb		94
75)	Hexachlorobenzene	9.11	284	341003	48.65	ppb		93
76)	Pentachlorophenol	9.46	266	399169	96.98	ppb		99
77)	Phenanthrene	9.60	178	1548653	52.30	ppb		98
78)	Anthracene	9.67	178	1494986	52.98	ppb		99
79)	Carbazole	10.00	167	1524282	47.89	ppb		98
80)	Di-n-butylphthalate	10.78	149	1903361	51.28	ppb		99
81)	Fluoranthene	11.43	202	1823910	46.99	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93602.D Vial: 2
Acq On : 2 Dec 2010 7:58 am Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46967,ef4373 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 02 08:20:15 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 08:20:11 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

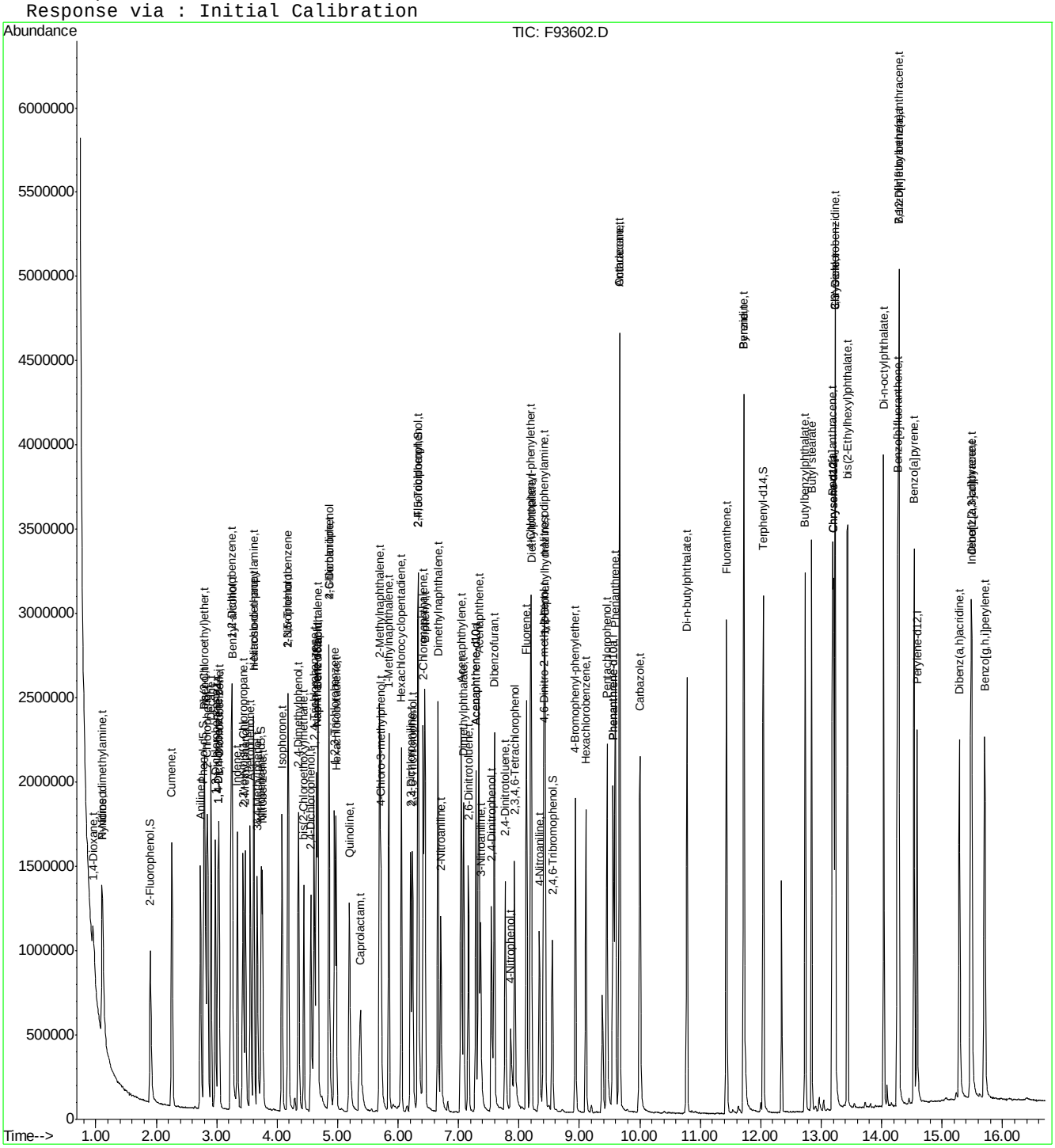
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
82)	Octadecane	9.67	57	704032	50.51	ppb	90
84)	Pyrene	11.72	202	1810340	47.51	ppb	98
86)	Butylbenzylphthalate	12.74	149	836766	56.80	ppb	97
87)	Butyl stearate	12.84	56	544036	51.07	ppb	98
88)	Benzo[a]anthracene	13.19	228	1679263	48.99	ppb	99
89)	3,3'-Dichlorobenzidine	13.23	252	582259	49.57	ppb	97
90)	Chrysene	13.23	228	1430768	51.10	ppb	99
91)	bis(2-Ethylhexyl)phthalate	13.44	149	1122065	54.97	ppb	99
93)	Di-n-octylphthalate	14.04	149	1949602	58.63	ppb	97
94)	Benzo[b]fluoranthene	14.27	252	1603490	51.64	ppb	99
95)	Benzo[k]fluoranthene	14.29	252	1495777	47.87	ppb	94
96)	Benzo[a]pyrene	14.54	252	1565495	50.87	ppb	99
97)	Indeno[1,2,3-cd]pyrene	15.48	276	1613373	48.24	ppb	91
98)	Dibenz(a,h)acridine	15.29	279	1244144	52.18	ppb	99
99)	Dibenz[a,h]anthracene	15.49	278	1310855	48.29	ppb	96
100)	7,12-Dimethylbenz(a)anthra	14.28	256	635377	50.36	ppb	97
101)	Benzo[g,h,i]perylene	15.71	276	1415544	47.91	ppb	93
109)	Benzidine	11.73	184	1016474	72.49	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93602.D Vial: 2
Acq On : 2 Dec 2010 7:58 am Operator: ninap
Sample : cc4329-50 Inst : MSF
Misc : op46967,ef4373 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 2 9:46 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 08:20:11 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93603.D Vial: 3
Acq On : 2 Dec 2010 8:26 am Operator: ninap
Sample : cc4330-25 Inst : MSF
Misc : op46967,ef4373,tcl42 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 02 08:43:15 2010 Quant Results File: MF4329.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Mon Nov 29 11:41:57 2010
Response via : Initial Calibration
DataAcq Meth : MF4329

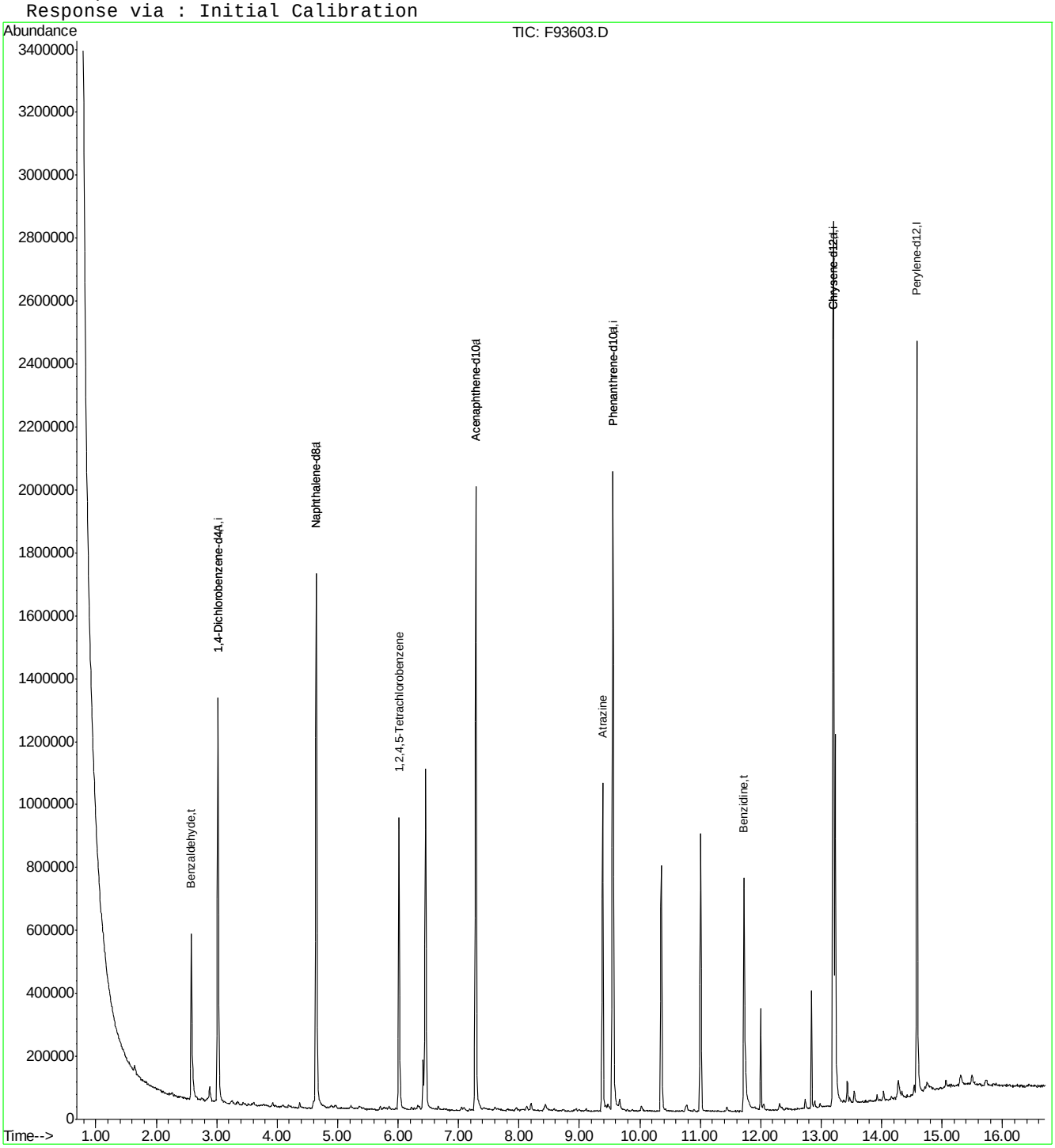
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	3.02	152	294221	40.00	ppb	-0.06
24) Naphthalene-d8	4.65	136	1076047	40.00	ppb	-0.07
47) Acenaphthene-d10	7.29	164	706336	40.00	ppb	-0.08
69) Phenanthrene-d10	9.56	188	1209865	40.00	ppb	-0.08
83) Chrysene-d12	13.20	240	1343970	40.00	ppb	-0.06
92) Perylene-d12	14.59	264	1124363	40.00	ppb	-0.05
102) 1,4-Dichlorobenzene-d4A	3.02	152	294221	40.00	ppb	-0.06
104) Acenaphthene-d10a	7.29	164	706336	40.00	ppb	-0.08
106) Phenanthrene-d10a	9.56	188	1209865	40.00	ppb	-0.08
108) Chrysene-d12a	13.20	240	1343970	40.00	ppb	-0.06
110) Naphthalene-d8a	4.65	136	1076047	40.00	ppb	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
85) Terphenyl-d14	0.00	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
103) Benzaldehyde	2.58	105	160027	23.26	ppb	# 100
105) 1,2,4,5-Tetrachlorobenzene	6.02	216	265048	27.02	ppb	99
107) Atrazine	9.39	200	177435	31.24	ppb	# 100
109) Benzidine	11.72	184	546520	34.76	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF4373\F93603.D Vial: 3
Acq On : 2 Dec 2010 8:26 am Operator: ninap
Sample : cc4330-25 Inst : MSF
Misc : op46967,ef4373,tcl42 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 2 9:58 2010 Quant Results File: MF4329.RES

Method : C:\MSDCHEM\1\METHODS\MF4329.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 15m x .25mm x .25um
Last Update : Thu Dec 02 08:20:11 2010
Response via : Initial Calibration



ACCUTEST LABORATORIES JA62028

ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: E2M1369

Date: 9-29-10

Analyst Signature: DA

Columns: 2x RTx5 (15m x 0.25mm x 0.25)

Method 8270

Initial Cal. Method M2M1369

Injection Volume: 1 µl

Standard Data

Lot #	Description	Conc.
SV1052-80E	6MA	10µg/mL
	-80F	5µg/mL
	-80G	2µg/mL
	-80H	1µg/mL

Standard Data

Lot #	Description	Conc.
SV1052-67	DFTPP	50µg/mL
CF0915	IS	400µg/mL
SV1052-80A	6MA	100µg/mL
	80B	80µg/mL
	-80C	50µg/mL
	-80D	25µg/mL

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 9-29-10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	M2M31869	DFTPP			W	1					OK	9:33 am
	31870	ICC 1369-50				2					OK	
	31871	IC 1369-25				3					OK	
	31872	IC 1369-100				4					OK	
	31873	IC 1369-2				5					OK	
	31874	IC 1369-5				6					OK	
	31875	IC 1369-10				7					OK	
	31876	IC 1369-80				8					OK	
	31877	IC 1369-1				9					OK	

MTX = Matrix . Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

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Sample volume/weight used and final volumes refer to extraction log.

All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

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ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: E2M1370

Date: 9-29-10

Analyst Signature: QA

Columns: ZB-5MSi (15m x0.25mm x0.25

Method 8270

Initial Cal. Method 2M2M1369

Injection Volume: 1 µl

Standard Data

Lot #	Description	Conc.
SV10521	82F TCL 42	5 ppm
-	82G ↓	2 ppm
-	82H ↓	1 ppm
CF0915	IS	40000 ppb

Standard Data

Lot #	Description	Conc.
SV10521	67 DFTPP	50 ppm
-	82A TCL 42	100 ppm
-	82B	80 ppm
-	95A	50 ppm
-	95B	20 ppm
-	82E ↓	10 ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 9-30-10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
	2M31878	DFTPP			W	1					OK	3:21 pm
	31879	IC 1370-100		TCL 42		2					OK	
	31880	IC 1370-80				3					OK	
	31881	IC 1370-50				4					OK	
	31882	IC 1370-25				5					OK	
	31883	IC 1370-10				6					OK	
	31884	IC 1370-5				7					OK	
	31885	IC 1370-2				8					OK	
	31886	IC 1370-1				9					OK	
	31887	ICV 1369-50		acids		10					OK	SV10-521-27
	31888	ICV 1369-50		BN		11					OK	SV10-521-83
	31889	ICV 1369-50		BN		12					not rising	not needed SV10-521-89
	31890	ICV 1369-50		3rd		13					OK	SV10-521-85
	31891	ICV 1370-50		benzdn		14					OK	SV10-521-88
	QA 9/29/10	QA 9/29/10										

RTX = Matrix. Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

39

All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

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ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: E2M1417

Date: 11-22-10

Analyst Signature: OA

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
SV0524-67	SFTMP	50µg
-80C	BEA	50µg
-97D	TCL42	25µg
CF0917	IS	4000µg
DC 847	DCM HW	-

Columns: ZB-5MS (15M X0.25MM X0.

Method 8270

Initial Cal. Method M2M1369

Injection Volume: 1µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 11/23/10

Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
M32833	SFTMP			W	1					OA	9:48 AM
32834	CC 1369-50				2					OA	
32835	CC 1370-25		TCL42		3					OA	
32836	OP46686-MS	46686-1	ABN	S	4		+	✓	✓	OA	
32837	OP46866-MSD	46866-1	ABN	W	5		+	✓	✓	OA	
32838	-BSI				6			✓	✓	OA	
32839	JA62049-11		ABTCL11		7			✓	✓	OA	
A 32840	JA61133-11A	46686-1	ABTCL11+	S	8	5		✓		OA	
R 32841	-12A				9	20		✓		OA	
R 32842	JA61177-1A		BTCL11+		10	5		✓		OA	
32843	JA62003-4	46866-1	ABNJTCL11+	W	11		+	✓	✓	OA	
32844	-2				12		+	✓	✓	OA	
32845	OP46866MS				13			✓	✓	OA	
32846	-MSD				14			✓	✓	OA	
32847	JA61217-2A	46686-1	+ 3MNAP BTCL11+	S	15		+	✓	✓	OA	MR 1:10
32848	JA60540-1		ABTCL42+		16		+	✓	✓	OA	
32849	-2				M		+	✓	✓	OA	

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

1

All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

8.7.3 8

ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: E2M1417

Date: 11-22-10

Analyst Signature: [signature]

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
CF091T	IS	4000/ml
BC 847	DCM MeOH	—

Columns: ZB-MS1 (15m x0.25mm x0.25

Method 8270

Initial Cal. Method M2M1369

Injection Volume: 1 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature]

Date: 12/3/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	2M 32850	JA60540-4	46686-1	ABNOTCL+	S	18		+	-	-	OK	
	32851	-5				19		+	-	-	OK	
	32852	-6				20		+	-	-	OK	
	32853	JA60541-2		ABNOTCL+		21		+	-	-	OK	
	32854	-1				22			-	-	RR	outside RTwin 9:58 pm sent to MX 2am after 2M 32844
R	32855	JA61733-ACFS	46815-1	ABNOTSCC ~~ABNOTCL+~~		23	20		-	2 ↓	OK	
		OA 11/29/10		OA 11/29/10								

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

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Form: OR015-05
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ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: E2M1421

Date: 11-24-10

Analyst Signature: CA

Standard Data

Lot #	Description	Conc.
SV10524-123F	Surr	5 µg/mL
-123G	↓	2 µg/mL
-123H	↓	1 µg/mL
CF0915	IS	400 µg/mL
RC847	Surr MW	—

Standard Data

Lot #	Description	Conc.
SV10524-67	DFTPP	50 µg/mL
-123A	Surr	100 µg/mL
-123B	↓	80 µg/mL
-123C	↓	50 µg/mL
-123D	↓	20 µg/mL
-123E	↓	10 µg/mL

Columns: ZB-5MSi (15M x 0.25M x 0.25µ)

Method 8270

Initial Cal. Method E2M1369

Injection Volume: 1 µL

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 11/25/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	E2M32900	DFTPP			W	1					OK	1:20 µL
	32901	IC1421-100		Surr		2					OK	
	32902	IC1421-80				3					OK	
	32903	IC1421-50				4					OK	
	32904	IC1421-25				5					OK	
	32905	IC1421-10				6					OK	
	32906	IC1421-5				7					OK	
	32907	IC1421-2				8					OK	
	32908	IC1421-1				9					OK	
	32909	ICV1421-50				10					OK	SV10-604-05

MTX = Matrix . Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

13

All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

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8.7.4 8

ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: E2M1424

Date: 11-30-10

Analyst Signature: DA

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
SU052467	DFTPP	50 µg
-800	BNA	50 µg
-123C	Screen	50 µg
-977A	TCL 42	25 µg
CF0915	IS	400 µg
RC 973	Screen Mix	—

Columns: Zb-5ms (15m x 0.25mm x 0.25µ)

Method 8270

Initial Cal. Method M2M1369

Injection Volume: 1 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 12/7/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
	M32956	DFTPP			W	1					OK	1:37 pm
	32957	CC 1369-50				2					OK	
	32958	CC 1421-50		Screen		3					OK	
	32959	CC 1370-25		TCL 42		4					OK	
	32960	OP46817-MS1	46817-1	ABN Screen		5	-		/	/	Ref. only	
R	32961	JA61760-4A	46815-1	BNA+	S	6	10		/	/	OK	
	32962	BN Spike 1	OP10-501-56		W	7			/		OK	
	32963	BN Spike 2				8			/		OK	
	32964	JA61818-11	46817-1	ABN Screen	W	9			/	/	OK	
	32965	-13				10			/	/	OK	
	32966	-2				11			/	/	OK	KH
	32967	-4				12			/	/	OK	KH
	32968	-6				13			/	/	OK	KH
	32969	-8				14			/	/	OK	KH
	32970	JA61965-4	46866-1	ABN TCL42+ +PAR		15		+	/	/	OK	
	32971	JA62028-10		ABN TCL		16			/	/	OK	
	32972	-11				17			/	/	OK	

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ = Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

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All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

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ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: E2M1424

Date: 11-30-10

Analyst Signature: DA

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
CF0915	IS	4000 µg/ml
RC473	BNA MW	— µg/ml

Columns: RTX-5MS (15M X0.25M X0.1

Method 8270

Initial Cal. Method M2M1369

Injection Volume: 1 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 12/7/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
	M32973	JA61998-3	46866-1	BNJTCM+	W	18					not reviewed	RR 1:5 (bad matrix)
	32974	-4				19		+	✓	✓	OK	
	32975	-2				20		+	✓	✓	OK	
	32976	JA62058-1		BNJTCM+		21		+	✓	✓	OK	sent to RR 11:42 µw

MTX = Matrix . Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

25

All strikeouts must be initialed, dated and reason code applied as follows:

1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05

Rev. Date: 1/16/2006

8.7.5 8

ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: EF4329

Date: 10/20/10

Analyst Signature:

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
SV10521-67	DFTPP	50ppm
CFO915	I.S.	40mg/ml
DC433	Meth Chloride	well

Columns: 2BSMSi (15m x .25mm x .25um)

Method 8270/625

Initial Cal. Method MF4329

Injection Volume: 1ul

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Date: 10/21/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	F92479	DFTPP				1					all	7:58 am
	F92480	ICV4329-50		8270/625		2					all	SV10-521-90A
	F92481	ICV4329-100				3					all	SV10-521-80A
	F92482	ICV4329-1				4					all	SV10-521-80H
	F92483	ICV4329-2				5					all	SV10-521-80G
	F92484	ICV4329-5				6					all	SV10-521-80F
	F92485	ICV4329-10				7					all	SV10-521-80G
	F92486	ICV4329-25				8					all	SV10-521-90B
	F92487	ICV4329-80				9					all	SV10-521-80B 12:18pm

MTX = Matrix . Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

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All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

(4) 10/20/10

8.7.6

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ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: FF4330

Date: 10/20/10

Analyst Signature:

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
SV10-521-67	DFTPP	50ppm
CF0915	I.S.	40000ppm
DC433	Meoh(Honeywell)	

Columns: 2@15m x .15mm x .25mm x 250

Method 8270/625

Initial Cal. Method MF4329

Injection Volume: 1µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Date: 10/21/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
	F92488	DFTPP	*			1					all	12:55PM
	F92489	ICV4330-50		TCL42		2					all	SV10-521-97C
	F92490	ICV4330-1				3			/	/	all	SV10-521-97H
	F92491	ICV4330-2				4			/	-	all	SV10-521-97G
	F92492	ICV4330-5				5			/	-	all	SV10-521-97F
	F92493	ICV4330-10				6			/	-	all	SV10-521-97E
	F92494	ICV4330-25				7			/	-	all	SV10-521-97D
	F92495	ICV4330-80				8			/	-	all	SV10-521-97B
	F92496	ICV4330-100				9			/	-	all	SV10-521-97A
	F92497	ICV4329-50				10			/	-	all	OP10-420-14B #1 2nd Source Bal #1
	F92498	-50				11			/	-	all	OP10-420-14B #2 2nd Source Bal #2
	F92499	-50				12			/	-	all	SV10-521-27 Acid 2nd Source
	F92500	-50				13			/	-	all	SV10-521-85 2nd Source
	F92501	-50				14			/	-	all	SV16-521-83 Base 2nd Source

10/21/10

MTX = Matrix . Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

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All strikeouts must be initialed, dated and reason code applied as follows:

1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05

Rev. Date: 1/16/2006

8.7.7

8

ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: EF4370

Date: 11-29-2010

Analyst Signature: JP

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
SV10S2167	DFTPP	50ppm
-90	BNA STD	50ppm
-94	TCL VOA STD	25ppm
C70915	Int. Std.	4000ppm
DC847	Honeywell Alied	—

Columns: ZB5MSi; 15m x .25mm x .25μm

Method 8270/625

Initial Cal. Method MF4329

Injection Volume: 1.0μL

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 11-30-10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
	F93514	DFTPP			W	1					all	10-23 BM
	93515	CC4329-50				2					all	
	93516	CC4330-25				3					all	
	93517	OP46863-MB1	46863-1	ABN/D	S	4			✓	✓	all	
	93518	-BS1				5			✓	✓	all	
	93519	JA62002-1		ABTCL		6			✓	✓	all	
	93520	OP46863-MS1		ABN/D		7			✓	✓	all	
	93521	-MSD				8			✓	✓	all	
	93522	JA62002-2		ABTCL		9			✓	1,3 ↓	all	need to dil 1 to 4
	93524	-4				10			✓	1,3 ↓	all	dil 1 to 4
	93525	-3				11			✓	1,3 ↓	all	dil 1 to 4
	93526	-5				12			all ↓	1,3 ↓	all	dil 1 to 4
	93527	-10				13			all ↓	✓	all	RR for LF2
	93528	-12				14			all ↓	✓	all	RR for LF2
	93529	-6				15			all ↓	3 ↓	all	dil 1 to 4
	93530	-22				16			all ↓	✓	all	RR for LF2
	93531	-23				17			all ↓	✓	all	RR for LF2

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

8.7.8

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ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: EF4370

Analyst Signature: JP

Date: 11-29-2010

Columns: ZB5MS; 15mx.25mmx.25µm

Method 8270

Initial Cal. Method MTF4389

Injection Volume: 1.0µL

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
CF0915	Int. Std.	400ppm
DC847	Honeywell Mix	—

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 11/30/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
	F93532	JA62002-24	46863-1	ABTCL	S	18			all ✓	✓	all	RR for CFI
	93533	-8				19			all ✓	✓	all	RR for CFI
	93534	-9				20			all ✓	✓	all	
	93535	-11				21			✓	✓	all	
	93536	-19				22			✓	✓	all	
	93537	-20				23			✓	✓	all	
	93538	-21				24			✓	✓	all	TR1-2
	93539	JA62022-1		ABTCL11		25			SD ✓	✓	all	RR for CFI
	93540	-2				26			✓	✓	all	do not report 8-42am for #4h RR1:2 for target Comp.

11/30/10

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

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All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

8.7.8

ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: EF4371

Date: 11/30/10

Analyst Signature: [signature]

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
BV10 521-67	DFTPP	50 ppm
-90	BNA 510	50 ppm
95	TCL	25 ppm
CF0995	TS	4000 ppm
DC847	Med (Hexane/DCM)	

Columns: 2 x 5ms, (15m x 25mm x .25u)

Method 8270/625

Initial Cal. Method MF4329

Injection Volume: 1ul

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 12/1/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	F93541	DFTPP				1					all	11:22 am
	F93542	CC4329-50				2					all	
	F93543	CC4330-25		TCL2		3					all	
	F93544	JA62002-101	46863-1	ABTCL2	S	4	CF 01/31		✓	✓	all	
	F93545	JA62446-1	46967-1	ABTCL1		5	1/dl		✓	✓	all	
	F93546	-2				6	2/dl		✓	✓	all	
	F93547	-3				7	CF 01/30		✓	✓	all	
	F93548	-4				8	CF		SB ↓	✓	all	
	F93549	-5				9	CF		SB ↓	✓	all	
	F93550	-6				10	CF		all ↓	✓	all	
	F93551	JA62002-21	46863-1	ABTCL	S	11	2/dl		✓	✓	all	ran before F93547
	F93552	JA62002-8		ABTCL2		12	CF		✓	✓	all	
	F93553	-9				13	CF		✓	✓	all	ran before F93550
	F93554	-12				14	CF		SB ↓	✓	all	
	F93555	-22				15	CF		2,3,6 ↓	✓	all	
	F93556	-23				16	CF		all ↓	✓	all	
	F93557	-24				17	CF		all ↓	✓	all	

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

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Sample volume/weight used and final volumes refer to extraction log.

All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

8.7.9

ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: CF4371 Cont

Date: 11/30/10

Analyst Signature:

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
	Same as B#	111

Columns: 7B5mg (15m x .25mm x 0.25µm)

Method 8270/625

Initial Cal. Method MF4329

Injection Volume: 1µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Date: 12/1/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	F93558	JA62028-1	46868-1	ABTCL1	S	18	CF		dH ↓	✓	RR	Originally 5.6 I.S. out
	F93559	-2				19	2		dH ↓	✓	RR	
	F93560	JA62294-1	46967-1	PAH	S	20	5/2		dH ↓	✓	RR	
	F93561	-3				21	20/1		F.I ↓	✓	all	
	F93562	JA61829-2		2NP+NAP		22	CF		Surr ↓	✓	all	Computer 11:04 PM
	F93563	JA62002-2	46863-1	ABTCL2	S	23			/	✓	all	= not needed
	F93564	-3				24			9.5 ↓	✓	Not needed	ran before F93559
	F93565	-4				25			1,2,3 ↓	✓	not needed	
	F93566	-5				26			dH ↓	✓	all	
	F93567	-6				27			✓	✓	all	
	F93568	JA61529-1	46778-1	ABTCL	S	28			/	✓	all	ran before F93567 CFT @ 11/30/10
	F93569	JA60818-12		NAP+2MNAP		29			✓	✓	all	CFT @ 12/01
												@ 12/01/10

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

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All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

8.7.9

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ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: EF4373

Analyst Signature: [signature]

Date: 12/02/10

Columns: 7B5mS; 15mx.25mmx.25uM

Method 8270/625

Initial Cal. Method MF4329

Injection Volume: 1uL

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
SV10-521-131	DFHPP	50ppm
SV10-521-136A	BNA 51A	50ppm
-97	TCL42	25ppm
CF0915	I.S.	4000ppm
DC973	Mech(Honeywell)	

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 12/2/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
	F93601	DFHPP				1					all	7.4hrs am
	F93602	CC4329-50				2					all	
	F93603	CC4330-25		+CL42		3					all	
	F93604	OP47022-MB	47022-1	ABN	S	4			✓	✓	all	
	F93605	-BS1				5		-	✓	✓	all	
	F93606	OP47021-MB1	47021-1	ABN	S	6			✓	✓	all	
	F93607	-BS1				7			✓	✓	all	
	F93608	JA62629-13		TPH		8			✓	✓	all	
	F93609	OP47021-MS				9			✓	✓	all	
	F93610	-MSD				10			✓	✓	all	~~RA~~ Q 12/02/10
	F93611	JA62028-2	46863-1	ABN211	S	11	2/1mL		✓	✓	all	confirmation run reported from EF4371
	F93612	-1				12	2/1F		✓	✓	all	
	F93613	JA62700-1	47022-1	ABN12+	S	13	2		✓	✓	all	RR 1.5
	F93614	OP47022-MS				14	2		✓	✓	all	
	F93615	-MSD				15	2		✓	✓	all	
	F93616	JA62177-1	46929-1	BN211+	W	16	5/dil		✓	✓	Not needed	RR
	F93617	OP47021-MSD	47021-1			17			-	-	-	not needed

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ = Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample volume/weight used and final volumes refer to extraction log.

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All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

ACCUTEST.

SEMI-VOLATILE by GCMS ANALYSIS LOG

Batch ID: EF4373 Cont

Date: 12/02/10

Analyst Signature:

Columns: 7B5mB, ~~C25mmx0.25~~ 15mx.25mmx.25µm Q12/02

Method 8270

Initial Cal. Method MF4329

Injection Volume: 1µl

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
	Same as ↓	119

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Date: 12/3/10

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	F93618	JA62700-1	470221	AB7021	S	18	10/1ml		dd	-	—	not needed to look
	F93619	JA62465-8	46967-1	XMAP12MWAP		19			dd	✓	—	
	F93620	JA62538-1	470221	AB7121M	S	20			dd	✓	—	
	F93621	-2				21			dd	✓	—	
	F93622	-3				22			dd	✓	—	
	F93623	-4				23			—	—	Not Run	Cut from the same
	F93624	JA62658-1		AB T1211		24			—	—	Not run	Cut from the same
	F93625	JA62380-2		XMAP12MWA		25			-	—		
	F93626	-3				26			-	—		
	F93627	-5				27			-	—		
	F93628	JA62488-7		AB7021M		28			-	—		
	F93629	JA62166-4R		AB7021M		29			-	—		

TX = Matrix . Designate W for ~~water, S for soil,~~ O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

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Sample volume/weight used and final volumes refer to extraction log.

All strikeouts must be initialed, dated and reason code applied as follows:
1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR015-05
Rev. Date: 1/16/2006

12/02/10

8.7.10

8

EXT-SO 10-512

BAL ID R-7

ACCUTEST

SOLID/LIQUID EXTRACTION

BATCH # MS46863-1 | RACK# A-5

EXTRACTION TIME: 8 AM

EXTRACTION METHOD (circle one) Sonication SW846 3550B / CLP / other____ Pressurized Fluid (ASE) SW846 3545 / CLP / other____ Soxhlet SW846 3540C / other____

EXTRACTION DATE: 11/20/10 ANALYST: [illegible] METHOD: AB827 Water Bath Temp(C) 85 Nitrogen Evap Temp(C) 35

Superviser Review Signature Date 11/20/10

	Sample #	pH	Sample Bottle #	Analysis Type	Sample Description	Sample Wet Wt. (g)	Decant Y	Decant N	Final Extract Vol(ml)	Final Extract Color	Extract Cleanup GPC	H2SO4	Cu	Florisil	Comments
	MB			ABN	Na_2SO_4	35.1			1	CLR					
	BS				Na_2SO_4	35.0				YLW					
	JA62002-1 MS		1		DIRT	35.3		L		YLW					
	MSD		1		DIRT	35.1		L		YLW					
	~~BS~~														
	~~MS~~														
	MSD														
1	JA62002-1		1	ABN	DIRT	35.0		✓		LYLW					
2	-2				DIRT+ROCKS	35.2				~~LBROWN~~					LYLW
3	-3				DIRT+ROCKS	35.1				LBROWN					
4	-4				DIRT+ROCKS	35.0				LBROWN					
5	-5				DRT+ROCKS	35.2				YLW					
6	-6				ROCKS	35.0				LBROWN					
7	-8				DIRT	35.1				BROWN					
8	-9				DIRT	35.0				BROWN					
9	-10				DIRT	35.0				BROWN					
10	-11				DIRT	35.2				BROWN					
11	-12				DIRT	35.1				LBROWN					
12	-19				SOIL	35.2				BROWN					
13	-20				SOIL	35.2				BROWN					
14	-21				SOIL	35.3				BROWN					
15	-22				DIRT	35.2				BROWN					
16	-23				DIRT	35.1				LBROWN					
17	-24		1		DIRT	35.2				LBROWN					
18	JA62028-1		1		DIRT	35.0				BLCK					
19	-2		1		DIRT	35.2				BROWN					
20								✓							

COMMENTS:

SURROGATE SPIKE DATA

	LOT #	CONC. (PPM)	AMT ADDED (ML)
BASE op10	501-38	50	1
ACID op10	501-23	50	1
PPCB			
HERB			

WITNESS SIGN: [illegible]

MATRIX SPIKE DATA

	LOT #	CONC.	AMT ADDED (ML)
BASE op10	501-40	50	1
ACID op10	501-32	50	1
~~PEST~~ BASE #2 op10	501-41	50	1
PCB			
HERB			

WITNESS SIGN: [illegible]

SOLVENT DATA

	LOT #	BRAND	AMT X/ML
1:1 MC/ ACE op10	420-134	Honeywell Burdick	
METH CHLOR			
HEXANE			
ACETONE			
ETH ETHER			

REAGENT/FILTER MEDIA

	LOT #	BRAND
SODIUM SULF.	op010-29	FISHER
FILTER PAPER	8210308	ANCHSTROM
COPPER		
FLORISIL		
SULFURIC ACID		

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See back for instructions

Prep Log OP46866 page 1 of 1

EXT-AQ 10-502

ACCUTEST LIQUID/LIQUID EXTRACTION FOR ABSIM → MS46866A

EXTRACTION TIME: 8:15 AM Separatory Funnel / Continuous Liquid Liquid

EXTRACT METHOD (circle one): SW846 3510C / EPA 600 series / EPA 500 series / CLP / other_____ SW846 3520C / CLP / other_____

EXTRACTION DATE: 11/20/10 ANALYST: JP METHOD: AB820 Water Bath Temp(C) 42° Nitrogen Evap Temp(C)_____

BATCH # MS46866-1 RACK# A-11

Supervisor Review: Signature _____ Date 11/20/10

	Sample #	Sample Bottle #	Analysis Type	Sample Description	Sample Vol (ml) Oil Wt. (g)	pH Adjust (ml) >11 NaOH	pH Adjust (ml) <2 H2SO4	Final Extract Vol(ml)	Final Extract Color	Extract Cleanup GPC	Extract Cleanup H2SO4	Extract Cleanup Cu	Extract Cleanup Florisil	Comments
	MB 1		ABN	DI H2O	1000	4	1	1	clear					
	BS 1		↓	↓	1000	4	1	1	Yellow					
	JA62003-2 MS	1		Yellow	400	4	1	1	Brown					
	MSD	1		Yellow	400	4	1	1	Brown					
	MS46866A - BS 12		ABSIM	DI H2O	1000	4	1	1	L.Yellow					ABSIM
	~~MS~~													
	~~MSD~~													
1	JA62049-11FB	1	ABN	Clear	990	4	1	1	clear					SIM
2	JA62003-2	2		Yellow	800	4	1	1	Brown					
3	-4	2		↓	~~990~~ 960	4	1	1	dark Brown					
4	JA62002-7FB	1		clear	980	4	1	1	clear					
5	-18FB	2			910	4	1	1	↓					
6	-31FB	2			910	4	1	1						
7	JA61965-47	2			960	4	1	1	~~Yellow~~ Clear					
8	JA62104-1	1	BN	~~clear~~ Clear	1000	~~4~~ 1		1	clear					
9	-2	1		L.Yellow	↓	1		1	↓					
10	-3	1		↓		1		1						
11	-4	1				1		1	↓					
12	-5	1				1		1	L.Yellow					
13	-6	1		↓	↓	1		1	clear					
14	JA62028-10	1	ABN	L.Yellow	1000	1	1	1	Yellow					
15	-11	1	ABN	↓	↓	1	1	1	↓					
16	JA61998-2		BN	Dark Brown	900	1		1	Yellow					
17	-3	1		Brown	980	1		1	Brown					
18	-4	2	↓	↓	930	1		1	Yellow					
19	JA61941-6	1	BN	Yellow	1000	1		1	L.Yellow					
20	JA62058-1	1	↓	↓	↓	1		1	↓					

COMMENTS:

SURROGATE SPIKE DATA

	LOT #	CONC. (PPM)	AMT ADDED (ML)
BASE	op 10501138	~~50~~ 100	1
ACID	op 10501123	50	1
PPCB			
HERB			

WITNESS SIGN: JP

MATRIX SPIKE DATA

	LOT #	CONC.	AMT ADDED (ML)
BASE #1	op 10501140	50	1
ACID	op 10501117	50	1
~~PESTICIDE~~ PCB #2	op 10501141	50	1
PCB			
HERB			
ABSIM	op 10501129	1	1

WITNESS SIGN:

SOLVENT DATA

	LOT #	BRAND	AMT X/ML
METH CHLOR	DC847	H.W.	6x60
HEXANE			
ACETONE			
ETH ETHER			

REAGENT/FILTER MEDIA

	LOT #	BRAND
SODIUM SULF	op 096	Fisher
FILTER PAPER	EC060701	Fisher
1:1 H2SO4	4000203	Diaq
10N NAOH	102360	Fisher
COPPER		
FLORISIL		
SULFURIC ACID		

See back for instructions

JA62028 ACCUTEST LABORATORIES 856 of 1114

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New Jersey ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Instrument Runlogs
- Initial and Continuing Calibration Blanks
- Initial and Continuing Calibration Checks
- High and Low Check Standards
- Interfering Element Check Standards
- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries
- IDL and Linear Range Summaries

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: H11202S2.PRN Date Analyzed: 12/02/10 Methods: SW846 7471A
Analyst: VK Run ID: MA25449
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:38	MA25449-STD1	1		R=0.999316, B=2.3711e-4, C=-1.38879e-2.
09:39	MA25449-STD2	1		STD02REP1
09:40	MA25449-STD3	1		STD03REP1
09:41	MA25449-STD4	1		STD04REP1
09:43	MA25449-STD5	1		STD05REP1
09:44	MA25449-STD6	1		STD06REP1
09:47	MA25449-ICV1	1		
09:48	MA25449-ICB1	1		
09:50	MA25449-CCV1	1		
09:51	MA25449-CCB1	1		
09:52	MA25449-CRI1	1		
10:12	MP55941-MB1	1		
10:13	MP55941-LC1	1		No dilution factor
10:15	MP55941-LC1	10		
10:17	MP55941-S1	1		
10:18	MP55941-S2	1		
10:19	JA61946-1	1		(sample used for QC only; not part of login JA62028)
10:21	ZZZZZZ	1		
10:28	ZZZZZZ	20		
10:30	MA25449-CRI2	1		
10:31	MA25449-CCV2	1		
10:32	MA25449-CCB2	1		
10:34	ZZZZZZ	1		
10:35	ZZZZZZ	1		
10:36	ZZZZZZ	1		
10:37	ZZZZZZ	1		
10:39	ZZZZZZ	1		
10:42	ZZZZZZ	1		
10:43	ZZZZZZ	1		
10:44	ZZZZZZ	1		
10:46	ZZZZZZ	1		
10:47	JA62028-7	1		
10:49	MA25449-CCV3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: H11202S2.PRN Date Analyzed: 12/02/10 Methods: SW846 7471A
Analyst: VK Run ID: MA25449
Parameters: Hg

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	10:50	MA25449-CCB3	1		
	10:51	JA62028-8	1		
	10:52	JA62028-9	1		
---------->		Last reportable sample/prep for job JA62028			
	10:54	ZZZZZZ	1		
	10:55	ZZZZZZ	1		
	10:56	ZZZZZZ	1		
	10:58	ZZZZZZ	1		
	10:59	ZZZZZZ	1		
	11:06	ZZZZZZ	2		
	11:08	ZZZZZZ	20		
	11:14	ZZZZZZ	20		
	11:15	MA25449-CCV4	1		
	11:16	MA25449-CCB4	1		
---------->		Last reportable CCB for job JA62028			
	11:29	MP55942-MB1	1		
	11:31	MP55942-LC1	10		
	11:32	MP55942-S1	1		
	11:33	MP55942-S2	1		
	11:35	JA61992-1A	1		(sample used for QC only; not part of login JA62028)
	11:36	ZZZZZZ	1		
	11:38	ZZZZZZ	1		
	11:39	ZZZZZZ	1		
	11:40	ZZZZZZ	1		
	11:41	ZZZZZZ	1		
	11:42	MA25449-CCV5	1		
	11:44	MA25449-CCB5	1		
	11:45	ZZZZZZ	1		
	11:46	ZZZZZZ	1		
	11:47	ZZZZZZ	1		
	11:49	ZZZZZZ	1		
	11:50	ZZZZZZ	1		
	11:52	ZZZZZZ	1		
	11:54	ZZZZZZ	1		
	11:55	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: H11202S2.PRN Date Analyzed: 12/02/10 Methods: SW846 7471A
Analyst: VK Run ID: MA25449
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:56	ZZZZZZ	1		
11:57	ZZZZZZ	1		
11:59	MA25449-CCV6	1		
12:00	MA25449-CCB6	1		
12:01	ZZZZZZ	1		
12:03	ZZZZZZ	1		
12:04	ZZZZZZ	1		
12:05	ZZZZZZ	1		
12:16	MP55943-MB1	1		
12:17	MP55943-LC1	10		
12:18	MP55943-S1	1		
12:20	MP55943-S2	1		
12:21	JA62485-1	1		(sample used for QC only; not part of login JA62028)
12:23	ZZZZZZ	1		
12:24	MA25449-CCV7	1		
12:26	MA25449-CCB7	1		
12:27	ZZZZZZ	1		
12:28	ZZZZZZ	1		
12:29	ZZZZZZ	1		
12:31	ZZZZZZ	1		
12:33	ZZZZZZ	1		
12:35	ZZZZZZ	1		
12:36	ZZZZZZ	1		
12:42	ZZZZZZ	2		
12:44	ZZZZZZ	5		
12:45	MA25449-CCV8	1		
12:46	MA25449-CCB8	1		

Refer to raw data for calibration curve and standards.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: H11202S2.PRN Date Analyzed: 12/02/10 Methods: SW846 7471A
QC Limits: result < RL Run ID: MA25449 Units: ug/l

Time:			09:48		09:51		10:32		10:50	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.20	.12	0.016	<0.20	-0.012	<0.20	0.086	<0.20	-0.014	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: H11202S2.PRN Date Analyzed: 12/02/10 Methods: SW846 7471A
QC Limits: result < RL Run ID: MA25449 Units: ug/l

Time:			11:16	
Sample ID:			CCB4	
Metal	RL	IDL	raw	final
Mercury	0.20	.12	0.025	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

9.1.1
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CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: H11202S2.PRN Date Analyzed: 12/02/10 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA25449 Units: ug/l

Time:		09:47			09:50			10:31	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	2.9	96.7	2.5	2.5	100.0	2.5	2.4	96.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: H11202S2.PRN Date Analyzed: 12/02/10 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA25449 Units: ug/l

Time:		10:49			11:15	
Sample ID:	CCV	CCV3		CCV	CCV4	
Metal	True	Results	% Rec	True	Results	% Rec
Mercury	2.5	2.4	96.0	2.5	2.5	100.0

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: H11202S2.PRN Date Analyzed: 12/02/10 Methods: SW846 7471A
QC Limits: 50 to 150 % Recovery Run ID: MA25449 Units: ug/l

Time:			09:52		10:30	
Sample ID:	CRI	CRIA	CRI1		CRI2	
Metal	True	True	Results	% Rec	Results	% Rec
Mercury	0.20		0.29	145.0	0.17	85.0

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:21	MA25450-STD1	1		STDA
16:27	MA25450-STD2	1		STDB
16:33	MA25450-STD3	1		STDC
16:39	MA25450-CCV1	1		
16:45	MA25450-CCB1	1		
16:51	MA25450-CRIB1	1		
16:57	MA25450-CRID1	1		
17:03	MA25450-ICV1	1		
17:09	MA25450-ICB1	1		
17:15	MA25450-CCV2	1		
17:21	MA25450-CCB2	1		
17:27	MA25450-ICSA1	1		
17:33	MA25450-ICSAB1	1		
17:39	MA25450-CCV3	1		
17:45	MA25450-CCB3	1		
17:51	MP55886-MB1	1		
17:57	MP55886-LC1	1		
18:03	MP55886-S1	1		
18:09	MP55886-S2	1		
18:15	JA61962-4	1		(sample used for QC only; not part of login JA62028)
18:21	MP55886-SD1	5		
18:27	ZZZZZZ	1		
18:33	ZZZZZZ	1		
18:39	ZZZZZZ	1		
18:46	ZZZZZZ	1		
18:52	MA25450-CCV4	1		
18:57	MA25450-CCB4	1		
19:04	ZZZZZZ	1		
19:10	ZZZZZZ	1		
19:16	ZZZZZZ	1		
19:22	ZZZZZZ	1		
19:28	ZZZZZZ	1		
19:34	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:40	ZZZZZZ	1		
19:46	ZZZZZZ	1		
19:52	ZZZZZZ	1		
19:58	ZZZZZZ	1		
20:04	MA25450-CCV5	1		
20:10	MA25450-CCB5	1		
20:16	ZZZZZZ	1		
20:22	ZZZZZZ	1		
20:28	ZZZZZZ	1		
20:34	ZZZZZZ	1		
20:40	ZZZZZZ	1		
20:46	MA25450-CRIB2	1		
20:52	ZZZZZZ	1		
20:58	ZZZZZZ	1		
21:04	ZZZZZZ	1		
21:10	MA25450-CRIB3	1		
21:16	MA25450-CCV6	1		
21:22	MA25450-CCB6	1		
21:28	MP55804-S1	1		
21:34	MP55804-S2	1		
21:40	ZZZZZZ	1		
21:46	MP55804-SD1	5		
21:52	ZZZZZZ	1		
21:58	ZZZZZZ	1		
22:04	ZZZZZZ	1		
22:10	ZZZZZZ	1		
22:17	MP55906-MB1	1		
22:23	MP55906-B1	1		
22:29	MA25450-CCV7	1		
22:34	MA25450-CCB7	1		
22:41	MP55906-S1	1		
22:46	MP55906-S2	1		
22:52	JA62378-1	1		(sample used for QC only; not part of login JA62028)

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:58	MP55906-SD1	5		
23:04	MP55905-MB1	1		
23:10	MP55905-B1	1		
23:16	MP55905-S1	1		(Sr IEC checked next day and all good)
23:23	MP55905-S2	1		(Sr IEC checked next day and all good)
23:29	JA62312-1	1		(sample used for QC only; not part of login JA62028)
23:35	MP55905-SD1	5		
23:41	MA25450-CCV8	1		
23:47	MA25450-CCB8	1		
23:53	ZZZZZZ	1		
23:59	ZZZZZZ	1		
00:05	ZZZZZZ	1		
00:11	ZZZZZZ	1		
00:17	ZZZZZZ	1		
00:23	ZZZZZZ	2		
00:28	ZZZZZZ	3		
00:34	ZZZZZZ	1		
00:40	ZZZZZZ	1		
00:46	MA25450-CCV9	1		
00:52	MA25450-CCB9	1		
00:58	MA25450-ICSA2	1		
01:04	MA25450-ICSAB2	1		
01:11	MA25450-CCV10	1		
01:16	MA25450-CCB10	1		
01:23	ZZZZZZ	1		
01:29	ZZZZZZ	1		
01:35	ZZZZZZ	1		
01:41	ZZZZZZ	1		
01:47	ZZZZZZ	1		
01:53	ZZZZZZ	1		
01:59	ZZZZZZ	1		
02:05	ZZZZZZ	1		
02:11	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
02:17	ZZZZZZ	1		
02:23	MA25450-CCV11	1		
02:29	MA25450-CCB11	1		
02:35	MP55908-MB1	1		
02:41	MP55908-B1	1		
02:47	MP55908-S1	1		
02:53	MP55908-S2	1		
02:59	JA62308-1	1		(sample used for QC only; not part of login JA62028)
03:06	MP55908-SD1	5		
03:12	ZZZZZZ	1		
03:18	ZZZZZZ	1		
03:24	ZZZZZZ	1		
03:30	MA25450-CCV12	1		(All reps within range.)
03:36	MA25450-CCB12	1		
03:42	MP55851-MB2	1		CCV out for Ag.
03:48	MP55851-LC1	1		CCV out for Ag.
03:54	ZZZZZZ	1		
04:00	MP55933-MB1	1		CCV out for Ag.
04:06	MP55933-LC1	1		CCV out for Ag.
04:12	MP55933-S1	1		CCV out for Ag.
04:18	MP55933-S2	1		CCV out for Ag.
04:24	JA61494-1	1		(sample used for QC only; not part of login JA62028)
04:30	MP55933-SD1	5		CCV out for Ag.
04:36	ZZZZZZ	1		
04:42	MA25450-CCV13	1		
04:48	MA25450-CCB13	1		
04:54	ZZZZZZ	1		
05:00	ZZZZZZ	1		
05:06	ZZZZZZ	1		
05:12	MP55928-MB1	1		CCV out for Cr and Ag.
05:18	MP55928-B1	1		CCV out for Cr and Ag.
05:24	MP55928-S1	1		CCV out for Cr and Ag.
05:30	MP55928-S2	1		CCV out for Cr and Ag.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
05:36	JA61985-2	1		(sample used for QC only; not part of login JA62028)
05:41	MP55928-SD1	5		CCV out for Cr and Ag.
---------->	Last reportable sample/prep for job JA62028			
05:47	ZZZZZZ	1		
05:53	MA25450-CCV14	1		
05:59	MA25450-CCB14	1		
06:05	ZZZZZZ	1		
06:11	ZZZZZZ	1		
06:17	ZZZZZZ	1		
06:23	MP55883-MB1	1		CCV out for Cr and Fe.
06:29	MP55883-MB2	1		CCV out for Cr and Fe.
06:35	MP55883-LC1	1		CCV out for Cr and Fe.
06:41	MP55883-S1	1		CCV out for Cr and Fe.
06:47	MP55883-S2	1		CCV out for Cr and Fe.
06:53	JA61390-1	1		(sample used for QC only; not part of login JA62028)
06:59	MP55883-SD1	5		CCV out for Cr and Fe.
07:05	MA25450-CCV15	1		
07:11	MA25450-CCB15	1		
07:17	MA25450-ICSA3	1		
07:23	MA25450-ICSAB3	1		
07:29	MA25450-CCV16	1		
07:35	MA25450-CCB16	1		
---------->	Last reportable CCB for job JA62028			
07:41	ZZZZZZ	1		
07:47	ZZZZZZ	1		
07:53	ZZZZZZ	1		
07:59	ZZZZZZ	1		
08:06	MA25450-ICSA4	1		
08:12	MA25450-ICSAB4	1		
08:18	MA25450-CCV17	1		
08:24	MA25450-CCB17	1		

Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
16:21	MA25450-STD1	1816 R	83770 R	38329 R	5556 R
16:27	MA25450-STD2	1769	82902	38967	5327
16:33	MA25450-STD3	1692	80588	38273	4930
16:39	MA25450-CCV1	1735	82325	38818	5180
16:45	MA25450-CCB1	1791	85251	39389	5501
16:51	MA25450-CRIB1	1782	83042	39303	5460
16:57	MA25450-CRID1	1776	83147	39879	5465
17:03	MA25450-ICV1	1778	83918	39225	5435
17:09	MA25450-ICB1	1788	83101	39104	5504
17:15	MA25450-CCV2	1721	81780	38549	5162
17:21	MA25450-CCB2	1784	83221	39308	5507
17:27	MA25450-ICSA1	1569	75146	35955	4445
17:33	MA25450-ICSAB1	1569	75018	36490	4441
17:39	MA25450-CCV3	1728	81540	38378	5184
17:45	MA25450-CCB3	1787	83582	39176	5526
17:51	MP55886-MB1	1750	82522	38958	5474
17:57	MP55886-LC1	1739	82059	38718	5404
18:03	MP55886-S1	1665	80662	37944	5106
18:09	MP55886-S2	1667	80549	37920	5115
18:15	JA61962-4	1699	83397	38272	5278
18:21	MP55886-SD1	1765	83045	38951	5486
18:27	ZZZZZZ	1703	81975	38625	5285
18:33	ZZZZZZ	1695	81249	38379	5208
18:39	ZZZZZZ	1676	80414	38103	5155
18:46	ZZZZZZ	1670	80972	38129	5162
18:52	MA25450-CCV4	1732	81855	38703	5226
18:57	MA25450-CCB4	1804	83972	39352	5597
19:04	ZZZZZZ	1675	80954	38155	5184
19:10	ZZZZZZ	1708	82548	38587	5351
19:16	ZZZZZZ	1704	80764	38103	5338
19:22	ZZZZZZ	1679	79209	37401	5202
19:28	ZZZZZZ	1719	81761	38610	5375
19:34	ZZZZZZ	1712	81337	37536	5315

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
19:40	ZZZZZZ	1722	80261	37583	5357
19:46	ZZZZZZ	1670	80110	37700	5091
19:52	ZZZZZZ	1730	81108	38229	5365
19:58	ZZZZZZ	1659	78613	37376	5037
20:04	MA25450-CCV5	1771	81772	38646	5291
20:10	MA25450-CCB5	1850	84324	38982	5676
20:16	ZZZZZZ	1718	79930	999999 !	5326
20:22	ZZZZZZ	1720	81026	38583	5365
20:28	ZZZZZZ	1745	81797	38685	5432
20:34	ZZZZZZ	1664	79185	37488	5046
20:40	ZZZZZZ	1788	85326	39172	5564
20:46	MA25450-CRIB2	1833	84461	38630	5603
20:52	ZZZZZZ	1803	82705	39088	5556
20:58	ZZZZZZ	1815	83313	39630	5625
21:04	ZZZZZZ	1807	83374	39487	5619
21:10	MA25450-CRIB3	1824	84934	39841	5591
21:16	MA25450-CCV6	1763	82682	38411	5285
21:22	MA25450-CCB6	1818	84715	39562	5622
21:28	MP55804-S1	1777	81960	38559	5383
21:34	MP55804-S2	1784	82834	38497	5400
21:40	ZZZZZZ	1765	80994	37515	5100
21:46	MP55804-SD1	1795	82996	38516	5521
21:52	ZZZZZZ	1707	81258	38587	5390
21:58	ZZZZZZ	1693	80240	37692	5239
22:04	ZZZZZZ	1551	74569	35202	4340
22:10	ZZZZZZ	1570	76208	35861	4693
22:17	MP55906-MB1	1599	77286	36454	4651
22:23	MP55906-B1	1622	77241	36706	4682
22:29	MA25450-CCV7	1781	82327	38609	5339
22:34	MA25450-CCB7	1842	83551	39051	5688
22:41	MP55906-S1	1783	83020	39188	5571
22:46	MP55906-S2	1774	83001	38971	5538
22:52	JA62378-1	1771	82270	38980	5533

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
22:58	MP55906-SD1	1826	83345	39227	5666
23:04	MP55905-MB1	1732	81644	39496	5664
23:10	MP55905-B1	1722	82112	39567	5652
23:16	MP55905-S1	1352	70502	33734	4052
23:23	MP55905-S2	1344	69961	33352	4016
23:29	JA62312-1	1343	69063	33412	4018
23:35	MP55905-SD1	1611	78099	37017	4983
23:41	MA25450-CCV8	1765	80898	38924	5312
23:47	MA25450-CCB8	1845	83718	39234	5726
23:53	ZZZZZZ	1814	84918	39862	5685
23:59	ZZZZZZ	1760	83214	38823	5461
00:05	ZZZZZZ	1774	84100	39430	5533
00:11	ZZZZZZ	1742	82956	39156	5386
00:17	ZZZZZZ	1741	82904	39076	5379
00:23	ZZZZZZ	1783	82684	39084	5509
00:28	ZZZZZZ	1802	83595	39211	5563
00:34	ZZZZZZ	1839	84283	39167	5691
00:40	ZZZZZZ	1762	81555	38778	5505
00:46	MA25450-CCV9	1770	81810	38642	5325
00:52	MA25450-CCB9	1839	83582	39111	5706
00:58	MA25450-ICSA2	1616	75676	36593	4592
01:04	MA25450-ICSAB2	1611	75768	36462	4567
01:11	MA25450-CCV10	1777	80177	38122	5340
01:16	MA25450-CCB10	1845	84406	39356	5700
01:23	ZZZZZZ	1852	83177	40228	5752
01:29	ZZZZZZ	1851	84420	39478	5736
01:35	ZZZZZZ	1843	84426	39288	5715
01:41	ZZZZZZ	1809	83270	39245	5584
01:47	ZZZZZZ	1714	80898	37791	5222
01:53	ZZZZZZ	1866	79415	39589	5457
01:59	ZZZZZZ	1722	80570	37844	5200
02:05	ZZZZZZ	1848	84062	39089	5728
02:11	ZZZZZZ	1853	84103	39319	5752

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
02:17	ZZZZZZ	1851	84270	39340	5738
02:23	MA25450-CCV11	1771	81832	38374	5340
02:29	MA25450-CCB11	1835	84473	39373	5709
02:35	MP55908-MB1	1599	77508	36710	4699
02:41	MP55908-B1	1595	77041	36603	4671
02:47	MP55908-S1	1442	73203	34585	4084
02:53	MP55908-S2	1447	73204	34586	4090
02:59	JA62308-1	1452	73019	34474	4117
03:06	MP55908-SD1	1656	78022	36833	5023
03:12	ZZZZZZ	1476	73910	35128	4263
03:18	ZZZZZZ	1528	76221	35799	4451
03:24	ZZZZZZ	1518	75624	35973	4453
03:30	MA25450-CCV12	1741	83585	38785	5274
03:36	MA25450-CCB12	1828	83509	38944	5686
03:42	MP55851-MB2	1577	76718	36616	4645
03:48	MP55851-LC1	1765	81478	38324	5531
03:54	ZZZZZZ	1428	73208	34121	4138
04:00	MP55933-MB1	1822	82706	38841	5730
04:06	MP55933-LC1	1816	83001	38684	5655
04:12	MP55933-S1	1697	80011	37105	5199
04:18	MP55933-S2	1673	79797	37322	5131
04:24	JA61494-1	1703	80607	37516	5269
04:30	MP55933-SD1	1794	83104	38641	5612
04:36	ZZZZZZ	1749	82177	38457	5624
04:42	MA25450-CCV13	1763	81296	38319	5347
04:48	MA25450-CCB13	1839	84263	39128	5733
04:54	ZZZZZZ	1538	75213	34209	4880
05:00	ZZZZZZ	1779	82540	38982	5569
05:06	ZZZZZZ	1776	82550	39135	5568
05:12	MP55928-MB1	1831	87189	40558	5781
05:18	MP55928-B1	1768	82090	39107	5492
05:24	MP55928-S1	1796	84595	40107	5259
05:30	MP55928-S2	1807	84841	39512	5281

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25450
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
05:36	JA61985-2	1777	83484	39323	5375
05:41	MP55928-SD1	1815	84885	39921	5637
05:47	ZZZZZZ	1673	80312	37955	5193
05:53	MA25450-CCV14	1764	80893	39320	5371
05:59	MA25450-CCB14	1835	84561	39847	5732
06:05	ZZZZZZ	1719	81890	38624	5222
06:11	ZZZZZZ	1710	81565	38761	5179
06:17	ZZZZZZ	1689	80882	39065	5114
06:23	MP55883-MB1	1807	83289	39575	5716
06:29	MP55883-MB2	1807	83793	39733	5700
06:35	MP55883-LC1	1788	83358	39485	5619
06:41	MP55883-S1	1746	82244	39164	5452
06:47	MP55883-S2	1754	82552	39157	5455
06:53	JA61390-1	1799	84090	39574	5668
06:59	MP55883-SD1	1836	84538	39689	5787
07:05	MA25450-CCV15	1783	83124	39139	5402
07:11	MA25450-CCB15	1837	85022	39783	5753
07:17	MA25450-ICSA3	1614	76339	36984	4637
07:23	MA25450-ICSAB3	1615	76268	36737	4621
07:29	MA25450-CCV16	1769	82950	39107	5372
07:35	MA25450-CCB16	1835	84880	39742	5739
07:41	ZZZZZZ	1690	81166	38269	5270
07:47	ZZZZZZ	1697	79663	38476	5283
07:53	ZZZZZZ	1794	84364	38387	5686
07:59	ZZZZZZ	1697	80244	38965	5274
08:06	MA25450-ICSA4	1584	76492	36718	4583
08:12	MA25450-ICSAB4	1582	76054	36940	4567
08:18	MA25450-CCV17	1722	82427	38944	5296
08:24	MA25450-CCB17	1774	83690	39221	5612

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3600)	60-125 %
Istd#3	Yttrium (3710)	60-125 %
Istd#4	Indium	60-125 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25450 Units: ug/l

Time: / Sample ID:			17:09 ICB1		17:21 CCB2		17:45 CCB3		18:57 CCB4	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	-2.2	<200	-1.2	<200	-1.8	<200	2.2	<200
Antimony	6.0	1.2	0.30	<6.0	-0.10	<6.0	-0.40	<6.0	0.40	<6.0
Arsenic	3.0	1.2	0.30	<3.0	0.50	<3.0	0.80	<3.0	0.80	<3.0
Barium	200	.2	0.0	<200	0.0	<200	0.0	<200	0.10	<200
Beryllium	1.0	.2	0.0	<1.0	0.0	<1.0	0.0	<1.0	0.0	<1.0
Boron	100	.8								
Cadmium	3.0	.2	0.0	<3.0	0.0	<3.0	0.0	<3.0	0.0	<3.0
Calcium	5000	11	-12	<5000	-12	<5000	-11	<5000	-7.9	<5000
Chromium	10	.3	anr							
Cobalt	50	.3	0.20	<50	0.10	<50	0.0	<50	0.10	<50
Copper	10	.3	0.30	<10	0.30	<10	0.10	<10	0.40	<10
Iron	100	2	0.10	<100	0.70	<100	1.7	<100	2.1	<100
Lead	3.0	.9	-0.40	<3.0	-0.10	<3.0	-0.50	<3.0	0.10	<3.0
Magnesium	5000	13	-2.9	<5000	-5.6	<5000	4.0	<5000	-1.7	<5000
Manganese	15	.2	0.0	<15	0.0	<15	0.0	<15	0.10	<15
Molybdenum	20	.7								
Nickel	10	.3	-0.20	<10	0.0	<10	-0.20	<10	-0.40	<10
Palladium	50	1.1								
Potassium	10000	15	9.1	<10000	11.5	<10000	4.9	<10000	13.8	<10000
Selenium	10	1.6	1.4	<10	0.80	<10	1.1	<10	0.60	<10
Silicon	200	5.2								
Silver	10	.3	anr							
Sodium	10000	7.9	-13	<10000	-12	<10000	-5.5	<10000	-7.9	<10000
Strontium	10	.1								
Thallium	2.0	1.3	0.10	<2.0	0.70	<2.0	1.5	<2.0	1.2	<2.0
Tin	10	.3								
Titanium	10	.3								
Tungsten	50	11								
Vanadium	50	.2	0.40	<50	-0.10	<50	0.0	<50	0.20	<50
Zinc	20	2.8	0.0	<20	0.0	<20	0.0	<20	0.0	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25450 Units: ug/l

Time: / Sample ID:			20:10 CCB5		21:22 CCB6		22:34 CCB7		23:47 CCB8	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	1.3	<200	2.9	<200	-1.0	<200	3.3	<200
Antimony	6.0	1.2	0.10	<6.0	0.40	<6.0	0.20	<6.0	-0.30	<6.0
Arsenic	3.0	1.2	0.40	<3.0	0.20	<3.0	0.20	<3.0	0.30	<3.0
Barium	200	.2	0.0	<200	0.0	<200	0.0	<200	0.0	<200
Beryllium	1.0	.2	0.0	<1.0	0.0	<1.0	0.0	<1.0	0.0	<1.0
Boron	100	.8								
Cadmium	3.0	.2	-0.10	<3.0	0.0	<3.0	0.0	<3.0	0.0	<3.0
Calcium	5000	11	-9.1	<5000	-7.5	<5000	-6.7	<5000	-4.0	<5000
Chromium	10	.3	anr							
Cobalt	50	.3	-0.10	<50	0.0	<50	0.10	<50	0.0	<50
Copper	10	.3	0.20	<10	0.30	<10	0.40	<10	0.60	<10
Iron	100	2	2.6	<100	1.6	<100	1.7	<100	2.3	<100
Lead	3.0	.9	0.0	<3.0	-0.40	<3.0	0.10	<3.0	0.10	<3.0
Magnesium	5000	13	-0.10	<5000	0.30	<5000	-0.70	<5000	2.8	<5000
Manganese	15	.2	0.0	<15	0.0	<15	0.0	<15	0.0	<15
Molybdenum	20	.7								
Nickel	10	.3	-0.20	<10	-0.20	<10	-0.50	<10	-0.50	<10
Palladium	50	1.1								
Potassium	10000	15	21.2	<10000	15.2	<10000	23.0	<10000	25.6	<10000
Selenium	10	1.6	0.10	<10	1.2	<10	-0.10	<10	0.30	<10
Silicon	200	5.2								
Silver	10	.3	anr							
Sodium	10000	7.9	-9.1	<10000	-18	<10000	89.9	<10000	9.7	<10000
Strontium	10	.1								
Thallium	2.0	1.3	0.90	<2.0	0.70	<2.0	1.0	<2.0	2.0	<2.0*(a)
Tin	10	.3								
Titanium	10	.3								
Tungsten	50	11								
Vanadium	50	.2	-0.10	<50	0.0	<50	-0.10	<50	-0.10	<50
Zinc	20	2.8	0.0	<20	0.20	<20	0.30	<20	0.20	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for TLNJ in the area bracketed by this QC.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25450 Units: ug/l

Time: / Sample ID:			00:52 CCB9		01:16 CCB10		02:29 CCB11		03:36 CCB12	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	-1.3	<200	-0.60	<200	-0.10	<200	1.8	<200
Antimony	6.0	1.2	-0.10	<6.0	-0.20	<6.0	0.30	<6.0	-0.50	<6.0
Arsenic	3.0	1.2	0.10	<3.0	0.70	<3.0	-0.20	<3.0	0.20	<3.0
Barium	200	.2	0.0	<200	0.0	<200	0.0	<200	0.0	<200
Beryllium	1.0	.2	0.0	<1.0	0.0	<1.0	0.0	<1.0	0.0	<1.0
Boron	100	.8								
Cadmium	3.0	.2	0.0	<3.0	0.10	<3.0	0.0	<3.0	0.10	<3.0
Calcium	5000	11	-3.7	<5000	-3.9	<5000	-4.6	<5000	18.1	<5000
Chromium	10	.3	anr							
Cobalt	50	.3	0.10	<50	0.20	<50	0.0	<50	0.10	<50
Copper	10	.3	0.50	<10	0.40	<10	0.30	<10	0.50	<10
Iron	100	2	2.2	<100	3.1	<100	2.5	<100	2.9	<100
Lead	3.0	.9	0.10	<3.0	0.0	<3.0	-0.40	<3.0	1.0	<3.0
Magnesium	5000	13	-1.3	<5000	3.1	<5000	2.5	<5000	0.50	<5000
Manganese	15	.2	0.0	<15	0.0	<15	0.0	<15	0.0	<15
Molybdenum	20	.7								
Nickel	10	.3	-0.70	<10	-0.50	<10	-0.60	<10	-0.50	<10
Palladium	50	1.1								
Potassium	10000	15	26.6	<10000	13.5	<10000	12.1	<10000	101	<10000
Selenium	10	1.6	0.70	<10	0.90	<10	0.30	<10	0.20	<10
Silicon	200	5.2								
Silver	10	.3	anr							
Sodium	10000	7.9	-13	<10000	-13	<10000	-22	<10000	153	<10000
Strontium	10	.1								
Thallium	2.0	1.3	1.4	<2.0	1.1	<2.0	1.0	<2.0	0.80	<2.0
Tin	10	.3								
Titanium	10	.3								
Tungsten	50	11								
Vanadium	50	.2	-0.10	<50	0.10	<50	-0.10	<50	0.0	<50
Zinc	20	2.8	0.40	<20	0.30	<20	0.30	<20	4.4	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25450 Units: ug/l

Time:			04:48		05:59		07:11		07:35	
Sample ID:			CCB13		CCB14		CCB15		CCB16	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	3.0	<200	-1.3	<200	-0.20	<200	4.4	<200
Antimony	6.0	1.2	-0.40	<6.0	-0.50	<6.0	-0.40	<6.0	-0.30	<6.0
Arsenic	3.0	1.2	0.50	<3.0	0.50	<3.0	1.1	<3.0	0.40	<3.0
Barium	200	.2	0.0	<200	0.0	<200	0.0	<200	0.0	<200
Beryllium	1.0	.2	0.0	<1.0	0.0	<1.0	0.0	<1.0	0.0	<1.0
Boron	100	.8								
Cadmium	3.0	.2	0.0	<3.0	0.0	<3.0	0.0	<3.0	0.0	<3.0
Calcium	5000	11	17.8	<5000	19.5	<5000	21.6	<5000	22.0	<5000
Chromium	10	.3	anr							
Cobalt	50	.3	0.10	<50	0.10	<50	0.20	<50	0.0	<50
Copper	10	.3	0.20	<10	0.40	<10	0.30	<10	0.30	<10
Iron	100	2	7.4	<100	5.8	<100	4.9	<100	5.0	<100
Lead	3.0	.9	0.20	<3.0	0.30	<3.0	-0.40	<3.0	0.50	<3.0
Magnesium	5000	13	3.0	<5000	5.6	<5000	-1.0	<5000	-2.0	<5000
Manganese	15	.2	0.0	<15	0.0	<15	0.10	<15	0.10	<15
Molybdenum	20	.7								
Nickel	10	.3	-0.60	<10	-0.50	<10	-0.60	<10	-0.80	<10
Palladium	50	1.1								
Potassium	10000	15	57.8	<10000	28.1	<10000	27.4	<10000	25.4	<10000
Selenium	10	1.6	0.70	<10	0.30	<10	0.20	<10	-0.60	<10
Silicon	200	5.2								
Silver	10	.3	anr							
Sodium	10000	7.9	39.0	<10000	-16	<10000	-14	<10000	-17	<10000
Strontium	10	.1								
Thallium	2.0	1.3	1.8	<2.0	0.80	<2.0	0.70	<2.0	2.0	<2.0*(a)
Tin	10	.3								
Titanium	10	.3								
Tungsten	50	11								
Vanadium	50	.2	-0.10	<50	-0.10	<50	0.0	<50	-0.10	<50
Zinc	20	2.8	4.5	<20	4.3	<20	4.2	<20	4.4	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for TLNJ in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25450 Units: ug/l

Time:		17:03			17:15			17:39	
Sample ID:	ICV	ICV1		CCV	CCV2		CCV	CCV3	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	5000	4860	97.2	40000	40100	100.3	40000	40200	100.5
Antimony	1000	988	98.8	2000	2040	102.0	2000	2050	102.5
Arsenic	1000	989	98.9	2000	2040	102.0	2000	2030	101.5
Barium	1000	1030	103.0	2000	2060	103.0	2000	2070	103.5
Beryllium	1000	1020	102.0	2000	2080	104.0	2000	2090	104.5
Boron									
Cadmium	1000	979	97.9	2000	2030	101.5	2000	2040	102.0
Calcium	5000	4840	96.8	40000	40100	100.3	40000	40300	100.8
Chromium	anr								
Cobalt	1000	1000	100.0	2000	2050	102.5	2000	2060	103.0
Copper	1000	978	97.8	2000	1990	99.5	2000	1990	99.5
Iron	5000	5220	104.4	40000	40900	102.3	40000	41200	103.0
Lead	1000	967	96.7	2000	2000	100.0	2000	1990	99.5
Magnesium	5000	4910	98.2	40000	39800	99.5	40000	40000	100.0
Manganese	1000	1010	101.0	2000	2030	101.5	2000	2060	103.0
Molybdenum									
Nickel	1000	980	98.0	2000	2010	100.5	2000	2000	100.0
Palladium									
Potassium	10000	10000	100.0	40000	40600	101.5	40000	40700	101.8
Selenium	1000	983	98.3	2000	2040	102.0	2000	2030	101.5
Silicon									
Silver	anr								
Sodium	10000	10000	100.0	40000	41100	102.8	40000	41000	102.5
Strontium									
Thallium	1000	977	97.7	2000	2040	102.0	2000	2060	103.0
Tin									
Titanium									
Tungsten									
Vanadium	1000	969	96.9	2000	2010	100.5	2000	2040	102.0
Zinc	1000	1010	101.0	2000	2050	102.5	2000	2050	102.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25450 Units: ug/l

Time:		18:52			20:04			21:16	
Sample ID:	CCV	CCV4		CCV	CCV5		CCV	CCV6	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	40400	101.0	40000	40000	100.0	40000	41000	102.5
Antimony	2000	2060	103.0	2000	2020	101.0	2000	2060	103.0
Arsenic	2000	2040	102.0	2000	2010	100.5	2000	2040	102.0
Barium	2000	2070	103.5	2000	2050	102.5	2000	2090	104.5
Beryllium	2000	2080	104.0	2000	2090	104.5	2000	2130	106.5
Boron									
Cadmium	2000	2040	102.0	2000	2030	101.5	2000	2040	102.0
Calcium	40000	40100	100.3	40000	40600	101.5	40000	41400	103.5
Chromium	anr								
Cobalt	2000	2070	103.5	2000	2050	102.5	2000	2070	103.5
Copper	2000	1980	99.0	2000	1990	99.5	2000	1990	99.5
Iron	40000	41300	103.3	40000	41500	103.8	40000	42300	105.8
Lead	2000	1970	98.5	2000	1980	99.0	2000	1980	99.0
Magnesium	40000	39700	99.3	40000	40100	100.3	40000	40600	101.5
Manganese	2000	2050	102.5	2000	2080	104.0	2000	2050	102.5
Molybdenum									
Nickel	2000	1990	99.5	2000	2000	100.0	2000	2010	100.5
Palladium									
Potassium	40000	40600	101.5	40000	40700	101.8	40000	41000	102.5
Selenium	2000	2030	101.5	2000	2000	100.0	2000	2040	102.0
Silicon									
Silver	anr								
Sodium	40000	41100	102.8	40000	40500	101.3	40000	41500	103.8
Strontium									
Thallium	2000	2070	103.5	2000	2060	103.0	2000	2080	104.0
Tin									
Titanium									
Tungsten									
Vanadium	2000	2030	101.5	2000	2050	102.5	2000	2030	101.5
Zinc	2000	2050	102.5	2000	2050	102.5	2000	2060	103.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25450 Units: ug/l

Time:		22:29			23:41			00:46	
Sample ID:	CCV	CCV7		CCV	CCV8		CCV	CCV9	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	41100	102.8	40000	40400	101.0	40000	41100	102.8
Antimony	2000	2070	103.5	2000	2090	104.5	2000	2110	105.5
Arsenic	2000	2050	102.5	2000	2070	103.5	2000	2070	103.5
Barium	2000	2090	104.5	2000	2070	103.5	2000	2100	105.0
Beryllium	2000	2140	107.0	2000	2100	105.0	2000	2140	107.0
Boron									
Cadmium	2000	2070	103.5	2000	2080	104.0	2000	2090	104.5
Calcium	40000	41500	103.8	40000	40900	102.3	40000	41700	104.3
Chromium	anr								
Cobalt	2000	2090	104.5	2000	2110	105.5	2000	2120	106.0
Copper	2000	1990	99.5	2000	2040	102.0	2000	2010	100.5
Iron	40000	42500	106.3	40000	41900	104.8	40000	42600	106.5
Lead	2000	2000	100.0	2000	2000	100.0	2000	2000	100.0
Magnesium	40000	40900	102.3	40000	40300	100.8	40000	40900	102.3
Manganese	2000	2100	105.0	2000	2140	107.0	2000	2110	105.5
Molybdenum									
Nickel	2000	2030	101.5	2000	2030	101.5	2000	2040	102.0
Palladium									
Potassium	40000	41500	103.8	40000	40900	102.3	40000	41500	103.8
Selenium	2000	2050	102.5	2000	2070	103.5	2000	2070	103.5
Silicon									
Silver	anr								
Sodium	40000	40800	102.0	40000	40500	101.3	40000	41300	103.3
Strontium									
Thallium	2000	2110	105.5	2000	2130	106.5	2000	2140	107.0
Tin									
Titanium									
Tungsten									
Vanadium	2000	2070	103.5	2000	2110	105.5	2000	2080	104.0
Zinc	2000	2100	105.0	2000	2110	105.5	2000	2120	106.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25450 Units: ug/l

Time:		01:11			02:23			03:30	
Sample ID:	CCV	CCV10		CCV	CCV11		CCV	CCV12	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	41700	104.3	40000	41500	103.8	40000	40600	101.5
Antimony	2000	2100	105.0	2000	2130	106.5	2000	2160	108.0
Arsenic	2000	2070	103.5	2000	2090	104.5	2000	2110	105.5
Barium	2000	2140	107.0	2000	2130	106.5	2000	2090	104.5
Beryllium	2000	2180	109.0	2000	2160	108.0	2000	2110	105.5
Boron									
Cadmium	2000	2090	104.5	2000	2110	105.5	2000	2130	106.5
Calcium	40000	42500	106.3	40000	42000	105.0	40000	41200	103.0
Chromium	anr								
Cobalt	2000	2120	106.0	2000	2140	107.0	2000	2160	108.0
Copper	2000	2060	103.0	2000	2020	101.0	2000	1950	97.5
Iron	40000	43500	108.8	40000	43100	107.8	40000	42200	105.5
Lead	2000	2000	100.0	2000	2000	100.0	2000	2000	100.0
Magnesium	40000	41800	104.5	40000	41300	103.3	40000	40500	101.3
Manganese	2000	2190	109.5	2000	2140	107.0	2000	2070	103.5
Molybdenum									
Nickel	2000	2040	102.0	2000	2040	102.0	2000	2050	102.5
Palladium									
Potassium	40000	42200	105.5	40000	42000	105.0	40000	41200	103.0
Selenium	2000	2060	103.0	2000	2080	104.0	2000	2110	105.5
Silicon									
Silver	anr								
Sodium	40000	41800	104.5	40000	41600	104.0	40000	39300	98.3
Strontium									
Thallium	2000	2140	107.0	2000	2160	108.0	2000	2180	109.0
Tin									
Titanium									
Tungsten									
Vanadium	2000	2150	107.5	2000	2100	105.0	2000	2030	101.5
Zinc	2000	2110	105.5	2000	2120	106.0	2000	2140	107.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25450 Units: ug/l

Time:		04:42			05:53			07:05	
Sample ID:	CCV	CCV13		CCV	CCV14		CCV	CCV15	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	42000	105.0	40000	41200	103.0	40000	41900	104.8
Antimony	2000	2150	107.5	2000	2170	108.5	2000	2160	108.0
Arsenic	2000	2100	105.0	2000	2110	105.5	2000	2120	106.0
Barium	2000	2150	107.5	2000	2100	105.0	2000	2130	106.5
Beryllium	2000	2170	108.5	2000	2140	107.0	2000	2180	109.0
Boron									
Cadmium	2000	2120	106.0	2000	2140	107.0	2000	2140	107.0
Calcium	40000	42400	106.0	40000	41800	104.5	40000	42600	106.5
Chromium	anr								
Cobalt	2000	2150	107.5	2000	2170	108.5	2000	2170	108.5
Copper	2000	2030	101.5	2000	2050	102.5	2000	2010	100.5
Iron	40000	43500	108.8	40000	43400	108.5	40000	44100	110.3*(a
Lead	2000	1990	99.5	2000	1980	99.0	2000	2000	100.0
Magnesium	40000	41600	104.0	40000	41300	103.3	40000	41900	104.8
Manganese	2000	2160	108.0	2000	2180	109.0	2000	2130	106.5
Molybdenum									
Nickel	2000	2040	102.0	2000	2040	102.0	2000	2050	102.5
Palladium									
Potassium	40000	42400	106.0	40000	41800	104.5	40000	42100	105.3
Selenium	2000	2080	104.0	2000	2100	105.0	2000	2100	105.0
Silicon									
Silver	anr								
Sodium	40000	41500	103.8	40000	41000	102.5	40000	41700	104.3
Strontium									
Thallium	2000	2180	109.0	2000	2200	110.0	2000	2200	110.0
Tin									
Titanium									
Tungsten									
Vanadium	2000	2120	106.0	2000	2140	107.0	2000	2090	104.5
Zinc	2000	2120	106.0	2000	2130	106.5	2000	2150	107.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for this element in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25450 Units: ug/l

Time:		07:29	
Sample ID:	CCV	CCV16	
Metal	True	Results	% Rec
Aluminum	40000	42400	106.0
Antimony	2000	2180	109.0
Arsenic	2000	2130	106.5
Barium	2000	2160	108.0
Beryllium	2000	2190	109.5
Boron			
Cadmium	2000	2150	107.5
Calcium	40000	42600	106.5
Chromium	anr		
Cobalt	2000	2180	109.0
Copper	2000	2010	100.5
Iron	40000	44400	111.0*(a
Lead	2000	2000	100.0
Magnesium	40000	42000	105.0
Manganese	2000	2150	107.5
Molybdenum			
Nickel	2000	2050	102.5
Palladium			
Potassium	40000	42500	106.3
Selenium	2000	2110	105.5
Silicon			
Silver	anr		
Sodium	40000	42000	105.0
Strontium			
Thallium	2000	2210	110.5*(a
Tin			
Titanium			
Tungsten			
Vanadium	2000	2110	105.5
Zinc	2000	2150	107.5
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for this element in the area bracketed by this QC.

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25450 Units: ug/l

Time:				16:57	
Sample ID:	CRI	CRIA	CRID	CRID1	
Metal	True	True	True	Results	% Rec
Aluminum			100	98.9	98.9
Antimony	120		3.0	3.8	126.7
Arsenic	20	3.0	3.0	3.6	120.0
Barium	400		4.0	4.1	102.5
Beryllium	10	1.0	1.0	1.1	110.0
Boron			10		
Cadmium	10		1.0	1.0	100.0
Calcium			1000	1010	101.0
Chromium	20		2.0	anr	
Cobalt	100		3.0	2.8	93.3
Copper	50		2.0	2.1	105.0
Iron					
Lead	6.0		2.5	1.6	64.0
Magnesium			100	97.9	97.9
Manganese	30		3.0	3.4	113.3
Molybdenum	40				
Nickel	80		4.0	4.6	115.0
Palladium	100				
Potassium			2000	2090	104.5
Selenium	10		5.0	5.5	110.0
Silicon					
Silver	20		1.0	anr	
Sodium			1000	1030	103.0
Strontium					
Thallium	20	2.0	2.0	3.1	155.0*(a
Tin					
Titanium					
Tungsten	50				
Vanadium	100		2.0	2.1	105.0
Zinc	40		10	11.0	110.0
Zirconium	10	10	5.0		

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for TLNJ in the area bracketed by this QC.

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25450 Units: ug/l

Time:		16:51		20:46		21:10	
Sample ID:	CRIB	CRIB1		CRIB2		CRIB3	
Metal	True	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	200	193	96.5	195	97.5	193	96.5
Antimony	6.0	5.4	90.0	5.5	91.7	5.2	86.7
Arsenic	8.0	8.9	111.3	8.1	101.3	8.4	105.0
Barium	200	203	101.5	205	102.5	199	99.5
Beryllium	2.0	2.1	105.0	2.1	105.0	2.0	100.0
Boron	100						
Cadmium	3.0	2.8	93.3	2.8	93.3	2.7	90.0
Calcium	5000	4980	99.6	5130	102.6	5000	100.0
Chromium	10						
Cobalt	50	50.5	101.0	50.7	101.4	50.7	101.4
Copper	10	9.7	97.0	9.2	92.0	9.4	94.0
Iron	100	123	123.0	125	125.0	122	122.0
Lead	3.0	3.0	100.0	3.3	110.0	2.7	90.0
Magnesium	5000	4880	97.6	5000	100.0	4830	96.6
Manganese	15	16.0	106.7	16.0	106.7	15.9	106.0
Molybdenum	20						
Nickel	10	10.7	107.0	10.3	103.0	10.2	102.0
Palladium	50						
Potassium	10000	10000	100.0	10200	102.0	9810	98.1
Selenium	10	9.2	92.0	8.9	89.0	9.1	91.0
Silicon	200						
Silver	5.0						
Sodium	10000	10100	101.0	10200	102.0	9870	98.7
Strontium	10						
Thallium	10	12.4	124.0	12.1	121.0	11.8	118.0
Tin	10						
Titanium	10						
Tungsten	50						
Vanadium	50	49.9	99.8	49.2	98.4	48.8	97.6
Zinc	20	21.8	109.0	22.0	110.0	21.8	109.0
Zirconium	10						

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25450 Units: ug/l

Time:			17:27		17:33		00:58		01:04	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	522000	104.4	534000	106.8	516000	103.2	533000	106.6
Antimony		1000	-2.2		1090	109.0	-0.80		1110	111.0
Arsenic		1000	2.4		1070	107.0	3.5		1070	107.0
Barium		500	-4.2		538	107.6	-4.2		539	107.8
Beryllium		500	0.0		517	103.4	0.0		524	104.8
Boron			-1.0		-18		-3.3		-20	
Cadmium		1000	-0.80		1110	111.0	-0.70		1120	112.0
Calcium	400000	400000	396000	99.0	402000	100.5	394000	98.5	406000	101.5
Chromium		500	-0.20		513	102.6	-0.40		531	106.2
Cobalt		500	1.8		493	98.6	1.7		500	100.0
Copper		500	1.2		542	108.4	1.4		536	107.2
Iron	200000	200000	192000	96.0	191000	95.5	194000	97.0	196000	98.0
Lead		1000	-2.1		1010	101.0	-2.3		1010	101.0
Magnesium	500000	500000	535000	107.0	535000	107.0	533000	106.6	544000	108.8
Manganese		500	-0.50		520	104.0	-0.40		530	106.0
Molybdenum		500	2.0		517	103.4	1.8		521	104.2
Nickel		1000	0.90		1010	101.0	0.20		1010	101.0
Palladium		500	-7.0		580	116.0	-26		569	113.8
Potassium			-28		-19		-11		-18	
Selenium		1000	0.90		1020	102.0	2.2		1030	103.0
Silicon			-12		-10		-11		-9.4	
Silver		1000	-4.1		1130	113.0	-1.0		1180	118.0
Sodium			431		484		421		467	
Strontium			0.70		0.60		0.60		0.70	
Thallium		1000	-0.90		1020	102.0	0.70		1040	104.0
Tin			-6.2		-6.4		-8.0		-6.9	
Titanium			2.7		3.7		3.5		3.8	
Tungsten		500	51.6		567	113.4	35.2		554	110.8
Vanadium		500	2.3		499	99.8	1.8		504	100.8
Zinc		1000	-2.1		936	93.6	-1.9		948	94.8
Zirconium		500	4.7		461	92.2	5.0		462	92.4

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120110M3.ICP Date Analyzed: 12/01/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25450 Units: ug/l

Time:			07:17		07:23	
Sample ID:	ICSA	ICSAB	ICSA3		ICSAB3	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	518000	103.6	538000	107.6
Antimony		1000	-0.90		1130	113.0
Arsenic		1000	2.4		1080	108.0
Barium		500	-4.2		545	109.0
Beryllium		500	-0.10		526	105.2
Boron			-5.0		-22	
Cadmium		1000	-0.60		1130	113.0
Calcium	400000	400000	397000	99.3	413000	103.3
Chromium		500	0.10		539	107.8
Cobalt		500	1.8		507	101.4
Copper		500	1.6		528	105.6
Iron	200000	200000	196000	98.0	201000	100.5
Lead		1000	-0.20		989	98.9
Magnesium	500000	500000	537000	107.4	549000	109.8
Manganese		500	-0.30		533	106.6
Molybdenum		500	2.1		527	105.4
Nickel		1000	-0.10		999	99.9
Palladium		500	-41		557	111.4
Potassium			-2.0		-12	
Selenium		1000	-1.3		1030	103.0
Silicon			-9.6		-12	
Silver		1000	1.5		1200	120.0
Sodium			406		452	
Strontium			0.60		0.70	
Thallium		1000	1.4		1060	106.0
Tin			-7.6		-7.9	
Titanium			3.5		3.4	
Tungsten		500	36.8		562	112.4
Vanadium		500	1.1		504	100.8
Zinc		1000	-1.6		951	95.1
Zirconium		500	5.8		462	92.4

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25454
Parameters: Cr,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:13	MA25454-STD1	1		STDA
09:19	MA25454-STD2	1		STDB
09:25	MA25454-STD3	1		STDC
09:31	MA25454-CCV1	1		
09:37	MA25454-CCB1	1		
09:43	MA25454-CRIB1	1		
09:49	MA25454-CRID1	1		
09:55	MA25454-CRIB2	1		
10:01	ZZZZZZ	1		
10:07	ZZZZZZ	1		
10:14	MA25454-ICV1	1		
10:22	MA25454-ICB1	1		
10:28	MA25454-ICCV1	1		
10:38	MA25454-CCB2	1		
10:44	MA25454-ICSA1	1		
10:50	MA25454-ICSAB1	1		
10:56	MP55854-MB2	1		
11:02	MP55854-LC1	1		
11:08	ZZZZZZ	1		
11:14	ZZZZZZ	1		
11:20	ZZZZZZ	1		
11:26	ZZZZZZ	1		
11:32	MA25454-CCV2	1		
11:38	MA25454-CCB3	1		
11:44	ZZZZZZ	1		
11:50	ZZZZZZ	1		
11:56	MP55907-MB2	1		
12:03	MP55907-MB3	1		
12:09	MP55907-LC1	1		
12:14	ZZZZZZ	1		
12:21	ZZZZZZ	1		
12:27	MP55852-MB4	1		
12:33	MP55852-LC3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25454
Parameters: Cr,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:39	ZZZZZZ	1		
12:45	MA25454-CCV3	1		
12:51	MA25454-CCB4	1		
12:57	ZZZZZZ	1		
13:03	MP55854-MB1	1		
13:09	MP55854-B1	1		
13:15	MP55854-S1	1		
13:21	MP55854-S2	1		
13:27	JA61900-1A	1		(sample used for QC only; not part of login JA62028)
13:33	MP55854-SD1	5		
13:39	ZZZZZZ	2		
13:45	ZZZZZZ	2		
13:51	ZZZZZZ	1		
13:57	MA25454-CCV4	1		
14:03	MA25454-CCB5	1		
14:09	ZZZZZZ	1		
14:15	ZZZZZZ	1		
14:21	ZZZZZZ	1		
14:27	ZZZZZZ	1		
14:33	ZZZZZZ	1		
14:39	ZZZZZZ	1		
14:45	ZZZZZZ	1		
14:51	ZZZZZZ	1		
14:57	ZZZZZZ	2		
15:03	MA25454-CCV5	1		
15:09	MA25454-CCB6	1		
15:15	ZZZZZZ	2		
15:21	ZZZZZZ	2		
15:27	ZZZZZZ	2		
15:34	ZZZZZZ	2		
15:40	MP55933-MB1	1		
15:46	MP55933-LC1	1		
15:52	MP55851-MB2	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25454
Parameters: Cr,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:58	MP55851-LC1	1		
16:04	MP55928-MB1	1		
16:10	MP55928-B1	1		
16:16	MA25454-CCV6	1		
16:21	MA25454-CCB7	1		
16:28	MA25454-ICSA2	1		
16:34	MA25454-ICSAB2	1		
16:40	ZZZZZZ	1		
16:46	ZZZZZZ	1		
16:52	ZZZZZZ	1		

Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25454
Parameters: Cr,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
09:13	MA25454-STD1	1852 R	85178 R	39655 R	5808 R
09:19	MA25454-STD2	1822	85162	39978	5626
09:25	MA25454-STD3	1726	81910	38828	5168
09:31	MA25454-CCV1	1768	84099	39664	5400
09:37	MA25454-CCB1	1844	85364	39968	5792
09:43	MA25454-CRIB1	1809	85357	39867	5694
09:49	MA25454-CRID1	1800	85509	39105	5690
09:55	MA25454-CRIB2	1779	86195	39685	5640
10:01	ZZZZZZ	1750	84989	39119	5538
10:07	ZZZZZZ	1786	86098	40497	5741
10:14	MA25454-ICV1	1795	83410	39520	5633
10:22	MA25454-ICB1	1854	85493	39628	5813
10:28	MA25454-ICCV1	1799	82481	38973	5452
10:38	MA25454-CCB2	1871	85585	40705	5841
10:44	MA25454-ICSA1	1642	78037	37426	4722
10:50	MA25454-ICSAB1	1630	78324	37632	4693
10:56	MP55854-MB2	1723	83459	39744	5735
11:02	MP55854-LC1	1770	84402	39437	5593
11:08	ZZZZZZ	1326	70355	33514	3945
11:14	ZZZZZZ	1305	69781	33353	3871
11:20	ZZZZZZ	1829	86492	40229	5762
11:26	ZZZZZZ	1348	70991	33652	4026
11:32	MA25454-CCV2	1773	82771	38897	5409
11:38	MA25454-CCB3	1855	85514	39396	5802
11:44	ZZZZZZ	1346	70288	33426	3994
11:50	ZZZZZZ	1325	69304	32440	3898
11:56	MP55907-MB2	1620	78864	36737	4768
12:03	MP55907-MB3	1619	78153	36743	4752
12:09	MP55907-LC1	1873	83733	39421	5786
12:14	ZZZZZZ	1637	80913	37398	4393
12:21	ZZZZZZ	1609	78856	36742	4472
12:27	MP55852-MB4	1688	80173	37435	4910
12:33	MP55852-LC3	1862	85099	39525	5761

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25454
Parameters: Cr,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
12:39	ZZZZZZ	1613	78995	36550	4669
12:45	MA25454-CCV3	1851	84936	39320	5549
12:51	MA25454-CCB4	1893	85792	40229	5857
12:57	ZZZZZZ	1659	78393	36496	4815
13:03	MP55854-MB1	1799	84128	39953	5925
13:09	MP55854-B1	1763	84196	38857	5832
13:15	MP55854-S1	1458	74889	35023	4412
13:21	MP55854-S2	1450	74504	35121	4381
13:27	JA61900-1A	1462	74595	34995	4397
13:33	MP55854-SD1	1704	80156	37563	5263
13:39	ZZZZZZ	1664	80456	37195	4969
13:45	ZZZZZZ	1655	80362	37287	4960
13:51	ZZZZZZ	1607	78724	36797	4762
13:57	MA25454-CCV4	1782	83260	38756	5409
14:03	MA25454-CCB5	1830	85261	40785	5726
14:09	ZZZZZZ	1776	84099	40584	5635
14:15	ZZZZZZ	1756	84268	39937	5253
14:21	ZZZZZZ	1745	82897	38482	5518
14:27	ZZZZZZ	1740	82858	38631	5530
14:33	ZZZZZZ	1693	82447	38707	5199
14:39	ZZZZZZ	1691	82342	38370	5160
14:45	ZZZZZZ	1664	80581	38424	5072
14:51	ZZZZZZ	1438	73762	34149	4183
14:57	ZZZZZZ	1548	76956	35233	4632
15:03	MA25454-CCV5	1767	82819	38566	5369
15:09	MA25454-CCB6	1837	84418	39044	5763
15:15	ZZZZZZ	1469	74337	34846	4440
15:21	ZZZZZZ	1470	75015	34717	4423
15:27	ZZZZZZ	1475	75149	35034	4453
15:34	ZZZZZZ	1472	73641	34517	4410
15:40	MP55933-MB1	1829	84093	39322	5748
15:46	MP55933-LC1	1801	83544	38646	5639
15:52	MP55851-MB2	1614	78218	36358	4749

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25454
Parameters: Cr,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
15:58	MP55851-LC1	1802	83258	38791	5663
16:04	MP55928-MB1	1869	87184	40133	5870
16:10	MP55928-B1	1792	83296	38852	5556
16:16	MA25454-CCV6	1794	83003	38438	5442
16:21	MA25454-CCB7	1856	85124	39087	5789
16:28	MA25454-ICSA2	1635	76950	35769	4677
16:34	MA25454-ICSAB2	1635	76788	36198	4683
16:40	ZZZZZZ	1828	84875	38777	5672
16:46	ZZZZZZ	1727	82721	37681	5290
16:52	ZZZZZZ	1903	80871	39712	5568

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3600)	60-125 %
Istd#3	Yttrium (3710)	60-125 %
Istd#4	Indium	60-125 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25454 Units: ug/l

Time: / Sample ID:			10:22 ICB1		10:38 CCB2		11:38 CCB3		12:51 CCB4	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5								
Antimony	6.0	1.2								
Arsenic	3.0	1.2	anr							
Barium	200	.2	anr							
Beryllium	1.0	.2								
Boron	100	.8								
Cadmium	3.0	.2	anr							
Calcium	5000	11								
Chromium	10	.3	-0.30	<10	0.0	<10	0.0	<10	-0.10	<10
Cobalt	50	.3								
Copper	10	.3								
Iron	100	2								
Lead	3.0	.9	anr							
Magnesium	5000	13								
Manganese	15	.2								
Molybdenum	20	.7								
Nickel	10	.3								
Palladium	50	1.1								
Potassium	10000	15								
Selenium	10	1.6	anr							
Silicon	200	5.2								
Silver	10	.3	-0.10	<10	0.0	<10	0.10	<10	-0.10	<10
Sodium	10000	7.9								
Strontium	10	.1								
Thallium	2.0	1.3								
Tin	10	.3								
Titanium	10	.3								
Tungsten	50	11								
Vanadium	50	.2								
Zinc	20	2.8								
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25454 Units: ug/l

Time:			14:03		15:09		16:21	
Sample ID:			CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final
Aluminum	200	2.5						
Antimony	6.0	1.2						
Arsenic	3.0	1.2	anr					
Barium	200	.2	anr					
Beryllium	1.0	.2						
Boron	100	.8						
Cadmium	3.0	.2	anr					
Calcium	5000	11						
Chromium	10	.3	0.0	<10	0.0	<10	0.0	<10
Cobalt	50	.3						
Copper	10	.3						
Iron	100	2						
Lead	3.0	.9	anr					
Magnesium	5000	13						
Manganese	15	.2						
Molybdenum	20	.7						
Nickel	10	.3						
Palladium	50	1.1						
Potassium	10000	15						
Selenium	10	1.6	anr					
Silicon	200	5.2						
Silver	10	.3	-0.10	<10	-0.30	<10	0.10	<10
Sodium	10000	7.9						
Strontium	10	.1						
Thallium	2.0	1.3						
Tin	10	.3						
Titanium	10	.3						
Tungsten	50	11						
Vanadium	50	.2						
Zinc	20	2.8						
Zirconium	10	.5						

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25454 Units: ug/l

Time:		10:28	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Aluminum			
Antimony			
Arsenic	anr		
Barium	anr		
Beryllium			
Boron			
Cadmium	anr		
Calcium			
Chromium	2000	2020	101.0
Cobalt			
Copper			
Iron			
Lead	anr		
Magnesium			
Manganese			
Molybdenum			
Nickel			
Palladium			
Potassium			
Selenium	anr		
Silicon			
Silver	250	245	98.0
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Tungsten			
Vanadium			
Zinc			
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25454 Units: ug/l

Time:		10:14			11:32			12:45	
Sample ID:	ICV	ICV1		CCV	CCV2		CCV	CCV3	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony									
Arsenic	anr								
Barium	anr								
Beryllium									
Boron									
Cadmium	anr								
Calcium									
Chromium	1000	1010	101.0	2000	2030	101.5	2000	2060	103.0
Cobalt									
Copper									
Iron									
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel									
Palladium									
Potassium									
Selenium	anr								
Silicon									
Silver	500	492	98.4	250	247	98.8	250	249	99.6
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									
Zinc									
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25454 Units: ug/l

Time:		13:57			15:03			16:16	
Sample ID:	CCV	CCV4		CCV	CCV5		CCV	CCV6	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony									
Arsenic	anr								
Barium	anr								
Beryllium									
Boron									
Cadmium	anr								
Calcium									
Chromium	2000	2040	102.0	2000	2040	102.0	2000	2050	102.5
Cobalt									
Copper									
Iron									
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel									
Palladium									
Potassium									
Selenium	anr								
Silicon									
Silver	250	246	98.4	250	247	98.8	250	249	99.6
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									
Zinc									
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25454 Units: ug/l

Time:				09:49	
Sample ID:	CRI	CRIA	CRID	CRID1	
Metal	True	True	True	Results	% Rec
Aluminum			100		
Antimony	120		3.0		
Arsenic	20	3.0	3.0	anr	
Barium	400		4.0	anr	
Beryllium	10	1.0	1.0		
Boron			10		
Cadmium	10		1.0	anr	
Calcium			1000		
Chromium	20		2.0	1.9	95.0
Cobalt	100		3.0		
Copper	50		2.0		
Iron					
Lead	6.0		2.5	anr	
Magnesium			100		
Manganese	30		3.0		
Molybdenum	40				
Nickel	80		4.0		
Palladium	100				
Potassium			2000		
Selenium	10		5.0	anr	
Silicon					
Silver	20		1.0	0.90	90.0
Sodium			1000		
Strontium					
Thallium	20	2.0	2.0		
Tin					
Titanium					
Tungsten	50				
Vanadium	100		2.0		
Zinc	40		10		
Zirconium	10	10	5.0		

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25454 Units: ug/l

Time:		09:43		09:55	
Sample ID:	CRIB	CRIB1		CRIB2	
Metal	True	Results	% Rec	Results	% Rec
Aluminum	200				
Antimony	6.0				
Arsenic	8.0				
Barium	200				
Beryllium	2.0				
Boron	100				
Cadmium	3.0				
Calcium	5000				
Chromium	10	9.8	98.0	9.6	96.0
Cobalt	50				
Copper	10				
Iron	100				
Lead	3.0				
Magnesium	5000				
Manganese	15				
Molybdenum	20				
Nickel	10				
Palladium	50				
Potassium	10000				
Selenium	10				
Silicon	200				
Silver	5.0	5.0	100.0	4.7	94.0
Sodium	10000				
Strontium	10				
Thallium	10				
Tin	10				
Titanium	10				
Tungsten	50				
Vanadium	50				
Zinc	20				
Zirconium	10				

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M1.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25454 Units: ug/l

Time:			10:44		10:50		16:28		16:34	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	489000	97.8	492000	98.4	496000	99.2	500000	100.0
Antimony		1000	0.0		1010	101.0	-0.50		1020	102.0
Arsenic		1000	3.4		995	99.5	4.2		1000	100.0
Barium		500	-4.0		502	100.4	-4.1		514	102.8
Beryllium		500	0.0		489	97.8	0.0		498	99.6
Boron			-2.2		-19		-3.7		-18	
Cadmium		1000	-0.80		1040	104.0	-0.70		1060	106.0
Calcium	400000	400000	372000	93.0	380000	95.0	386000	96.5	391000	97.8
Chromium		500	0.20		476	95.2	0.30		495	99.0
Cobalt		500	1.7		466	93.2	1.5		471	94.2
Copper		500	0.40		509	101.8	1.0		519	103.8
Iron	200000	200000	180000	90.0	179000	89.5	188000	94.0	184000	92.0
Lead		1000	-2.1		983	98.3	-3.7		1000	100.0
Magnesium	500000	500000	506000	101.2	504000	100.8	526000	105.2	519000	103.8
Manganese		500	-0.20		473	94.6	-0.20		497	99.4
Molybdenum		500	2.5		482	96.4	2.7		488	97.6
Nickel		1000	1.1		971	97.1	1.3		987	98.7
Palladium		500	-40		495	99.0	-36		507	101.4
Potassium			-20		-18		-11		-18	
Selenium		1000	-0.30		954	95.4	-2.2		955	95.5
Silicon			-11		-14		-10		-14	
Silver		1000	1.5		1050	105.0	1.4		1080	108.0
Sodium			407		407		460		451	
Strontium			0.50		0.40		0.50		0.40	
Thallium		1000	0.40		934	93.4	1.2		948	94.8
Tin			-7.1		-7.5		-7.0		-6.8	
Titanium			3.5		2.7		3.6		3.1	
Tungsten		500	52.7		538	107.6				
Vanadium		500	1.3		468	93.6	1.6		489	97.8
Zinc		1000	-0.70		891	89.1	-0.60		906	90.6
Zirconium		500	5.5		409	81.8				

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:20	MA25459-STD1	1		STDA
17:26	MA25459-STD2	1		STDB
17:31	MA25459-STD3	1		STDC
17:38	MA25459-CCV1	1		
17:44	MA25459-CCB1	1		
17:50	MA25459-CRIB1	1		
17:56	MA25459-CRID1	1		
18:02	MA25459-ICV1	1		
18:07	MA25459-ICB1	1		
18:13	MA25459-CCV2	1		
18:19	MA25459-CCB2	1		
18:25	MA25459-ICSA1	1		
18:32	MA25459-ICSAB1	1		
18:38	MA25459-CCV3	1		
18:44	MA25459-CCB3	1		
18:50	MP55853-MB2	1		
18:56	MP55853-LC1	1		
19:02	MP55853-B1	1		
19:08	MP55853-S1	1		
19:14	MP55853-S2	1		
19:20	JA62112-1	1		(sample used for QC only; not part of login JA62028)
19:26	MP55853-SD1	5		
19:32	ZZZZZZ	5		
19:38	ZZZZZZ	25		
19:44	MP55907-MB1	1		
19:50	MA25459-CCV4	1		
19:56	MA25459-CCB4	1		
20:02	MP55907-B1	1		
20:08	MP55907-S1	1		
20:14	MP55907-S2	1		
20:20	JA62397-1	1		(sample used for QC only; not part of login JA62028)
20:26	MP55907-SD1	5		
20:32	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:38	ZZZZZZ	1		
20:44	ZZZZZZ	2		
20:50	MP55899-MB1	1		
20:56	MP55899-MB2	1		
21:02	MA25459-CCV5	1		
21:08	MA25459-CCB5	1		
21:14	MP55899-B1	1		
21:20	MP55899-B2	1		Refer to mass balance for recovery.
21:26	MP55899-B3	1		Refer to mass balance for recovery.
21:33	MP55899-B4	1		Refer to mass balance for recovery.
21:39	MP55899-D1	1		
21:45	JA59879-5AUS	1		(sample used for QC only; not part of login JA62028)
21:51	ZZZZZZ	1		
21:57	ZZZZZZ	1		
22:03	MP55892-MB1	1		Batch to reanalysis on dilution.
22:09	MP55892-MB2	1		
22:15	MA25459-CCV6	1		
22:21	MA25459-CCB6	1		
22:27	MP55892-LC1	1		
22:33	MP55892-B1	1		Refer to mass balance for recovery
22:39	MP55892-B2	1		Refer to mass balance for recovery
22:45	MP55892-B3	1		Refer to mass balance for recovery
22:51	MP55892-D1	1		
22:57	JA59879-5AUF	1		(sample used for QC only; not part of login JA62028)
23:03	ZZZZZZ	1		
23:09	ZZZZZZ	1		
23:15	MP55892-D1	2		1:2
23:21	ZZZZZZ	1		
23:27	MA25459-CCV7	1		
23:33	MA25459-CCB7	1		
23:39	JA59879-5AUF	2		(sample used for QC only; not part of login JA62028)
23:45	ZZZZZZ	2		
23:51	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
23:57	MP55933-S1	1		
00:03	MP55933-S2	1		
00:09	JA61494-1	1		(sample used for QC only; not part of login JA62028)
00:15	MP55933-SD1	5		
00:21	ZZZZZZ	1		
00:27	ZZZZZZ	1		
00:34	ZZZZZZ	1		
00:40	MA25459-CCV8	1		Rep out on Cr, Mn and V.
00:46	MA25459-CCB8	1		
00:52	ZZZZZZ	1		
00:58	ZZZZZZ	1		
01:04	ZZZZZZ	1		
01:10	ZZZZZZ	1		
01:16	ZZZZZZ	1		
01:22	ZZZZZZ	1		
01:28	ZZZZZZ	1		
01:34	ZZZZZZ	1		
01:41	ZZZZZZ	1		
01:47	ZZZZZZ	1		
01:53	MA25459-CCV9	1		
01:59	MA25459-CCB9	1		
02:05	MA25459-ICSA2	1		
02:11	MA25459-ICSAB2	1		
02:17	MA25459-CCV10	1		
02:23	MA25459-CCB10	1		
02:29	ZZZZZZ	1		
02:35	ZZZZZZ	2		
02:41	ZZZZZZ	1		
02:47	ZZZZZZ	1		
02:53	ZZZZZZ	1		
02:59	ZZZZZZ	1		
03:05	ZZZZZZ	1		
03:11	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
03:18	ZZZZZZ	1		
03:24	ZZZZZZ	1		
03:30	MA25459-CCV11	1		
03:36	MA25459-CCB11	1		
03:42	ZZZZZZ	1		
03:48	ZZZZZZ	1		
03:54	ZZZZZZ	1		
04:00	MP55928-S1	1		
04:06	MP55928-S2	1		
04:12	JA61985-2	1		(sample used for QC only; not part of login JA62028)
04:17	MP55928-SD1	5		
04:23	ZZZZZZ	1		
04:29	ZZZZZZ	1		
04:36	ZZZZZZ	1		
04:42	MA25459-CCV12	1		
04:47	MA25459-CCB12	1		
04:54	ZZZZZZ	1		
04:59	ZZZZZZ	1		
05:06	ZZZZZZ	1		
05:12	ZZZZZZ	1		
05:18	ZZZZZZ	1		
05:23	JA62028-3	1		
05:29	JA62028-4	1		
05:35	JA62028-5	1		
05:41	JA62028-6	1		
05:47	JA62028-7	1		
05:53	MA25459-CCV13	1		
05:59	MA25459-CCB13	1		
06:05	JA62028-8	1		
06:11	JA62028-9	1		
---------->	Last reportable sample/prep for job JA62028			
06:17	ZZZZZZ	1		
06:23	MP55883-MB1	1		
06:29	MP55883-MB2	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
06:35	MP55883-LC1	1		
06:41	MP55883-S1	1		
06:47	MP55883-S2	1		
06:53	JA61390-1	1		(sample used for QC only; not part of login JA62028)
06:59	MP55883-SD1	5		
07:05	MA25459-CCV14	1		
07:11	MA25459-CCB14	1		
07:17	ZZZZZZ	1		
07:23	ZZZZZZ	1		
07:29	ZZZZZZ	1		
07:35	ZZZZZZ	1		
07:41	ZZZZZZ	1		
07:47	ZZZZZZ	1		
07:53	ZZZZZZ	1		
07:59	ZZZZZZ	1		
08:05	ZZZZZZ	1		
08:11	ZZZZZZ	1		
08:17	MA25459-CCV15	1		
08:23	MA25459-CCB15	1		
08:29	ZZZZZZ	1		
08:35	ZZZZZZ	1		
08:41	ZZZZZZ	1		
08:47	ZZZZZZ	1		
08:53	ZZZZZZ	1		
08:59	ZZZZZZ	1		
09:05	ZZZZZZ	1		
09:13	ZZZZZZ	1		
09:19	ZZZZZZ	1		
09:25	MA25459-CCV16	1		
09:31	MA25459-CCB16	1		
09:37	ZZZZZZ	1		
09:43	ZZZZZZ	1		
09:49	MA25459-ICSA3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:55	MA25459-ICSAB3	1		
10:01	MA25459-CCV17	1		
10:07	MA25459-CCB17	1		

----------> Last reportable CCB for job JA62028
Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
17:20	MA25459-STD1	1824 R	84325 R	39057 R	5720 R
17:26	MA25459-STD2	1806	84448	38437	5590
17:31	MA25459-STD3	1717	80978	37723	5137
17:38	MA25459-CCV1	1773	82029	38234	5403
17:44	MA25459-CCB1	1829	85056	38882	5766
17:50	MA25459-CRIB1	1829	84751	38651	5724
17:56	MA25459-CRID1	1836	84546	38715	5760
18:02	MA25459-ICV1	1821	85510	39388	5677
18:07	MA25459-ICB1	1832	83905	38763	5752
18:13	MA25459-CCV2	1769	83031	38017	5409
18:19	MA25459-CCB2	1829	84885	39097	5746
18:25	MA25459-ICSA1	1617	77082	36071	4670
18:32	MA25459-ICSAB1	1610	76754	36061	4645
18:38	MA25459-CCV3	1771	82849	38054	5416
18:44	MA25459-CCB3	1820	85117	38538	5737
18:50	MP55853-MB2	1594	77418	35937	4722
18:56	MP55853-LC1	1782	83038	38020	5648
19:02	MP55853-B1	1801	83572	38486	5723
19:08	MP55853-S1	1567	76677	35163	4577
19:14	MP55853-S2	1573	76337	35419	4585
19:20	JA62112-1	1590	76936	35158	4611
19:26	MP55853-SD1	1765	81896	37446	5404
19:32	ZZZZZZ	1772	83289	37716	5531
19:38	ZZZZZZ	1827	84501	38416	5732
19:44	MP55907-MB1	1611	77929	36793	4760
19:50	MA25459-CCV4	1790	83335	38015	5454
19:56	MA25459-CCB4	1849	85220	38646	5811
20:02	MP55907-B1	1600	77679	36057	4699
20:08	MP55907-S1	1593	77865	35916	4684
20:14	MP55907-S2	1603	77639	35768	4715
20:20	JA62397-1	1605	75996	35727	4739
20:26	MP55907-SD1	1760	82746	37441	5413
20:32	ZZZZZZ	1549	77445	35512	4493

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
20:38	ZZZZZZ	1516	76205	34854	4436
20:44	ZZZZZZ	1781	82342	37842	5553
20:50	MP55899-MB1	1882	86444	39203	5929
20:56	MP55899-MB2	1727	81132	37240	5359
21:02	MA25459-CCV5	1792	82070	37563	5437
21:08	MA25459-CCB5	1858	85283	38554	5817
21:14	MP55899-B1	1794	83391	38194	5582
21:20	MP55899-B2	1705	81391	37406	5310
21:26	MP55899-B3	1700	81446	36946	5238
21:33	MP55899-B4	1608	78493	35942	4850
21:39	MP55899-D1	1693	80671	36848	5167
21:45	JA59879-5AUS	1698	81090	37052	5218
21:51	ZZZZZZ	1655	80941	36643	5111
21:57	ZZZZZZ	1678	80062	36857	5174
22:03	MP55892-MB1	1787	83091	37902	5712
22:09	MP55892-MB2	1376	67432	30811	3315 !
22:15	MA25459-CCV6	1744	81922	37320	5356
22:21	MA25459-CCB6	1803	84202	37941	5717
22:27	MP55892-LC1	1749	82772	37381	5569
22:33	MP55892-B1	1340	67201	30624	3147 !
22:39	MP55892-B2	1316	66294	30125	3195 !
22:45	MP55892-B3	1359	65187	31219	3190 !
22:51	MP55892-D1	1305	65602	29763	3208 !
22:57	JA59879-5AUF	1311	65273	29665	3218 !
23:03	ZZZZZZ	1315	65327	29772	3231 !
23:09	ZZZZZZ	1335	65676	29090	3302 !
23:15	MP55892-D1	1443	70944	31945	3798
23:21	ZZZZZZ	1801	85110	37871	5804
23:27	MA25459-CCV7	1704	81775	35923	5305
23:33	MA25459-CCB7	1790	81366	36202	5726
23:39	JA59879-5AUF	1439	71213	31998	3795
23:45	ZZZZZZ	1422	70490	31857	3751
23:51	ZZZZZZ	1758	82609	36789	5664

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
23:57	MP55933-S1	1605	78113	35084	5061
00:03	MP55933-S2	1613	78407	34814	5079
00:09	JA61494-1	1643	79078	35347	5211
00:15	MP55933-SD1	1758	80391	36873	5626
00:21	ZZZZZZ	1547	76629	33919	4781
00:27	ZZZZZZ	1606	79955	34903	5067
00:34	ZZZZZZ	1710	80930	36117	5383
00:40	MA25459-CCV8	1752	81432	36308	5390
00:46	MA25459-CCB8	1811	84336	37170	5742
00:52	ZZZZZZ	1631	78524	35213	5155
00:58	ZZZZZZ	1782	82867	36142	5707
01:04	ZZZZZZ	1680	80229	35548	5298
01:10	ZZZZZZ	1563	77255	33999	4634
01:16	ZZZZZZ	1725	81643	36284	5460
01:22	ZZZZZZ	1629	76583	34235	5095
01:28	ZZZZZZ	1713	81237	35637	5459
01:34	ZZZZZZ	1617	78462	34602	4943
01:41	ZZZZZZ	1717	78927	35815	5410
01:47	ZZZZZZ	1585	77173	32994	4644
01:53	MA25459-CCV9	1745	81917	36335	5361
01:59	MA25459-CCB9	1814	84054	36500	5745
02:05	MA25459-ICSA2	1597	75723	34182	4607
02:11	MA25459-ICSAB2	1582	74537	33936	4571
02:17	MA25459-CCV10	1749	81784	35659	5361
02:23	MA25459-CCB10	1811	83523	37234	5734
02:29	ZZZZZZ	1798	83535	36565	5707
02:35	ZZZZZZ	1460	71290	31531	3828
02:41	ZZZZZZ	1800	83949	36596	5734
02:47	ZZZZZZ	1793	83303	36646	5700
02:53	ZZZZZZ	1772	82645	36272	5604
02:59	ZZZZZZ	1637	80419	34911	5111
03:05	ZZZZZZ	1800	77162	36624	5343
03:11	ZZZZZZ	1657	78534	34398	5114

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
03:18	ZZZZZZ	1782	81866	35772	5672
03:24	ZZZZZZ	1765	84125	36003	5614
03:30	MA25459-CCV11	1719	80414	35394	5288
03:36	MA25459-CCB11	1789	83279	36388	5683
03:42	ZZZZZZ	1758	81653	36117	5639
03:48	ZZZZZZ	1689	80865	35670	5552
03:54	ZZZZZZ	1486	73956	31223	4817
04:00	MP55928-S1	1777	83448	37279	5255
04:06	MP55928-S2	1774	83894	37364	5237
04:12	JA61985-2	1794	85425	38189	5412
04:17	MP55928-SD1	1792	83808	37910	5615
04:23	ZZZZZZ	1756	83224	37263	5338
04:29	ZZZZZZ	1867	88959	39531	5229
04:36	ZZZZZZ	1896	87760	40653	5382
04:42	MA25459-CCV12	1724	81873	36574	5308
04:47	MA25459-CCB12	1771	83528	36869	5622
04:54	ZZZZZZ	1807	85285	38111	5556
04:59	ZZZZZZ	1751	84190	37344	5195
05:06	ZZZZZZ	1722	83217	37105	5066
05:12	ZZZZZZ	1804	84545	38112	5431
05:18	ZZZZZZ	1748	82972	37023	5321
05:23	JA62028-3	1706	81052	36216	5170
05:29	JA62028-4	1723	82470	36820	5275
05:35	JA62028-5	1784	83023	36828	5565
05:41	JA62028-6	1732	82122	36448	5298
05:47	JA62028-7	1772	83951	37413	5492
05:53	MA25459-CCV13	1742	82250	36592	5330
05:59	MA25459-CCB13	1811	83962	37049	5718
06:05	JA62028-8	1784	84225	37850	5583
06:11	JA62028-9	1706	82741	35824	5150
06:17	ZZZZZZ	1625	78253	35757	5109
06:23	MP55883-MB1	1767	83493	36924	5660
06:29	MP55883-MB2	1755	82577	36300	5629

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
06:35	MP55883-LC1	1722	81410	36308	5510
06:41	MP55883-S1	1686	81628	36338	5355
06:47	MP55883-S2	1686	81992	36336	5345
06:53	JA61390-1	1728	82075	36498	5531
06:59	MP55883-SD1	1767	80452	37431	5653
07:05	MA25459-CCV14	1727	81293	35926	5315
07:11	MA25459-CCB14	1786	83829	37095	5666
07:17	ZZZZZZ	1638	80226	35312	5168
07:23	ZZZZZZ	1651	81041	35826	5188
07:29	ZZZZZZ	1755	82362	36642	5623
07:35	ZZZZZZ	1687	81147	35524	5258
07:41	ZZZZZZ	1723	81596	36327	5511
07:47	ZZZZZZ	1677	80783	35845	5315
07:53	ZZZZZZ	1739	82817	36818	5579
07:59	ZZZZZZ	1684	81450	36158	5403
08:05	ZZZZZZ	1701	81555	36380	5518
08:11	ZZZZZZ	1683	83568	36716	5471
08:17	MA25459-CCV15	1675	80989	36091	5205
08:23	MA25459-CCB15	1740	83645	36989	5583
08:29	ZZZZZZ	1645	81032	35716	5352
08:35	ZZZZZZ	1702	79691	36251	5512
08:41	ZZZZZZ	1740	82205	36677	5582
08:47	ZZZZZZ	1782	82597	38014	5200
08:53	ZZZZZZ	1734	81069	36216	5585
08:59	ZZZZZZ	1739	81407	35901	5570
09:05	ZZZZZZ	1707	80797	35884	5443
09:13	ZZZZZZ	1790	84440	37814	5738
09:19	ZZZZZZ	1733	82779	36481	5572
09:25	MA25459-CCV16	1708	81597	36056	5270
09:31	MA25459-CCB16	1774	83823	36814	5639
09:37	ZZZZZZ	1670	84113	36677	5406
09:43	ZZZZZZ	1704	82227	36516	5528
09:49	MA25459-ICSA3	1547	75116	33974	4507

INTERNAL STANDARD SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: GT Run ID: MA25459
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
09:55	MA25459-ICSAB3	1572	75148	34126	4541
10:01	MA25459-CCV17	1722	81499	34871	5289
10:07	MA25459-CCB17	1794	84756	36703	5674

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3600)	60-125 %
Istd#3	Yttrium (3710)	60-125 %
Istd#4	Indium	60-125 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25459 Units: ug/l

Time: / Sample ID:			18:07 ICB1		18:19 CCB2		18:44 CCB3		19:56 CCB4	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	-1.7	<200	0.0	<200	-0.70	<200	-1.3	<200
Antimony	6.0	1.2	0.70	<6.0	0.50	<6.0	0.50	<6.0	0.40	<6.0
Arsenic	3.0	1.2	-0.30	<3.0	0.20	<3.0	0.10	<3.0	0.50	<3.0
Barium	200	.2	0.0	<200	0.0	<200	0.0	<200	0.0	<200
Beryllium	1.0	.2	0.0	<1.0	0.0	<1.0	0.0	<1.0	0.0	<1.0
Boron	100	.8								
Cadmium	3.0	.2	0.0	<3.0	0.20	<3.0	0.0	<3.0	0.0	<3.0
Calcium	5000	11	-0.50	<5000	-1.5	<5000	0.0	<5000	1.2	<5000
Chromium	10	.3	0.0	<10	0.0	<10	0.10	<10	0.40	<10
Cobalt	50	.3	-0.10	<50	-0.10	<50	-0.10	<50	-0.10	<50
Copper	10	.3	0.10	<10	0.0	<10	-0.10	<10	0.0	<10
Iron	100	2	0.80	<100	2.4	<100	2.8	<100	2.9	<100
Lead	3.0	.9	-0.30	<3.0	0.0	<3.0	0.40	<3.0	-0.20	<3.0
Magnesium	5000	13	7.1	<5000	0.60	<5000	5.9	<5000	5.8	<5000
Manganese	15	.2	0.0	<15	0.0	<15	0.0	<15	0.0	<15
Molybdenum	20	.7								
Nickel	10	.3	-0.20	<10	-0.30	<10	-0.30	<10	-0.30	<10
Palladium	50	1.1								
Potassium	10000	15	2.8	<10000	4.8	<10000	1.2	<10000	-6.2	<10000
Selenium	10	1.6	0.70	<10	1.5	<10	0.90	<10	0.90	<10
Silicon	200	5.2								
Silver	10	.3	0.0	<10	0.0	<10	0.0	<10	0.10	<10
Sodium	10000	7.9	-5.7	<10000	-3.2	<10000	-4.4	<10000	105	<10000
Strontium	10	.1								
Thallium	2.0	1.3	0.70	<2.0	2.0	<2.0*(a)	1.5	<2.0	1.3	<2.0
Tin	10	.3								
Titanium	10	.3								
Tungsten	50	11								
Vanadium	50	.2	0.30	<50	0.30	<50	0.20	<50	0.20	<50
Zinc	20	2.8	0.0	<20	0.0	<20	-0.10	<20	-0.10	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for this element in the area bracketed by this QC.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25459 Units: ug/l

Time: / Sample ID:			21:08 CCB5		22:21 CCB6		23:33 CCB7		00:46 CCB8	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	1.7	<200	-0.60	<200	0.80	<200	0.60	<200
Antimony	6.0	1.2	0.30	<6.0	0.10	<6.0	0.50	<6.0	-0.10	<6.0
Arsenic	3.0	1.2	0.30	<3.0	-0.10	<3.0	-0.10	<3.0	-0.30	<3.0
Barium	200	.2	0.0	<200	0.0	<200	0.10	<200	0.10	<200
Beryllium	1.0	.2	0.0	<1.0	0.0	<1.0	0.10	<1.0	0.0	<1.0
Boron	100	.8								
Cadmium	3.0	.2	0.0	<3.0	0.10	<3.0	0.10	<3.0	0.10	<3.0
Calcium	5000	11	-0.90	<5000	0.70	<5000	-2.7	<5000	-4.4	<5000
Chromium	10	.3	0.10	<10	0.0	<10	0.20	<10	0.30	<10
Cobalt	50	.3	0.10	<50	0.0	<50	-0.10	<50	0.0	<50
Copper	10	.3	0.20	<10	0.40	<10	0.70	<10	0.0	<10
Iron	100	2	2.6	<100	2.7	<100	3.5	<100	2.7	<100
Lead	3.0	.9	0.10	<3.0	-0.10	<3.0	-0.30	<3.0	-0.60	<3.0
Magnesium	5000	13	1.8	<5000	0.20	<5000	-1.0	<5000	2.9	<5000
Manganese	15	.2	0.0	<15	0.10	<15	0.10	<15	0.0	<15
Molybdenum	20	.7								
Nickel	10	.3	-0.10	<10	-0.30	<10	-0.40	<10	-0.20	<10
Palladium	50	1.1								
Potassium	10000	15	-8.0	<10000	35.3	<10000	58.4	<10000	19.4	<10000
Selenium	10	1.6	1.2	<10	0.30	<10	0.20	<10	1.4	<10
Silicon	200	5.2								
Silver	10	.3	0.10	<10	0.10	<10	0.0	<10	-0.20	<10
Sodium	10000	7.9	78.1	<10000	384	<10000	718	<10000	213	<10000
Strontium	10	.1								
Thallium	2.0	1.3	1.5	<2.0	1.3	<2.0	1.5	<2.0	1.3	<2.0
Tin	10	.3								
Titanium	10	.3								
Tungsten	50	11								
Vanadium	50	.2	0.30	<50	0.20	<50	0.20	<50	0.20	<50
Zinc	20	2.8	-0.10	<20	0.0	<20	-0.20	<20	0.10	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25459 Units: ug/l

Time:			01:59		02:23		03:36		04:47	
Sample ID:			CCB9		CCB10		CCB11		CCB12	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	-0.20	<200	2.3	<200	-1.9	<200	-0.10	<200
Antimony	6.0	1.2	0.50	<6.0	0.80	<6.0	0.30	<6.0	0.80	<6.0
Arsenic	3.0	1.2	0.20	<3.0	-0.10	<3.0	-0.30	<3.0	-0.20	<3.0
Barium	200	.2	0.10	<200	0.0	<200	0.10	<200	0.0	<200
Beryllium	1.0	.2	0.10	<1.0	0.0	<1.0	0.10	<1.0	0.10	<1.0
Boron	100	.8								
Cadmium	3.0	.2	0.0	<3.0	0.20	<3.0	0.10	<3.0	0.10	<3.0
Calcium	5000	11	-4.0	<5000	-2.6	<5000	-1.1	<5000	-0.80	<5000
Chromium	10	.3	0.20	<10	0.40	<10	0.20	<10	0.20	<10
Cobalt	50	.3	0.0	<50	0.0	<50	0.0	<50	0.0	<50
Copper	10	.3	0.30	<10	0.50	<10	0.30	<10	0.20	<10
Iron	100	2	3.1	<100	3.9	<100	3.3	<100	5.9	<100
Lead	3.0	.9	0.30	<3.0	0.70	<3.0	-0.20	<3.0	-0.50	<3.0
Magnesium	5000	13	4.6	<5000	3.6	<5000	5.1	<5000	1.1	<5000
Manganese	15	.2	0.0	<15	0.10	<15	0.10	<15	0.10	<15
Molybdenum	20	.7								
Nickel	10	.3	-0.10	<10	-0.10	<10	-0.30	<10	0.10	<10
Palladium	50	1.1								
Potassium	10000	15	10.0	<10000	9.0	<10000	-5.0	<10000	-14	<10000
Selenium	10	1.6	1.2	<10	1.1	<10	1.0	<10	1.0	<10
Silicon	200	5.2								
Silver	10	.3	-0.10	<10	-0.10	<10	0.0	<10	0.0	<10
Sodium	10000	7.9	154	<10000	96.4	<10000	81.9	<10000	20.7	<10000
Strontium	10	.1								
Thallium	2.0	1.3	1.6	<2.0	1.8	<2.0	1.3	<2.0	1.4	<2.0
Tin	10	.3								
Titanium	10	.3								
Tungsten	50	11								
Vanadium	50	.2	0.60	<50	0.30	<50	0.30	<50	0.30	<50
Zinc	20	2.8	0.10	<20	0.10	<20	-0.10	<20	0.30	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25459 Units: ug/l

Time: / Sample ID:			05:59 CCB13		07:11 CCB14		08:23 CCB15		09:31 CCB16	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	-0.70	<200	1.5	<200	-0.90	<200	0.60	<200
Antimony	6.0	1.2	0.30	<6.0	0.80	<6.0	0.10	<6.0	0.50	<6.0
Arsenic	3.0	1.2	0.10	<3.0	-0.20	<3.0	-0.20	<3.0	0.20	<3.0
Barium	200	.2	0.0	<200	0.10	<200	0.0	<200	0.0	<200
Beryllium	1.0	.2	0.0	<1.0	0.10	<1.0	0.0	<1.0	0.0	<1.0
Boron	100	.8								
Cadmium	3.0	.2	0.0	<3.0	0.10	<3.0	0.30	<3.0	0.20	<3.0
Calcium	5000	11	-0.60	<5000	-2.5	<5000	-0.80	<5000	-1.8	<5000
Chromium	10	.3	0.30	<10	0.20	<10	0.20	<10	0.20	<10
Cobalt	50	.3	0.0	<50	-0.10	<50	0.10	<50	0.0	<50
Copper	10	.3	0.30	<10	0.20	<10	0.20	<10	0.0	<10
Iron	100	2	4.2	<100	4.1	<100	4.0	<100	3.6	<100
Lead	3.0	.9	0.60	<3.0	-0.10	<3.0	-0.30	<3.0	0.40	<3.0
Magnesium	5000	13	6.8	<5000	4.7	<5000	2.8	<5000	1.5	<5000
Manganese	15	.2	0.10	<15	0.10	<15	0.10	<15	0.10	<15
Molybdenum	20	.7								
Nickel	10	.3	-0.30	<10	0.10	<10	0.0	<10	-0.20	<10
Palladium	50	1.1								
Potassium	10000	15	-5.1	<10000	-11	<10000	-3.6	<10000	-16	<10000
Selenium	10	1.6	0.80	<10	1.1	<10	1.9	<10	1.1	<10
Silicon	200	5.2								
Silver	10	.3	-0.10	<10	0.0	<10	0.0	<10	0.10	<10
Sodium	10000	7.9	18.0	<10000	14.0	<10000	15.6	<10000	10.3	<10000
Strontium	10	.1								
Thallium	2.0	1.3	1.6	<2.0	0.80	<2.0	1.0	<2.0	0.90	<2.0
Tin	10	.3								
Titanium	10	.3								
Tungsten	50	11								
Vanadium	50	.2	0.20	<50	0.40	<50	0.30	<50	0.30	<50
Zinc	20	2.8	0.50	<20	0.30	<20	0.40	<20	0.40	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25459 Units: ug/l

Time:			10:07	
Sample ID:			CCB17	
Metal	RL	IDL	raw	final
Aluminum	200	2.5	1.2	<200
Antimony	6.0	1.2	0.50	<6.0
Arsenic	3.0	1.2	0.0	<3.0
Barium	200	.2	0.10	<200
Beryllium	1.0	.2	0.0	<1.0
Boron	100	.8		
Cadmium	3.0	.2	0.0	<3.0
Calcium	5000	11	-0.30	<5000
Chromium	10	.3	0.10	<10
Cobalt	50	.3	0.0	<50
Copper	10	.3	-0.20	<10
Iron	100	2	4.2	<100
Lead	3.0	.9	-0.40	<3.0
Magnesium	5000	13	5.7	<5000
Manganese	15	.2	0.0	<15
Molybdenum	20	.7		
Nickel	10	.3	0.0	<10
Palladium	50	1.1		
Potassium	10000	15	-2.0	<10000
Selenium	10	1.6	1.4	<10
Silicon	200	5.2		
Silver	10	.3	0.20	<10
Sodium	10000	7.9	5.9	<10000
Strontium	10	.1		
Thallium	2.0	1.3	1.2	<2.0
Tin	10	.3		
Titanium	10	.3		
Tungsten	50	11		
Vanadium	50	.2	0.30	<50
Zinc	20	2.8	0.50	<20
Zirconium	10	.5		

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25459 Units: ug/l

Time:		18:02			18:13			18:38	
Sample ID:	ICV	ICV1		CCV	CCV2		CCV	CCV3	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	5000	4740	94.8*(a)	40000	39200	98.0	40000	39500	98.8
Antimony	1000	981	98.1	2000	2010	100.5	2000	2010	100.5
Arsenic	1000	987	98.7	2000	2020	101.0	2000	2010	100.5
Barium	1000	1020	102.0	2000	2050	102.5	2000	2060	103.0
Beryllium	1000	996	99.6	2000	2060	103.0	2000	2060	103.0
Boron									
Cadmium	1000	981	98.1	2000	2020	101.0	2000	2010	100.5
Calcium	5000	4790	95.8	40000	39800	99.5	40000	39700	99.3
Chromium	1000	999	99.9	2000	2040	102.0	2000	2030	101.5
Cobalt	1000	1000	100.0	2000	2040	102.0	2000	2030	101.5
Copper	1000	978	97.8	2000	1970	98.5	2000	1980	99.0
Iron	5000	5020	100.4	40000	40300	100.8	40000	40300	100.8
Lead	1000	977	97.7	2000	2010	100.5	2000	2000	100.0
Magnesium	5000	4870	97.4	40000	39400	98.5	40000	39300	98.3
Manganese	1000	1010	101.0	2000	2050	102.5	2000	2040	102.0
Molybdenum									
Nickel	1000	989	98.9	2000	2010	100.5	2000	2010	100.5
Palladium									
Potassium	10000	9780	97.8	40000	39900	99.8	40000	40000	100.0
Selenium	1000	978	97.8	2000	2020	101.0	2000	2010	100.5
Silicon									
Silver	500	483	96.6	250	247	98.8	250	248	99.2
Sodium	10000	9700	97.0	40000	39600	99.0	40000	40200	100.5
Strontium									
Thallium	1000	980	98.0	2000	2030	101.5	2000	2030	101.5
Tin									
Titanium									
Tungsten									
Vanadium	1000	960	96.0	2000	2010	100.5	2000	2000	100.0
Zinc	1000	1020	102.0	2000	2050	102.5	2000	2040	102.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested
(a) Within 90 to 110 percent limits required for SW846 6010. No EPA 200.7 samples reported for this element in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25459 Units: ug/l

Time:		19:50			21:02			22:15	
Sample ID:	CCV	CCV4		CCV	CCV5		CCV	CCV6	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39300	98.3	40000	39400	98.5	40000	39700	99.3
Antimony	2000	2000	100.0	2000	2010	100.5	2000	2030	101.5
Arsenic	2000	2010	100.5	2000	2020	101.0	2000	2030	101.5
Barium	2000	2050	102.5	2000	2060	103.0	2000	2080	104.0
Beryllium	2000	2080	104.0	2000	2090	104.5	2000	2060	103.0
Boron									
Cadmium	2000	2020	101.0	2000	2030	101.5	2000	2030	101.5
Calcium	40000	40300	100.8	40000	40800	102.0	40000	39300	98.3
Chromium	2000	2050	102.5	2000	2090	104.5	2000	2030	101.5
Cobalt	2000	2030	101.5	2000	2040	102.0	2000	2050	102.5
Copper	2000	1980	99.0	2000	2010	100.5	2000	2000	100.0
Iron	40000	40500	101.3	40000	40900	102.3	40000	40100	100.3
Lead	2000	2010	100.5	2000	2040	102.0	2000	2010	100.5
Magnesium	40000	39600	99.0	40000	40200	100.5	40000	39200	98.0
Manganese	2000	2060	103.0	2000	2110	105.5	2000	2040	102.0
Molybdenum									
Nickel	2000	2010	100.5	2000	2040	102.0	2000	2010	100.5
Palladium									
Potassium	40000	39500	98.8	40000	40200	100.5	40000	40600	101.5
Selenium	2000	2010	100.5	2000	2010	100.5	2000	2030	101.5
Silicon									
Silver	250	247	98.8	250	252	100.8	250	248	99.2
Sodium	40000	38800	97.0	40000	39000	97.5	40000	37200	93.0
Strontium									
Thallium	2000	2030	101.5	2000	2050	102.5	2000	2040	102.0
Tin									
Titanium									
Tungsten									
Vanadium	2000	2020	101.0	2000	2060	103.0	2000	2000	100.0
Zinc	2000	2060	103.0	2000	2080	104.0	2000	2050	102.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25459 Units: ug/l

Time:		23:27			00:40			01:53	
Sample ID:	CCV	CCV7		CCV	CCV8		CCV	CCV9	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	41100	102.8	40000	40200	100.5	40000	40300	100.8
Antimony	2000	2070	103.5	2000	2040	102.0	2000	2050	102.5
Arsenic	2000	2060	103.0	2000	2040	102.0	2000	2050	102.5
Barium	2000	2160	108.0	2000	2120	106.0	2000	2120	106.0
Beryllium	2000	2090	104.5	2000	2070	103.5	2000	2070	103.5
Boron									
Cadmium	2000	2050	102.5	2000	2050	102.5	2000	2050	102.5
Calcium	40000	39300	98.3	40000	39500	98.8	40000	39200	98.0
Chromium	2000	2000	100.0	2000	2080	104.0	2000	2050	102.5
Cobalt	2000	2070	103.5	2000	2060	103.0	2000	2070	103.5
Copper	2000	2020	101.0	2000	2050	102.5	2000	2050	102.5
Iron	40000	40200	100.5	40000	39700	99.3	40000	39500	98.8
Lead	2000	2010	100.5	2000	2030	101.5	2000	2040	102.0
Magnesium	40000	39500	98.8	40000	39300	98.3	40000	39100	97.8
Manganese	2000	2020	101.0	2000	2110	105.5	2000	2070	103.5
Molybdenum									
Nickel	2000	2010	100.5	2000	2030	101.5	2000	2040	102.0
Palladium									
Potassium	40000	43300	108.3	40000	42600	106.5	40000	42700	106.8
Selenium	2000	2060	103.0	2000	2040	102.0	2000	2050	102.5
Silicon									
Silver	250	247	98.8	250	252	100.8	250	250	100.0
Sodium	40000	38600	96.5	40000	40600	101.5	40000	41200	103.0
Strontium									
Thallium	2000	2050	102.5	2000	2050	102.5	2000	2050	102.5
Tin									
Titanium									
Tungsten									
Vanadium	2000	2000	100.0	2000	2070	103.5	2000	2040	102.0
Zinc	2000	2040	102.0	2000	2060	103.0	2000	2060	103.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25459 Units: ug/l

Time:		02:17			03:30			04:42	
Sample ID:	CCV	CCV10		CCV	CCV11		CCV	CCV12	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	41100	102.8	40000	41000	102.5	40000	40700	101.8
Antimony	2000	2050	102.5	2000	2090	104.5	2000	2090	104.5
Arsenic	2000	2050	102.5	2000	2090	104.5	2000	2100	105.0
Barium	2000	2160	108.0	2000	2180	109.0	2000	2150	107.5
Beryllium	2000	2100	105.0	2000	2110	105.5	2000	2090	104.5
Boron									
Cadmium	2000	2050	102.5	2000	2080	104.0	2000	2090	104.5
Calcium	40000	39900	99.8	40000	39900	99.8	40000	39200	98.0
Chromium	2000	2040	102.0	2000	2100	105.0	2000	2060	103.0
Cobalt	2000	2070	103.5	2000	2100	105.0	2000	2100	105.0
Copper	2000	2070	103.5	2000	2090	104.5	2000	2080	104.0
Iron	40000	40100	100.3	40000	40200	100.5	40000	39900	99.8
Lead	2000	2050	102.5	2000	2070	103.5	2000	2070	103.5
Magnesium	40000	39700	99.3	40000	39700	99.3	40000	39400	98.5
Manganese	2000	2070	103.5	2000	2130	106.5	2000	2100	105.0
Molybdenum									
Nickel	2000	2050	102.5	2000	2070	103.5	2000	2070	103.5
Palladium									
Potassium	40000	43500	108.8	40000	44100	110.3*(a	40000	43400	108.5
Selenium	2000	2040	102.0	2000	2090	104.5	2000	2090	104.5
Silicon									
Silver	250	250	100.0	250	256	102.4	250	251	100.4
Sodium	40000	42200	105.5	40000	42500	106.3	40000	42700	106.8
Strontium									
Thallium	2000	2050	102.5	2000	2080	104.0	2000	2090	104.5
Tin									
Titanium									
Tungsten									
Vanadium	2000	2040	102.0	2000	2100	105.0	2000	2070	103.5
Zinc	2000	2060	103.0	2000	2090	104.5	2000	2090	104.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for this element in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25459 Units: ug/l

Time:		05:53			07:05			08:17	
Sample ID:	CCV	CCV13		CCV	CCV14		CCV	CCV15	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	40700	101.8	40000	41600	104.0	40000	42100	105.3
Antimony	2000	2090	104.5	2000	2100	105.0	2000	2160	108.0
Arsenic	2000	2100	105.0	2000	2100	105.0	2000	2160	108.0
Barium	2000	2150	107.5	2000	2200	110.0	2000	2220	111.0*(a
Beryllium	2000	2110	105.5	2000	2140	107.0	2000	2130	106.5
Boron									
Cadmium	2000	2100	105.0	2000	2100	105.0	2000	2140	107.0
Calcium	40000	40000	100.0	40000	40800	102.0	40000	39800	99.5
Chromium	2000	2080	104.0	2000	2110	105.5	2000	2080	104.0
Cobalt	2000	2110	105.5	2000	2110	105.5	2000	2150	107.5
Copper	2000	2090	104.5	2000	2120	106.0	2000	2140	107.0
Iron	40000	40200	100.5	40000	40900	102.3	40000	40600	101.5
Lead	2000	2100	105.0	2000	2080	104.0	2000	2100	105.0
Magnesium	40000	39700	99.3	40000	40500	101.3	40000	39900	99.8
Manganese	2000	2120	106.0	2000	2150	107.5	2000	2110	105.5
Molybdenum									
Nickel	2000	2090	104.5	2000	2080	104.0	2000	2100	105.0
Palladium									
Potassium	40000	43000	107.5	40000	43900	109.8	40000	44500	111.3*(a
Selenium	2000	2100	105.0	2000	2100	105.0	2000	2160	108.0
Silicon									
Silver	250	253	101.2	250	257	102.8	250	257	102.8
Sodium	40000	42400	106.0	40000	43300	108.3	40000	44400	111.0*(a
Strontium									
Thallium	2000	2090	104.5	2000	2090	104.5	2000	2120	106.0
Tin									
Titanium									
Tungsten									
Vanadium	2000	2080	104.0	2000	2120	106.0	2000	2090	104.5
Zinc	2000	2110	105.5	2000	2100	105.0	2000	2110	105.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for this element in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25459 Units: ug/l

Time:		09:25			10:01	
Sample ID:	CCV	CCV16		CCV	CCV17	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	41800	104.5	40000	43400	108.5
Antimony	2000	2130	106.5	2000	2140	107.0
Arsenic	2000	2140	107.0	2000	2140	107.0
Barium	2000	2210	110.5*(a	2000	2300	115.0*(a
Beryllium	2000	2130	106.5	2000	2230	111.5*(a
Boron						
Cadmium	2000	2120	106.0	2000	2140	107.0
Calcium	40000	40100	100.3	40000	42200	105.5
Chromium	2000	2090	104.5	2000	2140	107.0
Cobalt	2000	2140	107.0	2000	2140	107.0
Copper	2000	2130	106.5	2000	2120	106.0
Iron	40000	40500	101.3	40000	42500	106.3
Lead	2000	2100	105.0	2000	2130	106.5
Magnesium	40000	40000	100.0	40000	42100	105.3
Manganese	2000	2130	106.5	2000	2180	109.0
Molybdenum						
Nickel	2000	2100	105.0	2000	2120	106.0
Palladium						
Potassium	40000	44400	111.0*(a	40000	46200	115.5*(a
Selenium	2000	2130	106.5	2000	2130	106.5
Silicon						
Silver	250	257	102.8	250	259	103.6
Sodium	40000	44100	110.3*(a	40000	45400	113.5*(a
Strontium						
Thallium	2000	2120	106.0	2000	2130	106.5
Tin						
Titanium						
Tungsten						
Vanadium	2000	2100	105.0	2000	2140	107.0
Zinc	2000	2120	106.0	2000	2140	107.0
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for this element in the area bracketed by this QC.

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25459 Units: ug/l

Time:				17:56	
Sample ID:	CRI	CRIA	CRID	CRID1	
Metal	True	True	True	Results	% Rec
Aluminum			100	94.5	94.5
Antimony	120		3.0	3.6	120.0
Arsenic	20	3.0	3.0	3.2	106.7
Barium	400		4.0	4.1	102.5
Beryllium	10	1.0	1.0	1.0	100.0
Boron			10		
Cadmium	10		1.0	1.1	110.0
Calcium			1000	1020	102.0
Chromium	20		2.0	2.2	110.0
Cobalt	100		3.0	2.6	86.7
Copper	50		2.0	1.8	90.0
Iron					
Lead	6.0		2.5	2.1	84.0
Magnesium			100	99.6	99.6
Manganese	30		3.0	3.3	110.0
Molybdenum	40				
Nickel	80		4.0	4.1	102.5
Palladium	100				
Potassium			2000	2040	102.0
Selenium	10		5.0	5.8	116.0
Silicon					
Silver	20		1.0	1.0	100.0
Sodium			1000	1010	101.0
Strontium					
Thallium	20	2.0	2.0	2.4	120.0
Tin					
Titanium					
Tungsten	50				
Vanadium	100		2.0	2.3	115.0
Zinc	40		10	11.0	110.0
Zirconium	10	10	5.0		

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25459 Units: ug/l

Time:		17:50	
Sample ID:	CRIB	CRIB1	
Metal	True	Results	% Rec
Aluminum	200	187	93.5
Antimony	6.0	5.9	98.3
Arsenic	8.0	8.1	101.3
Barium	200	200	100.0
Beryllium	2.0	2.0	100.0
Boron	100		
Cadmium	3.0	2.7	90.0
Calcium	5000	5000	100.0
Chromium	10	9.9	99.0
Cobalt	50	49.8	99.6
Copper	10	9.2	92.0
Iron	100	123	123.0
Lead	3.0	3.0	100.0
Magnesium	5000	4830	96.6
Manganese	15	15.7	104.7
Molybdenum	20		
Nickel	10	10.1	101.0
Palladium	50		
Potassium	10000	9760	97.6
Selenium	10	9.6	96.0
Silicon	200		
Silver	5.0	5.1	102.0
Sodium	10000	9770	97.7
Strontium	10		
Thallium	10	13.2	132.0
Tin	10		
Titanium	10		
Tungsten	50		
Vanadium	50	49.0	98.0
Zinc	20	21.7	108.5
Zirconium	10		

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25459 Units: ug/l

Time:			18:25		18:32		02:05		02:11	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	490000	98.0	499000	99.8	506000	101.2	511000	102.2
Antimony		1000	-1.2		1030	103.0	-0.70		1050	105.0
Arsenic		1000	2.7		1010	101.0	3.1		1030	103.0
Barium		500	-4.0		510	102.0	-4.0		532	106.4
Beryllium		500	0.0		493	98.6	0.0		498	99.6
Boron			-2.4		-20		-3.5		-19	
Cadmium		1000	-0.50		1060	106.0	-0.50		1080	108.0
Calcium	400000	400000	379000	94.8	381000	95.3	380000	95.0	380000	95.0
Chromium		500	0.60		488	97.6	0.30		499	99.8
Cobalt		500	1.8		472	94.4	1.9		479	95.8
Copper		500	0.40		513	102.6	0.40		542	108.4
Iron	200000	200000	181000	90.5	181000	90.5	181000	90.5	183000	91.5
Lead		1000	-1.7		988	98.8	-1.2		1010	101.0
Magnesium	500000	500000	508000	101.6	511000	102.2	505000	101.0	509000	101.8
Manganese		500	-0.30		485	97.0	-0.30		502	100.4
Molybdenum		500	2.2		487	97.4	1.7		499	99.8
Nickel		1000	0.80		976	97.6	1.4		994	99.4
Palladium		500	-45		498	99.6	-41		520	104.0
Potassium			-26		-32		-21		-20	
Selenium		1000	-4.2		963	96.3	-2.3		979	97.9
Silicon			-13		-15		-7.6		-9.6	
Silver		1000	2.4		1070	107.0	0.70		1100	110.0
Sodium			399		398		608		596	
Strontium			0.40		0.50		0.60		0.80	
Thallium		1000	2.0		946	94.6	-1.9		958	95.8
Tin			-7.6		-5.5		-6.4		-6.5	
Titanium			3.3		2.6		3.5		3.0	
Tungsten		500	48.9		543	108.6	40.7		545	109.0
Vanadium		500	1.1		480	96.0	1.7		497	99.4
Zinc		1000	-0.60		899	89.9	-0.50		908	90.8
Zirconium		500	5.8		418	83.6	4.9		418	83.6

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

File ID: SA120210M2.ICP Date Analyzed: 12/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25459 Units: ug/l

Time:			09:49		09:55	
Sample ID:	ICSA	ICSAB	ICSA3		ICSAB3	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	521000	104.2	524000	104.8
Antimony		1000	1.2		1070	107.0
Arsenic		1000	4.2		1050	105.0
Barium		500	-4.1		541	108.2
Beryllium		500	0.0		503	100.6
Boron			-4.3		-21	
Cadmium		1000	-0.70		1100	110.0
Calcium	400000	400000	378000	94.5	384000	96.0
Chromium		500	0.40		500	100.0
Cobalt		500	2.3		487	97.4
Copper		500	0.40		544	108.8
Iron	200000	200000	184000	92.0	185000	92.5
Lead		1000	-2.4		1020	102.0
Magnesium	500000	500000	509000	101.8	513000	102.6
Manganese		500	-0.20		502	100.4
Molybdenum		500	1.0		506	101.2
Nickel		1000	1.3		1010	101.0
Palladium		500	-50		523	104.6
Potassium			-54		-48	
Selenium		1000	-2.8		998	99.8
Silicon			-9.9		-6.7	
Silver		1000	1.4		1110	111.0
Sodium			440		434	
Strontium			0.90		0.80	
Thallium		1000	-1.6		971	97.1
Tin			-7.0		-6.7	
Titanium			3.3		2.8	
Tungsten		500	37.3		554	110.8
Vanadium		500	1.7		498	99.6
Zinc		1000	-0.40		920	92.0
Zirconium		500	4.5		415	83.0

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/01/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	.25	1.5	0.61	<20
Antimony	2.0	.12	.35	-0.20	<2.0
Arsenic	2.0	.12	.21	0.10	<2.0
Barium	20	.02	.036	0.0	<20
Beryllium	0.20	.02	.017	0.0	<0.20
Boron	10	.08	.2		
Cadmium	0.50	.02	.022	-0.030	<0.50
Calcium	500	1.1	.68	-0.47	<500
Chromium	1.0	.03	.059	0.0	<1.0
Cobalt	5.0	.03	.035	0.030	<5.0
Copper	2.5	.03	.074	0.050	<2.5
Iron	10	.2	1.8	0.30	<10
Lead	2.0	.09	.11	0.14	<2.0
Magnesium	500	1.3	1.2	-0.25	<500
Manganese	1.5	.02	.041	0.0	<1.5
Molybdenum	2.0	.07	.24		
Nickel	4.0	.03	.07	-0.050	<4.0
Palladium	5.0	.11	.26		
Potassium	1000	1.5	1.8	2.5	<1000
Selenium	2.0	.16	.32	-0.20	<2.0
Silicon	20	.52	1.5		
Silver	0.50	.03	.054	0.0	<0.50
Sodium	1000	.79	1.4	-1.2	<1000
Strontium	1.0	.01	.017		
Thallium	1.0	.13	.17	0.43	<1.0
Tin	5.0	.03	.38		
Titanium	1.0	.03	.1		
Tungsten	5.0	1.1	1.1		
Vanadium	5.0	.02	.046	0.010	<5.0
Zinc	2.0	.28	.21	0.030	<2.0
Zirconium	2.0	.05	.61		

Associated samples MP55928: JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/01/10

Metal	JA61985-2 Original	MS	Spikelot MPIRS1	% Rec	QC Limits
Aluminum	8700	17600	6130	145.2N(a	75-125
Antimony	0.29	63.7	113	55.9N(a)	75-125
Arsenic	3.3	424	454	92.7	75-125
Barium	58.9	490	454	95.0	75-125
Beryllium	0.35	11.5	11.3	98.2	75-125
Boron					
Cadmium	0.22	12.0	11.3	103.8	75-125
Calcium	8650	3440	1420	-367.2(b	75-125
Chromium	12.7	57.4	45.4	98.5	75-125
Cobalt	5.3	115	113	96.7	75-125
Copper	23.0	71.2	56.7	84.9	75-125
Iron	15500	25400	5900	167.7N(a	75-125
Lead	165	242	113	67.8N(a)	75-125
Magnesium	2060	3890	1420	129.0N(a	75-125
Manganese	331	541	113	185.0N(a	75-125
Molybdenum					
Nickel	13.8	122	113	95.3	75-125
Palladium					
Potassium	820	2540	1420	121.2	75-125
Selenium	0.44	401	454	88.2	75-125
Silicon					
Silver	1.3	12.4	11.3	97.8	75-125
Sodium	213	1500	1420	90.7	75-125
Strontium					
Thallium	0.23	420	454	92.5	75-125
Tin					
Titanium					
Tungsten					
Vanadium	29.4	123	113	82.5	75-125
Zinc	114	329	113	189.4N(a	75-125
Zirconium					

Associated samples MP55928: JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/01/10

Metal	JA61985-2 Original	MSD	Spikelot MPIRS1	% Rec	MSD RPD	QC Limit
Aluminum	8700	17700	5950	151.3N(a	0.6	20
Antimony	0.29	57.7	110	52.1N(a)	9.9	20
Arsenic	3.3	406	441	91.4	4.3	20
Barium	58.9	484	441	96.5	1.2	20
Beryllium	0.35	11.2	11	98.5	2.6	20
Boron						
Cadmium	0.22	11.5	11	102.4	4.3	20
Calcium	8650	3400	1380	-381.3(b	1.2	20
Chromium	12.7	56.9	44.1	100.3	3.8	20
Cobalt	5.3	110	110	95.0	4.4	20
Copper	23.0	82.5	55.1	108.0	14.7	20
Iron	15500	24400	5730	155.4N(a	4.0	20
Lead	165	186	110	19.1N(a)	26.2 (c)	20
Magnesium	2060	4030	1380	143.1N(a	3.5	20
Manganese	331	481	110	136.2N(a	11.7	20
Molybdenum						
Nickel	13.8	117	110	93.7	4.2	20
Palladium						
Potassium	820	2520	1380	123.5	0.8	20
Selenium	0.44	386	441	87.5	3.8	20
Silicon						
Silver	1.3	11.8	11	95.3	8.9	20
Sodium	213	1430	1380	88.4	4.8	20
Strontium						
Thallium	0.23	405	441	91.9	3.6	20
Tin						
Titanium						
Tungsten						
Vanadium	29.4	119	110	81.3	3.3	20
Zinc	114	341	110	206.1N(a	3.6	20
Zirconium						

Associated samples MP55928: JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(c) High rpd due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/01/10

Metal	BSP Result	Spikelot MPIRS1	% Rec	QC Limits
Aluminum	5400	5400	100.0	80-120
Antimony	101	100	101.0	80-120
Arsenic	389	400	97.3	80-120
Barium	401	400	100.3	80-120
Beryllium	10.2	10	102.0	80-120
Boron				
Cadmium	9.9	10	99.0	80-120
Calcium	1250	1250	100.0	80-120
Chromium	40.9	40	102.3	80-120
Cobalt	102	100	102.0	80-120
Copper	46.9	50	93.8	80-120
Iron	5520	5200	106.2	80-120
Lead	90.8	100	90.8	80-120
Magnesium	1210	1250	96.8	80-120
Manganese	102	100	102.0	80-120
Molybdenum				
Nickel	95.7	100	95.7	80-120
Palladium				
Potassium	1280	1250	102.4	80-120
Selenium	373	400	93.3	80-120
Silicon				
Silver	10.2	10	102.0	80-120
Sodium	1260	1250	100.8	80-120
Strontium				
Thallium	380	400	95.0	80-120
Tin				
Titanium				
Tungsten				
Vanadium	97.2	100	97.2	80-120
Zinc	99.7	100	99.7	80-120
Zirconium				

Associated samples MP55928: JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date: 12/01/10

Metal	JA61985-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum	75100	72000	4.2	0-10
Antimony	2.50	0.00	100.0(a)	0-10
Arsenic	28.2	29.6	5.0	0-10
Barium	508	504	0.8	0-10
Beryllium	3.00	2.90	3.3	0-10
Boron				
Cadmium	1.90	1.00	47.4 (a)	0-10
Calcium	74700	75100	0.5	0-10
Chromium	110	114	4.1	0-10
Cobalt	45.4	46.6	2.6	0-10
Copper	199	196	1.4	0-10
Iron	134000	139000	4.1	0-10
Lead	1420	1430	0.4	0-10
Magnesium	17800	17700	0.6	0-10
Manganese	2860	2930	2.6	0-10
Molybdenum				
Nickel	119	152	27.8*(b)	0-10
Palladium				
Potassium	7080	6940	1.9	0-10
Selenium	3.80	0.00	100.0(a)	0-10
Silicon				
Silver	11.2	11.5	2.7	0-10
Sodium	1840	1780	2.8	0-10
Strontium				
Thallium	2.00	0.00	100.0(a)	0-10
Tin				
Titanium				
Tungsten				
Vanadium	254	255	0.4	0-10
Zinc	986	1120	13.9*(b)	0-10
Zirconium				

Associated samples MP55928: JA62028-3, JA62028-4, JA62028-5, JA62028-6, JA62028-7, JA62028-8, JA62028-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55928
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55941
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/01/10

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.019	.0098	0.021	<0.033

Associated samples MP55941: JA62028-7, JA62028-8, JA62028-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55941
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/01/10

Metal	JA61946-1 Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.0	0.38	0.353	107.7	75-125

Associated samples MP55941: JA62028-7, JA62028-8, JA62028-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55941 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/01/10

Metal	JA61946-1 Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.36	0.351	102.6	5.4	20

Associated samples MP55941: JA62028-7, JA62028-8, JA62028-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA62028
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

QC Batch ID: MP55941
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/01/10

Metal	LCS Result	Spikelot HGLCS67540% Rec		QC Limits
Mercury	27.1	25.3	107.1	72-128

Associated samples MP55941: JA62028-7, JA62028-8, JA62028-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Instrument Detection Limits

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Instrument ID: LEEMANHG1 **Effective Date:** 03/16/10

Analyte	IDL ug/l
Mercury	.116

The above applies to the following instrument runs:
MA25449

Instrument Detection Limits

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Instrument ID: SSTRACE1 **Effective Date:** 09/03/10

Analyte	IDL ug/l
Aluminum	2.5
Antimony	1.2
Arsenic	1.2
Barium	.2
Beryllium	.2
Boron	.8
Cadmium	.2
Calcium	10.9
Chromium	.3
Cobalt	.3
Copper	.3
Iron	2
Lead	.9
Magnesium	13
Manganese	.2
Molybdenum	.7
Nickel	.3
Palladium	1.1
Potassium	15
Selenium	1.6
Silicon	5.2
Silver	.3
Sodium	7.9
Strontium	.1
Thallium	1.3
Tin	.3
Titanium	.3
Tungsten	10.9
Vanadium	.2
Zinc	2.8
Zirconium	.5

The above applies to the following instrument runs:
MA25450,MA25454,MA25459

Instrument Linear Ranges

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Instrument ID: SSTRACE1 **Effective Date:** 09/03/10

Analyte	Linear Range ug/l
Aluminum	1000000
Antimony	50000
Arsenic	10000
Barium	50000
Beryllium	25000
Boron	50000
Cadmium	10000
Calcium	1000000
Chromium	50000
Cobalt	50000
Copper	50000
Iron	500000
Lead	50000
Magnesium	1000000
Manganese	10000
Molybdenum	50000
Nickel	50000
Palladium	50000
Potassium	1000000
Selenium	50000
Silicon	50000
Silver	2000
Sodium	1000000
Strontium	10000
Thallium	50000
Tin	50000
Titanium	50000
Tungsten	50000
Vanadium	50000
Zinc	50000
Zirconium	50000

The above applies to the following instrument runs:
MA25450,MA25454,MA25459

New Jersey ACCUTEST LABORATORIES

Metals Analysis

Raw Data

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 994 09:38:14 02 Dec 10 HG

Hg .000 ppb 332

*** Standard: 2 Rep: 1 Seq: 995 09:39:22 02 Dec 10 HG

Hg .200 ppb 747

*** Standard: 3 Rep: 1 Seq: 996 09:40:43 02 Dec 10 HG

Hg .500 ppb 2315

*** Standard: 4 Rep: 1 Seq: 997 09:41:52 02 Dec 10 HG

Hg 1.00 ppb 4309

*** Standard: 5 Rep: 1 Seq: 998 09:43:02 02 Dec 10 HG

Hg 2.50 ppb 10077

*** Standard: 6 Rep: 1 Seq: 999 09:44:51 02 Dec 10 HG

Hg 5.00 ppb 21372

*** Sample ID: ICV Seq: 1000 09:47:32 02 Dec 10 HG

Hg 2.92 ppb .000 % 2.92

==========

*** Sample ID: ICB Seq: 1001 09:48:52 02 Dec 10 HG

Hg .016 ppb .000 % .016

*** Check Standard: 2 Ck2CCV Seq: 1002 09:50:02 02 Dec 10 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	2.52	2.50	ppb	.000 %

*** Check Standard: 1 Ck1CCB Seq: 1003 09:51:10 02 Dec 10 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.012	.200	ppb	.000 %

*** Sample ID: CRA Seq: 1004 09:52:31 02 Dec 10 HG

Hg .290 ppb .000 % .290

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Folder: accutest Page 1999
Protocol: PPB
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: MP55941-MB				Seq: 1005	10:12:44 02 Dec 10	HG		
Hg	.123	ppb	.000 %	.123				
*** Sample ID: MP55941-LC				Seq: 1006	10:13:58 02 Dec 10	HG		
Hg	2.61	ppb	.000 %	2.61				
*** Sample ID: MP55941-LC				Seq: 1007	10:15:54 02 Dec 10	HG		
					Wgt 1.0000 Vol 10.000			
Hg	27.2	ppb	.000 %	27.2				
*** Sample ID: MP55941-S1				Seq: 1008	10:17:05 02 Dec 10	HG		
Hg	2.17	ppb	.000 %	2.17				
*** Sample ID: MP55941-S2				Seq: 1009	10:18:18 02 Dec 10	HG		
Hg	2.08	ppb	.000 %	2.08				
*** Sample ID: JA61946-1				Seq: 1010	10:19:31 02 Dec 10	HG		
Hg	.091	ppb	.000 %	.091				
*** Sample ID: JA61925-1				Seq: 1011	10:21:47 02 Dec 10	HG		
Hg	47.7	ppb	.000 %	47.7				
*** Sample ID: JA61925-1				Seq: 1012	10:28:29 02 Dec 10	HG		
					Wgt 1.0000 Vol 20.000			
Hg	49.3	ppb	.000 %	49.3				
*** Sample ID: CRA				Seq: 1013	10:30:21 02 Dec 10	HG		
Hg	.171	ppb	.000 %	.171				
*** Check Standard: 2 Ck2CCV				Seq: 1014	10:31:31 02 Dec 10	HG		

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.0	2.40	2.50	ppb	.000 %

10.1

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 1015 10:32:59 02 Dec 10 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.086	.200	ppb	.000 %

*** Sample ID: JA61968-1 Seq: 1016 10:34:09 02 Dec 10 HG

Hg	.152	ppb	.000	%	.152

*** Sample ID: JA61405-23 Seq: 1017 10:35:22 02 Dec 10 HG

Hg	.601	ppb	.000	%	.601

*** Sample ID: JA61405-24 Seq: 1018 10:36:32 02 Dec 10 HG

Hg	.056	ppb	.000	%	.056

*** Sample ID: JA61405-25 Seq: 1019 10:37:52 02 Dec 10 HG

Hg	.792	ppb	.000	%	.792

*** Sample ID: JA61405-26 Seq: 1020 10:39:02 02 Dec 10 HG

Hg	8.23	ppb	.000	%	8.23

*** Sample ID: JA61985-1 Seq: 1021 10:42:32 02 Dec 10 HG

Hg	1.50	ppb	.000	%	1.50

*** Sample ID: JA61985-2 Seq: 1022 10:43:46 02 Dec 10 HG

Hg	.310	ppb	.000	%	.310

*** Sample ID: JA61986-1 Seq: 1023 10:44:57 02 Dec 10 HG

Hg	61.4	ppb	.000	%	61.4

*** Sample ID: JA61986-2 Seq: 1024 10:46:10 02 Dec 10 HG

Hg	3.07	ppb	.000	%	3.07

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JA62028-7				Seq: 1025	10:47:59 02 Dec 10	HG		
Hg	.740	ppb	.000 %	.740				

*** Check Standard: 2 Ck2CCV					Seq: 1026	10:49:08 02 Dec 10	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD	
Hg		96.6	2.42	2.50	ppb	.000 %	

*** Check Standard: 1 Ck1CCB				Seq: 1027	10:50:17 02 Dec 10	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.014	.200	ppb	.000 %	

*** Sample ID: JA62028-8				Seq: 1028	10:51:35 02 Dec 10	HG
Hg	.286	ppb	.000 %	.286		
*** Sample ID: JA62028-9				Seq: 1029	10:52:58 02 Dec 10	HG
Hg	2.35	ppb	.000 %	2.35		
*** Sample ID: JA62411-1				Seq: 1030	10:54:20 02 Dec 10	HG
Hg	1.81	ppb	.000 %	1.81		
*** Sample ID: JA62411-2				Seq: 1031	10:55:42 02 Dec 10	HG
Hg	2.78	ppb	.000 %	2.78		
*** Sample ID: JA62411-3				Seq: 1032	10:56:50 02 Dec 10	HG
Hg	2.95	ppb	.000 %	2.95		
*** Sample ID: JA62411-4				Seq: 1033	10:58:12 02 Dec 10	HG
Hg	.639	ppb	.000 %	.639		
*** Sample ID: JA62411-5				Seq: 1034	10:59:20 02 Dec 10	HG
Hg	1.72	ppb	.000 %	1.72		

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JA61405-26				Seq: 1035	11:06:39 02 Dec 10	HG		
					Wgt 1.0000 Vol 2.0000			
Hg	8.16	ppb	.000 %	8.16				
*** Sample ID: JA61986-1				Seq: 1036	11:08:00 02 Dec 10	HG		
					Wgt 1.0000 Vol 20.000			
Hg	.343	ppb	.000 %	.343				
*** Sample ID: JA61986-1				Seq: 1037	11:14:11 02 Dec 10	HG		
					Wgt 1.0000 Vol 20.000			
Hg	62.6	ppb	.000 %	62.6				
*** Check Standard: 2 Ck2CCV				Seq: 1038	11:15:27 02 Dec 10	HG		

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.0	2.45	2.50	ppb	.000 %

*** Check Standard: 1 Ck1CCB				Seq: 1039	11:16:49 02 Dec 10	HG		

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.025	.200	ppb	.000 %

*** Sample ID: MP55942-MB				Seq: 1040	11:29:46 02 Dec 10	HG		
Hg	.050	ppb	.000 %	.050				
*** Sample ID: MP55942-LC				Seq: 1041	11:31:17 02 Dec 10	HG		
					Wgt 1.0000 Vol 10.000			
Hg	27.6	ppb	.000 %	27.6				
*** Sample ID: MP55942-S1				Seq: 1042	11:32:27 02 Dec 10	HG		
Hg	2.09	ppb	.000 %	2.09				
*** Sample ID: MP55942-S2				Seq: 1043	11:33:38 02 Dec 10	HG		
Hg	2.12	ppb	.000 %	2.12				
*** Sample ID: JA61992-1A				Seq: 1044	11:35:19 02 Dec 10	HG		
Hg	.186	ppb	.000 %	.186				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JA61992-2A				Seq: 1045	11:36:40 02 Dec 10	HG		
Hg	.153	ppb	.000 %	.153				
*** Sample ID: JA61992-3A				Seq: 1046	11:38:12 02 Dec 10	HG		
Hg	.180	ppb	.000 %	.180				
*** Sample ID: JA61992-4A				Seq: 1047	11:39:24 02 Dec 10	HG		
Hg	.167	ppb	.000 %	.167				
*** Sample ID: JA61992-5A				Seq: 1048	11:40:33 02 Dec 10	HG		
Hg	.180	ppb	.000 %	.180				
*** Sample ID: JA61992-6A				Seq: 1049	11:41:45 02 Dec 10	HG		
Hg	.156	ppb	.000 %	.156				
*** Check Standard: 2 Ck2CCV				Seq: 1050	11:42:56 02 Dec 10	HG		
Line Flag %Rcv. Found True Units SD/RSD								
Hg		97.0	2.43 2.50	ppb	.000 %			
*** Check Standard: 1 Ck1CCB				Seq: 1051	11:44:05 02 Dec 10	HG		
Line Flag Found Range(+/-) Units SD/RSD								
Hg		.005	.200	ppb	.000 %			
*** Sample ID: JA61992-7A				Seq: 1052	11:45:26 02 Dec 10	HG		
Hg	.311	ppb	.000 %	.311				
*** Sample ID: JA61992-8A				Seq: 1053	11:46:35 02 Dec 10	HG		
Hg	.627	ppb	.000 %	.627				
*** Sample ID: JA61992-9A				Seq: 1054	11:47:50 02 Dec 10	HG		
Hg	.734	ppb	.000 %	.734				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: JA61992-10 Seq: 1055 11:49:39 02 Dec 10 HG

Hg	-.132	ppb	.000	%	-.132

*** Sample ID: JA61992-11 Seq: 1056 11:50:54 02 Dec 10 HG

Hg	.049	ppb	.000	%	.049

*** Sample ID: JA61992-12 Seq: 1057 11:52:56 02 Dec 10 HG

Hg	.076	ppb	.000	%	.076

*** Sample ID: JA61992-13 Seq: 1058 11:54:18 02 Dec 10 HG

Hg	.042	ppb	.000	%	.042

*** Sample ID: JA61992-14 Seq: 1059 11:55:28 02 Dec 10 HG

Hg	.058	ppb	.000	%	.058

*** Sample ID: JA61992-15 Seq: 1060 11:56:38 02 Dec 10 HG

Hg	.063	ppb	.000	%	.063

*** Sample ID: JA61992-16 Seq: 1061 11:57:53 02 Dec 10 HG

Hg	.046	ppb	.000	%	.046

*** Check Standard: 2 Ck2CCV Seq: 1062 11:59:13 02 Dec 10 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD	
Hg		97.7	2.44	2.50	ppb	.000	%

*** Check Standard: 1 Ck1CCB Seq: 1063 12:00:33 02 Dec 10 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		.017	.200	ppb	.000	%

*** Sample ID: JA61992-17 Seq: 1064 12:01:43 02 Dec 10 HG

Hg	.070	ppb	.000	%	.070

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Protocol: PPB
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JA61992-18				Seq: 1065	12:03:34 02 Dec 10	HG		
Hg	.067	ppb	.000 %	.067				
*** Sample ID: JA61992-19				Seq: 1066	12:04:44 02 Dec 10	HG		
Hg	.054	ppb	.000 %	.054				
*** Sample ID: JA61992-20				Seq: 1067	12:05:55 02 Dec 10	HG		
Hg	.076	ppb	.000 %	.076				
*** Sample ID: MP55943-MB				Seq: 1068	12:16:05 02 Dec 10	HG		
Hg	.043	ppb	.000 %	.043				
*** Sample ID: MP55943-LC				Seq: 1069	12:17:27 02 Dec 10 Wgt 1.0000 Vol 10.000	HG		
Hg	27.2	ppb	.000 %	27.2				
*** Sample ID: MP55943-S1				Seq: 1070	12:18:46 02 Dec 10	HG		
Hg	2.91	ppb	.000 %	2.91				
*** Sample ID: MP55943-S2				Seq: 1071	12:20:27 02 Dec 10	HG		
Hg	3.08	ppb	.000 %	3.08				
*** Sample ID: JA62485-1				Seq: 1072	12:21:38 02 Dec 10	HG		
Hg	.722	ppb	.000 %	.722				
*** Sample ID: JA62485-2				Seq: 1073	12:23:22 02 Dec 10	HG		
Hg	5.84	ppb	.000 %	5.84				
*** Check Standard: 2 Ck2CCV				Seq: 1074	12:24:45 02 Dec 10	HG		

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.2	2.43	2.50	ppb	.000 %

10.1
10

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 1075 12:26:03 02 Dec 10 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.006	.200	ppb	.000 %

=

*** Sample ID: JA62485-3 Seq: 1076 12:27:12 02 Dec 10 HG

Hg	2.33	ppb	.000	%	2.33

=

*** Sample ID: JA62485-4 Seq: 1077 12:28:36 02 Dec 10 HG

Hg	1.18	ppb	.000	%	1.18

=

*** Sample ID: JA62485-6 Seq: 1078 12:29:55 02 Dec 10 HG

Hg	1.94	ppb	.000	%	1.94

=

*** Sample ID: JA62485-7 Seq: 1079 12:31:35 02 Dec 10 HG

Hg	2.53	ppb	.000	%	2.53

=

*** Sample ID: JA62485-8 Seq: 1080 12:33:17 02 Dec 10 HG

Hg	11.8	ppb	.000	%	11.8

=

*** Sample ID: JA62746-1 Seq: 1081 12:35:11 02 Dec 10 HG

Hg	3.15	ppb	.000	%	3.15

=

*** Sample ID: JA62746-2 Seq: 1082 12:36:25 02 Dec 10 HG

Hg	.094	ppb	.000	%	.094

=

*** Sample ID: JA62485-2 Seq: 1083 12:42:53 02 Dec 10 HG
Wgt 1.0000 Vol 2.0000

Hg	5.85	ppb	.000	%	5.85

=

*** Sample ID: JA62485-8 Seq: 1084 12:44:07 02 Dec 10 HG
Wgt 1.0000 Vol 5.0000

Hg	11.8	ppb	.000	%	11.8

=

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Protocol: PPB
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2CCV Seq: 1085 12:45:27 02 Dec 10 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD	
Hg		99.1	2.48	2.50	ppb	.000	%

=

*** Check Standard: 1 Ck1CCB Seq: 1086 12:46:55 02 Dec 10 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		.021	.200	ppb	.000	%

=

10.1
10

Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 12/1/2010 16:21:48 Type: Cal
Method: Accutest1(v166) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0006	.0002	.0012	-.0007	.0001	.0041	.0000	.0036	.0000
Stddev	.0000	.0000	.0000	.0001	.0000	.0000	.0000	.0000	.000
%RSD	8.361	21.41	2.261	11.62	4.532	.9349	64.23	.2353	27.73
#1	.0006	.0003	.0012	-.0007	.0001	.0042	.0001	.0036	.0000
#2	.0006	.0002	.0011	-.0008	.0001	.0041	.0000	.0036	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	-.0001	-.0005	-.0007	-.0006	.0013	-.0001	.0000	.0069
Stddev	.0000	.0000	.0000	.0000	.0000	.0001	.0000	.000	.0001
%RSD	60.18	7.198	6.419	.2008	1.183	4.051	20.01	137.4	1.054
#1	.0001	-.0001	-.0005	-.0007	-.0006	.0014	-.0001	.0000	.0069
#2	.0000	-.0001	-.0006	-.0007	-.0006	.0013	-.0001	.0000	.0070

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	.0000	-.0002	.0026	.0002	.0006	.0000	.0062	-.0002
Stddev	.0000	.000	.0001	.0000	.0001	.0001	.000	.0001	.0002
%RSD	.7761	159.2	21.51	.9329	51.05	23.71	148.1	1.511	70.88
#1	.0001	.0000	-.0003	.0026	.0001	.0005	.0000	.0063	-.0001
#2	.0001	.0000	-.0002	.0026	.0003	.0007	.0000	.0061	-.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0029	-.0002	.0080	-.0001
Stddev	.0001	.0000	.0000	.0000
%RSD	3.201	13.67	.5698	43.39
#1	-.0030	-.0002	.0079	-.0001
#2	-.0029	-.0002	.0080	-.0001

◀ Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 12/1/2010 16:21:48 Type: Cal
Method: Accutest1(v166) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83770.	38329.	1816.3	5555.6
Stddev	5.	1183.	3.6	.4
%RSD	.00649	3.0868	.20078	.00637
#1	83767.	39165.	1818.9	5555.3
#2	83774.	37492.	1813.8	5555.8

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 12/1/2010 16:27:50 Type: Cal
Method: Accutest1(v166) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.000	2.437	1.391	1.223	.0777	.3166	.4516	.3465	.0161
Stddev	.005	.011	.003	.002	.0001	.0012	.0005	.0001	.0001
%RSD	.2710	.4496	.1834	.1282	.1181	.3681	.1000	.0296	.5792
#1	1.996	2.430	1.389	1.222	.0778	.3174	.4519	.3466	.0161
#2	2.004	2.445	1.393	1.224	.0777	.3158	.4513	.3465	.0160

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1376	.8659	.2165	.0533	.1309	.1596	.3009	.5025	.9424
Stddev	.0002	.0015	.0010	.0001	.0003	.0010	.0012	.0015	.0039
%RSD	.1719	.1789	.4515	.1644	.1952	.6512	.4127	.3010	.4120
#1	.1377	.8670	.2158	.0533	.1307	.1589	.3000	.5015	.9396
#2	.1374	.8648	.2172	.0532	.1310	.1603	.3018	.5036	.9451

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7609	.0929	.3887	1.403	.2595	1.311	.0630	.9854	.2370
Stddev	.0042	.0004	.0004	.002	.0017	.006	.0000	.0038	.0008
%RSD	.5502	.3888	.1060	.1498	.6386	.4271	.0755	.3852	.3408
#1	.7580	.0926	.3890	1.404	.2583	1.307	.0631	.9827	.2365
#2	.7639	.0932	.3884	1.401	.2607	1.315	.0630	.9881	.2376

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.391	.1566	.5226	.3618
Stddev	.010	.0002	.0030	.0001
%RSD	.2916	.1239	.5659	.0325
#1	3.384	.1568	.5205	.3619
#2	3.398	.1565	.5247	.3617

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 12/1/2010 16:27:50 Type: Cal
Method: Accutest1(v166) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82902.	38967.	1768.5	5327.1
Stddev	171.	39.	11.7	20.4
%RSD	.20647	.10086	.66340	.38355
#1	82781.	38939.	1776.8	5341.5
#2	83024.	38994.	1760.2	5312.7

Zoom In Zoom Out

Sample Name: STDC Acquired: 12/1/2010 16:33:37 Type: Cal
Method: Accutest1(v166) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.866	9.428	5.591	4.812	.3037	1.324	1.754	1.386	.0669
Stddev	.039	.018	.008	.004	.0018	.002	.008	.000	.0003
%RSD	.5003	.1919	.1427	.0934	.6033	.1289	.4593	.0237	.3912
#1	7.838	9.415	5.585	4.808	.3024	1.326	1.748	1.386	.0667
#2	7.894	9.441	5.596	4.815	.3050	1.323	1.759	1.386	.0671

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5426	3.335	.8802	.2171	.5336	.6406	1.221	2.083	3.753
Stddev	.0016	.008	.0015	.0002	.0001	.0008	.004	.005	.033
%RSD	.2901	.2496	.1757	.1121	.0197	.1282	.3346	.2481	.8777
#1	.5415	3.341	.8791	.2169	.5337	.6400	1.218	2.079	3.777
#2	.5437	3.329	.8813	.2172	.5336	.6411	1.224	2.087	3.730

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.972	.3819	1.573	5.589	1.059	5.186	.2626	4.007	.9395
Stddev	.013	.0014	.003	.070	.002	.010	.0002	.014	.0006
%RSD	.4259	.3793	.1904	1.254	.2308	.1968	.0662	.3557	.0692
#1	2.981	.3829	1.571	5.539	1.057	5.178	.2625	3.997	.9390
#2	2.963	.3809	1.575	5.638	1.060	5.193	.2627	4.017	.9400

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.14	.6279	1.982	1.442
Stddev	.04	.0020	.012	.003
%RSD	.2876	.3204	.6011	.2221
#1	13.11	.6265	1.973	1.440
#2	13.17	.6293	1.990	1.444

Zoom In Zoom Out

Sample Name: STDC Acquired: 12/1/2010 16:33:37 Type: Cal
Method: Accutest1(v166) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80588.	38273.	1691.5	4930.1
Stddev	101.	121.	7.9	17.9
%RSD	.12523	.31706	.46409	.36302
#1	80659.	38187.	1697.1	4942.7
#2	80516.	38359.	1686.0	4917.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 16:39:49 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.043	2.068	2.016	2.033	2.031	1.982	2.040	2.001	.2512
Stddev	.012	.007	.009	.010	.004	.002	.002	.011	.0004
%RSD	.5771	.3305	.4683	.4897	.1764	.1109	.0897	.5658	.1502
#1	2.034	2.063	2.009	2.026	2.029	1.983	2.039	1.993	.2509
#2	2.051	2.073	2.023	2.040	2.034	1.980	2.041	2.009	.2514
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.018	2.041	2.024	2.027	1.994	2.019	2.019	39.80	40.06
Stddev	.002	.008	.012	.011	.013	.010	.009	.22	.03
%RSD	.0770	.4126	.5883	.5431	.6350	.4902	.4681	.5491	.0772
#1	2.017	2.035	2.016	2.019	1.985	2.012	2.012	39.65	40.08
#2	2.019	2.047	2.033	2.035	2.003	2.026	2.026	39.95	40.03
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.67	39.67	40.17	40.60	2.004	2.036	1.980	5.051	2.032
Stddev	.13	.12	.24	.19	.013	.013	.002	.033	.012
%RSD	.3181	.3145	.5963	.4581	.6329	.6420	.1189	.6537	.5716
#1	40.58	39.59	40.00	40.47	1.995	2.027	1.982	5.027	2.024
#2	40.76	39.76	40.34	40.73	2.013	2.046	1.978	5.074	2.041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 16:39:49 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.039	2.015	2.163	2.036
Stddev	.020	.003	.010	.000
%RSD	.9550	.1632	.4653	.0128
#1	2.053	2.012	2.156	2.036
#2	2.026	2.017	2.170	2.036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82325.	38818.	1734.7	5180.2
Stddev	18.	149.	7.6	24.4
%RSD	.02185	.38410	.43670	.47056
#1	82338.	38713.	1740.1	5197.4
#2	82312.	38923.	1729.4	5162.9

Sample Name: CCB Acquired: 12/1/2010 16:45:41 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0000	-.0002	-.0001	.0000	.0002	-.0001
Stddev	.000	.0000	.000	.0000	.0002	.0003	.0000	.0001	.0000
%RSD	398.0	3503.	269.9	59.48	110.2	279.8	115.1	79.25	73.88
#1	.0000	.0000	-.0001	.0000	.0000	-.0004	.0000	.0003	-.0001
#2	.0000	.0000	.0000	.0000	-.0003	.0001	.0000	.0001	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0000	.0015	F .0020	-.0005	.0002	-.0003	.0009	-.0140
Stddev	.0001	.000	.0001	.0005	.0003	.0004	.0005	.0039	.0008
%RSD	63.92	417.8	6.607	26.25	55.46	188.5	181.0	408.1	5.489
#1	.0003	.0000	.0014	.0016	-.0008	.0005	-.0006	.0037	-.0145
#2	.0001	-.0001	.0015	.0024	-.0003	-.0001	.0001	-.0018	-.0135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	-.0040	.0101	-.0058	.0027	F .0025	.0005	.0042	.0008
Stddev	.0008	.0068	.0069	.0032	.0002	.0005	.0003	.0002	.0005
%RSD	42.36	171.5	68.11	55.16	9.034	18.42	51.23	4.921	57.70
#1	.0023	.0008	.0150	-.0035	.0026	.0028	.0003	.0043	.0011
#2	.0013	-.0088	.0053	-.0081	.0029	.0022	.0007	.0040	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0021			
Low Limit						-.0021			

Sample Name: CCB Acquired: 12/1/2010 16:45:41 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0002	F .0338	.0015
Stddev	.0000	.0002	.0017	.0000
%RSD	33.53	83.02	5.066	.0502
#1	.0000	.0004	.0350	.0015
#2	.0001	.0001	.0326	.0015
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit			.0327	
Low Limit			-.0327	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85251.	39389.	1790.9	5500.6
Stddev	2319.	144.	2.0	1.5
%RSD	2.7202	.36517	.11189	.02664
#1	86891.	39287.	1789.5	5499.6
#2	83612.	39491.	1792.3	5501.7

Sample Name: CRIB Acquired: 12/1/2010 16:51:44 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2027	.0021	.0028	.0505	.0101	.0097	.0160	.0107	.0052
Stddev	.0010	.0000	.0001	.0001	.0004	.0004	.0003	.0000	.0002
%RSD	.4813	.8068	4.996	.1560	4.039	3.721	2.106	.2649	4.074
#1	.2020	.0020	.0029	.0504	.0104	.0099	.0163	.0107	.0053
#2	.2034	.0021	.0027	.0505	.0098	.0094	.0158	.0107	.0050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499	.0218	.0089	.0124	.0030	.0092	.0054	.1932	4.978
Stddev	.0012	.0002	.0003	.0009	.0005	.0006	.0001	.0019	.008
%RSD	2.364	.9503	3.248	7.648	15.93	5.960	2.298	.9629	.1631
#1	.0507	.0217	.0087	.0117	.0026	.0089	.0055	.1945	4.973
#2	.0490	.0220	.0091	.0131	.0033	.0096	.0053	.1919	4.984
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1229	4.879	10.02	10.08	.1001	.0213	.0490	.1980	.0099
Stddev	.0004	.001	.04	.05	.0001	.0001	.0017	.0003	.0001
%RSD	.3276	.0135	.4048	.5253	.0798	.4143	3.477	.1632	1.347
#1	.1226	4.879	9.989	10.05	.1001	.0213	.0502	.1982	.0098
#2	.1232	4.878	10.05	10.12	.1000	.0212	.0478	.1978	.0100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Sample Name: CRIB Acquired: 12/1/2010 16:51:44 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0111	.0100	F .0734	F .0042
Stddev	.0001	.0001	.0006	.0003
%RSD	.7128	1.279	.8460	7.968
#1	.0110	.0101	.0738	.0045
#2	.0111	.0099	.0729	.0040
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			.0500	.2000
Range			30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83042.	39303.	1781.7	5459.9
Stddev	1532.	66.	5.2	12.4
%RSD	1.8444	.16911	.29174	.22782
#1	81958.	39256.	1785.4	5468.7
#2	84125.	39350.	1778.0	5451.1

Zoom In Zoom Out

Sample Name: CRID Acquired: 12/1/2010 16:57:41 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041	.0011	.0010	.0028	.0022	.0021	.0034	.0046	.0007
Stddev	.0001	.0000	.0000	.0001	.0002	.0000	.0000	.0002	.0001
%RSD	1.627	.4005	1.856	4.328	11.33	2.026	1.212	5.188	17.26
#1	.0042	.0011	.0010	.0027	.0020	.0021	.0034	.0045	.0008
#2	.0041	.0011	.0010	.0028	.0024	.0022	.0034	.0048	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	.0110	.0036	F .0031	F .0016	.0055	.0038	.0989	1.012
Stddev	.0001	.0000	.0001	.0006	.0007	.0000	.0003	.0026	.008
%RSD	6.052	.3239	2.448	19.96	43.51	.3880	8.701	2.629	.7949
#1	.0020	.0110	.0037	.0035	.0022	.0055	.0035	.0971	1.018
#2	.0022	.0110	.0035	.0026	.0011	.0055	.0040	.1008	1.006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				.0020	.0025				
Range				30.00%	-30.00%				

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048	.0979	2.091	1.029	.0124	.0007	.0000	.0018	.0003
Stddev	.0002	.0019	.006	.000	.0002	.0000	.0001	.0005	.0007
%RSD	4.084	1.917	.2990	.0307	1.903	4.050	274.2	27.15	224.1
#1	.0050	.0966	2.095	1.029	.0123	.0007	.0000	.0015	-.0002
#2	.0047	.0992	2.086	1.029	.0126	.0007	.0001	.0022	.0008
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: CRID Acquired: 12/1/2010 16:57:41 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0000	F .0163	F .0005
Stddev	.000	.000	.0013	.0000
%RSD	735.4	954.6	8.136	8.991
#1	.0000	-.0003	.0173	.0004
#2	.0000	.0002	.0154	.0005
Check ?	None	None	Chk Fail	Chk Fail
Value			.0040	.0040
Range			30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83147.	39879.	1775.9	5464.6
Stddev	583.	276.	5.1	22.5
%RSD	.70110	.69230	.28590	.41202
#1	82735.	39684.	1779.5	5480.5
#2	83559.	40075.	1772.3	5448.7

Zoom In Zoom Out

Sample Name: ICV Acquired: 12/1/2010 17:03:43 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.026	1.017	.9790	1.001	1.008	.9775	1.013	.9802	.4932
Stddev	.009	.001	.0030	.002	.008	.0061	.006	.0021	.0024
%RSD	.8243	.0776	.3047	.2168	.8077	.6239	.6403	.2143	.4895
#1	1.020	1.017	.9769	.9998	1.003	.9731	1.008	.9787	.4915
#2	1.032	1.018	.9811	1.003	1.014	.9818	1.017	.9817	.4949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9690	1.014	.9886	.9769	.9674	.9833	.9884	4.863	4.836
Stddev	.0050	.004	.0033	.0027	.0011	.0026	.0013	.050	.032
%RSD	.5110	.3708	.3318	.2721	.1156	.2680	.1356	1.020	.6510
#1	.9655	1.011	.9863	.9751	.9682	.9814	.9875	4.828	4.858
#2	.9725	1.017	.9910	.9788	.9666	.9851	.9894	4.898	4.814
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.220	4.911	10.04	10.04	.9824	.9911	.9611	F 1.153	.9713
Stddev	.009	.038	.11	.14	.0007	.0029	.0051	.002	.0011
%RSD	.1711	.7775	1.129	1.413	.0753	.2890	.5263	.1739	.1131
#1	5.214	4.884	9.959	9.936	.9819	.9891	.9576	1.152	.9705
#2	5.226	4.938	10.12	10.14	.9830	.9932	.9647	1.154	.9721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value								1.000	
Range								5.000%	

Zoom In Zoom Out

Sample Name: ICV Acquired: 12/1/2010 17:03:43 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.030	.9814	1.006	.9840
Stddev	.008	.0082	.003	.0069
%RSD	.7736	.8338	.2845	.6967
#1	1.024	.9756	1.004	.9791
#2	1.035	.9872	1.008	.9888
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83918.	39225.	1777.9	5435.4
Stddev	560.	80.	.7	.3
%RSD	.66728	.20424	.04135	.00495
#1	84314.	39168.	1777.3	5435.2
#2	83522.	39282.	1778.4	5435.6

Zoom In Zoom Out

Sample Name: ICB Acquired: 12/1/2010 17:09:31 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0002	.0000	.0003	.0000	-.0002	.0001
Stddev	.000	.000	.000	.0002	.000	.0001	.000	.0001	.0002
%RSD	198.2	76.67	1955.	97.29	432.0	45.60	149.6	40.73	271.7
#1	-.0001	.0000	.0001	.0001	.0001	.0004	-.0001	-.0001	-.0001
#2	.0000	.0000	-.0001	.0003	-.0002	.0002	.0000	-.0002	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0000	.0003	.0001	-.0004	.0014	.0003	-.0022	-.0119
Stddev	.0001	.0001	.0001	.0002	.0006	.0011	.0004	.0018	.0020
%RSD	19.57	222.3	38.60	343.4	151.7	74.70	107.8	82.43	16.40
#1	.0004	.0001	.0002	.0002	-.0008	.0022	.0001	-.0035	-.0133
#2	.0003	.0000	.0004	-.0001	.0000	.0007	.0006	-.0009	-.0105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0029	.0091	-.0134	.0019	.0010	.0000	.0036	.0006
Stddev	.0008	.0025	.0060	.0004	.0001	.0002	.0002	.0003	.0000
%RSD	1540.	88.36	66.11	3.036	5.137	17.39	728.2	9.534	4.160
#1	-.0005	-.0011	.0134	-.0137	.0020	.0011	.0002	.0039	.0006
#2	.0006	-.0047	.0049	-.0132	.0018	.0009	-.0001	.0034	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICB Acquired: 12/1/2010 17:09:31 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0117	.0009
Stddev	.000	.0001	.0007	.0000
%RSD	902.8	526.5	6.293	.1971
#1	.0000	.0001	.0122	.0009
#2	.0000	-.0001	.0112	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83101.	39104.	1788.1	5503.6
Stddev	149.	22.	.0	4.8
%RSD	.17891	.05669	.00033	.08634
#1	82996.	39088.	1788.1	5500.2
#2	83206.	39120.	1788.1	5506.9

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 17:15:35 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.061	2.078	2.034	2.052	2.030	1.993	2.030	2.007	.2529
Stddev	.006	.011	.008	.009	.007	.011	.004	.005	.0001
%RSD	.3055	.5436	.3749	.4184	.3239	.5272	.1979	.2498	.0440
#1	2.056	2.070	2.029	2.046	2.025	2.000	2.027	2.003	.2528
#2	2.065	2.086	2.039	2.058	2.034	1.985	2.033	2.010	.2530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.014	2.052	2.039	2.043	1.995	2.042	2.043	40.12	40.10
Stddev	.001	.005	.010	.004	.004	.008	.012	.11	.36
%RSD	.0454	.2225	.4940	.1706	.2256	.3981	.5720	.2740	.8917
#1	2.013	2.049	2.032	2.040	1.992	2.036	2.035	40.04	39.85
#2	2.014	2.056	2.046	2.045	1.998	2.048	2.052	40.20	40.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.86	39.80	40.58	41.12	1.997	2.049	1.996	5.079	2.048
Stddev	.28	.29	.08	.11	.003	.010	.008	.023	.009
%RSD	.6779	.7312	.2023	.2740	.1691	.4992	.4151	.4547	.4414
#1	40.66	39.60	40.64	41.20	1.995	2.042	2.002	5.063	2.042
#2	41.06	40.01	40.52	41.04	1.999	2.056	1.990	5.095	2.055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 17:15:35 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.060	2.013	2.134	2.043
Stddev	.022	.000	.020	.000
%RSD	1.058	.0150	.9148	.0110
#1	2.075	2.013	2.121	2.044
#2	2.044	2.013	2.148	2.043
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81780.	38549.	1721.0	5162.4
Stddev	337.	41.	7.6	13.2
%RSD	.41235	.10707	.44322	.25479
#1	81541.	38579.	1726.4	5171.7
#2	82018.	38520.	1715.7	5153.1

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 17:21:26 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0001	.0000	.0003	.0000	.0000	.0000
Stddev	.0000	.000	.0000	.0001	.0001	.0002	.0000	.0001	.0000
%RSD	326.4	9.008	103.3	145.0	445.2	44.53	55.33	684.5	181.4
#1	.0000	.0000	.0001	.0000	.0000	.0005	.0001	.0001	.0000
#2	.0000	.0000	.0000	.0001	.0001	.0002	.0000	.0000	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0000	.0005	.0007	-.0001	.0008	-.0001	-.0012	-.0116
Stddev	.0001	.0001	.0002	.0005	.0006	.0006	.0003	.0033	.0004
%RSD	182.4	172.4	33.37	72.04	734.0	77.20	576.8	270.7	3.273
#1	-.0001	.0000	.0004	.0003	-.0005	.0004	.0002	.0011	-.0114
#2	.0000	.0001	.0006	.0010	.0003	.0013	-.0003	-.0036	-.0119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	-.0056	.0115	-.0123	.0024	.0018	.0000	.0033	.0003
Stddev	.0005	.0036	.0008	.0013	.0001	.0002	.000	.0000	.0003
%RSD	73.09	63.87	7.161	10.55	3.685	8.863	450.8	1.425	119.2
#1	.0011	-.0031	.0121	-.0114	.0024	.0019	-.0001	.0033	.0000
#2	.0004	-.0081	.0109	-.0132	.0023	.0017	.0001	.0034	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 17:21:26 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0004	.0200	.0011
Stddev	.0000	.0002	.0012	.0001
%RSD	37.28	58.68	5.888	10.33
#1	.0000	.0005	.0208	.0012
#2	.0000	.0002	.0192	.0010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83221.	39308.	1784.2	5506.5
Stddev	13.	43.	.4	2.3
%RSD	.01546	.10925	.02388	.04140
#1	83211.	39338.	1783.9	5504.8
#2	83230.	39278.	1784.5	5508.1

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/1/2010 17:27:30 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0042	.0000	-.0008	.0018	-.0002	.0012	-.0005	.0009	-.0041
Stddev	.0001	.000	.0002	.0001	.0003	.0000	.0001	.0001	.0002
%RSD	2.636	56.30	27.79	3.267	116.7	2.204	27.39	12.36	4.707
#1	-.0041	.0000	-.0010	.0018	.0000	.0012	-.0006	.0010	-.0042
#2	-.0043	.0000	-.0007	.0019	-.0004	.0012	-.0004	.0008	-.0039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	-.0021	.0024	-.0009	-.0021	.0009	-.0022	522.4	396.3
Stddev	.0000	.0002	.0016	.0003	.0013	.0015	.0008	12.4	2.9
%RSD	.6729	9.434	64.59	30.74	59.69	166.1	38.25	2.366	.7245
#1	.0022	-.0023	.0035	-.0011	-.0030	-.0002	-.0016	513.7	394.3
#2	.0023	-.0020	.0013	-.0007	-.0012	.0019	-.0027	531.1	398.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	191.9	534.9	-.0278	.4310	-.0010	.0020	-.0070	-.0116	-.0062
Stddev	4.2	10.1	.0057	.0113	.0008	.0002	.0013	.0016	.0012
%RSD	2.196	1.888	20.61	2.617	77.65	11.06	18.19	13.36	19.58
#1	188.9	527.7	-.0238	.4230	-.0016	.0022	-.0079	-.0127	-.0053
#2	194.8	542.0	-.0319	.4389	-.0005	.0018	-.0061	-.0105	-.0070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/1/2010 17:27:30 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0007	.0027	.0516	.0047
Stddev	.0001	.0003	.0026	.0001
%RSD	17.60	12.46	5.043	2.675
#1	.0006	.0025	.0498	.0048
#2	.0007	.0030	.0534	.0046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75146.	35955.	1568.9	4445.4
Stddev	1076.	459.	3.8	5.8
%RSD	1.4317	1.2761	.24272	.12981
#1	75907.	36279.	1571.6	4449.5
#2	74385.	35630.	1566.2	4441.4

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/1/2010 17:33:44 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5381	.5165	1.106	.4931	.5130	.5416	.5202	1.007	1.133
Stddev	.0017	.0018	.002	.0001	.0005	.0030	.0029	.002	.000
%RSD	.3245	.3515	.1937	.0229	.1004	.5459	.5600	.2398	.0392
#1	.5369	.5152	1.104	.4932	.5133	.5395	.5223	1.005	1.133
#2	.5393	.5178	1.107	.4931	.5126	.5437	.5181	1.009	1.134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4991	.9363	1.065	1.016	1.012	1.023	1.092	533.6	401.7
Stddev	.0029	.0019	.001	.004	.000	.006	.003	1.1	3.6
%RSD	.5771	.2019	.1294	.3535	.0372	.6337	.2487	.2060	.9024
#1	.5011	.9350	1.066	1.013	1.012	1.019	1.090	534.4	399.1
#2	.4971	.9377	1.064	1.018	1.012	1.028	1.094	532.9	404.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	191.1	535.0	-.0192	.4842	-.0179	.5165	.5795	-.0102	-.0064
Stddev	2.6	1.2	.0133	.0006	.0006	.0014	.0028	.0001	.0001
%RSD	1.352	.2223	69.22	.1333	3.172	.2723	.4784	1.026	1.251
#1	189.3	534.2	-.0098	.4838	-.0183	.5155	.5775	-.0101	-.0063
#2	193.0	535.8	-.0287	.4847	-.0175	.5175	.5814	-.0103	-.0064
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/1/2010 17:33:44 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	.0037	.5667	.4608
Stddev	.0000	.0006	.0019	.0068
%RSD	2.741	15.45	.3364	1.486
#1	.0007	.0041	.5653	.4560
#2	.0006	.0033	.5680	.4657
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75018.	36490.	1568.5	4441.0
Stddev	3.	89.	.1	1.7
%RSD	.00370	.24324	.00523	.03858
#1	75016.	36552.	1568.5	4439.8
#2	75020.	36427.	1568.6	4442.2

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 17:39:51 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.067	2.085	2.037	2.056	2.059	1.993	2.058	2.004	.2555
Stddev	.002	.010	.004	.004	.006	.004	.005	.005	.0004
%RSD	.0923	.4954	.1830	.1836	.2807	.1829	.2670	.2368	.1416
#1	2.065	2.078	2.035	2.053	2.064	1.991	2.062	2.000	.2557
#2	2.068	2.092	2.040	2.058	2.055	1.996	2.054	2.007	.2552
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.035	2.053	2.034	2.056	1.988	2.034	2.047	40.22	40.30
Stddev	.004	.006	.007	.006	.005	.005	.001	.08	.43
%RSD	.1821	.2731	.3605	.3005	.2392	.2416	.0473	.1964	1.063
#1	2.037	2.049	2.029	2.052	1.985	2.031	2.046	40.17	40.00
#2	2.032	2.057	2.039	2.061	1.992	2.038	2.048	40.28	40.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.22	39.98	40.72	40.99	1.971	2.050	2.006	5.072	2.047
Stddev	.28	.34	.14	.17	.003	.008	.006	.007	.005
%RSD	.6830	.8518	.3406	.4230	.1468	.4012	.3126	.1458	.2479
#1	41.02	39.74	40.82	41.12	1.969	2.044	2.002	5.067	2.043
#2	41.42	40.22	40.63	40.87	1.973	2.056	2.011	5.077	2.050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 17:39:51 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.079	2.033	2.137	2.069
Stddev	.016	.001	.013	.005
%RSD	.7732	.0512	.6216	.2658
#1	2.090	2.034	2.127	2.073
#2	2.068	2.033	2.146	2.065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81540.	38378.	1727.8	5184.3
Stddev	95.	12.	2.8	7.8
%RSD	.11622	.03143	.16389	.15071
#1	81473.	38387.	1729.8	5189.9
#2	81607.	38370.	1725.8	5178.8

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 17:45:42 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0000	-.0001	.0001	.0000	-.0002	-.0001
Stddev	.000	.000	.0000	.0001	.0002	.0000	.0000	.0000	.0001
%RSD	23.28	47.63	88.27	359.4	152.3	12.63	110.5	4.497	96.28
#1	.0000	.0000	.0000	.0001	-.0002	.0001	.0000	-.0002	-.0002
#2	.0000	.0000	.0001	.0000	.0000	.0001	.0000	-.0002	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0008	.0015	-.0005	.0011	-.0004	-.0018	-.0113
Stddev	.0001	.000	.0001	.0003	.0007	.0000	.0002	.0010	.0013
%RSD	185.4	240.7	14.00	21.61	137.3	.9325	51.36	52.70	11.67
#1	.0001	.0000	.0007	.0017	-.0010	.0011	-.0005	-.0011	-.0104
#2	.0000	-.0001	.0009	.0012	.0000	.0011	-.0003	-.0025	-.0122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0040	.0049	-.0055	.0022	.0018	.0001	.0038	.0002
Stddev	.0000	.0081	.0072	.0023	.0001	.0003	.0004	.0003	.0000
%RSD	2.731	204.6	145.6	41.12	3.830	16.30	395.8	8.138	5.918
#1	.0016	-.0018	-.0001	-.0071	.0022	.0021	-.0002	.0036	.0002
#2	.0017	.0097	.0100	-.0039	.0021	.0016	.0004	.0041	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 17:45:42 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0004	.0189	.0011
Stddev	.0000	.0001	.0003	.0000
%RSD	389.1	13.06	1.625	3.231
#1	.0000	.0005	.0192	.0012
#2	.0000	.0004	.0187	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83582.	39176.	1786.6	5526.4
Stddev	11.	78.	4.2	7.0
%RSD	.01307	.19919	.23610	.12581
#1	83574.	39120.	1789.6	5531.4
#2	83590.	39231.	1783.6	5521.5

Zoom In Zoom Out

Sample Name: MP55886-MB1 2 Acquired: 12/1/2010 17:51:45 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0000	.0000	-.0001	.0001	.0004	.0001	-.0003	.0000
Stddev	.0000	.000	.0001	.0001	.0003	.0000	.0000	.0001	.000
%RSD	84.37	48.92	355.9	113.1	348.2	4.561	14.36	24.23	203.7
#1	.0001	.0000	.0000	.0000	.0003	.0004	.0001	-.0004	.0000
#2	.0000	.0000	.0001	-.0002	-.0001	.0004	.0001	-.0003	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0002	.0003	-.0005	-.0002	.0008	-.0001	.0048	-.0114
Stddev	.000	.0000	.0002	.0001	.0010	.0016	.0004	.0006	.0006
%RSD	83.60	16.70	58.28	27.71	418.7	205.2	787.6	11.84	5.644
#1	.0000	.0002	.0002	-.0004	.0005	.0019	.0002	.0052	-.0119
#2	-.0001	.0002	.0005	-.0006	-.0009	-.0004	-.0003	.0044	-.0110

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0064	-.0014	.0104	-.0098	.0012	.0007	-.0002	.0091	.0001
Stddev	.0004	.0081	.0000	.0003	.0004	.0000	.0004	.0001	.0006
%RSD	5.716	566.9	.0920	2.800	29.17	.9908	236.4	.8377	645.3
#1	.0067	.0043	.0104	-.0096	.0010	.0007	.0001	.0092	.0005
#2	.0062	-.0071	.0104	-.0100	.0015	.0007	-.0005	.0091	-.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0001	.0148	.0009
Stddev	.000	.0000	.0010	.0001
%RSD	35.39	22.09	7.037	8.616
#1	.0000	.0001	.0156	.0010
#2	.0000	.0001	.0141	.0009

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82522.	38958.	1750.1	5474.1
Stddev	354.	312.	.5	2.8
%RSD	.42932	.80175	.02690	.05189
#1	82773.	38737.	1750.4	5476.1
#2	82272.	39179.	1749.7	5472.1

Zoom In Zoom Out

Sample Name: MP55886-LC1 Acquired: 12/1/2010 17:57:45 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5314	.5259	.5058	.5242	.5226	.4813	.5220	.5002	.1965
Stddev	.0068	.0075	.0123	.0130	.0037	.0021	.0031	.0131	.0011
%RSD	1.273	1.430	2.424	2.480	.7002	.4445	.5894	2.628	.5423
#1	.5266	.5206	.4971	.5150	.5251	.4828	.5241	.4909	.1972
#2	.5362	.5312	.5145	.5334	.5200	.4798	.5198	.5095	.1957

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5035	.5202	.5083	.4785	.4823	.4922	.5133	4.920	5.431
Stddev	.0030	.0136	.0121	.0111	.0113	.0128	.0147	.064	.070
%RSD	.5932	2.605	2.380	2.314	2.337	2.608	2.862	1.290	1.299
#1	.5056	.5106	.4997	.4707	.4743	.4831	.5029	4.875	5.381
#2	.5013	.5298	.5168	.4864	.4902	.5013	.5237	4.965	5.481

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.790	5.312	10.41	10.44	-.0141	.5260	.0026	.0649	-.0004
Stddev	.082	.063	.14	.13	.0005	.0139	.0001	.0013	.0008
%RSD	1.414	1.181	1.391	1.278	3.426	2.652	5.667	1.972	183.6
#1	5.732	5.267	10.30	10.35	-.0137	.5161	.0025	.0640	.0001
#2	5.848	5.356	10.51	10.54	-.0144	.5359	.0027	.0658	-.0010

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0004	.5121	.0343	.0082
Stddev	.0000	.0033	.0007	.0015
%RSD	2.982	.6537	2.073	17.91
#1	.0004	.5145	.0348	.0093
#2	.0004	.5098	.0338	.0072

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82059.	38718.	1739.2	5403.5
Stddev	346.	229.	32.5	106.3
%RSD	.42204	.59082	1.8679	1.9663
#1	81814.	38880.	1762.1	5478.6
#2	82304.	38556.	1716.2	5328.3

Zoom In Zoom Out

Sample Name: MP55886-S1 Acquired: 12/1/2010 18:03:34 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.234	.0534	.0495	.5175	.2035	.2439	6.209	.5036	.0538
Stddev	.010	.0004	.0001	.0004	.0001	.0004	.023	.0001	.0001
%RSD	.4473	.7469	.1929	.0745	.0398	.1460	.3669	.0285	.2008
#1	2.227	.0531	.0496	.5172	.2034	.2436	6.193	.5035	.0537
#2	2.241	.0537	.0494	.5177	.2035	.2441	6.225	.5037	.0539

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4939	.5088	2.081	1.964	.4901	2.026	.5285	2.201	69.02
Stddev	.0010	.0004	.003	.003	.0011	.003	.0011	.016	.93
%RSD	.2044	.0867	.1254	.1689	.2207	.1647	.2043	.7302	1.351
#1	.4946	.5091	2.079	1.961	.4893	2.024	.5277	2.190	68.36
#2	.4932	.5085	2.083	1.966	.4908	2.028	.5293	2.213	69.68

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	13.61	39.22	30.36	89.27	.2095	.0009	.0024	10.17	-.0064
Stddev	.16	.31	.12	1.78	.0004	.0001	.0000	.01	.0005
%RSD	1.156	.7950	.3911	1.994	.2115	10.30	1.562	.1259	7.295
#1	13.50	38.99	30.27	88.01	.2098	.0010	.0024	10.16	-.0060
#2	13.72	39.44	30.44	90.53	.2092	.0009	.0024	10.18	-.0067

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1944	-.0042	.0504	.0011
Stddev	.0011	.0002	.0005	.0001
%RSD	.5890	3.643	1.067	7.842
#1	.1935	-.0041	.0508	.0011
#2	.1952	-.0043	.0500	.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80662.	37944.	1665.2	5106.1
Stddev	32.	134.	.8	.3
%RSD	.03976	.35304	.04712	.00517
#1	80684.	38038.	1665.8	5105.9
#2	80639.	37849.	1664.7	5106.3

Zoom In Zoom Out

Sample Name: MP55886-S2 Acquired: 12/1/2010 18:09:34 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.214	.0527	.0493	.5139	.2036	.2413	6.296	.4991	.0534
Stddev	.004	.0000	.0001	.0008	.0000	.0002	.020	.0001	.0001
%RSD	.1980	.0893	.2845	.1479	.0162	.0799	.3139	.0300	.2103
#1	2.211	.0526	.0494	.5134	.2036	.2415	6.310	.4990	.0533
#2	2.217	.0527	.0492	.5145	.2036	.2412	6.282	.4992	.0535

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4919	.5059	2.062	1.951	.4874	2.012	.5244	2.166	67.83
Stddev	.0003	.0003	.003	.001	.0004	.006	.0000	.004	.26
%RSD	.0693	.0525	.1589	.0675	.0866	.2801	.0023	.1978	.3824
#1	.4921	.5061	2.060	1.950	.4871	2.008	.5244	2.163	67.65
#2	.4916	.5057	2.065	1.952	.4877	2.016	.5244	2.169	68.01

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	13.45	38.58	30.14	87.49	.2079	.0007	.0019	10.14	-.0059
Stddev	.04	.18	.06	1.77	.0025	.0003	.0005	.03	.0003
%RSD	.2772	.4777	.2019	2.029	1.199	48.05	28.32	.2882	4.573
#1	13.43	38.45	30.10	86.23	.2061	.0009	.0015	10.12	-.0057
#2	13.48	38.71	30.18	88.74	.2096	.0004	.0023	10.16	-.0061

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1935	-.0043	.0479	.0014
Stddev	.0005	.0001	.0000	.0001
%RSD	.2684	2.689	.0350	6.184
#1	.1931	-.0044	.0478	.0015
#2	.1939	-.0042	.0479	.0014

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80549.	37920.	1667.3	5115.1
Stddev	65.	.	6.4	12.6
%RSD	.08017	.00121	.38615	.24666
#1	80503.	37920.	1671.9	5124.0
#2	80595.	37920.	1662.8	5106.2

Zoom In Zoom Out

Sample Name: JA61962-4 Acquired: 12/1/2010 18:15:36 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1326	.0005	.0002	.0005	-.0006	.0010	5.764	.0025	.0003
Stddev	.0003	.0000	.0001	.0001	.0000	.0008	.160	.0000	.0000
%RSD	.2514	1.418	68.66	26.13	6.600	84.00	2.783	1.496	18.62
#1	.1324	.0005	.0001	.0004	-.0006	.0015	5.878	.0025	.0002
#2	.1329	.0005	.0003	.0006	-.0005	.0004	5.651	.0025	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0021	.0035	.0010	-.0001	.0016	.0004	-.0003	.0928	43.71
Stddev	.0003	.0002	.0000	.0007	.0006	.0001	.0006	.0025	.13
%RSD	12.02	5.798	4.484	890.2	35.41	41.21	210.7	2.675	.3039
#1	.0023	.0034	.0010	.0004	.0012	.0003	.0001	.0945	43.62
#2	.0019	.0036	.0010	-.0006	.0020	.0005	-.0007	.0910	43.81

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	12.59	13.90	3.671	63.24	.2065	.0002	.0013	10.12	-.0053
Stddev	.05	.02	.013	.04	.0014	.0001	.0002	.06	.0000
%RSD	.4358	.1152	.3460	.0622	.6554	24.05	17.66	.6014	.8076
#1	12.55	13.89	3.662	63.22	.2055	.0002	.0015	10.07	-.0053
#2	12.63	13.91	3.680	63.27	.2074	.0003	.0011	10.16	-.0053

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1938	-.0042	.0237	.0008
Stddev	.0005	.0002	.0002	.0000
%RSD	.2824	4.298	.7482	5.219
#1	.1934	-.0041	.0239	.0007
#2	.1942	-.0044	.0236	.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83397.	38272.	1698.6	5278.1
Stddev	3268.	69.	9.5	28.0
%RSD	3.9189	.18085	.55829	.53110
#1	81086.	38223.	1705.4	5297.9
#2	85708.	38321.	1691.9	5258.2

Zoom In Zoom Out

Sample Name: MP55886-SD1 Acquired: 12/1/2010 18:21:40 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1308	.0004	-.0005	-.0001	-.0006	.0022	6.243	.0030	-.0004
Stddev	.0007	.0000	.0001	.0002	.0015	.0001	.013	.0002	.0010
%RSD	.5413	5.252	9.314	197.0	250.2	4.113	.2106	5.347	244.1
#1	.1303	.0005	-.0005	-.0002	.0005	.0022	6.233	.0029	.0003
#2	.1313	.0004	-.0006	.0000	-.0016	.0021	6.252	.0031	-.0011

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0025	.0121	.0015	-.0035	.0017	.0043	-.0027	.0984	43.54
Stddev	.0006	.0008	.0019	.0033	.0058	.0035	.0033	.0085	.12
%RSD	22.28	6.503	127.5	93.63	340.9	81.48	121.6	8.620	.2658
#1	.0021	.0126	.0001	-.0012	.0058	.0068	-.0051	.1044	43.46
#2	.0029	.0115	.0029	-.0059	-.0024	.0018	-.0004	.0924	43.63

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	12.68	13.73	3.584	60.64	.2034	.0003	-.0007	9.874	-.0048
Stddev	.05	.01	.040	.44	.0021	.0002	.0020	.006	.0007
%RSD	.4025	.0926	1.124	.7288	1.031	55.62	279.9	.0637	14.11
#1	12.64	13.72	3.613	60.33	.2049	.0002	.0007	9.870	-.0053
#2	12.71	13.73	3.556	60.95	.2019	.0004	-.0021	9.879	-.0043

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1917	-.0043	.0310	.0012
Stddev	.0012	.0012	.0023	.0003
%RSD	.6448	26.71	7.488	24.16
#1	.1909	-.0035	.0327	.0010
#2	.1926	-.0051	.0294	.0014

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83045.	38951.	1764.7	5485.5
Stddev	222.	42.	3.2	9.2
%RSD	.26769	.10901	.18081	.16850
#1	82887.	38981.	1766.9	5492.0
#2	83202.	38921.	1762.4	5478.9

Zoom In Zoom Out

Sample Name: JA61962-1 Acquired: 12/1/2010 18:27:40 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1562	.0004	.0001	.0000	.0000	.0028	9.713	.0034	.0005
Stddev	.0000	.0000	.0001	.0000	.000	.0000	.109	.0001	.0001
%RSD	.0173	4.778	166.8	96.53	799.6	1.046	1.120	2.480	15.49
#1	.1562	.0004	.0002	.0000	.0002	.0028	9.790	.0034	.0006
#2	.1563	.0004	.0000	.0000	-.0003	.0027	9.636	.0035	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0020	.0072	-.0012	-.0009	.0023	-.0008	-.0001	.5801	45.28
Stddev	.0000	.0002	.0003	.0001	.0003	.0002	.0004	.0009	.17
%RSD	1.850	2.794	24.87	14.47	13.07	27.76	262.9	.1581	.3848
#1	.0020	.0070	-.0010	-.0010	.0025	-.0006	.0001	.5808	45.16
#2	.0021	.0073	-.0014	-.0008	.0021	-.0009	-.0004	.5795	45.41

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	6.826	10.25	4.481	63.66	.2088	-.0003	-.0009	13.33	-.0072
Stddev	.026	.02	.009	.57	.0004	.0001	.0006	.02	.0002
%RSD	.3864	.1952	.2076	.8933	.1987	38.37	64.11	.1150	2.375
#1	6.808	10.24	4.474	63.26	.2085	-.0004	-.0005	13.34	-.0073
#2	6.845	10.27	4.488	64.06	.2091	-.0002	-.0013	13.32	-.0071

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1578	.0195	.0266	.0008
Stddev	.0003	.0000	.0004	.0001
%RSD	.1640	.1077	1.534	12.22
#1	.1576	.0194	.0269	.0009
#2	.1579	.0195	.0263	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81975.	38625.	1703.0	5284.8
Stddev	103.	46.	1.0	.1
%RSD	.12605	.12004	.05631	.00160
#1	82048.	38657.	1702.3	5284.8
#2	81902.	38592.	1703.6	5284.9

Zoom In Zoom Out

Sample Name: JA61962-2 Acquired: 12/1/2010 18:33:47 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1840	.0009	.0003	.0033	.0033	.0042	13.37	.0093	.0005
Stddev	.0011	.0000	.0000	.0002	.0003	.0001	.18	.0002	.0002
%RSD	.6046	.7731	5.061	6.101	10.39	2.541	1.348	2.014	41.35
#1	.1832	.0009	.0003	.0032	.0036	.0041	13.50	.0095	.0004
#2	.1848	.0009	.0003	.0035	.0031	.0042	13.25	.0092	.0007

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0085	.0147	-.0006	-.0019	.0048	-.0012	.0000	3.946	66.24
Stddev	.0005	.0000	.0007	.0003	.0000	.0001	.000	.021	.18
%RSD	5.618	.3275	122.2	18.13	.0415	10.69	272.4	.5338	.2690
#1	.0082	.0147	-.0010	-.0016	.0048	-.0012	-.0001	3.931	66.11
#2	.0089	.0148	-.0001	-.0021	.0048	-.0011	.0000	3.961	66.36

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	13.06	18.95	3.671	59.34	.1978	-.0003	-.0007	24.40	-.0109
Stddev	.04	.07	.008	.32	.0009	.0000	.0005	.09	.0007
%RSD	.3022	.3931	.2288	.5474	.4410	17.07	79.43	.3503	6.571
#1	13.03	18.90	3.665	59.11	.1984	-.0002	-.0003	24.46	-.0114
#2	13.09	19.01	3.677	59.57	.1972	-.0003	-.0011	24.34	-.0104

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1859	.2156	.0399	.0014
Stddev	.0009	.0015	.0011	.0000
%RSD	.5105	.7040	2.818	.1684
#1	.1852	.2167	.0407	.0014
#2	.1866	.2146	.0391	.0014

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81249.	38379.	1694.7	5207.8
Stddev	187.	90.	4.0	16.9
%RSD	.23021	.23401	.23472	.32360
#1	81116.	38442.	1691.9	5195.9
#2	81381.	38315.	1697.6	5219.7

Zoom In Zoom Out

Sample Name: JA61962-3 Acquired: 12/1/2010 18:39:53 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5345	.0005	.0004	.0000	-.0001	.0031	11.64	.0033	.0007
Stddev	.0003	.0000	.0002	.0001	.0000	.0000	.11	.0000	.0002
%RSD	.0557	1.798	46.48	801.0	41.33	1.362	.9398	.2286	33.34
#1	.5347	.0005	.0005	.0001	-.0001	.0031	11.56	.0033	.0005
#2	.5343	.0005	.0002	-.0001	-.0001	.0030	11.72	.0033	.0009

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0034	.0066	.0002	-.0015	.0075	-.0019	-.0001	.9375	87.84
Stddev	.0001	.0002	.0003	.0001	.0002	.0018	.0009	.0060	.73
%RSD	1.832	3.727	145.8	9.518	2.560	94.26	916.4	.6437	.8321
#1	.0034	.0064	.0000	-.0016	.0074	-.0006	-.0007	.9417	87.32
#2	.0034	.0068	.0004	-.0014	.0077	-.0032	.0005	.9332	88.35

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	12.84	28.24	3.899	86.47	.2929	-.0003	-.0009	17.73	-.0093
Stddev	.07	.18	.007	.45	.0006	.0001	.0004	.02	.0003
%RSD	.5190	.6301	.1877	.5156	.2109	46.58	45.92	.0945	3.250
#1	12.79	28.12	3.893	86.16	.2924	-.0002	-.0011	17.72	-.0091
#2	12.88	28.37	3.904	86.79	.2933	-.0004	-.0006	17.75	-.0095

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2585	.0345	.0329	.0011
Stddev	.0004	.0008	.0004	.0000
%RSD	.1525	2.310	1.206	3.489
#1	.2583	.0350	.0326	.0012
#2	.2588	.0339	.0332	.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80414.	38103.	1675.9	5155.0
Stddev	71.	14.	2.0	4.2
%RSD	.08857	.03635	.11705	.08186
#1	80363.	38093.	1674.5	5158.0
#2	80464.	38113.	1677.3	5152.0

Zoom In Zoom Out

Sample Name: JA61962-5 Acquired: 12/1/2010 18:46:03 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2078	.0002	.0002	.0002	.0012	.0208	4.869	.0045	.0004
Stddev	.0020	.0000	.0000	.0001	.0001	.0001	.009	.0000	.0002
%RSD	.9387	6.088	3.577	35.86	5.045	.3126	.1829	.8170	38.16
#1	.2064	.0002	.0002	.0002	.0012	.0207	4.875	.0045	.0003
#2	.2091	.0002	.0002	.0001	.0012	.0208	4.863	.0045	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0055	.3543	-.0008	-.0017	.0169	-.0009	.0001	.6551	76.18
Stddev	.0003	.0007	.0010	.0011	.0007	.0015	.0002	.0039	.69
%RSD	4.642	.2022	120.2	62.20	3.930	177.3	158.5	.5969	.9038
#1	.0053	.3538	-.0001	-.0010	.0174	.0002	.0002	.6524	76.66
#2	.0057	.3548	-.0015	-.0025	.0165	-.0019	.0000	.6579	75.69

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	18.03	17.63	5.703	84.48	1.141	.0000	.0009	15.52	-.0062
Stddev	.03	.01	.065	1.27	.002	.0000	.0003	.03	.0002
%RSD	.1405	.0767	1.135	1.499	.1282	531.9	33.04	.2160	3.852
#1	18.05	17.64	5.658	83.59	1.140	.0000	.0011	15.49	-.0061
#2	18.01	17.62	5.749	85.38	1.142	.0000	.0007	15.54	-.0064

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.3299	.0117	.0272	.0013
Stddev	.0025	.0005	.0009	.0000
%RSD	.7589	4.194	3.133	.1001
#1	.3281	.0120	.0266	.0013
#2	.3317	.0113	.0278	.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80972.	38129.	1669.7	5161.9
Stddev	110.	59.	4.3	8.9
%RSD	.13544	.15448	.25591	.17309
#1	81050.	38088.	1672.8	5168.2
#2	80894.	38171.	1666.7	5155.5

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 18:52:06 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.065	2.077	2.037	2.067	2.065	1.977	2.051	1.992	.2558
Stddev	.002	.010	.007	.006	.024	.014	.024	.005	.0023
%RSD	.1088	.4972	.3654	.2816	1.178	.6843	1.147	.2694	.9050
#1	2.067	2.084	2.032	2.063	2.082	1.987	2.068	1.988	.2574
#2	2.064	2.069	2.043	2.071	2.047	1.968	2.034	1.996	.2542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.025	2.048	2.038	2.069	1.971	2.030	2.056	40.37	40.05
Stddev	.022	.005	.008	.002	.007	.011	.008	.04	.31
%RSD	1.072	.2526	.4051	.1157	.3481	.5280	.4001	.1022	.7788
#1	2.041	2.044	2.032	2.067	1.966	2.022	2.050	40.39	40.27
#2	2.010	2.051	2.044	2.070	1.976	2.037	2.062	40.34	39.83
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.25	39.74	40.61	41.06	1.919	2.057	2.012	5.045	2.052
Stddev	.23	.20	.08	.13	.014	.009	.015	.020	.007
%RSD	.5564	.4962	.2050	.3162	.7514	.4449	.7240	.4029	.3667
#1	41.42	39.88	40.55	40.97	1.909	2.050	2.022	5.031	2.046
#2	41.09	39.60	40.67	41.16	1.929	2.063	2.001	5.059	2.057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 18:52:06 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.082	2.031	2.131	2.059
Stddev	.029	.019	.011	.018
%RSD	1.395	.9307	.5334	.8819
#1	2.103	2.044	2.123	2.072
#2	2.062	2.017	2.139	2.046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81855.	38703.	1731.5	5226.2
Stddev	654.	303.	6.1	14.8
%RSD	.79907	.78348	.35184	.28280
#1	81392.	38488.	1735.8	5236.7
#2	82317.	38917.	1727.2	5215.8

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 18:57:57 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0000	.0000	.0001	-.0001	.0004	.0001	-.0004	-.0003
Stddev	.0000	.0000	.000	.0000	.0003	.0001	.0000	.0002	.0001
%RSD	3.002	85.98	911.5	42.72	303.1	24.99	9.454	63.03	25.98
#1	.0001	.0000	.0001	.0001	.0001	.0004	.0001	-.0002	-.0003
#2	.0001	.0000	-.0002	.0001	-.0003	.0003	.0001	-.0006	-.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0000	.0008	.0012	.0001	.0006	.0004	.0022	-.0079
Stddev	.0002	.0000	.0000	.0001	.0004	.0006	.0003	.0000	.0019
%RSD	75.64	107.9	3.618	8.145	340.5	105.1	74.86	1.842	24.11
#1	.0003	.0000	.0008	.0012	-.0002	.0010	.0002	.0022	-.0093
#2	.0001	.0001	.0007	.0011	.0004	.0001	.0007	.0022	-.0066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	-.0017	.0138	-.0079	.0014	.0015	.0005	.0037	.0003
Stddev	.0000	.0073	.0047	.0006	.0004	.0003	.0014	.0007	.0003
%RSD	1.427	430.6	34.11	7.696	28.03	16.77	284.2	20.15	74.14
#1	.0022	.0035	.0171	-.0084	.0017	.0017	-.0005	.0042	.0005
#2	.0021	-.0068	.0105	-.0075	.0011	.0013	.0015	.0032	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 18:57:57 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0003	.0114	.0009
Stddev	.0000	.0002	.0015	.0000
%RSD	487.1	68.03	13.26	3.490
#1	.0000	.0002	.0124	.0009
#2	.0000	.0004	.0103	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83972.	39352.	1803.7	5596.7
Stddev	30.	29.	4.8	9.1
%RSD	.03551	.07313	.26826	.16190
#1	83951.	39332.	1800.3	5590.3
#2	83993.	39372.	1807.1	5603.1

Zoom In Zoom Out

Sample Name: JA61962-6 Acquired: 12/1/2010 19:04:02 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2154	.0002	.0001	-.0002	-.0004	.0212	6.082	.0038	.0001
Stddev	.0013	.0000	.0000	.0001	.0001	.0000	.004	.0000	.0002
%RSD	.5872	2.476	33.99	57.60	28.52	.1723	.0649	.0312	126.3
#1	.2145	.0002	.0001	-.0001	-.0003	.0212	6.084	.0038	.0000
#2	.2163	.0002	.0001	-.0003	-.0004	.0213	6.079	.0038	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0017	.0810	.0000	-.0002	.0089	-.0011	-.0008	.0845	74.17
Stddev	.0003	.0002	.0001	.0009	.0001	.0006	.0002	.0047	.07
%RSD	20.14	.2227	8546.	452.5	1.613	49.85	20.68	5.560	.0901
#1	.0019	.0812	.0000	.0005	.0088	-.0007	-.0010	.0879	74.13
#2	.0014	.0809	.0000	-.0009	.0090	-.0015	-.0007	.0812	74.22

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	7.592	14.31	4.692	111.2	.9349	.0005	-.0003	14.37	-.0052
Stddev	.018	.09	.049	.5	.0026	.0000	.0006	.02	.0000
%RSD	.2387	.6138	1.040	.4460	.2737	2.700	198.6	.1123	.3918
#1	7.579	14.25	4.657	110.8	.9368	.0005	.0001	14.38	-.0052
#2	7.605	14.37	4.726	111.5	.9331	.0006	-.0007	14.35	-.0052

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2878	-.0088	.0294	.0027
Stddev	.0014	.0000	.0003	.0002
%RSD	.4938	.5001	1.131	6.619
#1	.2868	-.0088	.0296	.0029
#2	.2889	-.0087	.0292	.0026

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80954.	38155.	1675.2	5183.7
Stddev	252.	81.	1.3	5.6
%RSD	.31177	.21171	.07536	.10729
#1	81133.	38212.	1676.1	5187.7
#2	80776.	38098.	1674.3	5179.8

Zoom In Zoom Out

Sample Name: JA61964-1F Acquired: 12/1/2010 19:10:11 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0337	.0000	-.0001	-.0002	.0003	.0004	.0005	.0008	.0000
Stddev	.0002	.000	.0001	.0002	.0000	.0002	.0000	.0002	.0002
%RSD	.5844	.0744	118.8	112.9	7.224	50.50	6.448	19.90	1584.
#1	.0335	.0000	-.0001	.0000	.0003	.0005	.0005	.0007	-.0001
#2	.0338	.0000	.0000	-.0003	.0003	.0002	.0006	.0009	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0081	-.0007	-.0018	.0005	.0004	-.0003	-.0106	80.24
Stddev	.0001	.0002	.0003	.0004	.0007	.0004	.0008	.0036	.31
%RSD	48.65	2.328	39.95	24.57	128.5	97.80	274.4	33.88	.3908
#1	.0002	.0080	-.0005	-.0015	.0000	.0001	.0003	-.0131	80.02
#2	.0001	.0082	-.0010	-.0021	.0010	.0007	-.0008	-.0080	80.47

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0206	3.799	.9535	7.052	.0126	.0004	.0002	5.887	-.0024
Stddev	.0001	.027	.0041	.040	.0001	.0000	.0008	.024	.0002
%RSD	.3683	.7112	.4326	.5715	.5700	2.008	475.7	.4014	8.742
#1	.0207	3.780	.9564	7.024	.0126	.0004	.0007	5.870	-.0023
#2	.0206	3.819	.9506	7.081	.0125	.0004	-.0004	5.903	-.0026

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1093	-.0052	.0172	.0008
Stddev	.0007	.0003	.0010	.0001
%RSD	.6217	5.362	5.556	17.84
#1	.1088	-.0054	.0165	.0009
#2	.1097	-.0050	.0178	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82548.	38587.	1707.6	5351.0
Stddev	1813.	21.	7.8	25.0
%RSD	2.1959	.05352	.45622	.46772
#1	81267.	38601.	1713.1	5368.7
#2	83830.	38572.	1702.1	5333.3

Zoom In Zoom Out

Sample Name: JA61964-2F Acquired: 12/1/2010 19:16:08 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0080	.0001	.0001	.0001	-.0005	.0020	2.935	.0005	-.0001
Stddev	.0001	.0000	.0001	.0002	.0002	.0002	.002	.0001	.0000
%RSD	.7634	28.63	128.9	256.8	43.33	9.551	.0671	22.35	53.14
#1	.0081	.0001	.0000	.0002	-.0003	.0018	2.933	.0004	-.0001
#2	.0080	.0001	.0001	-.0001	-.0006	.0021	2.936	.0006	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	.0005	.0018	-.0018	.0005	.0000	.0005	-.0069	80.69
Stddev	.0001	.0000	.0007	.0004	.0002	.002	.0005	.0011	1.38
%RSD	12.54	10.18	37.81	22.00	44.80	4907.	100.6	16.41	1.715
#1	.0006	.0004	.0014	-.0021	.0004	-.0013	.0008	-.0061	81.67
#2	.0005	.0005	.0023	-.0015	.0007	.0012	.0001	-.0077	79.72

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0340	3.461	1.619	10.89	.0137	.0002	-.0004	4.353	-.0032
Stddev	.0008	.076	.018	.17	.0003	.0001	.0002	.011	.0005
%RSD	2.428	2.204	1.139	1.518	2.418	36.81	38.63	.2430	14.91
#1	.0345	3.515	1.632	11.01	.0139	.0001	-.0005	4.361	-.0035
#2	.0334	3.407	1.606	10.77	.0134	.0002	-.0003	4.346	-.0028

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2060	-.0040	.0044	.0004
Stddev	.0033	.0002	.0000	.0001
%RSD	1.586	6.125	.7374	31.58
#1	.2083	-.0042	.0044	.0004
#2	.2037	-.0038	.0044	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80764.	38103.	1704.0	5337.7
Stddev	39.	633.	7.5	5.9
%RSD	.04768	1.6624	.44236	.11055
#1	80737.	37655.	1698.6	5333.6
#2	80791.	38551.	1709.3	5341.9

Zoom In Zoom Out

Sample Name: JA61964-3F Acquired: 12/1/2010 19:22:05 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0800	.0000	.0001	-.0001	.0004	.0016	.6000	.0022	-.0001
Stddev	.0011	.000	.0001	.0000	.0002	.0001	.0072	.0001	.0003
%RSD	1.407	196.7	96.87	19.24	56.89	5.258	1.194	6.809	341.2
#1	.0792	.0000	.0000	-.0001	.0006	.0017	.6051	.0023	.0001
#2	.0808	.0000	.0001	-.0001	.0003	.0015	.5949	.0021	-.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	.0020	.0026	-.0019	.0009	-.0013	.0003	-.0183	116.9
Stddev	.0000	.0001	.0003	.0003	.0001	.0008	.0005	.0064	1.7
%RSD	.7092	4.032	9.936	15.14	12.17	60.40	137.0	35.12	1.495
#1	.0005	.0020	.0028	-.0017	.0008	-.0019	.0007	-.0137	118.2
#2	.0005	.0019	.0024	-.0021	.0009	-.0007	.0000	-.0228	115.7

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0258	11.76	1.553	80.58	.0141	.0001	-.0005	7.507	-.0030
Stddev	.0003	.11	.023	1.37	.0004	.0001	.0004	.016	.0000
%RSD	1.188	.9684	1.503	1.699	3.138	49.89	77.44	.2142	1.292
#1	.0256	11.68	1.536	81.55	.0144	.0001	-.0002	7.519	-.0030
#2	.0261	11.85	1.569	79.61	.0138	.0002	-.0008	7.496	-.0031

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2520	-.0066	.0059	.0004
Stddev	.0030	.0000	.0000	.0000
%RSD	1.184	.0396	.3593	4.269
#1	.2499	-.0066	.0059	.0004
#2	.2542	-.0066	.0059	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79209.	37401.	1678.8	5201.5
Stddev	608.	104.	2.9	.1
%RSD	.76734	.27860	.17059	.00209
#1	78779.	37475.	1676.8	5201.4
#2	79639.	37328.	1680.9	5201.6

Zoom In Zoom Out

Sample Name: JA61964-4F Acquired: 12/1/2010 19:28:10 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0253	-.0001	-.0002	-.0003	.0009	.0002	.0004	.0001	-.0005
Stddev	.0002	.0000	.0001	.0000	.0002	.0003	.0001	.0002	.0001
%RSD	.9490	11.12	62.60	6.155	26.56	155.0	14.73	304.6	28.03
#1	.0251	-.0001	-.0001	-.0003	.0011	.0004	.0003	-.0001	-.0006
#2	.0254	-.0001	-.0002	-.0003	.0007	.0000	.0004	.0002	-.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0005	-.0006	-.0023	.0002	.0009	-.0003	-.0073	66.93
Stddev	.0000	.0001	.0003	.0008	.0002	.0004	.0003	.0029	.69
%RSD	16.12	13.55	58.87	33.10	114.7	43.24	97.11	39.28	1.032
#1	.0001	.0004	-.0008	-.0018	.0000	.0006	-.0001	-.0053	66.44
#2	.0001	.0005	-.0003	-.0028	.0004	.0011	-.0005	-.0094	67.42

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1292	3.389	.8034	5.297	.0101	.0001	-.0014	5.918	-.0020
Stddev	.0006	.018	.0068	.023	.0001	.0001	.0001	.030	.0004
%RSD	.4990	.5218	.8511	.4419	.5924	110.4	5.941	.5064	22.00
#1	.1287	3.377	.7986	5.281	.0101	.0000	-.0014	5.897	-.0023
#2	.1296	3.402	.8083	5.314	.0102	.0002	-.0013	5.940	-.0017

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0893	-.0059	.0024	.0002
Stddev	.0007	.0001	.0000	.0001
%RSD	.8098	.9575	1.196	31.18
#1	.0888	-.0060	.0024	.0003
#2	.0898	-.0059	.0024	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81761.	38610.	1719.2	5375.1
Stddev	211.	136.	6.7	19.5
%RSD	.25856	.35336	.39205	.36368
#1	81611.	38707.	1724.0	5388.9
#2	81910.	38514.	1714.4	5361.2

Zoom In Zoom Out

Sample Name: JA61964-5F Acquired: 12/1/2010 19:34:07 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0574	.0001	.0001	.0002	.0002	.0032	4.205	.0013	.0002
Stddev	.0012	.0000	.0002	.0002	.0003	.0000	.022	.0002	.0002
%RSD	2.036	10.39	373.0	80.97	163.0	.0173	.5239	17.36	114.9
#1	.0583	.0001	.0002	.0003	.0004	.0031	4.189	.0011	.0000
#2	.0566	.0001	-.0001	.0001	.0000	.0032	4.220	.0014	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0008	.0023	.0041	-.0024	-.0003	-.0010	-.0001	-.0119	89.52
Stddev	.0002	.0002	.0003	.0008	.0011	.0005	.0000	.0011	1.88
%RSD	20.59	7.139	6.571	32.79	392.1	51.79	7.747	9.146	2.104
#1	.0010	.0022	.0039	-.0019	-.0011	-.0014	-.0001	-.0112	90.85
#2	.0007	.0024	.0043	-.0030	.0005	-.0007	-.0001	-.0127	88.19

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0204	6.975	1.956	42.70	.0125	.0006	-.0009	7.142	-.0045
Stddev	.0009	.133	.035	.79	.0001	.0000	.0003	.044	.0002
%RSD	4.471	1.907	1.802	1.849	.9184	4.348	31.71	.6120	4.807
#1	.0210	7.069	1.981	43.26	.0125	.0006	-.0012	7.112	-.0044
#2	.0198	6.881	1.931	42.15	.0126	.0006	-.0007	7.173	-.0047

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1859	-.0067	.0074	.0001
Stddev	.0035	.0004	.0001	.0001
%RSD	1.901	5.818	.7665	52.53
#1	.1884	-.0070	.0074	.0002
#2	.1834	-.0064	.0074	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81337.	37536.	1712.3	5315.4
Stddev	19.	759.	12.9	22.7
%RSD	.02317	2.0217	.75178	.42674
#1	81350.	36999.	1721.4	5331.4
#2	81324.	38072.	1703.2	5299.3

Zoom In Zoom Out

Sample Name: JA61964-6F Acquired: 12/1/2010 19:40:05 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0785	.0000	.0001	.0001	.0003	.0003	2.768	.0003	-.0001
Stddev	.0016	.0000	.0000	.0000	.0004	.0000	.009	.0000	.0001
%RSD	2.098	2.741	41.90	3.721	117.9	1.157	.3383	1.072	69.24
#1	.0796	.0000	.0001	.0001	.0006	.0003	2.774	.0003	-.0001
#2	.0773	.0000	.0001	.0001	.0001	.0003	2.761	.0003	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	-.0001	-.0010	-.0013	-.0004	-.0010	.0001	-.0011	116.5
Stddev	.0002	.0001	.0003	.0002	.0003	.0007	.0001	.0013	3.0
%RSD	102.2	73.12	35.27	18.21	73.13	69.85	112.1	122.3	2.585
#1	.0001	-.0001	-.0007	-.0011	-.0006	-.0014	.0000	-.0020	118.6
#2	.0003	-.0002	-.0012	-.0014	-.0002	-.0005	.0001	-.0001	114.4

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0149	7.928	1.116	13.17	.0120	.0002	-.0011	5.855	-.0029
Stddev	.0002	.173	.015	.26	.0001	.0000	.0001	.062	.0013
%RSD	1.076	2.178	1.338	1.997	1.123	10.56	8.126	1.053	45.04
#1	.0148	8.050	1.127	13.36	.0119	.0001	-.0010	5.812	-.0038
#2	.0150	7.806	1.106	12.99	.0121	.0002	-.0012	5.899	-.0020

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1972	-.0055	.0060	.0001
Stddev	.0038	.0001	.0005	.0000
%RSD	1.901	1.397	8.290	31.36
#1	.1999	-.0055	.0056	.0001
#2	.1946	-.0054	.0063	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80261.	37583.	1722.3	5357.2
Stddev	234.	898.	17.5	47.7
%RSD	.29129	2.3890	1.0150	.89080
#1	80095.	36948.	1734.7	5390.9
#2	80426.	38218.	1710.0	5323.5

Zoom In Zoom Out

Sample Name: JA61964-7F Acquired: 12/1/2010 19:46:03 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1206	.0001	.0005	-.0001	-.0002	.0006	4.285	.0060	.0000
Stddev	.0004	.0000	.0001	.0001	.0000	.0002	.020	.0000	.0002
%RSD	.3587	20.84	14.79	98.95	25.96	31.21	.4605	.4970	1224.
#1	.1203	.0001	.0004	-.0002	-.0002	.0005	4.271	.0060	-.0001
#2	.1209	.0001	.0005	.0000	-.0001	.0007	4.299	.0060	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	.0002	-.0008	-.0008	.0000	-.0012	-.0006	-.0225	170.8
Stddev	.0000	.0001	.0001	.0002	.000	.0003	.0001	.0006	2.1
%RSD	8.938	54.21	16.69	25.75	773.8	22.69	21.13	2.576	1.244
#1	.0004	.0001	-.0008	-.0009	-.0003	-.0010	-.0005	-.0229	169.3
#2	.0005	.0002	-.0007	-.0006	.0002	-.0014	-.0007	-.0221	172.3

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0157	10.28	2.226	133.6	.0112	-.0006	-.0022	8.045	-.0049
Stddev	.0000	.09	.016	1.5	.0005	.0000	.0006	.079	.0007
%RSD	.3041	.8902	.7060	1.116	4.415	8.403	28.39	.9818	14.64
#1	.0158	10.21	2.215	132.5	.0108	-.0006	-.0027	7.989	-.0044
#2	.0157	10.34	2.238	134.6	.0115	-.0005	-.0018	8.101	-.0054

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1901	-.0067	.0116	.0001
Stddev	.0007	.0003	.0002	.0000
%RSD	.3751	5.158	1.768	14.50
#1	.1896	-.0070	.0114	.0001
#2	.1906	-.0065	.0117	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80110.	37700.	1670.2	5091.2
Stddev	11.	119.	16.5	38.0
%RSD	.01374	.31591	.98571	.74554
#1	80118.	37785.	1681.8	5118.0
#2	80102.	37616.	1658.6	5064.3

Zoom In Zoom Out

Sample Name: JA61964-8F Acquired: 12/1/2010 19:52:12 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0894	.0000	-.0002	-.0002	.0002	.0006	.0021	.0002	-.0001
Stddev	.0003	.000	.0002	.0001	.0002	.0001	.0000	.0000	.0004
%RSD	.3753	19.70	132.1	44.84	100.4	17.92	.6011	22.78	253.3
#1	.0892	.0000	-.0003	-.0002	.0003	.0005	.0021	.0003	-.0004
#2	.0897	.0000	.0000	-.0003	.0000	.0007	.0021	.0002	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	.0009	-.0010	-.0016	.0003	-.0009	-.0001	-.0039	91.62
Stddev	.0002	.0002	.0004	.0008	.0000	.0009	.0004	.0022	.02
%RSD	48.23	16.95	39.59	45.98	7.372	108.0	300.5	56.19	.0214
#1	.0006	.0008	-.0007	-.0022	.0003	-.0002	.0002	-.0023	91.63
#2	.0003	.0010	-.0012	-.0011	.0003	-.0015	-.0004	-.0054	91.60

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0114	5.695	1.558	20.55	.0106	.0000	-.0002	4.950	-.0022
Stddev	.0003	.006	.012	.17	.0008	.0001	.0000	.039	.0001
%RSD	3.063	.1013	.7392	.8297	7.230	203.7	16.30	.7916	2.458
#1	.0116	5.699	1.550	20.43	.0111	.0000	-.0002	4.923	-.0023
#2	.0111	5.691	1.566	20.67	.0100	.0001	-.0002	4.978	-.0022

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1221	-.0046	.0018	.0001
Stddev	.0007	.0004	.0000	.0001
%RSD	.5950	8.791	1.677	189.3
#1	.1216	-.0043	.0018	.0002
#2	.1226	-.0048	.0018	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81108.	38229.	1729.5	5364.9
Stddev	40.	30.	14.5	36.0
%RSD	.04909	.07860	.83931	.67066
#1	81080.	38250.	1739.7	5390.4
#2	81137.	38207.	1719.2	5339.5

Zoom In Zoom Out

Sample Name: JA61964-9F Acquired: 12/1/2010 19:58:12 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0449	.0005	.0007	.0026	-.0017	.0016	15.37	.0070	.0006
Stddev	.0005	.0000	.0000	.0001	.0003	.0000	.02	.0003	.0001
%RSD	1.127	.1747	.0021	5.842	15.74	.3021	.1339	3.782	10.74
#1	.0445	.0005	.0007	.0024	-.0019	.0016	15.35	.0069	.0005
#2	.0452	.0005	.0007	.0027	-.0016	.0016	15.38	.0072	.0006

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	-.0004	.0013	.0022	.0003	-.0021	-.0002	.2252	226.1
Stddev	.0002	.0002	.0007	.0002	.0002	.0016	.0005	.0064	2.1
%RSD	117.2	46.89	54.80	7.327	49.49	78.30	254.5	2.853	.9163
#1	.0003	-.0005	.0018	.0021	.0002	-.0009	.0001	.2207	224.7
#2	.0000	-.0003	.0008	.0023	.0005	-.0032	-.0005	.2298	227.6

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0271	15.15	2.012	158.2	.0126	.0000	-.0046	7.656	-.0103
Stddev	.0005	.20	.031	4.5	.0005	.000	.0003	.024	.0005
%RSD	1.959	1.305	1.527	2.832	3.970	177.0	6.807	.3164	4.934
#1	.0267	15.01	1.990	155.0	.0122	.0000	-.0044	7.673	-.0106
#2	.0274	15.29	2.033	161.3	.0129	-.0001	-.0049	7.639	-.0099

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2065	-.0063	.0599	.0004
Stddev	.0022	.0002	.0006	.0002
%RSD	1.069	2.479	.9607	53.78
#1	.2050	-.0062	.0595	.0002
#2	.2081	-.0064	.0603	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78613.	37376.	1658.7	5036.6
Stddev	802.	302.	5.7	10.2
%RSD	1.0208	.80824	.34328	.20326
#1	79181.	37590.	1654.7	5029.3
#2	78046.	37162.	1662.8	5043.8

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 20:04:29 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.053	2.086	2.028	2.050	2.083	1.986	2.079	2.000	.2577
Stddev	.009	.010	.002	.004	.001	.002	.002	.005	.0002
%RSD	.4319	.4740	.0828	.1684	.0510	.0777	.0729	.2441	.0659
#1	2.047	2.079	2.027	2.048	2.084	1.987	2.080	1.997	.2579
#2	2.059	2.093	2.029	2.053	2.082	1.985	2.078	2.004	.2576
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.046	2.053	2.013	2.055	1.978	2.004	2.023	39.98	40.60
Stddev	.002	.006	.001	.006	.004	.004	.002	.16	.10
%RSD	.0771	.3058	.0464	.2743	.1860	.1911	.0812	.4084	.2365
#1	2.045	2.049	2.012	2.051	1.976	2.001	2.024	39.86	40.53
#2	2.047	2.058	2.014	2.059	1.981	2.006	2.022	40.09	40.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.46	40.10	40.69	40.49	1.913	2.040	2.011	4.991	2.040
Stddev	.19	.18	.18	.19	.001	.005	.000	.001	.006
%RSD	.4497	.4381	.4403	.4789	.0623	.2402	.0111	.0184	.3019
#1	41.33	39.98	40.57	40.35	1.913	2.037	2.011	4.990	2.035
#2	41.59	40.22	40.82	40.63	1.912	2.044	2.011	4.991	2.044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 20:04:29 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.066	2.041	2.076	2.061
Stddev	.028	.002	.007	.003
%RSD	1.336	.0727	.3584	.1346
#1	2.086	2.042	2.070	2.059
#2	2.047	2.039	2.081	2.063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81772.	38646.	1770.7	5290.7
Stddev	267.	56.	1.9	1.0
%RSD	.32633	.14459	.10614	.01978
#1	81583.	38606.	1769.4	5291.4
#2	81960.	38685.	1772.1	5289.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 20:10:21 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	-.0001	-.0001	-.0001	.0002	.0000	-.0002	.0000
Stddev	.0001	.0000	.0000	.0001	.0006	.0003	.0000	.0001	.0003
%RSD	520.5	21.68	19.53	149.4	884.4	113.8	12.24	75.68	1897.
#1	.0001	.0000	-.0001	-.0001	-.0005	.0004	.0000	-.0003	-.0002
#2	.0000	.0000	-.0001	.0000	.0003	.0000	.0000	-.0001	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0000	.0004	.0009	.0000	.0001	.0001	.0013	-.0091
Stddev	.0001	.0000	.0002	.0006	.001	.0002	.0002	.0006	.0017
%RSD	115.6	258.7	46.30	68.70	2183.	158.4	222.9	50.80	18.29
#1	.0000	.0000	.0003	.0013	-.0005	.0003	.0002	.0017	-.0079
#2	-.0002	.0000	.0006	.0005	.0004	.0000	-.0001	.0008	-.0103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	-.0001	.0212	-.0091	.0003	.0012	.0001	.0032	.0004
Stddev	.0010	.0082	.0073	.0011	.0001	.0003	.0009	.0002	.0001
%RSD	39.38	12430.	34.39	11.53	16.45	23.61	666.6	6.883	36.49
#1	.0033	-.0058	.0160	-.0099	.0004	.0014	-.0005	.0030	.0004
#2	.0018	.0057	.0263	-.0084	.0003	.0010	.0008	.0034	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 20:10:21 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0007	-.0019	.0006
Stddev	.0000	.0006	.0011	.0001
%RSD	67.82	76.05	56.25	9.188
#1	.0000	.0011	-.0012	.0006
#2	.0000	.0003	-.0027	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84324.	38982.	1850.1	5676.3
Stddev	94.	589.	8.4	26.1
%RSD	.11201	1.5110	.45254	.45989
#1	84391.	38566.	1844.2	5657.8
#2	84257.	39399.	1856.0	5694.7

Zoom In Zoom Out

Sample Name: JA61964-10F Acquired: 12/1/2010 20:16:25 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1565	.0001	.0000	.0005	-.0001	.0011	8.452	.0014	.0005
Stddev	.0035	.0002	.000	.0001	.0007	.0007	.361	.0000	.0001
%RSD	2.229	199.6	1892.	14.95	612.1	60.33	4.275	2.470	18.75
#1	.1540	.0000	-.0002	.0004	.0004	.0016	8.707	.0013	.0005
#2	.1590	.0003	.0001	.0006	-.0006	.0007	8.196	.0014	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0013	.0011	.0005	.0035	.0007	.0018	-.0005	.0081	120.5
Stddev	.0022	.0016	.0003	.0064	.0001	.0022	.0008	.0190	1.0
%RSD	171.4	146.6	69.55	180.4	10.04	119.3	142.9	234.4	.8697
#1	-.0028	.0023	.0007	.0080	.0007	.0033	.0000	.0215	119.8
#2	.0003	.0000	.0002	-.0010	.0006	.0003	-.0011	-.0053	121.3

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0312	8.493	1.041	17.86	.0110	.0003	-.0018	4.425	-.0032
Stddev	.0031	.222	.054	.36	.0003	.0002	.0005	.008	.0040
%RSD	9.855	2.610	5.206	1.994	2.630	57.27	28.18	.1781	124.0
#1	.0291	8.336	1.002	17.61	.0112	.0005	-.0015	4.420	-.0004
#2	.0334	8.649	1.079	18.11	.0108	.0002	-.0022	4.431	-.0060

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1583	-.0015	.0043	.0016
Stddev	.0019	.0029	.0104	.0001
%RSD	1.212	196.9	244.6	8.149
#1	.1569	.0006	-.0031	.0016
#2	.1596	-.0036	.0116	.0015

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79930.	*****	1718.2	5326.1
Stddev	3153.	-----	2.3	5.5
%RSD	3.9451	-----	.13339	.10256
#1	77701.	-----	1719.8	5329.9
#2	82160.	37345.	1716.6	5322.2

Zoom In Zoom Out

Sample Name: JA61964-11F Acquired: 12/1/2010 20:22:35 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0589	.0000	.0000	-.0003	.0002	.0007	.0001	.0005	.0000
Stddev	.0001	.000	.000	.0002	.0001	.0001	.0000	.0002	.000
%RSD	.1918	3.035	9.781	53.62	91.56	10.45	18.78	48.50	288.2
#1	.0589	.0000	.0000	-.0002	.0001	.0007	.0001	.0006	-.0001
#2	.0588	.0000	.0000	-.0004	.0003	.0008	.0001	.0003	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0003	.0005	-.0011	-.0023	.0001	.0005	.0001	-.0069	101.9
Stddev	.0002	.0002	.0000	.0004	.0011	.0007	.0005	.0035	1.0
%RSD	78.57	36.70	3.119	16.74	1240.	151.3	931.1	50.47	.9587
#1	.0004	.0006	-.0011	-.0020	-.0007	.0009	.0004	-.0093	101.2
#2	.0001	.0004	-.0011	-.0026	.0009	.0000	-.0003	-.0044	102.6

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0126	5.414	.9477	7.665	.0108	.0001	-.0004	6.336	-.0027
Stddev	.0011	.018	.0012	.007	.0004	.0001	.0006	.025	.0004
%RSD	9.020	.3398	.1235	.0859	3.949	189.5	159.1	.4019	13.67
#1	.0134	5.401	.9468	7.670	.0111	.0002	.0000	6.354	-.0024
#2	.0118	5.427	.9485	7.660	.0105	.0000	-.0008	6.318	-.0030

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1373	-.0056	.0033	.0004
Stddev	.0001	.0000	.0002	.0001
%RSD	.0407	.4092	6.745	18.79
#1	.1374	-.0056	.0031	.0005
#2	.1373	-.0056	.0034	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81026.	38583.	1719.8	5364.9
Stddev	224.	70.	6.8	22.4
%RSD	.27640	.18228	.39309	.41692
#1	81184.	38534.	1715.1	5349.1
#2	80867.	38633.	1724.6	5380.7

Zoom In Zoom Out

Sample Name: JA61964-12F Acquired: 12/1/2010 20:28:35 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0802	.0000	-.0001	-.0003	-.0005	.0001	2.889	.0002	.0000
Stddev	.0003	.0000	.0001	.0000	.0002	.0001	.128	.0002	.000
%RSD	.3312	53.24	81.33	3.350	50.27	116.0	4.424	144.3	1140.
#1	.0801	.0000	.0000	-.0003	-.0003	.0000	2.799	.0003	.0000
#2	.0804	.0001	-.0001	-.0003	-.0007	.0002	2.979	.0000	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	.0000	.0019	-.0020	.0005	-.0002	.0000	-.0009	71.84
Stddev	.0002	.0000	.0004	.0005	.0002	.0004	.000	.0014	.82
%RSD	33.97	37.56	19.66	23.60	41.50	173.8	135.8	158.1	1.147
#1	.0004	.0000	.0017	-.0017	.0004	.0001	-.0001	.0001	72.42
#2	.0006	.0000	.0022	-.0023	.0007	-.0005	.0000	-.0019	71.25

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0170	4.202	.6412	5.718	.0095	.0005	-.0011	5.394	-.0030
Stddev	.0002	.048	.0026	.042	.0000	.0000	.0000	.018	.0004
%RSD	1.332	1.136	.4082	.7330	.2473	2.434	1.182	.3258	12.32
#1	.0169	4.235	.6394	5.689	.0095	.0005	-.0011	5.381	-.0032
#2	.0172	4.168	.6431	5.748	.0095	.0005	-.0010	5.406	-.0027

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1060	-.0049	.0036	.0003
Stddev	.0001	.0005	.0004	.0002
%RSD	.0669	10.94	11.40	65.95
#1	.1059	-.0046	.0033	.0002
#2	.1060	-.0053	.0039	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81797.	38685.	1744.5	5432.1
Stddev	2887.	305.	5.5	15.7
%RSD	3.5293	.78756	.31759	.28956
#1	83839.	38470.	1748.4	5443.2
#2	79756.	38900.	1740.6	5421.0

Zoom In Zoom Out

Sample Name: JA61964-13F Acquired: 12/1/2010 20:34:32 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0441	.0004	.0006	.0025	-.0014	.0007	15.19	.0065	.0006
Stddev	.0007	.0000	.0001	.0001	.0000	.0000	.23	.0003	.0002
%RSD	1.656	.8507	15.06	2.639	1.302	6.667	1.514	4.420	29.14
#1	.0435	.0004	.0005	.0025	-.0014	.0007	15.03	.0063	.0005
#2	.0446	.0004	.0007	.0026	-.0014	.0007	15.35	.0067	.0007

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	-.0040	.0003	.0018	.0005	-.0016	-.0006	-.0351	227.4
Stddev	.000	.0000	.0007	.0013	.0010	.0011	.0003	.0080	6.9
%RSD	6598.	.9188	223.0	73.96	208.9	66.93	40.90	22.75	3.024
#1	.0001	-.0040	-.0002	.0027	.0012	-.0008	-.0004	-.0408	222.5
#2	-.0001	-.0039	.0008	.0009	-.0002	-.0023	-.0008	-.0295	232.3

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0247	15.21	1.992	160.1	.0127	-.0004	-.0056	7.680	-.0096
Stddev	.0015	.28	.022	.3	.0007	.0000	.0008	.014	.0006
%RSD	6.120	1.829	1.119	.1674	5.150	.1456	14.19	.1800	6.620
#1	.0236	15.01	1.977	160.3	.0132	-.0004	-.0061	7.670	-.0092
#2	.0257	15.41	2.008	159.9	.0123	-.0004	-.0050	7.690	-.0101

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2055	-.0067	.0224	.0004
Stddev	.0038	.0003	.0007	.0001
%RSD	1.847	4.732	3.130	24.70
#1	.2028	-.0064	.0219	.0004
#2	.2082	-.0069	.0229	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79185.	37488.	1663.8	5046.1
Stddev	422.	482.	1.5	4.3
%RSD	.53295	1.2849	.08940	.08563
#1	79483.	37829.	1664.9	5049.2
#2	78887.	37148.	1662.8	5043.0

Zoom In Zoom Out

Sample Name: JA61964-14F Acquired: 12/1/2010 20:40:46 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0001	-.0001	.0003	.0007	.0002	-.0003	-.0003
Stddev	.0001	.000	.0001	.0001	.0000	.0006	.0000	.0002	.0003
%RSD	55.71	38.94	103.0	122.1	7.757	81.93	11.29	67.39	90.17
#1	.0001	.0000	.0000	-.0002	.0003	.0003	.0002	-.0005	-.0001
#2	.0001	.0000	.0002	.0000	.0004	.0011	.0002	-.0002	-.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0037	-.0001	-.0009	-.0003	.0008	.0002	.0005	.0706
Stddev	.0001	.0001	.0002	.0008	.0000	.0001	.0005	.0045	.0010
%RSD	74.79	2.399	168.2	86.06	5.480	12.23	360.4	899.3	1.358
#1	.0002	.0037	-.0003	-.0004	-.0003	.0008	-.0002	.0037	.0712
#2	.0001	.0036	.0000	-.0014	-.0003	.0009	.0005	-.0027	.0699

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0070	.0030	.0172	.0359	.0156	-.0001	-.0002	.0111	-.0001
Stddev	.0009	.0063	.0055	.0035	.0003	.0000	.0002	.0007	.0001
%RSD	12.81	206.6	31.88	9.824	2.183	1.715	122.9	6.540	51.32
#1	.0076	.0075	.0211	.0384	.0153	-.0001	.0000	.0106	-.0002
#2	.0063	-.0014	.0133	.0334	.0158	-.0001	-.0003	.0116	-.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	.0002	-.0075	-.0001
Stddev	.0000	.0001	.0007	.0001
%RSD	1.072	71.36	9.780	112.0
#1	.0001	.0001	-.0070	.0000
#2	.0001	.0003	-.0080	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	85326.	39172.	1788.3	5563.5
Stddev	1481.	568.	14.9	47.0
%RSD	1.7353	1.4489	.83536	.84444
#1	86373.	38771.	1798.9	5596.7
#2	84279.	39573.	1777.7	5530.3

Zoom In Zoom Out

Sample Name: CRIB Acquired: 12/1/2010 20:46:47 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052	.0021	.0028	.0507	.0100	.0092	.0160	.0103	.0050
Stddev	.0048	.0001	.0000	.0000	.0003	.0003	.0002	.0001	.0002
%RSD	2.325	4.158	.4720	.0692	3.341	3.524	1.516	.6155	3.986
#1	.2018	.0020	.0028	.0506	.0103	.0089	.0159	.0103	.0049
#2	.2086	.0021	.0028	.0507	.0098	.0094	.0162	.0102	.0052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492	.0220	.0081	.0121	.0033	.0089	.0055	.1954	5.133
Stddev	.0008	.0002	.0000	.0012	.0008	.0001	.0008	.0023	.127
%RSD	1.545	.9919	.5298	10.27	25.59	1.395	14.34	1.166	2.466
#1	.0487	.0221	.0081	.0130	.0027	.0089	.0050	.1938	5.043
#2	.0497	.0218	.0082	.0112	.0038	.0088	.0061	.1970	5.222
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254	5.002	10.17	10.17	.0938	.0201	.0485	.1940	.0097
Stddev	.0019	.117	.15	.16	.0011	.0002	.0015	.0001	.0000
%RSD	1.522	2.336	1.471	1.601	1.151	.7751	3.100	.0460	.0926
#1	.1240	4.919	10.06	10.05	.0945	.0200	.0474	.1941	.0097
#2	.1267	5.085	10.27	10.29	.0930	.0202	.0495	.1940	.0097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CRIB Acquired: 12/1/2010 20:46:47 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0113	.0099	.0452	F .0009
Stddev	.0002	.0003	.0003	.0000
%RSD	2.205	3.351	.7304	4.015
#1	.0111	.0096	.0450	.0010
#2	.0114	.0101	.0455	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				.2000
Range				-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84461.	38630.	1832.5	5602.6
Stddev	1190.	625.	.0	4.6
%RSD	1.4095	1.6192	.00105	.08125
#1	85303.	39072.	1832.6	5599.4
#2	83619.	38187.	1832.5	5605.9

Zoom In Zoom Out

Sample Name: mp-029-236-lcwconf Acquired: 12/1/2010 20:52:42 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5105	.5128	.4867	.5044	.5160	.4610	.5115	.4842	.1946
Stddev	.0031	.0022	.0006	.0005	.0003	.0003	.0003	.0013	.0001
%RSD	.6060	.4335	.1132	.0935	.0672	.0684	.0527	.2649	.0369
#1	.5083	.5112	.4864	.5047	.5162	.4608	.5117	.4833	.1946
#2	.5127	.5144	.4871	.5041	.5157	.4612	.5113	.4851	.1945

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4905	.5049	.4833	.4649	.4658	.4684	.4883	4.760	5.365
Stddev	.0008	.0016	.0006	.0001	.0016	.0003	.0024	.022	.008
%RSD	.1702	.3119	.1216	.0164	.3503	.0640	.5001	.4555	.1473
#1	.4899	.5038	.4838	.4648	.4646	.4686	.4900	4.744	5.360
#2	.4911	.5060	.4829	.4649	.4670	.4682	.4866	4.775	5.371

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.670	5.185	9.975	9.971	-.0149	.5045	.0024	.0675	-.0002
Stddev	.026	.044	.099	.078	.0011	.0000	.0004	.0000	.0000
%RSD	.4561	.8527	.9963	.7815	7.507	.0046	16.92	.0126	12.83
#1	5.652	5.154	9.905	9.916	-.0157	.5045	.0021	.0675	-.0002
#2	5.688	5.217	10.05	10.03	-.0141	.5045	.0027	.0675	-.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0004	.4979	.0077	.0032
Stddev	.0000	.0000	.0006	.0006
%RSD	4.094	.0099	8.111	17.39
#1	.0004	.4979	.0082	.0036
#2	.0004	.4979	.0073	.0028

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82705.	39088.	1802.8	5556.3
Stddev	154.	25.	7.7	7.1
%RSD	.18623	.06303	.42536	.12778
#1	82596.	39070.	1797.4	5551.3
#2	82814.	39105.	1808.3	5561.3

Zoom In Zoom Out

Sample Name: MP55804-MB1CONF Acquired: 12/1/2010 20:58:31 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0108	.0000	.0000	.0000	.0001	.0002	.0022	.0002	-.0002
Stddev	.0000	.000	.0001	.0001	.0000	.0002	.0001	.0001	.0001
%RSD	.3846	5.929	110.7	490.7	34.74	82.31	3.010	61.96	63.77
#1	.0108	.0000	.0000	.0000	.0001	.0001	.0021	.0001	-.0003
#2	.0107	.0000	.0001	.0001	.0001	.0004	.0022	.0003	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0002	.0003	-.0008	-.0022	-.0001	.0011	.0006	-.0029	.1733
Stddev	.0003	.0000	.0009	.0004	.0000	.0003	.0005	.0003	.0009
%RSD	178.2	12.95	113.2	17.68	58.02	23.30	82.40	8.564	.5375
#1	.0000	.0003	-.0002	-.0019	.0000	.0013	.0002	-.0031	.1740
#2	-.0004	.0004	-.0014	-.0024	-.0001	.0009	.0009	-.0027	.1726

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0083	.0524	.0598	.1172	-.0001	.0003	.0003	2.558	-.0004
Stddev	.0001	.0092	.0051	.0030	.0003	.0000	.0001	.005	.0002
%RSD	1.418	17.56	8.479	2.545	289.1	13.51	42.31	.2031	62.48
#1	.0084	.0589	.0563	.1151	.0001	.0003	.0004	2.555	-.0006
#2	.0082	.0459	.0634	.1194	-.0003	.0003	.0002	2.562	-.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0084	-.0023	-.0054	-.0002
Stddev	.0001	.0000	.0005	.0000
%RSD	.7184	1.619	10.03	14.47
#1	.0085	-.0023	-.0058	-.0001
#2	.0084	-.0023	-.0050	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83313.	39630.	1814.5	5625.2
Stddev	1636.	299.	8.4	18.4
%RSD	1.9637	.75471	.46027	.32758
#1	84470.	39418.	1820.4	5638.2
#2	82156.	39841.	1808.6	5612.2

Zoom In Zoom Out

Sample Name: MP55804-MB2CONF Acquired: 12/1/2010 21:04:32 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0076	.0000	.0000	.0001	-.0001	.0004	.0014	.0000	.0002
Stddev	.0001	.000	.0001	.0000	.0001	.0000	.0000	.000	.0000
%RSD	.7416	63.52	134.0	12.94	93.83	13.46	2.099	196.1	11.10
#1	.0076	.0000	.0000	.0001	.0000	.0003	.0014	-.0001	.0002
#2	.0076	.0000	.0001	.0001	-.0002	.0004	.0015	.0000	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	.0002	-.0007	-.0016	-.0012	.0007	.0001	.0021	.1181
Stddev	.0000	.0000	.0001	.0011	.0003	.0009	.0001	.0024	.0018
%RSD	41.89	27.81	12.84	69.21	22.18	126.4	44.76	111.7	1.541
#1	-.0001	.0002	-.0008	-.0008	-.0010	.0014	.0001	.0004	.1168
#2	-.0001	.0001	-.0007	-.0023	-.0013	.0001	.0002	.0038	.1194

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0063	.0394	.0221	.0301	.0000	-.0001	.0007	.4045	-.0004
Stddev	.0007	.0001	.0036	.0016	.000	.0002	.0006	.0014	.0000
%RSD	11.11	.2753	16.49	5.391	1109.	174.3	76.11	.3531	11.96
#1	.0058	.0393	.0247	.0289	-.0002	-.0003	.0003	.4055	-.0004
#2	.0068	.0395	.0195	.0312	.0002	.0000	.0011	.4035	-.0005

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0060	-.0002	-.0079	-.0002
Stddev	.0000	.0005	.0002	.0001
%RSD	.3174	292.2	2.343	36.97
#1	.0060	-.0005	-.0080	-.0002
#2	.0060	.0002	-.0078	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83374.	39487.	1807.2	5619.1
Stddev	243.	63.	2.3	5.4
%RSD	.29136	.15939	.12788	.09652
#1	83202.	39443.	1805.6	5622.9
#2	83546.	39532.	1808.8	5615.3

Zoom In Zoom Out

Sample Name: CRIB Acquired: 12/1/2010 21:10:34 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1992	.0020	.0027	.0507	.0101	.0094	.0159	.0102
Stddev	.0031	.0000	.0000	.0000	.0002	.0001	.0000	.0000
%RSD	1.579	.6802	1.169	.0070	2.228	1.297	.2726	.3987
#1	.1970	.0020	.0027	.0507	.0103	.0094	.0159	.0102
#2	.2015	.0020	.0028	.0507	.0100	.0095	.0158	.0102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Ag3280	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053	.0488	.0218	.0084	.0118	.0027	.0091	.0052
Stddev	.0001	.0001	.0000	.0003	.0009	.0001	.0004	.0009
%RSD	1.176	.1903	.0620	3.044	7.711	3.122	4.554	16.35
#1	.0053	.0488	.0219	.0086	.0112	.0028	.0094	.0058
#2	.0052	.0489	.0218	.0082	.0125	.0026	.0088	.0046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Al3961	Ca3179	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927	4.999	.1217	4.829	9.811	9.869	.0937	.0202
Stddev	.0030	.093	.0028	.118	.172	.179	.0006	.0001
%RSD	1.577	1.860	2.297	2.454	1.753	1.810	.6299	.5168
#1	.1906	4.933	.1198	4.745	9.690	9.743	.0941	.0203
#2	.1949	5.065	.1237	4.913	9.933	9.995	.0932	.0201
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Zoom In Zoom Out

Sample Name: CRIB Acquired: 12/1/2010 21:10:34 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475	.1940	.0098	.0109	.0099	.0446	F -.0001
Stddev	.0001	.0003	.0001	.0002	.0002	.0003	.0001
%RSD	.2274	.1503	.9334	1.663	2.474	.6312	64.20
#1	.0475	.1942	.0099	.0108	.0101	.0448	-.0001
#2	.0476	.1938	.0097	.0111	.0097	.0444	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value							.2000
Range							-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84934.	39841.	1824.0	5590.8
Stddev	1.	444.	6.4	7.0
%RSD	.00070	1.1138	.34880	.12517
#1	84934.	40155.	1819.5	5585.9
#2	84933.	39527.	1828.5	5595.8

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 21:16:33 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.089	2.125	2.042	2.070	2.069	1.994	2.047	2.008	.2599
Stddev	.029	.030	.009	.009	.002	.004	.004	.004	.0002
%RSD	1.382	1.393	.4429	.4609	.1118	.2142	.1969	.2046	.0717
#1	2.109	2.146	2.036	2.063	2.068	1.991	2.045	2.005	.2601
#2	2.068	2.104	2.048	2.077	2.071	1.997	2.050	2.011	.2598
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.027	2.064	2.041	2.077	1.981	2.042	2.056	41.01	41.42
Stddev	.004	.005	.012	.009	.001	.012	.012	.62	.60
%RSD	.1783	.2519	.5907	.4390	.0347	.6041	.5985	1.523	1.455
#1	2.025	2.060	2.032	2.071	1.980	2.033	2.047	41.45	41.85
#2	2.030	2.067	2.050	2.084	1.981	2.051	2.065	40.57	41.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.25	40.64	41.03	41.45	1.922	2.055	2.021	5.046	2.058
Stddev	.60	.61	.68	.65	.004	.013	.001	.029	.006
%RSD	1.425	1.505	1.657	1.574	.2237	.6378	.0479	.5819	.3143
#1	42.67	41.07	41.51	41.91	1.919	2.046	2.020	5.025	2.054
#2	41.82	40.20	40.55	40.99	1.925	2.064	2.022	5.067	2.063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 21:16:33 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.126	2.027	2.093	2.073
Stddev	.030	.007	.016	.004
%RSD	1.416	.3369	.7519	.1893
#1	2.147	2.022	2.082	2.070
#2	2.104	2.031	2.104	2.075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82682.	38411.	1763.1	5285.2
Stddev	176.	606.	11.9	21.7
%RSD	.21326	1.5777	.67538	.40996
#1	82807.	37982.	1771.5	5300.5
#2	82557.	38839.	1754.7	5269.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 21:22:21 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0000	.0001	.0003	.0000	-.0002	.0000
Stddev	.000	.000	.0001	.0001	.0001	.0000	.0000	.0000	.0003
%RSD	524.8	176.0	310.6	725.3	118.2	17.11	45.14	3.454	22120.
#1	.0000	.0000	.0001	-.0001	.0000	.0002	.0000	-.0002	-.0002
#2	-.0001	.0000	.0000	.0001	.0001	.0003	.0001	-.0002	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0002	.0002	.0007	-.0004	.0012	.0004	.0029	-.0075
Stddev	.000	.0001	.0002	.0000	.0009	.0003	.0005	.0003	.0005
%RSD	134.2	71.70	91.06	3.323	247.6	26.09	121.8	10.57	6.040
#1	-.0001	.0002	.0003	.0007	-.0010	.0010	.0008	.0027	-.0072
#2	.0000	.0001	.0001	.0008	.0003	.0014	.0001	.0032	-.0079
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	.0003	.0152	-.0175	.0004	.0013	.0000	.0031	.0001
Stddev	.0005	.0016	.0009	.0027	.0001	.0003	.000	.0003	.0003
%RSD	32.25	470.5	6.132	15.56	29.16	24.67	1494.	9.373	220.0
#1	.0020	.0015	.0158	-.0155	.0003	.0015	.0002	.0029	-.0001
#2	.0012	-.0008	.0145	-.0194	.0005	.0010	-.0002	.0033	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 21:22:21 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0004	-.0011	.0007
Stddev	.000	.0002	.0000	.0001
%RSD	33.08	47.44	3.396	21.40
#1	.0000	.0005	-.0011	.0006
#2	.0000	.0003	-.0011	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84715.	39562.	1818.3	5621.6
Stddev	71.	98.	6.3	15.4
%RSD	.08401	.24795	.34559	.27372
#1	84766.	39632.	1822.7	5632.5
#2	84665.	39493.	1813.8	5610.7

Zoom In Zoom Out

Sample Name: MP55804-S1 2 Acquired: 12/1/2010 21:28:25 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	9.716	.0498	.0486	.4876	.2145	.2374	.5551	.4859	.0510
Stddev	.149	.0004	.0003	.0009	.0005	.0005	.0011	.0010	.0003
%RSD	1.536	.7418	.5286	.1890	.2451	.1927	.1977	.2136	.6802
#1	9.610	.0496	.0488	.4869	.2141	.2370	.5543	.4852	.0508
#2	9.821	.0501	.0485	.4882	.2148	.2377	.5558	.4866	.0513

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4654	.5678	1.917	1.882	1.889	1.870	.4717	3.713	2.446
Stddev	.0013	.0030	.000	.007	.005	.003	.0007	.021	.028
%RSD	.2705	.5209	.0067	.3690	.2646	.1347	.1565	.5796	1.143
#1	.4645	.5658	1.917	1.877	1.885	1.872	.4712	3.698	2.426
#2	.4663	.5699	1.917	1.887	1.892	1.868	.4722	3.729	2.465

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	11.20	.5829	.9488	128.7	.0179	.0081	.0024	3.406	.0014
Stddev	.08	.0005	.0166	2.3	.0006	.0005	.0007	.001	.0002
%RSD	.7217	.0834	1.749	1.825	3.439	5.572	28.60	.0158	14.23
#1	11.14	.5826	.9370	127.0	.0184	.0084	.0029	3.406	.0015
#2	11.26	.5833	.9605	130.3	.0175	.0078	.0019	3.405	.0012

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0158	.0364	.0343	.0073
Stddev	.0001	.0002	.0013	.0003
%RSD	.7512	.5305	3.741	3.996
#1	.0157	.0365	.0334	.0075
#2	.0159	.0362	.0352	.0071

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81960.	38559.	1776.8	5382.9
Stddev	134.	131.	6.1	10.7
%RSD	.16397	.33853	.34109	.19814
#1	82055.	38652.	1772.5	5375.3
#2	81865.	38467.	1781.1	5390.4

Zoom In Zoom Out

Sample Name: MP55804-S2 Acquired: 12/1/2010 21:34:26 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	9.808	.0497	.0487	.4904	.2194	.2330	.5658	.4896	.0514
Stddev	.071	.0004	.0001	.0022	.0020	.0002	.0024	.0034	.0005
%RSD	.7245	.8316	.2489	.4493	.8918	.0645	.4235	.6962	.9388
#1	9.758	.0494	.0486	.4889	.2180	.2329	.5641	.4872	.0510
#2	9.858	.0500	.0488	.4920	.2208	.2331	.5675	.4920	.0517

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4709	.5738	1.929	1.904	1.893	1.874	.4749	3.741	2.422
Stddev	.0013	.0039	.006	.015	.012	.006	.0036	.013	.040
%RSD	.2697	.6873	.3369	.7670	.6069	.3358	.7568	.3380	1.631
#1	.4700	.5710	1.924	1.894	1.885	1.870	.4723	3.750	2.394
#2	.4717	.5766	1.934	1.915	1.901	1.879	.4774	3.732	2.450

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	11.36	.5675	.9528	131.6	.0165	.0077	.0015	3.533	.0013
Stddev	.10	.0078	.0048	.4	.0001	.0000	.0005	.009	.0003
%RSD	.8602	1.379	.5039	.3189	.8155	.0402	35.29	.2682	21.18
#1	11.29	.5619	.9562	131.9	.0164	.0077	.0019	3.527	.0011
#2	11.43	.5730	.9494	131.3	.0166	.0077	.0012	3.540	.0014

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0154	.0361	.0344	.0039
Stddev	.0000	.0003	.0002	.0000
%RSD	.1586	.9630	.5529	.2272
#1	.0154	.0358	.0343	.0039
#2	.0153	.0363	.0346	.0039

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82834.	38497.	1784.1	5400.1
Stddev	154.	32.	1.1	16.1
%RSD	.18597	.08428	.06312	.29845
#1	82943.	38520.	1784.8	5411.5
#2	82725.	38474.	1783.3	5388.7

Zoom In Zoom Out

Sample Name: JA61611-2 Acquired: 12/1/2010 21:40:28 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1307	.0010	.0016	.0048	.0494	.0667	.2802	.0358	.0006
Stddev	.0125	.0001	.0001	.0002	.0002	.0002	.0008	.0006	.0000
%RSD	9.568	6.030	4.753	3.373	.3535	.2593	.2861	1.741	6.188
#1	.1396	.0010	.0015	.0049	.0495	.0666	.2796	.0362	.0006
#2	.1219	.0009	.0017	.0047	.0493	.0668	.2807	.0353	.0006

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0325	.5670	.0225	-.0014	.3321	.0032	.0029	8.473	21.49
Stddev	.0003	.0001	.0010	.0016	.0002	.0000	.0002	.103	.18
%RSD	.8807	.0105	4.360	116.7	.0494	.2706	7.863	1.222	.8310
#1	.0327	.5670	.0232	-.0002	.3322	.0032	.0028	8.400	21.36
#2	.0323	.5671	.0218	-.0025	.3320	.0032	.0031	8.546	21.62

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	15.05	3.525	4.427	398.0	.1108	.0189	.0012	16.31	.0045
Stddev	.15	.042	.025	1.1	.0011	.0002	.0006	.04	.0004
%RSD	.9666	1.178	.5706	.2643	.9871	.8884	52.95	.2530	8.601
#1	14.94	3.495	4.409	397.2	.1100	.0188	.0008	16.28	.0042
#2	15.15	3.554	4.444	398.7	.1116	.0191	.0017	16.34	.0048

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1058	.2974	.0251	.0115
Stddev	.0014	.0005	.0003	.0000
%RSD	1.349	.1621	1.097	.2795
#1	.1048	.2970	.0249	.0116
#2	.1068	.2977	.0253	.0115

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80994.	37515.	1764.5	5099.5
Stddev	174.	.	4.1	4.6
%RSD	.21522	.00124	.23044	.09038
#1	81117.	37515.	1767.4	5102.8
#2	80871.	37515.	1761.6	5096.2

Zoom In Zoom Out

Sample Name: MP55804-SD1 Acquired: 12/1/2010 21:46:29 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0965	.0007	.0010	.0043	.0564	.0808	.3339	.0574	.0007
Stddev	.0007	.0000	.0001	.0012	.0003	.0023	.0078	.0031	.0010
%RSD	.7088	2.967	12.69	28.89	.4835	2.907	2.323	5.437	151.5
#1	.0970	.0007	.0009	.0052	.0562	.0824	.3394	.0596	.0014
#2	.0960	.0007	.0011	.0034	.0566	.0791	.3284	.0552	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0373	.5881	.0189	.0022	.2975	.0004	.0006	10.80	26.86
Stddev	.0013	.0710	.0000	.0024	.0416	.0002	.0038	.05	.35
%RSD	3.514	12.08	.1044	110.5	13.98	55.72	650.4	.4748	1.314
#1	.0382	.6383	.0189	.0039	.3269	.0006	-.0021	10.83	27.11
#2	.0363	.5378	.0189	.0005	.2681	.0003	.0033	10.76	26.61

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	18.99	4.502	5.747	524.8	.1013	.0174	.0034	14.98	.0053
Stddev	.17	.046	.034	.3	.0159	.0034	.0028	2.14	.0000
%RSD	.8723	1.022	.5931	.0533	15.71	19.57	82.24	14.27	.0120
#1	19.10	4.535	5.771	525.0	.1126	.0198	.0014	16.49	.0053
#2	18.87	4.470	5.723	524.6	.0901	.0150	.0054	13.47	.0053

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1332	.3591	.0123	.0139
Stddev	.0004	.0062	.0006	.0004
%RSD	.3136	1.724	4.811	3.041
#1	.1335	.3635	.0127	.0142
#2	.1329	.3547	.0119	.0136

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82996.	38516.	1795.0	5521.3
Stddev	94.	11.	6.0	3.7
%RSD	.11375	.02800	.33276	.06680
#1	83062.	38508.	1799.2	5518.7
#2	82929.	38523.	1790.8	5523.9

Zoom In Zoom Out

Sample Name: JA62064-24 Acquired: 12/1/2010 21:52:33 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2109	.0001	.0013	.0076	.0002	.0029	5.735	.0049	.0000
Stddev	.0015	.0000	.0000	.0001	.0002	.0002	.010	.0000	.0004
%RSD	.7299	4.863	3.680	1.161	134.8	6.012	.1751	.4390	1235.
#1	.2098	.0001	.0013	.0075	.0000	.0028	5.742	.0049	-.0002
#2	.2120	.0002	.0013	.0076	.0004	.0030	5.727	.0049	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0008	.0658	.0003	-.0031	.0017	.0011	.0000	.0085	35.06
Stddev	.0001	.0001	.0000	.0002	.0005	.0001	.0009	.0003	.14
%RSD	17.82	.1486	.8490	5.064	27.80	10.88	3925.	3.511	.4061
#1	.0009	.0657	.0003	-.0030	.0014	.0012	-.0006	.0087	34.96
#2	.0007	.0659	.0003	-.0033	.0020	.0010	.0007	.0083	35.16

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0868	10.40	1.643	31.27	.1012	.0022	-.0016	7.131	-.0050
Stddev	.0011	.08	.014	.27	.0001	.0000	.0006	.019	.0004
%RSD	1.258	.7335	.8682	.8584	.0855	1.397	37.57	.2630	8.171
#1	.0860	10.34	1.633	31.08	.1013	.0022	-.0020	7.117	-.0053
#2	.0876	10.45	1.654	31.46	.1012	.0022	-.0012	7.144	-.0047

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1420	-.0062	.0090	.0001
Stddev	.0010	.0001	.0003	.0000
%RSD	.6811	1.671	3.562	15.24
#1	.1414	-.0062	.0087	.0001
#2	.1427	-.0063	.0092	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81258.	38587.	1707.1	5389.9
Stddev	149.	70.	4.7	4.5
%RSD	.18334	.18212	.27636	.08374
#1	81152.	38537.	1710.4	5393.1
#2	81363.	38637.	1703.8	5386.7

Zoom In Zoom Out

Sample Name: JA62289-1 Acquired: 12/1/2010 21:58:38 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5310	.0000	.0002	.0002	.0007	.0051	.6594	.0034	-.0001
Stddev	.0046	.000	.0001	.0000	.0005	.0000	.0024	.0002	.0001
%RSD	.8689	102.4	44.85	3.688	68.31	.6559	.3565	6.898	213.9
#1	.5277	.0000	.0001	.0002	.0011	.0051	.6578	.0036	.0000
#2	.5343	.0000	.0002	.0002	.0004	.0051	.6611	.0033	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0007	.2058	.0001	-.0019	.0018	-.0001	.0002	-.0107	107.0
Stddev	.0000	.0010	.0004	.0007	.0009	.0003	.0003	.0042	.1
%RSD	.3813	.4908	257.1	39.14	50.94	300.5	152.7	39.25	.1099
#1	.0008	.2051	.0004	-.0014	.0024	.0001	.0000	-.0137	107.1
#2	.0007	.2065	-.0001	-.0024	.0011	-.0003	.0004	-.0078	106.9

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0606	28.32	12.80	66.09	.0449	.0117	-.0012	4.898	-.0018
Stddev	.0007	.06	.08	.64	.0006	.0001	.0005	.007	.0003
%RSD	1.118	.2042	.6258	.9716	1.399	1.014	38.48	.1423	14.54
#1	.0602	28.28	12.74	66.54	.0445	.0116	-.0009	4.893	-.0020
#2	.0611	28.36	12.86	65.63	.0453	.0118	-.0016	4.903	-.0016

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.3600	-.0043	.0062	.0001
Stddev	.0026	.0001	.0003	.0000
%RSD	.7308	2.062	5.603	66.71
#1	.3581	-.0042	.0064	.0001
#2	.3618	-.0044	.0059	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80240.	37692.	1692.6	5239.3
Stddev	178.	50.	.4	1.7
%RSD	.22203	.13271	.02275	.03337
#1	80114.	37657.	1692.3	5238.0
#2	80366.	37727.	1692.9	5240.5

Zoom In Zoom Out

Sample Name: JA62308-5 Acquired: 12/1/2010 22:04:39 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1976	.0000	.0000	.0010	.0956	.0624	.1337	.1063	.0003
Stddev	.0004	.0000	.000	.0002	.0001	.0002	.0005	.0001	.0002
%RSD	.1887	37.47	186.4	18.62	.1349	.2839	.3793	.1269	54.13
#1	.1974	.0000	.0000	.0008	.0956	.0625	.1333	.1062	.0005
#2	.1979	.0000	-.0001	.0011	.0957	.0622	.1340	.1064	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0047	.1263	.0006	-.0016	.0049	.0003	-.0003	.5288	201.5
Stddev	.0002	.0001	.0001	.0008	.0004	.0002	.0007	.0038	3.5
%RSD	4.308	.0615	9.848	48.44	7.987	88.81	211.6	.7181	1.756
#1	.0045	.1263	.0006	-.0021	.0046	.0004	-.0008	.5315	199.0
#2	.0048	.1262	.0007	-.0010	.0052	.0001	.0002	.5261	204.1

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	2.077	72.42	74.32	*****	1.422	.0133	-.0031	15.26	-.0006
Stddev	.020	.39	.05	-----	.001	.0002	.0005	.01	.0003
%RSD	.9727	.5324	.0675	-----	.0341	1.160	14.63	.0597	56.47
#1	2.063	72.14	74.35	-----	1.422	.0132	-.0034	15.25	-.0004
#2	2.091	72.69	74.28	-----	1.421	.0135	-.0028	15.26	-.0009

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.148	.0020	-.0032	.0037
Stddev	.003	.0003	.0004	.0002
%RSD	.2403	12.93	11.87	4.515
#1	1.146	.0022	-.0035	.0038
#2	1.150	.0018	-.0029	.0036

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74569.	35202.	1551.4	4339.8
Stddev	95.	62.	2.2	3.0
%RSD	.12776	.17643	.14219	.06865
#1	74502.	35159.	1549.8	4337.7
#2	74637.	35246.	1552.9	4341.9

Zoom In Zoom Out

Sample Name: JA62308-6 Acquired: 12/1/2010 22:10:46 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.3460	-.0001	.0001	-.0007	.0083	.0032	.0004	.0011	-.0008
Stddev	.0016	.0000	.0001	.0000	.0001	.0003	.0001	.0004	.0001
%RSD	.4621	10.65	56.41	1.422	1.692	8.697	24.32	37.65	11.37
#1	.3448	-.0001	.0002	-.0007	.0084	.0034	.0004	.0014	-.0009
#2	.3471	-.0001	.0001	-.0007	.0082	.0030	.0003	.0008	-.0008

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0011	.0070	.0022	.0020	.0070	.0004	.0004	-.0642	851.2
Stddev	.0001	.0002	.0006	.0004	.0005	.0012	.0006	.0061	4.2
%RSD	8.077	3.241	26.10	20.25	6.617	319.0	136.5	9.579	.4953
#1	.0010	.0071	.0026	.0023	.0067	-.0005	.0009	-.0685	848.3
#2	.0012	.0068	.0018	.0017	.0073	.0012	.0000	-.0598	854.2

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0743	.1431	43.04	71.00	.2182	-.0002	-.0051	1.340	-.0011
Stddev	.0006	.0027	.18	1.94	.0015	.0001	.0007	.001	.0003
%RSD	.7567	1.863	.4184	2.735	.7022	37.90	13.19	.0687	23.09
#1	.0739	.1412	42.91	69.63	.2171	-.0001	-.0055	1.340	-.0009
#2	.0747	.1450	43.17	72.37	.2193	-.0002	-.0046	1.339	-.0013

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	8.888	.0017	.0254	-.0001
Stddev	.022	.0001	.0002	.0000
%RSD	.2508	5.757	.7920	19.62
#1	8.873	.0018	.0253	-.0001
#2	8.904	.0016	.0256	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76208.	35861.	1570.4	4693.0
Stddev	305.	21.	.2	9.6
%RSD	.40069	.05931	.00992	.20420
#1	75992.	35846.	1570.5	4699.7
#2	76424.	35876.	1570.3	4686.2

Zoom In Zoom Out

Sample Name: MP55906-MB1 2 Acquired: 12/1/2010 22:17:01 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0100	.0000	.0000	.0004	.0004	.0013	.0023	.0042	.0004
Stddev	.0001	.000	.0001	.0002	.0002	.0002	.0000	.0000	.0004
%RSD	.9867	7.289	363.7	67.69	44.54	15.62	.8700	.9063	103.0
#1	.0099	.0000	.0000	.0002	.0003	.0012	.0023	.0042	.0007
#2	.0100	.0000	.0001	.0005	.0006	.0015	.0023	.0042	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0003	-.0026	.0027	-.0080	.0001	.0125	-.0005	.0137	.1891
Stddev	.0000	.0002	.0002	.0010	.0006	.0006	.0002	.0031	.0027
%RSD	12.66	5.927	6.449	12.90	419.3	4.532	46.94	22.49	1.440
#1	.0003	-.0027	.0029	-.0088	.0006	.0121	-.0003	.0115	.1910
#2	.0002	-.0025	.0026	-.0073	-.0003	.0129	-.0007	.0158	.1872

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0345	.0482	5.892	1111.	.0632	-.0005	-.0001	.3464	.0050
Stddev	.0009	.0007	.052	16.	.0002	.0000	.0007	.0005	.0002
%RSD	2.736	1.391	.8862	1.410	.3189	3.033	503.0	.1564	3.287
#1	.0352	.0477	5.929	1122.	.0631	-.0005	.0003	.3460	.0051
#2	.0338	.0487	5.855	1100.	.0634	-.0005	-.0006	.3467	.0049

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0424	-.0003	-.0083	-.0002
Stddev	.0001	.0000	.0002	.0001
%RSD	.1309	10.96	2.145	65.11
#1	.0423	-.0003	-.0082	-.0002
#2	.0424	-.0003	-.0084	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77286.	36454.	1598.9	4650.6
Stddev	380.	28.	3.1	8.1
%RSD	.49114	.07658	.19141	.17473
#1	77555.	36435.	1601.1	4656.3
#2	77018.	36474.	1596.8	4644.8

Zoom In Zoom Out

Sample Name: MP55906-B1 Acquired: 12/1/2010 22:23:07 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	9.965	.0514	.0536	.4811	.2065	.2441	.5063	.4923	.0590
Stddev	.168	.0003	.0003	.0006	.0007	.0036	.0022	.0011	.0007
%RSD	1.689	.5898	.6082	.1176	.3290	1.477	.4329	.2266	1.248
#1	9.846	.0512	.0534	.4807	.2070	.2466	.5079	.4915	.0596
#2	10.08	.0516	.0538	.4815	.2061	.2415	.5048	.4931	.0585

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4886	.5062	2.220	1.782	1.891	2.272	.5216	2.044	.0257
Stddev	.0025	.0018	.005	.004	.007	.002	.0010	.008	.0024
%RSD	.5070	.3570	.2228	.2497	.3701	.0903	.1909	.4115	9.435
#1	.4904	.5050	2.216	1.778	1.886	2.271	.5223	2.039	.0240
#2	.4869	.5075	2.223	1.785	1.896	2.274	.5209	2.050	.0275

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.081	.0509	5.638	1071.	.0612	-.0007	.0004	.3337	.0054
Stddev	.004	.0046	.043	12.	.0003	.0000	.0003	.0012	.0002
%RSD	.4202	9.084	.7675	1.117	.4480	4.091	58.97	.3706	3.444
#1	1.077	.0476	5.608	1062.	.0614	-.0007	.0003	.3328	.0052
#2	1.084	.0541	5.669	1079.	.0610	-.0006	.0006	.3346	.0055

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0416	-.0003	.0210	.0002
Stddev	.0001	.0001	.0003	.0000
%RSD	.2459	27.94	1.622	6.570
#1	.0415	-.0004	.0208	.0002
#2	.0417	-.0003	.0213	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77241.	36706.	1622.0	4682.4
Stddev	774.	28.	1.0	5.3
%RSD	1.0026	.07760	.06130	.11383
#1	76694.	36726.	1622.7	4686.2
#2	77789.	36685.	1621.2	4678.7

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 22:29:11 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.092	2.135	2.071	2.094	2.122	1.990	2.099	2.027	.2639
Stddev	.007	.014	.004	.004	.002	.002	.002	.003	.0006
%RSD	.3382	.6425	.2031	.1788	.1149	.1022	.0963	.1506	.2272
#1	2.087	2.125	2.068	2.091	2.121	1.989	2.098	2.025	.2634
#2	2.097	2.145	2.073	2.097	2.124	1.991	2.101	2.029	.2643
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.065	2.099	2.053	2.114	1.997	2.046	2.074	41.06	41.45
Stddev	.001	.002	.002	.006	.001	.004	.005	.20	.35
%RSD	.0621	.0712	.1075	.3017	.0583	.1700	.2611	.4869	.8554
#1	2.064	2.098	2.051	2.110	1.996	2.044	2.070	40.92	41.20
#2	2.066	2.100	2.054	2.119	1.998	2.049	2.078	41.20	41.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.45	40.85	41.47	40.78	1.896	2.082	2.040	5.071	2.083
Stddev	.34	.33	.00	.04	.006	.006	.002	.012	.003
%RSD	.8096	.7992	.0051	.1102	.3191	.3088	.0897	.2317	.1516
#1	42.21	40.62	41.47	40.75	1.892	2.077	2.039	5.063	2.081
#2	42.70	41.08	41.47	40.82	1.900	2.086	2.041	5.080	2.085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 22:29:11 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.139	2.065	2.128	2.094
Stddev	.008	.002	.010	.004
%RSD	.3553	.1014	.4678	.1741
#1	2.133	2.064	2.121	2.091
#2	2.144	2.067	2.135	2.096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82327.	38609.	1781.0	5339.4
Stddev	13.	57.	4.0	8.9
%RSD	.01621	.14804	.22309	.16602
#1	82337.	38649.	1783.8	5345.7
#2	82318.	38569.	1778.2	5333.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 22:34:59 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0001	.0004	.0004	.0000	-.0005	-.0002
Stddev	.0000	.0000	.0001	.0001	.0003	.0004	.0000	.0001	.0002
%RSD	431.2	1439.	356.2	95.42	80.41	89.24	103.8	14.26	129.2
#1	.0000	.0000	.0001	.0000	.0002	.0002	.0000	-.0004	.0000
#2	.0000	.0000	.0000	.0001	.0006	.0007	.0000	-.0005	-.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0003	.0002	.0010	.0001	-.0001	.0002	-.0010	-.0067
Stddev	.0001	.0001	.0002	.0006	.0004	.0001	.0001	.0026	.0019
%RSD	150.8	17.13	98.10	64.11	282.1	132.2	39.15	257.7	28.21
#1	-.0002	.0003	.0001	.0005	.0004	.0000	.0001	.0008	-.0081
#2	.0000	.0003	.0004	.0014	-.0001	-.0002	.0002	-.0029	-.0054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	-.0007	.0230	.0899	.0007	.0015	.0007	.0039	.0000
Stddev	.0002	.0003	.0023	.0010	.0000	.0004	.0008	.0009	.001
%RSD	11.74	43.90	10.01	1.129	3.390	24.45	113.3	22.56	1467.
#1	.0018	-.0010	.0214	.0891	.0007	.0017	.0001	.0033	.0003
#2	.0015	-.0005	.0246	.0906	.0007	.0012	.0012	.0045	-.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 22:34:59 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0006	.0006	.0007
Stddev	.0000	.0003	.0013	.0000
%RSD	252.1	46.40	208.7	4.016
#1	.0000	.0008	.0016	.0007
#2	.0000	.0004	-.0003	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83551.	39051.	1841.7	5687.5
Stddev	191.	232.	4.0	8.2
%RSD	.22884	.59402	.21486	.14448
#1	83686.	39215.	1844.5	5693.3
#2	83416.	38886.	1838.9	5681.7

Zoom In Zoom Out

Sample Name: MP55906-S1 Acquired: 12/1/2010 22:41:02 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.15	.0517	.0502	.5132	.2106	.2355	.5194	.4897	.0530
Stddev	.07	.0001	.0001	.0009	.0004	.0002	.0011	.0004	.0004
%RSD	.7194	.2793	.1850	.1809	.1676	.0893	.2068	.0903	.8451
#1	10.10	.0516	.0503	.5126	.2104	.2353	.5201	.4900	.0527
#2	10.20	.0518	.0502	.5139	.2108	.2356	.5186	.4894	.0533

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4934	.7810	1.999	1.944	2.324	1.944	.5127	2.024	.2210
Stddev	.0000	.0009	.002	.003	.001	.005	.0021	.005	.0028
%RSD	.0088	.1209	.0915	.1269	.0381	.2356	.4185	.2395	1.289
#1	.4934	.7803	1.998	1.942	2.324	1.941	.5112	2.021	.2190
#2	.4933	.7817	2.000	1.945	2.325	1.947	.5143	2.028	.2230

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.074	.0101	.0789	25.59	.0032	.0003	.0009	.0202	.0002
Stddev	.012	.0006	.0014	.16	.0000	.0000	.0006	.0005	.0001
%RSD	1.087	6.195	1.785	.6153	.1575	5.608	73.24	2.550	37.01
#1	1.066	.0106	.0779	25.70	.0032	.0003	.0013	.0198	.0002
#2	1.082	.0097	.0799	25.47	.0032	.0003	.0004	.0205	.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0010	.0006	.0286	.0051
Stddev	.0000	.0002	.0005	.0004
%RSD	1.108	39.96	1.732	7.639
#1	.0010	.0008	.0289	.0053
#2	.0010	.0004	.0282	.0048

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83020.	39188.	1782.6	5570.5
Stddev	7.	3.	5.7	9.1
%RSD	.00861	.00712	.31707	.16414
#1	83025.	39190.	1786.6	5576.9
#2	83015.	39186.	1778.6	5564.0

Zoom In Zoom Out

Sample Name: MP55906-S2 Acquired: 12/1/2010 22:46:58 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.30	.0524	.0511	.5224	.2125	.2385	.5231	.4979	.0533
Stddev	.01	.0001	.0003	.0045	.0014	.0019	.0021	.0040	.0001
%RSD	.0893	.1188	.5288	.8642	.6430	.7796	.4070	.8040	.2000
#1	10.31	.0524	.0509	.5193	.2135	.2371	.5246	.4951	.0534
#2	10.30	.0523	.0513	.5256	.2115	.2398	.5216	.5008	.0532

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4980	.7969	2.033	1.979	2.370	1.978	.5210	2.053	.2251
Stddev	.0002	.0069	.011	.010	.016	.011	.0037	.002	.0006
%RSD	.0375	.8681	.5350	.5272	.6767	.5478	.7055	.0712	.2578
#1	.4981	.7920	2.025	1.971	2.358	1.970	.5184	2.054	.2247
#2	.4978	.8018	2.040	1.986	2.381	1.986	.5236	2.052	.2255

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.094	.0198	.0730	26.30	.0028	-.0001	.0009	.0159	.0000
Stddev	.001	.0004	.0018	.15	.0001	.0001	.0008	.0000	.0001
%RSD	.0744	2.226	2.447	.5643	4.964	43.42	90.58	.2101	1485.
#1	1.093	.0195	.0743	26.40	.0029	-.0001	.0003	.0159	.0001
#2	1.094	.0202	.0717	26.19	.0027	-.0002	.0014	.0159	-.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0010	-.0001	.0273	.0014
Stddev	.0000	.0000	.0001	.0000
%RSD	.7836	4.477	.5171	2.995
#1	.0010	-.0001	.0272	.0014
#2	.0010	-.0001	.0274	.0014

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83001.	38971.	1774.2	5537.8
Stddev	189.	223.	8.4	25.5
%RSD	.22823	.57190	.47587	.45966
#1	83135.	38813.	1780.2	5555.8
#2	82867.	39128.	1768.3	5519.8

Zoom In Zoom Out

Sample Name: JA62378-1 Acquired: 12/1/2010 22:52:55 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0192	.0000	.0007	-.0001	.0003	.0017	.0023	.0003	-.0001
Stddev	.0001	.000	.0000	.0001	.0003	.0000	.0000	.0000	.0002
%RSD	.3704	12.75	5.013	72.91	99.72	2.820	1.407	14.76	175.1
#1	.0191	.0000	.0007	-.0001	.0001	.0017	.0022	.0003	.0000
#2	.0192	.0000	.0007	.0000	.0005	.0016	.0023	.0003	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.3286	.0004	-.0008	.4959	.0022	.0008	.0074	.4864
Stddev	.0002	.0008	.0003	.0002	.0033	.0008	.0005	.0004	.0068
%RSD	834.6	.2517	88.72	24.39	.6630	35.95	58.26	5.912	1.404
#1	.0002	.3292	.0006	-.0010	.4982	.0017	.0011	.0071	.4816
#2	-.0001	.3280	.0001	-.0007	.4936	.0028	.0005	.0077	.4913

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0195	.0068	.1773	31.21	.0024	.0000	.0005	.0219	-.0003
Stddev	.0010	.0086	.0006	.18	.0006	.0000	.0006	.0004	.0009
%RSD	5.346	127.8	.3147	.5830	24.73	50.60	106.3	1.919	316.3
#1	.0187	.0129	.1769	31.34	.0028	.0000	.0009	.0222	-.0009
#2	.0202	.0006	.1777	31.08	.0020	.0001	.0001	.0216	.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0012	.0000	-.0025	.0000
Stddev	.0000	.0002	.0001	.0001
%RSD	2.139	450.3	3.748	324.1
#1	.0012	-.0001	-.0024	.0000
#2	.0012	.0001	-.0026	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82270.	38980.	1771.4	5532.5
Stddev	176.	70.	17.4	45.6
%RSD	.21338	.18058	.98374	.82410
#1	82146.	39030.	1759.1	5500.3
#2	82395.	38930.	1783.7	5564.8

Zoom In Zoom Out

Sample Name: MP55906-SD1 Acquired: 12/1/2010 22:58:55 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0188	-.0002	.0007	.0002	-.0009	.0035	.0022	-.0016	-.0008
Stddev	.0001	.0000	.0001	.0001	.0005	.0001	.0001	.0009	.0006
%RSD	.6862	26.48	14.66	65.05	59.69	1.861	2.896	55.26	67.93
#1	.0189	-.0002	.0006	.0003	-.0013	.0034	.0021	-.0010	-.0012
#2	.0187	-.0001	.0008	.0001	-.0005	.0035	.0022	-.0022	-.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0007	.3343	.0003	-.0028	.4909	.0041	.0014	.0169	.4990
Stddev	.0001	.0007	.0007	.0028	.0002	.0043	.0022	.0142	.0040
%RSD	15.80	.2075	241.3	101.9	.0375	105.0	157.1	84.17	.8025
#1	.0008	.3338	.0008	-.0048	.4908	.0010	-.0002	.0269	.4962
#2	.0006	.3348	-.0002	-.0008	.4910	.0071	.0030	.0068	.5018

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0235	-.0055	.2124	30.28	-.0002	-.0009	.0021	.0250	-.0010
Stddev	.0032	.0016	.0142	.23	.0003	.0002	.0038	.0001	.0022
%RSD	13.54	28.33	6.692	.7430	113.9	21.06	183.9	.3832	222.0
#1	.0257	-.0066	.2024	30.12	.0000	-.0008	.0047	.0250	.0006
#2	.0212	-.0044	.2225	30.44	-.0004	-.0010	-.0006	.0249	-.0026

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0011	-.0002	-.0340	-.0010
Stddev	.0001	.0006	.0035	.0001
%RSD	7.526	258.9	10.23	12.66
#1	.0011	-.0007	-.0316	-.0010
#2	.0010	.0002	-.0365	-.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83345.	39227.	1825.6	5666.4
Stddev	92.	11.	3.6	10.7
%RSD	.10993	.02831	.19671	.18912
#1	83280.	39219.	1828.1	5674.0
#2	83410.	39235.	1823.0	5658.8

Zoom In Zoom Out

Sample Name: MP55905-MB1 2 Acquired: 12/1/2010 23:04:56 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0109	.0000	.0002	.0001	.0004	.0008	.0019	-.0001	-.0002
Stddev	.0002	.000	.0001	.0001	.0002	.0003	.0000	.0001	.0002
%RSD	1.569	4.328	54.23	216.6	50.21	40.99	2.038	122.1	77.57
#1	.0108	.0000	.0003	.0002	.0005	.0005	.0019	.0000	-.0001
#2	.0110	.0000	.0001	.0000	.0002	.0010	.0020	-.0002	-.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0016	.0033	-.0122	.0004	.0158	.0000	.0047	.1695
Stddev	.0001	.0000	.0003	.0006	.0002	.0003	.000	.0016	.0000
%RSD	157.2	2.471	7.685	5.239	45.31	1.877	212.7	34.52	.0014
#1	.0000	.0016	.0031	-.0126	.0003	.0160	.0000	.0058	.1695
#2	.0001	.0017	.0035	-.0117	.0005	.0156	-.0001	.0035	.1696

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0040	.0441	.0453	.0850	-.0005	-.0004	.0001	.4250	.0050
Stddev	.0005	.0023	.0029	.0016	.0003	.0001	.0004	.0015	.0007
%RSD	12.51	5.156	6.355	1.911	59.88	29.22	489.0	.3429	15.01
#1	.0037	.0425	.0474	.0838	-.0007	-.0003	.0004	.4260	.0055
#2	.0044	.0457	.0433	.0861	-.0003	-.0004	-.0002	.4240	.0045

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0082	-.0005	-.0064	.0000
Stddev	.0001	.0000	.0005	.0001
%RSD	.6838	6.059	7.874	335.8
#1	.0081	-.0006	-.0068	.0001
#2	.0082	-.0005	-.0061	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81644.	39496.	1731.6	5663.6
Stddev	1140.	52.	6.8	.6
%RSD	1.3957	.13046	.39170	.01143
#1	82450.	39460.	1726.8	5663.2
#2	80838.	39533.	1736.4	5664.1

Zoom In Zoom Out

Sample Name: MP55905-B1 Acquired: 12/1/2010 23:10:58 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.43	.0518	.0495	.5198	.2088	.2371	.5114	.4672	.0518
Stddev	.08	.0002	.0004	.0004	.0008	.0003	.0001	.0007	.0002
%RSD	.7522	.4137	.7271	.0849	.4004	.1408	.0281	.1526	.4305
#1	10.38	.0516	.0497	.5195	.2082	.2369	.5115	.4667	.0519
#2	10.49	.0519	.0492	.5201	.2094	.2374	.5113	.4677	.0516

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4915	.5135	2.137	1.819	1.785	2.234	.5191	2.015	.0217
Stddev	.0000	.0001	.001	.005	.001	.001	.0003	.004	.0023
%RSD	.0014	.0255	.0338	.2978	.0565	.0293	.0567	.2032	10.62
#1	.4915	.5136	2.138	1.815	1.784	2.234	.5193	2.012	.0200
#2	.4915	.5134	2.137	1.822	1.786	2.233	.5189	2.018	.0233

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.060	.0536	-.0315	.0704	-.0010	-.0006	.0013	.4252	.0058
Stddev	.008	.0128	.0041	.0026	.0002	.0001	.0001	.0009	.0001
%RSD	.7913	23.97	12.99	3.730	17.12	12.39	5.960	.2166	2.119
#1	1.054	.0627	-.0286	.0723	-.0011	-.0006	.0013	.4245	.0059
#2	1.066	.0445	-.0344	.0686	-.0008	-.0007	.0012	.4258	.0057

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0084	-.0001	.0231	.0009
Stddev	.0000	.0006	.0001	.0001
%RSD	.3648	741.8	.3168	9.704
#1	.0083	.0003	.0232	.0010
#2	.0084	-.0005	.0230	.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82112.	39567.	1721.9	5651.8
Stddev	357.	37.	2.3	1.6
%RSD	.43533	.09465	.13166	.02864
#1	82365.	39541.	1720.3	5650.7
#2	81859.	39594.	1723.5	5652.9

Zoom In Zoom Out

Sample Name: MP55905-S1 Acquired: 12/1/2010 23:16:56 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.73	.0501	.0659	.5640	.2009	.3344	3.246	.6561	.0621
Stddev	.06	.0002	.0003	.0021	.0007	.0007	.010	.0032	.0003
%RSD	.5386	.4542	.5010	.3739	.3371	.1946	.3082	.4836	.5112
#1	10.69	.0499	.0661	.5654	.2014	.3340	3.253	.6584	.0624
#2	10.77	.0502	.0657	.5625	.2004	.3349	3.239	.6539	.0619

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5422	2.075	2.500	1.775	1.848	2.684	.6439	2.218	1941.
Stddev	.0012	.010	.012	.008	.005	.011	.0041	.007	27.
%RSD	.2169	.4747	.4677	.4316	.2657	.3976	.6330	.3167	1.398
#1	.5430	2.082	2.508	1.781	1.851	2.691	.6468	2.213	1922.
#2	.5414	2.068	2.492	1.770	1.845	2.676	.6411	2.223	1960.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.252	112.1	8.876	145.3	.1548	.0422	-.0114	7.174	.0027
Stddev	.006	.3	.022	.2	.0004	.0003	.0008	.030	.0004
%RSD	.4949	.3019	.2498	.1412	.2782	.6053	7.333	.4232	14.59
#1	1.248	111.9	8.892	145.2	.1545	.0424	-.0108	7.196	.0030
#2	1.257	112.3	8.861	145.4	.1551	.0420	-.0120	7.153	.0025

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	11.43	.0020	.1111	.0002
Stddev	.03	.0000	.0015	.0001
%RSD	.2211	.4920	1.346	42.24
#1	11.41	.0020	.1101	.0001
#2	11.45	.0020	.1122	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70502.	33734.	1352.1	4051.5
Stddev	2.	22.	4.3	12.5
%RSD	.00263	.06554	.31784	.30748
#1	70500.	33749.	1349.1	4042.7
#2	70503.	33718.	1355.1	4060.3

Zoom In Zoom Out

Sample Name: MP55905-S2 Acquired: 12/1/2010 23:23:07 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	11.14	.0522	.0679	.5840	.2065	.3462	3.335	.6795	.0637
Stddev	.15	.0002	.0003	.0005	.0009	.0002	.032	.0001	.0005
%RSD	1.382	.3674	.4503	.0848	.4537	.0588	.9563	.0214	.8387
#1	11.04	.0521	.0677	.5844	.2072	.3464	3.358	.6796	.0641
#2	11.25	.0523	.0681	.5837	.2059	.3461	3.313	.6794	.0633

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5597	2.135	2.604	1.829	1.911	2.797	.6681	2.295	2000.
Stddev	.0042	.002	.006	.001	.001	.005	.0024	.005	5.
%RSD	.7570	.0989	.2299	.0749	.0363	.1927	.3543	.2237	.2691
#1	.5627	2.136	2.608	1.830	1.911	2.801	.6697	2.299	2003.
#2	.5567	2.133	2.600	1.828	1.910	2.793	.6664	2.291	1996.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.297	115.8	9.205	149.8	.1604	.0432	-.0108	7.392	.0036
Stddev	.005	.3	.039	2.8	.0006	.0003	.0003	.012	.0014
%RSD	.3955	.2454	.4252	1.866	.3781	.7448	2.377	.1618	40.19
#1	1.293	115.6	9.233	147.8	.1608	.0429	-.0110	7.400	.0026
#2	1.301	116.0	9.178	151.8	.1600	.0434	-.0106	7.383	.0046

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	11.76	.0019	.1145	-.0004
Stddev	.07	.0001	.0001	.0001
%RSD	.6262	6.870	.0462	25.89
#1	11.71	.0019	.1145	-.0005
#2	11.81	.0018	.1144	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69961.	33352.	1343.8	4015.9
Stddev	112.	54.	2.5	6.3
%RSD	.15938	.16047	.18683	.15655
#1	69882.	33314.	1342.0	4011.4
#2	70039.	33389.	1345.6	4020.3

Zoom In Zoom Out

Sample Name: JA62312-1 Acquired: 12/1/2010 23:29:17 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2034	.0000	.0072	.0815	.0054	.0707	2.894	.1937	-.0012
Stddev	.0009	.0000	.0002	.0010	.0000	.0012	.047	.0023	.0001
%RSD	.4252	2.768	2.515	1.186	.8357	1.638	1.614	1.172	9.520
#1	.2028	.0000	.0073	.0822	.0055	.0698	2.861	.1953	-.0011
#2	.2040	.0000	.0071	.0808	.0054	.0715	2.927	.1921	-.0013

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0657	1.675	.0180	-.0122	.0018	.0987	.0539	-.0845	1980.
Stddev	.0009	.016	.0027	.0002	.0005	.0003	.0006	.0093	15.
%RSD	1.440	.9632	14.96	1.357	29.93	.2668	1.088	11.04	.7498
#1	.0651	1.687	.0199	-.0123	.0014	.0989	.0535	-.0779	1969.
#2	.0664	1.664	.0161	-.0120	.0021	.0985	.0543	-.0911	1990.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.2198	116.0	9.238	150.0	.1620	.0436	-.0127	7.421	.0031
Stddev	.0009	.1	.009	.1	.0021	.0002	.0000	.090	.0005
%RSD	.3983	.0462	.0987	.0567	1.292	.3694	.3712	1.219	15.07
#1	.2192	115.9	9.231	150.0	.1635	.0437	-.0127	7.485	.0028
#2	.2205	116.0	9.244	150.1	.1606	.0435	-.0127	7.357	.0035

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	11.78	.0024	.0799	-.0006
Stddev	.15	.0004	.0001	.0002
%RSD	1.239	16.76	.0661	28.44
#1	11.67	.0021	.0800	-.0007
#2	11.88	.0026	.0799	-.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69063.	33412.	1342.6	4018.3
Stddev	849.	41.	15.9	49.7
%RSD	1.2293	.12163	1.1855	1.2376
#1	69663.	33383.	1331.4	3983.2
#2	68462.	33441.	1353.9	4053.5

Zoom In Zoom Out

Sample Name: MP55905-SD1 Acquired: 12/1/2010 23:35:27 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1984	-.0002	.0056	.0840	.0053	.0665	2.969	.1977	-.0016
Stddev	.0009	.0001	.0001	.0004	.0016	.0019	.005	.0004	.0005
%RSD	.4688	30.11	1.427	.4526	30.20	2.818	.1865	.2083	29.09
#1	.1978	-.0002	.0056	.0843	.0064	.0678	2.965	.1974	-.0019
#2	.1991	-.0002	.0055	.0837	.0042	.0651	2.973	.1980	-.0013

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0675	1.778	.0168	-.0057	.0005	.0724	.0451	-.0990	2374.
Stddev	.0002	.003	.0011	.0001	.0017	.0017	.0023	.0092	37.
%RSD	.2596	.1549	6.443	2.488	344.3	2.378	5.126	9.316	1.567
#1	.0676	1.776	.0161	-.0058	.0016	.0712	.0434	-.0925	2348.
#2	.0674	1.780	.0176	-.0056	-.0007	.0736	.0467	-.1055	2401.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.2129	114.1	8.410	143.8	.1544	.0410	-.0182	6.797	-.0043
Stddev	.0013	.3	.037	.8	.0000	.0006	.0037	.004	.0044
%RSD	.6204	.2605	.4395	.5387	.0040	1.540	20.42	.0583	102.3
#1	.2139	113.8	8.383	143.3	.1544	.0415	-.0208	6.794	-.0074
#2	.2120	114.3	8.436	144.4	.1544	.0406	-.0155	6.800	-.0012

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	12.13	.0019	.0552	-.0011
Stddev	.08	.0011	.0009	.0001
%RSD	.6437	58.38	1.685	12.67
#1	12.18	.0011	.0545	-.0010
#2	12.07	.0027	.0558	-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78099.	37017.	1610.5	4982.9
Stddev	161.	38.	3.6	4.2
%RSD	.20569	.10173	.22140	.08473
#1	77985.	36990.	1613.0	4985.9
#2	78213.	37044.	1607.9	4979.9

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 23:41:37 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.068	2.102	2.083	2.112	2.161	2.039	2.137	2.031	.2693
Stddev	.016	.019	.006	.010	.000	.014	.004	.007	.0006
%RSD	.7935	.8974	.3133	.4816	.0033	.6835	.1642	.3643	.2254
#1	2.080	2.116	2.078	2.104	2.161	2.048	2.139	2.026	.2697
#2	2.057	2.089	2.088	2.119	2.161	2.029	2.134	2.036	.2689
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.106	2.105	2.071	2.128	1.995	2.066	2.093	40.41	40.94
Stddev	.004	.007	.011	.005	.007	.010	.010	.29	.42
%RSD	.2110	.3383	.5358	.2330	.3737	.5039	.4681	.7200	1.018
#1	2.109	2.100	2.063	2.124	1.990	2.059	2.086	40.61	41.23
#2	2.102	2.110	2.079	2.131	2.000	2.074	2.100	40.20	40.64
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.88	40.28	40.89	40.51	1.893	2.097	2.081	5.099	2.096
Stddev	.42	.31	.22	.15	.018	.012	.006	.032	.013
%RSD	.9965	.7684	.5445	.3821	.9536	.5796	.3075	.6236	.6227
#1	42.18	40.50	41.05	40.62	1.880	2.088	2.086	5.077	2.087
#2	41.59	40.06	40.74	40.40	1.906	2.106	2.077	5.122	2.106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/1/2010 23:41:37 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.115	2.105	2.151	2.141
Stddev	.019	.004	.013	.002
%RSD	.8799	.1753	.6211	.0728
#1	2.128	2.107	2.141	2.143
#2	2.102	2.102	2.160	2.140
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80898.	38924.	1765.1	5312.0
Stddev	375.	416.	9.0	22.4
%RSD	.46303	1.0682	.51256	.42263
#1	80633.	38630.	1771.5	5327.9
#2	81163.	39218.	1758.7	5296.1

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 23:47:25 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0000	.0002	.0006	.0000	-.0005	.0000
Stddev	.000	.0000	.000	.0002	.0003	.0000	.0000	.0001	.0001
%RSD	528.6	3.435	240.9	831.3	139.7	6.436	73.83	11.56	7162.
#1	.0000	.0000	.0000	.0002	.0004	.0006	.0001	-.0006	-.0001
#2	.0000	.0000	-.0001	-.0001	.0000	.0006	.0000	-.0005	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0002	.0003	F .0020	.0001	.0003	-.0003	.0033	-.0040
Stddev	.0001	.0000	.0003	.0002	.0001	.0012	.0001	.0000	.0000
%RSD	185.7	20.71	94.14	11.19	156.5	455.7	34.53	.1877	.1084
#1	.0000	.0002	.0001	.0019	.0002	.0012	-.0004	.0033	-.0040
#2	-.0002	.0002	.0006	.0022	.0000	-.0006	-.0002	.0033	-.0040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0028	.0256	.0097	.0002	.0015	-.0001	.0035	-.0001
Stddev	.0002	.0061	.0044	.0023	.0002	.0004	.0000	.0005	.0008
%RSD	8.108	214.8	17.10	23.29	73.62	29.93	36.60	12.91	779.0
#1	.0022	.0072	.0287	.0113	.0001	.0018	-.0001	.0032	-.0006
#2	.0025	-.0015	.0225	.0081	.0003	.0012	-.0001	.0038	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/1/2010 23:47:25 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0003	.0006	.0007
Stddev	.000	.0001	.0006	.0002
%RSD	34800.	48.93	107.7	20.72
#1	.0000	.0004	.0011	.0008
#2	.0000	.0002	.0001	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83718.	39234.	1844.6	5726.2
Stddev	85.	21.	7.3	32.8
%RSD	.10117	.05308	.39688	.57202
#1	83658.	39220.	1849.8	5749.4
#2	83777.	39249.	1839.4	5703.1

Zoom In Zoom Out

Sample Name: MP55911-MB1CONF Acquired: 12/1/2010 23:53:29 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0002	.0000	-.0001	.0002	.0002	.0006	.0002	-.0004	-.0001
Stddev	.0000	.000	.0001	.0000	.0000	.0001	.0000	.0001	.0002
%RSD	2.004	6.958	44.13	12.30	7.981	10.97	17.25	18.87	127.9
#1	.0002	.0000	-.0001	.0002	.0002	.0006	.0002	-.0004	.0000
#2	.0002	.0000	-.0002	.0002	.0002	.0007	.0002	-.0003	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0005	.0006	.0035	.0016	-.0014	-.0011	.0108	-.0061
Stddev	.000	.0001	.0004	.0000	.0003	.0001	.0003	.0002	.0007
%RSD	382.6	9.193	65.19	.7904	17.74	5.914	24.24	2.116	11.20
#1	.0000	.0005	.0003	.0035	.0014	-.0014	-.0009	.0106	-.0056
#2	.0000	.0006	.0008	.0035	.0018	-.0015	-.0013	.0110	-.0066

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0122	.0070	.0226	-.0053	-.0001	.0002	-.0006	.0032	.0086
Stddev	.0002	.0039	.0003	.0010	.0007	.0000	.0000	.0000	.0012
%RSD	1.702	55.39	1.156	17.95	563.5	17.95	.0031	.8800	13.62
#1	.0120	.0097	.0224	-.0060	-.0006	.0002	-.0006	.0032	.0094
#2	.0123	.0043	.0228	-.0047	.0004	.0002	-.0006	.0032	.0078

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0004	-.0079	.0006
Stddev	.000	.0000	.0006	.0000
%RSD	7.423	.4813	7.389	2.861
#1	.0000	.0004	-.0075	.0006
#2	.0000	.0004	-.0083	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84918.	39862.	1813.5	5685.1
Stddev	192.	57.	3.3	15.4
%RSD	.22657	.14341	.18266	.27157
#1	85054.	39821.	1815.9	5696.0
#2	84782.	39902.	1811.2	5674.2

Zoom In Zoom Out

Sample Name: JA62308-1A Acquired: 12/1/2010 23:59:29 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.3908	.0000	.0458	.0056	.0266	.3671	.5289	.0497	.0031
Stddev	.0024	.0000	.0003	.0001	.0003	.0008	.0016	.0004	.0001
%RSD	.6218	33.84	.5765	2.201	1.257	.2090	.3066	.8850	3.889
#1	.3891	.0001	.0456	.0057	.0268	.3666	.5300	.0494	.0032
#2	.3925	.0000	.0460	.0055	.0263	.3677	.5277	.0500	.0030

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0051	5.113	.0671	.0042	14.56	.0015	.5132	4.373	39.28
Stddev	.0007	.022	.0006	.0004	.05	.0009	.0035	.035	.05
%RSD	13.09	.4325	.8431	10.12	.3533	55.54	.6884	.8098	.1315
#1	.0046	5.097	.0667	.0039	14.52	.0021	.5107	4.348	39.24
#2	.0056	5.129	.0675	.0045	14.60	.0009	.5157	4.398	39.32

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	21.11	5.416	51.41	26.62	.0680	.0130	.0018	1.503	.2143
Stddev	.12	.034	.31	.21	.0005	.0000	.0008	.004	.0010
%RSD	.5679	.6259	.5993	.7780	.7403	.2375	42.69	.2514	.4873
#1	21.02	5.392	51.20	26.47	.0676	.0130	.0013	1.505	.2136
#2	21.19	5.440	51.63	26.77	.0683	.0130	.0024	1.500	.2151

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1198	.4401	.0324	.0186
Stddev	.0006	.0007	.0004	.0020
%RSD	.5273	.1593	1.156	10.73
#1	.1193	.4396	.0327	.0200
#2	.1202	.4406	.0321	.0172

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83214.	38823.	1759.7	5460.9
Stddev	94.	24.	11.2	28.9
%RSD	.11281	.06154	.63557	.52949
#1	83280.	38840.	1767.6	5481.4
#2	83148.	38806.	1751.8	5440.5

Zoom In Zoom Out

Sample Name: JA62308-2A Acquired: 12/2/2010 0:05:23 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.3162	.0000	.0176	.0038	.0181	.1487	.4504	.0265	.0016
Stddev	.0023	.0000	.0001	.0000	.0005	.0002	.0000	.0001	.0001
%RSD	.7185	271.1	.7840	.4749	2.819	.1470	.0065	.3171	8.507
#1	.3146	.0000	.0175	.0037	.0178	.1488	.4504	.0265	.0017
#2	.3178	.0000	.0177	.0038	.0185	.1485	.4503	.0266	.0015

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0034	2.992	.0422	.0045	9.696	-.0005	.3139	3.239	20.31
Stddev	.0001	.011	.0003	.0007	.045	.0001	.0026	.014	.00
%RSD	1.956	.3747	.5931	16.05	.4650	18.67	.8370	.4185	.0239
#1	.0034	2.984	.0420	.0040	9.664	-.0004	.3120	3.229	20.31
#2	.0035	3.000	.0424	.0050	9.728	-.0006	.3158	3.248	20.31

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	11.63	4.889	38.89	4.004	.0301	.0063	.0004	1.045	.1349
Stddev	.07	.004	.26	.036	.0004	.0001	.0008	.001	.0021
%RSD	.5648	.0766	.6686	.8887	1.218	1.626	187.2	.0891	1.534
#1	11.59	4.886	38.70	3.979	.0303	.0062	-.0001	1.046	.1334
#2	11.68	4.891	39.07	4.029	.0298	.0064	.0010	1.044	.1364

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0844	.3402	.0140	.0139
Stddev	.0008	.0008	.0000	.0002
%RSD	.9546	.2330	.1982	1.168
#1	.0839	.3396	.0140	.0140
#2	.0850	.3407	.0140	.0138

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84100.	39430.	1774.2	5533.2
Stddev	108.	112.	11.6	31.6
%RSD	.12818	.28289	.65480	.57052
#1	84176.	39508.	1782.4	5555.5
#2	84024.	39351.	1766.0	5510.9

Zoom In Zoom Out

Sample Name: JA62308-3A Acquired: 12/2/2010 0:11:19 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.6456	.0002	.1180	.0184	.1677	1.243	.8709	.1949	.0069
Stddev	.0025	.0000	.0009	.0002	.0003	.001	.0026	.0017	.0001
%RSD	.3902	7.474	.7887	1.101	.1707	.0747	.2989	.8946	1.126
#1	.6438	.0002	.1174	.0183	.1679	1.244	.8727	.1936	.0069
#2	.6474	.0002	.1187	.0185	.1675	1.243	.8690	.1961	.0068

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0169	14.68	.2121	.0048	55.58	.0101	1.436	15.23	52.33
Stddev	.0001	.11	.0023	.0002	.36	.0011	.014	.04	.25
%RSD	.4115	.7169	1.102	3.755	.6497	10.92	1.005	.2353	.4736
#1	.0168	14.61	.2104	.0050	55.33	.0093	1.426	15.20	52.16
#2	.0169	14.76	.2137	.0047	55.84	.0109	1.446	15.25	52.51

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	81.58	6.700	27.14	19.37	.1033	.0344	.0066	1.902	.5919
Stddev	.46	.025	.07	.03	.0002	.0002	.0005	.017	.0049
%RSD	.5647	.3656	.2486	.1556	.2260	.6035	8.070	.8728	.8238
#1	81.26	6.683	27.19	19.40	.1035	.0342	.0063	1.890	.5885
#2	81.91	6.717	27.09	19.35	.1032	.0345	.0070	1.913	.5954

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1755	1.433	.1157	.0541
Stddev	.0007	.001	.0005	.0004
%RSD	.4118	.0863	.4599	.6724
#1	.1750	1.434	.1153	.0539
#2	.1760	1.432	.1161	.0544

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82956.	39156.	1741.6	5385.7
Stddev	63.	35.	16.4	41.5
%RSD	.07556	.08991	.93944	.77000
#1	83000.	39181.	1753.2	5415.0
#2	82912.	39131.	1730.0	5356.4

Zoom In Zoom Out

Sample Name: JA62308-4A Acquired: 12/2/2010 0:17:10 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.7814	.0003	.1432	.0262	.1088	1.274	.9785	.1957	.0083
Stddev	.0047	.0000	.0002	.0000	.0002	.001	.0009	.0002	.0000
%RSD	.6007	7.814	.1455	.1803	.1787	.0539	.0944	.0815	.2423
#1	.7781	.0003	.1431	.0262	.1086	1.274	.9779	.1956	.0083
#2	.7847	.0003	.1434	.0263	.1089	1.274	.9792	.1958	.0083

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0252	21.41	.3269	.0041	80.53	.0133	2.023	24.14	53.61
Stddev	.0002	.01	.0003	.0001	.01	.0001	.001	.18	.23
%RSD	.7572	.0697	.0955	1.539	.0144	.5862	.0240	.7371	.4226
#1	.0251	21.40	.3272	.0041	80.54	.0133	2.023	24.01	53.45
#2	.0254	21.42	.3267	.0042	80.52	.0134	2.023	24.26	53.77

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	81.81	6.181	29.28	18.45	.1210	.0414	.0062	1.997	.9016
Stddev	.44	.024	.27	.20	.0006	.0001	.0002	.014	.0003
%RSD	.5324	.3882	.9281	1.062	.5134	.3295	3.396	.7187	.0288
#1	81.50	6.164	29.08	18.31	.1214	.0414	.0064	2.007	.9017
#2	82.11	6.198	29.47	18.59	.1206	.0413	.0061	1.986	.9014

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2146	2.056	.1623	.0865
Stddev	.0011	.003	.0007	.0000
%RSD	.5060	.1462	.4436	.0097
#1	.2138	2.054	.1618	.0865
#2	.2153	2.058	.1628	.0865

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82904.	39076.	1741.3	5379.1
Stddev	161.	98.	1.3	.9
%RSD	.19423	.25158	.07294	.01738
#1	83017.	39146.	1740.4	5378.5
#2	82790.	39006.	1742.2	5379.8

Zoom In Zoom Out

Sample Name: JA62308-3A Acquired: 12/2/2010 0:23:01 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.6590	.0002	.1168	.0185	.1749	1.247	.9009	.2027	.0073
Stddev	.0027	.0000	.0009	.0001	.0000	.006	.0026	.0011	.0001
%RSD	.4030	8.976	.7979	.4438	.0137	.5116	.2856	.5403	1.332
#1	.6572	.0002	.1162	.0185	.1748	1.251	.9028	.2019	.0072
#2	.6609	.0002	.1175	.0186	.1749	1.242	.8991	.2035	.0073

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0179	15.26	.2077	.0026	56.35	.0104	1.438	15.30	54.63
Stddev	.0002	.11	.0032	.0007	.40	.0021	.018	.08	.04
%RSD	1.058	.7459	1.559	27.48	.7122	20.35	1.242	.4951	.0671
#1	.0180	15.18	.2054	.0021	56.07	.0119	1.425	15.25	54.60
#2	.0178	15.34	.2100	.0031	56.64	.0089	1.450	15.36	54.66

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	84.91	6.893	27.22	19.33	.1002	.0348	.0096	1.978	.6001
Stddev	.35	.018	.25	.17	.0006	.0006	.0001	.015	.0036
%RSD	.4076	.2683	.9130	.8924	.5531	1.686	.5402	.7790	.5982
#1	84.67	6.880	27.05	19.21	.0998	.0344	.0096	1.967	.5975
#2	85.16	6.906	27.40	19.45	.1006	.0352	.0096	1.989	.6026

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1825	1.489	.1046	.0564
Stddev	.0011	.001	.0001	.0004
%RSD	.5934	.0893	.0587	.7205
#1	.1818	1.490	.1046	.0566
#2	.1833	1.488	.1045	.0561

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82684.	39084.	1783.4	5508.9
Stddev	181.	34.	20.1	50.9
%RSD	.21844	.08651	1.1295	.92335
#1	82556.	39060.	1797.6	5544.9
#2	82811.	39108.	1769.2	5473.0

Zoom In Zoom Out

Sample Name: JA62308-4A Acquired: 12/2/2010 0:28:54 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 3.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.7954	.0003	.1399	.0263	.1139	1.236	1.009	.2092	.0087
Stddev	.0019	.0000	.0001	.0003	.0004	.001	.003	.0003	.0001
%RSD	.2333	.9294	.0675	1.148	.3533	.0822	.3067	.1636	1.429
#1	.7941	.0003	.1398	.0261	.1142	1.237	1.007	.2094	.0087
#2	.7967	.0003	.1399	.0265	.1136	1.236	1.012	.2089	.0086

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0258	22.80	.3181	.0017	82.07	.0132	2.002	23.98	54.96
Stddev	.0002	.01	.0002	.0002	.00	.0026	.009	.01	.08
%RSD	.6785	.0392	.0744	10.17	.0018	19.72	.4682	.0459	.1414
#1	.0257	22.79	.3179	.0018	82.07	.0113	1.996	23.97	54.90
#2	.0259	22.81	.3183	.0016	82.07	.0150	2.009	23.99	55.01

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	85.47	6.332	29.49	18.35	.1159	.0413	.0093	2.044	.9134
Stddev	.29	.007	.06	.01	.0012	.0002	.0004	.016	.0011
%RSD	.3407	.1064	.2083	.0608	1.040	.5277	4.400	.7612	.1161
#1	85.26	6.327	29.45	18.34	.1150	.0414	.0096	2.033	.9141
#2	85.68	6.337	29.53	18.35	.1167	.0411	.0090	2.055	.9126

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2199	2.120	.1378	.0888
Stddev	.0004	.003	.0002	.0001
%RSD	.1807	.1344	.1788	.0979
#1	.2196	2.118	.1380	.0889
#2	.2202	2.122	.1376	.0888

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83595.	39211.	1802.4	5563.2
Stddev	7.	51.	9.7	11.3
%RSD	.00806	.13003	.54051	.20362
#1	83590.	39175.	1809.3	5571.2
#2	83599.	39248.	1795.5	5555.2

Zoom In Zoom Out

Sample Name: MP55864-MB1CONF Acquired: 12/2/2010 0:34:48 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0002	-.0001	.0001	.0001	.0004	.0006	.0002	.0132	-.0001
Stddev	.0000	.0000	.0000	.0001	.0002	.0001	.0001	.0001	.0001
%RSD	6.938	6.254	56.58	78.29	41.53	18.63	32.84	.5085	104.0
#1	.0002	-.0001	.0001	.0001	.0003	.0007	.0002	.0132	.0000
#2	.0002	-.0001	.0000	.0000	.0005	.0005	.0002	.0131	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0212	-.0002	.0002	.0008	.0004	.0007	.0057	.1109
Stddev	.000	.0001	.0000	.0001	.0004	.0008	.0001	.0003	.0026
%RSD	291.1	.5151	8.091	62.21	44.88	210.8	20.41	5.938	2.334
#1	.0000	.0211	-.0001	.0003	.0010	-.0002	.0006	.0055	.1091
#2	-.0001	.0213	-.0002	.0001	.0005	.0010	.0008	.0060	.1127

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0122	.0065	.0200	.0108	-.0005	-.0002	.0005	.0104	.0000
Stddev	.0008	.0027	.0010	.0012	.0001	.0000	.0001	.0004	.0008
%RSD	6.784	42.21	4.758	11.15	25.25	4.362	19.89	4.074	3108.
#1	.0128	.0045	.0194	.0099	-.0006	-.0002	.0005	.0101	-.0005
#2	.0116	.0084	.0207	.0116	-.0004	-.0002	.0004	.0107	.0006

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	.0006	-.0067	-.0001
Stddev	.0000	.0001	.0002	.0000
%RSD	23.02	10.60	2.450	53.22
#1	.0001	.0006	-.0066	.0000
#2	.0001	.0007	-.0069	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84283.	39167.	1839.2	5690.6
Stddev	1.	58.	1.0	.3
%RSD	.00083	.14888	.05275	.00605
#1	84283.	39209.	1839.9	5690.9
#2	84282.	39126.	1838.5	5690.4

Zoom In Zoom Out

Sample Name: JA61853-20 Acquired: 12/2/2010 0:40:52 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5479	.0000	-.0001	-.0003	.0012	.0008	.0812	.0014	.0000
Stddev	.0014	.000	.0001	.0001	.0001	.0002	.0007	.0000	.0002
%RSD	.2529	61.11	84.84	22.26	9.259	31.05	.8351	2.676	625.4
#1	.5488	.0000	-.0002	-.0003	.0013	.0006	.0817	.0014	-.0001
#2	.5469	-.0001	.0000	-.0004	.0011	.0010	.0808	.0014	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0040	.0012	.0003	-.0024	.0007	-.0005	.0002	.2586	48.29
Stddev	.0001	.0001	.0009	.0003	.0009	.0006	.0003	.0065	.01
%RSD	1.571	7.137	249.9	12.31	134.7	129.2	125.9	2.530	.0293
#1	.0040	.0012	.0009	-.0021	.0013	-.0010	.0004	.2632	48.28
#2	.0039	.0013	-.0003	-.0026	.0000	.0000	.0000	.2540	48.30

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	8.375	8.914	1.072	10.96	.0288	.0003	.0003	8.483	-.0031
Stddev	.004	.041	.011	.04	.0002	.0001	.0006	.011	.0001
%RSD	.0485	.4609	1.006	.3276	.6600	17.32	225.4	.1275	3.718
#1	8.378	8.943	1.080	10.98	.0287	.0004	-.0001	8.476	-.0032
#2	8.372	8.885	1.065	10.93	.0289	.0003	.0007	8.491	-.0030

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1240	-.0018	.0052	.0003
Stddev	.0005	.0000	.0002	.0001
%RSD	.4395	1.281	3.325	37.17
#1	.1244	-.0018	.0050	.0004
#2	.1237	-.0018	.0053	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81555.	38778.	1761.5	5504.9
Stddev	858.	191.	3.3	14.0
%RSD	1.0523	.49379	.18767	.25355
#1	80948.	38643.	1763.9	5514.8
#2	82162.	38914.	1759.2	5495.0

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 0:46:52 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.104	2.138	2.094	2.119	2.142	2.010	2.112	2.036	.2672
Stddev	.009	.012	.004	.003	.012	.005	.011	.001	.0017
%RSD	.4182	.5420	.1702	.1610	.5411	.2523	.5133	.0286	.6435
#1	2.098	2.130	2.091	2.116	2.134	2.006	2.104	2.035	.2660
#2	2.111	2.147	2.096	2.121	2.150	2.013	2.120	2.036	.2685
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.079	2.115	2.073	2.141	2.001	2.069	2.107	41.14	41.69
Stddev	.009	.002	.004	.011	.003	.001	.003	.13	.29
%RSD	.4108	.0861	.1869	.5333	.1328	.0275	.1609	.3169	.7055
#1	2.073	2.113	2.071	2.133	1.999	2.069	2.104	41.05	41.48
#2	2.085	2.116	2.076	2.149	2.003	2.069	2.109	41.23	41.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.64	40.93	41.54	41.33	1.878	2.102	2.065	5.105	2.102
Stddev	.29	.32	.15	.06	.003	.005	.006	.008	.001
%RSD	.6834	.7845	.3641	.1454	.1444	.2561	.2898	.1543	.0362
#1	42.43	40.70	41.44	41.29	1.876	2.098	2.061	5.100	2.101
#2	42.84	41.16	41.65	41.38	1.880	2.106	2.069	5.111	2.102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 0:46:52 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.155	2.080	2.159	2.117
Stddev	.010	.011	.009	.009
%RSD	.4552	.5191	.4379	.4118
#1	2.148	2.073	2.152	2.110
#2	2.162	2.088	2.165	2.123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81810.	38642.	1770.2	5325.1
Stddev	128.	40.	1.9	5.9
%RSD	.15648	.10224	.10913	.11019
#1	81900.	38669.	1771.6	5329.2
#2	81719.	38614.	1768.8	5320.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 0:52:41 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0001	.0000	.0005	.0000	-.0007	-.0001
Stddev	.000	.000	.000	.0001	.000	.0001	.0001	.0000	.0001
%RSD	66.30	16.28	317.8	201.3	798.5	33.02	485.3	1.315	96.93
#1	.0000	.0000	-.0001	.0001	-.0001	.0006	.0000	-.0007	.0000
#2	.0000	.0000	.0000	.0000	.0000	.0003	.0001	-.0007	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0004	.0001	.0014	.0001	.0007	-.0001	-.0013	-.0037
Stddev	.0000	.0002	.0003	.0003	.0004	.0001	.0003	.0013	.0004
%RSD	76.52	55.36	238.8	21.91	720.4	15.13	216.9	104.5	10.23
#1	-.0001	.0005	-.0001	.0012	-.0002	.0008	.0001	-.0003	-.0039
#2	.0000	.0002	.0003	.0016	.0003	.0006	-.0004	-.0022	-.0034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	-.0013	.0266	-.0125	.0004	.0015	.0001	.0034	-.0002
Stddev	.0004	.0110	.0004	.0024	.0002	.0003	.0002	.0002	.0003
%RSD	20.15	822.2	1.455	19.15	55.46	19.16	472.5	5.894	155.5
#1	.0019	-.0091	.0263	-.0142	.0002	.0017	-.0001	.0036	.0000
#2	.0025	.0064	.0268	-.0108	.0005	.0013	.0002	.0033	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 0:52:41 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0005	.0014	.0007
Stddev	.000	.0002	.0013	.0002
%RSD	67.49	43.74	92.50	24.57
#1	.0000	.0006	.0024	.0008
#2	.0000	.0003	.0005	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83582.	39111.	1838.9	5706.2
Stddev	458.	141.	5.0	12.1
%RSD	.54791	.36063	.27275	.21149
#1	83258.	39211.	1842.4	5714.8
#2	83906.	39012.	1835.3	5697.7

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 0:58:46 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0042	.0000	-.0007	.0017	-.0004	.0014	-.0004	.0002	-.0010
Stddev	.0000	.000	.0004	.0002	.0003	.0001	.0001	.0007	.0001
%RSD	.8365	21.13	58.48	9.797	73.78	9.375	34.37	364.5	10.96
#1	-.0043	.0000	-.0004	.0018	-.0002	.0015	-.0005	-.0003	-.0011
#2	-.0042	.0000	-.0010	.0016	-.0006	.0013	-.0003	.0007	-.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	-.0019	.0035	.0007	-.0023	.0022	-.0008	515.6	393.9
Stddev	.0002	.0000	.0004	.0009	.0008	.0003	.0024	1.7	.2
%RSD	10.09	1.575	11.59	134.9	35.13	12.69	311.4	.3312	.0408
#1	.0019	-.0019	.0038	.0013	-.0029	.0024	.0009	514.4	394.0
#2	.0017	-.0019	.0032	.0000	-.0018	.0020	-.0025	516.8	393.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	193.7	533.0	-.0110	.4214	-.0033	.0018	-.0260	-.0107	-.0080
Stddev	2.0	.5	.0018	.0005	.0007	.0004	.0036	.0005	.0004
%RSD	1.007	.0940	16.45	.1116	22.04	22.82	13.68	4.214	5.355
#1	192.3	532.6	-.0122	.4211	-.0027	.0021	-.0285	-.0104	-.0083
#2	195.1	533.3	-.0097	.4218	-.0038	.0015	-.0234	-.0111	-.0077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 0:58:46 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	.0035	.0352	.0050
Stddev	.0000	.0003	.0012	.0002
%RSD	1.018	9.983	3.277	3.023
#1	.0006	.0037	.0344	.0049
#2	.0006	.0032	.0361	.0051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75676.	36593.	1616.3	4591.9
Stddev	238.	9.	3.5	3.6
%RSD	.31493	.02344	.21423	.07880
#1	75508.	36587.	1618.7	4589.3
#2	75845.	36599.	1613.8	4594.4

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 1:04:59 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5390	.5236	1.118	.5000	.5305	.5359	.5301	1.007	1.175
Stddev	.0005	.0017	.002	.0008	.0006	.0008	.0004	.001	.001
%RSD	.1020	.3266	.1756	.1690	.1111	.1419	.0795	.1417	.0384
#1	.5386	.5224	1.116	.4994	.5301	.5354	.5298	1.008	1.175
#2	.5393	.5248	1.119	.5006	.5309	.5365	.5304	1.006	1.175
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5042	.9477	1.070	1.041	1.005	1.026	1.105	533.0	406.2
Stddev	.0011	.0002	.004	.004	.004	.009	.006	4.4	3.9
%RSD	.2169	.0207	.3999	.3588	.4197	.9228	.5592	.8261	.9527
#1	.5034	.9478	1.067	1.039	1.002	1.019	1.101	529.9	403.4
#2	.5050	.9475	1.074	1.044	1.008	1.033	1.109	536.1	408.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	196.3	544.1	-.0177	.4670	-.0200	.5208	.5688	-.0094	-.0069
Stddev	1.5	1.1	.0041	.0053	.0007	.0011	.0012	.0000	.0002
%RSD	.7889	.1988	23.00	1.142	3.737	.2103	.2178	.1785	2.439
#1	195.2	543.3	-.0206	.4632	-.0194	.5200	.5680	-.0094	-.0070
#2	197.4	544.9	-.0148	.4707	-.0205	.5216	.5697	-.0094	-.0068
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 1:04:59 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0007	.0038	.5540	.4616
Stddev	.0001	.0003	.0038	.0073
%RSD	15.96	6.557	.6771	1.577
#1	.0007	.0040	.5514	.4565
#2	.0006	.0036	.5567	.4668
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75768.	36462.	1610.9	4567.3
Stddev	61.	14.	8.2	14.4
%RSD	.08032	.03767	.50757	.31463
#1	75811.	36453.	1616.7	4577.4
#2	75725.	36472.	1605.1	4557.1

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 1:11:06 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.135	2.177	2.090	2.117	F 2.216	2.064	2.186	2.037	.2744
Stddev	.045	.060	.000	.002	.079	.072	.073	.002	.0097
%RSD	2.113	2.737	.0133	.0798	3.543	3.496	3.364	.0805	3.545
#1	2.104	2.135	2.090	2.116	2.271	2.115	2.238	2.036	.2813
#2	2.167	2.220	2.090	2.118	2.160	2.013	2.134	2.038	.2676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					2.000				
Range					10.00%				

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.147	2.111	2.069	2.141	1.999	2.064	2.102	41.71	42.52
Stddev	.075	.001	.003	.006	.002	.000	.000	.99	1.64
%RSD	3.491	.0484	.1323	.3003	.0953	.0198	.0149	2.365	3.867
#1	2.200	2.112	2.068	2.137	2.001	2.064	2.102	41.01	41.36
#2	2.094	2.111	2.071	2.146	1.998	2.064	2.102	42.41	43.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.52	41.81	42.17	41.79	1.876	2.102	2.118	5.099	2.102
Stddev	1.37	1.35	.74	.80	.006	.004	.069	.004	.002
%RSD	3.148	3.216	1.754	1.905	.3013	.1881	3.237	.0728	.1023
#1	42.55	40.86	41.65	41.23	1.880	2.099	2.167	5.096	2.101
#2	44.49	42.76	42.70	42.36	1.872	2.105	2.070	5.102	2.104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 1:11:06 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.162	2.150	2.171	F 2.207
Stddev	.010	.074	.005	.085
%RSD	.4784	3.435	.2339	3.856
#1	2.155	2.202	2.167	2.267
#2	2.169	2.097	2.174	2.147
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				2.000
Range				10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80177.	38122.	1776.7	5340.4
Stddev	2620.	777.	.8	1.5
%RSD	3.2676	2.0387	.04546	.02787
#1	78324.	38672.	1776.1	5341.4
#2	82029.	37573.	1777.2	5339.3

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 1:16:58 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0001	.0002	.0000	.0004	.0000	-.0005	-.0001
Stddev	.0000	.000	.0001	.0001	.0001	.0001	.0000	.0000	.0000
%RSD	22.09	108.3	97.96	39.09	567.2	38.28	69.82	2.373	55.24
#1	.0000	.0000	.0002	.0003	.0001	.0004	.0000	-.0005	-.0001
#2	.0000	.0000	.0000	.0002	-.0001	.0003	.0000	-.0005	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0003	.0007	.0011	.0000	.0009	-.0002	-.0006	-.0039
Stddev	.0001	.0001	.0003	.0001	.0001	.0004	.0004	.0040	.0002
%RSD	102.7	22.28	43.68	6.610	672.3	45.30	225.3	689.5	4.997
#1	.0000	.0002	.0009	.0011	-.0001	.0012	.0001	-.0034	-.0040
#2	.0002	.0003	.0005	.0010	.0001	.0006	-.0004	.0022	-.0037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031	.0031	.0135	-.0134	.0000	.0017	.0008	.0041	.0004
Stddev	.0003	.0065	.0022	.0006	.0001	.0004	.0001	.0001	.0003
%RSD	9.111	207.9	16.21	4.596	125.5	26.82	18.84	2.384	79.85
#1	.0033	-.0015	.0151	-.0138	.0001	.0020	.0009	.0040	.0006
#2	.0029	.0077	.0120	-.0130	.0000	.0014	.0007	.0041	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 1:16:58 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0005	.0045	.0009
Stddev	.0000	.0002	.0007	.0000
%RSD	134.4	43.48	14.42	5.355
#1	.0000	.0003	.0050	.0009
#2	.0000	.0006	.0041	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84406.	39356.	1844.5	5699.8
Stddev	153.	34.	1.2	9.6
%RSD	.18100	.08741	.06301	.16785
#1	84298.	39332.	1845.3	5693.0
#2	84514.	39381.	1843.7	5706.5

Zoom In Zoom Out

Sample Name: as5ppmconf Acquired: 12/2/2010 1:23:01 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	-.0001	.0003	.0001	-.0001	.0004	-.0010	-.0008	.0001
Stddev	.0000	.0000	.0003	.0001	.0001	.0000	.0000	.0000	.0001
%RSD	35.50	.1251	94.09	101.7	78.00	3.385	4.267	4.997	66.67
#1	.0000	-.0001	.0001	.0000	-.0001	.0004	-.0009	-.0008	.0001
#2	.0000	-.0001	.0006	.0001	.0000	.0004	-.0010	-.0007	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	.0004	4.850	.0012	.0000	-.0011	-.0001	.0012	-.0070
Stddev	.0002	.0001	.026	.0007	.000	.0005	.0001	.0013	.0022
%RSD	123.8	21.60	.5415	54.10	1062.	43.44	90.75	112.4	32.03
#1	.0000	.0003	4.832	.0008	-.0002	-.0008	-.0002	.0002	-.0054
#2	-.0002	.0004	4.869	.0017	.0002	-.0015	-.0001	.0021	-.0086

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0012	.0027	.0133	-.0195	-.0006	.0004	.0003	.0092	-.0006
Stddev	.0001	.0039	.0036	.0017	.0001	.0001	.0001	.0000	.0002
%RSD	8.144	145.4	27.01	8.788	21.35	12.64	35.78	.4282	33.74
#1	.0012	-.0001	.0159	-.0207	-.0007	.0005	.0002	.0092	-.0004
#2	.0013	.0054	.0108	-.0183	-.0005	.0004	.0003	.0093	-.0007

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	-.0001	.0243	.0003
Stddev	.000	.0000	.0003	.0001
%RSD	128.4	13.40	1.131	20.83
#1	.0000	-.0001	.0241	.0004
#2	.0000	-.0001	.0245	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83177.	40228.	1851.8	5752.3
Stddev	1040.	1275.	11.0	21.0
%RSD	1.2504	3.1686	.59608	.36581
#1	82441.	39327.	1859.7	5767.2
#2	83912.	41130.	1844.0	5737.5

Zoom In Zoom Out

Sample Name: si10ppmconf Acquired: 12/2/2010 1:29:02 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0000	.0001	.0000	.0000	-.0008	-.0004	-.0003	-.0002
Stddev	.0000	.000	.0001	.0001	.0003	.0002	.0001	.0002	.0000
%RSD	2.116	81.38	52.04	216.4	800.5	26.30	15.25	72.33	13.19
#1	.0000	.0000	.0001	.0000	-.0002	-.0007	-.0005	-.0004	-.0002
#2	.0000	-.0001	.0001	.0001	.0002	-.0009	-.0004	-.0001	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0007	-.0003	.0000	.0005	.0005	-.0001	-.0212	-.0082
Stddev	.000	.0000	.0006	.001	.0007	.0002	.0003	.0015	.0002
%RSD	168.7	3.043	191.5	1936.	130.5	39.87	568.1	6.904	2.227
#1	.0000	.0007	.0001	.0004	.0000	.0003	.0002	-.0222	-.0083
#2	.0000	.0008	-.0008	-.0005	.0010	.0006	-.0003	-.0202	-.0081

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0129	-.0035	.0427	-.0188	.0012	.0003	-.0003	9.755	-.0011
Stddev	.0002	.0068	.0010	.0035	.0001	.0001	.0000	.019	.0003
%RSD	1.277	194.8	2.414	18.90	11.75	44.75	3.413	.1920	32.43
#1	.0131	-.0083	.0419	-.0213	.0011	.0004	-.0003	9.742	-.0013
#2	.0128	.0013	.0434	-.0163	.0013	.0002	-.0003	9.768	-.0008

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	-.0088	.0082	.0113
Stddev	.000	.0002	.0009	.0027
%RSD	80.00	2.739	11.00	23.79
#1	.0000	-.0087	.0076	.0131
#2	.0000	-.0090	.0088	.0094

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84420.	39478.	1850.8	5735.7
Stddev	199.	75.	4.0	10.1
%RSD	.23594	.18973	.21808	.17691
#1	84561.	39425.	1853.6	5742.8
#2	84279.	39531.	1847.9	5728.5

Zoom In Zoom Out

Sample Name: mn10ppmconf Acquired: 12/2/2010 1:35:02 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	-.0001	.0003	.0002	.0001	-.0011	.0001	9.491	-.0005	.0005
Stddev	.0000	.0000	.0000	.0001	.0004	.0000	.224	.0000	.0001
%RSD	27.75	1.750	12.07	70.20	33.69	23.59	2.358	2.873	15.29
#1	.0000	.0003	.0002	.0002	-.0014	.0002	9.649	-.0005	.0004
#2	-.0001	.0003	.0002	.0001	-.0009	.0001	9.333	-.0005	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0003	-.0020	.0003	.0008	.0003	.0001	-.0001	.0011	-.0088
Stddev	.0000	.0001	.0005	.0005	.0004	.0001	.0002	.0015	.0006
%RSD	1.761	4.397	178.9	59.55	136.0	117.8	339.7	137.7	6.837
#1	.0003	-.0020	-.0001	.0005	.0006	.0002	-.0002	.0000	-.0084
#2	.0003	-.0019	.0007	.0012	.0000	.0000	.0001	.0021	-.0092

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0007	.0196	.0008	-.0205	-.0006	-.0006	-.0015	.0005	-.0055
Stddev	.0010	.0023	.0107	.0012	.0002	.0000	.0002	.0002	.0001
%RSD	144.0	11.85	1266.	5.983	33.56	.7019	13.85	32.04	2.518
#1	.0000	.0213	.0084	-.0213	-.0008	-.0006	-.0016	.0004	-.0056
#2	.0014	.0180	-.0067	-.0196	-.0005	-.0007	-.0013	.0007	-.0054

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	-.0002	.0043	-.0001
Stddev	.000	.0003	.0003	.0002
%RSD	3.110	167.1	6.251	133.9
#1	.0000	.0000	.0045	-.0002
#2	.0000	-.0003	.0041	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84426.	39288.	1842.5	5715.4
Stddev	68.	1.	21.9	48.0
%RSD	.08083	.00243	1.1880	.84035
#1	84378.	39287.	1858.0	5749.4
#2	84475.	39288.	1827.0	5681.5

Zoom In Zoom Out

Sample Name: fe200ppmconf Acquired: 12/2/2010 1:41:10 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	-.0001	-.0012	.0000	-.0004	.0029	.0002	-.0003	.0001
Stddev	.0000	.0000	.0001	.000	.0003	.0001	.0000	.0001	.0003
%RSD	236.3	12.53	4.705	517.7	58.71	4.444	18.09	27.40	202.0
#1	.0000	-.0001	-.0013	-.0002	-.0006	.0030	.0002	-.0002	-.0001
#2	.0000	.0000	-.0012	.0001	-.0003	.0028	.0002	-.0003	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	-.0009	.0017	.0020	-.0015	.0029	-.0011	-.0101	-.0443
Stddev	.0003	.0001	.0004	.0007	.0005	.0014	.0005	.0009	.0006
%RSD	155.7	14.17	22.48	35.20	34.75	48.81	45.60	9.399	1.398
#1	.0004	-.0010	.0014	.0025	-.0011	.0039	-.0015	-.0107	-.0448
#2	.0000	-.0008	.0020	.0015	-.0018	.0019	-.0008	-.0094	-.0439

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	201.7	-.0125	.0357	-.0149	-.0037	-.0009	.0056	.0094	-.0061
Stddev	.0	.0174	.0011	.0010	.0006	.0002	.0008	.0001	.0003
%RSD	.0157	139.3	3.217	6.995	15.37	16.89	14.98	1.545	5.008
#1	201.7	-.0248	.0365	-.0141	-.0041	-.0010	.0050	.0093	-.0064
#2	201.8	-.0002	.0349	-.0156	-.0033	-.0008	.0062	.0095	-.0059

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0003	-.0002	.0107	.0056
Stddev	.0000	.0002	.0009	.0001
%RSD	1.298	70.88	8.179	2.036
#1	.0003	-.0003	.0101	.0055
#2	.0003	-.0001	.0113	.0057

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83270.	39245.	1808.6	5583.8
Stddev	310.	256.	9.6	26.1
%RSD	.37280	.65206	.53129	.46665
#1	83051.	39064.	1815.4	5602.2
#2	83490.	39426.	1801.8	5565.4

Zoom In Zoom Out

Sample Name: ca400ppmconf Acquired: 12/2/2010 1:47:17 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0003	-.0001	-.0003	.0001	.0006	.0009	.0001	.0001	-.0005
Stddev	.0000	.0000	.0002	.0001	.0003	.0001	.0001	.0002	.0000
%RSD	15.49	10.02	61.93	210.4	42.06	8.183	131.2	171.3	8.575
#1	.0003	-.0001	-.0002	.0001	.0008	.0010	.0000	.0002	-.0004
#2	.0002	.0000	-.0004	.0000	.0004	.0009	.0001	.0000	-.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	-.0011	.0010	.0031	.0002	-.0031	-.0002	-.0474	390.1
Stddev	.000	.0001	.0006	.0006	.0003	.0022	.0002	.0061	6.6
%RSD	65360.	12.41	59.60	17.94	144.5	68.91	127.6	12.94	1.701
#1	-.0001	-.0010	.0006	.0035	.0004	-.0016	-.0003	-.0431	385.4
#2	.0001	-.0012	.0014	.0027	.0000	-.0046	.0000	-.0518	394.8

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0025	-.0015	-.0565	-.0288	.0005	-.0009	-.0026	.0064	-.0016
Stddev	.0002	.0030	.0002	.0004	.0002	.0001	.0006	.0009	.0005
%RSD	9.138	198.3	.2886	1.309	38.33	7.109	24.87	14.21	33.84
#1	.0027	-.0037	-.0566	-.0285	.0006	-.0009	-.0021	.0058	-.0020
#2	.0023	.0006	-.0564	-.0290	.0003	-.0009	-.0030	.0071	-.0012

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0002	.0029	.0048	-.0002
Stddev	.0001	.0003	.0005	.0001
%RSD	50.66	11.06	11.18	41.34
#1	.0003	.0032	.0045	-.0003
#2	.0001	.0027	.0052	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80898.	37791.	1713.7	5221.9
Stddev	72.	30.	1.3	.5
%RSD	.08931	.07905	.07410	.00901
#1	80847.	37813.	1712.8	5221.5
#2	80949.	37770.	1714.6	5222.2

Zoom In Zoom Out

Sample Name: al500ppmconf Acquired: 12/2/2010 1:53:24 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	-.0007	.0000	.0000	.0002	-.0006	-.0003	-.0016	-.0003	.0005
Stddev	.0000	.000	.000	.0002	.0001	.0000	.0000	.0001	.0002
%RSD	4.567	90.98	672.8	97.84	19.05	9.904	.6144	45.92	34.99
#1	-.0007	.0000	.0001	.0001	-.0005	-.0004	-.0016	-.0002	.0004
#2	-.0007	.0000	-.0001	.0004	-.0007	-.0003	-.0017	-.0003	.0006

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0003	.0022	.0003	.0009	.0021	-.0007	-.0013	467.5	.0148
Stddev	.0001	.0000	.0000	.0009	.0019	.0012	.0010	4.2	.0002
%RSD	24.04	2.057	9.295	91.21	89.69	173.8	81.64	.9057	1.138
#1	-.0003	.0022	.0003	.0015	.0034	.0002	-.0005	464.5	.0149
#2	-.0002	.0022	.0003	.0003	.0008	-.0015	-.0020	470.5	.0147

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0024	-.0002	.0298	.3538	-.0030	-.0089	.0008	-.0035	-.0002
Stddev	.0008	.0068	.0080	.0040	.0004	.0001	.0002	.0012	.0000
%RSD	35.41	2834.	26.83	1.132	12.81	.8636	24.87	35.22	6.790
#1	.0018	-.0050	.0242	.3509	-.0033	-.0089	.0009	-.0043	-.0002
#2	.0029	.0045	.0355	.3566	-.0027	-.0088	.0006	-.0026	-.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	.0000	-.0020	-.0001
Stddev	.0000	.000	.0015	.0001
%RSD	8.263	1952.	75.43	116.7
#1	.0001	-.0001	.0030	.0000
#2	.0001	.0001	.0009	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79415.	39589.	1866.3	5457.2
Stddev	127.	4.	1.7	4.1
%RSD	.16025	.01097	.08999	.07554
#1	79325.	39586.	1867.4	5460.1
#2	79505.	39592.	1865.1	5454.3

Zoom In Zoom Out

Sample Name: mg500ppmconf Acquired: 12/2/2010 1:59:29 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	-.0035	.0000	.0000	.0002	.0002	.0010	.0010	-.0005	.0004
Stddev	.0000	.000	.000	.0000	.0001	.0002	.0001	.0002	.0001
%RSD	1.372	21.03	1132.	3.048	79.26	16.45	9.947	31.98	36.98
#1	-.0035	.0000	.0001	.0002	.0003	.0008	.0011	-.0004	.0003
#2	-.0034	.0000	-.0001	.0002	.0001	.0011	.0009	-.0006	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0011	.0011	.0004	.0040	.0000	-.0004	-.0005	.0054	.0141
Stddev	.0001	.0000	.0006	.0002	.0003	.0006	.0010	.0004	.0013
%RSD	9.778	3.329	160.0	6.059	2419.	168.9	181.4	7.267	9.214
#1	.0010	.0011	.0008	.0042	-.0002	.0001	-.0012	.0057	.0150
#2	.0011	.0011	.0000	.0039	.0002	-.0008	.0002	.0051	.0132

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0045	515.1	.0043	-.0168	-.0009	.0122	-.0007	.0076	.0005
Stddev	.0009	.5	.0020	.0028	.0001	.0000	.0004	.0007	.0005
%RSD	19.20	.1050	45.51	16.71	14.12	.3549	52.36	9.888	86.61
#1	.0039	515.4	.0029	-.0188	-.0008	.0122	-.0010	.0070	.0009
#2	.0052	514.7	.0057	-.0148	-.0010	.0121	-.0005	.0081	.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0005	-.0034	-.0001
Stddev	.0000	.0003	.0003	.0000
%RSD	68.30	62.47	9.080	25.36
#1	.0000	.0007	-.0036	-.0001
#2	.0000	.0003	-.0032	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80570.	37844.	1722.3	5200.0
Stddev	511.	190.	2.2	3.8
%RSD	.63476	.50097	.12883	.07276
#1	80208.	37710.	1723.8	5202.7
#2	80931.	37978.	1720.7	5197.3

Zoom In Zoom Out

Sample Name: rinseconf Acquired: 12/2/2010 2:05:31 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0000	.0002	.0003	.0007	.0002	.0092	-.0001
Stddev	.0000	.000	.000	.0001	.0001	.0001	.0000	.0002	.0001
%RSD	5.125	62.31	274.3	48.33	35.59	14.68	21.59	1.770	82.46
#1	.0001	.0000	.0000	.0002	.0002	.0008	.0003	.0094	-.0002
#2	.0002	.0000	-.0001	.0001	.0004	.0006	.0002	.0091	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0002	.0245	.0001	.0000	.0001	-.0007	.0000	.0068	.1137
Stddev	.0000	.0001	.0004	.000	.0003	.0002	.001	.0002	.0009
%RSD	20.59	.5201	278.0	606.0	243.6	33.83	14420.	2.726	.7886
#1	-.0001	.0244	.0004	-.0002	-.0001	-.0008	.0003	.0069	.1130
#2	-.0002	.0246	-.0001	.0001	.0003	-.0005	-.0003	.0067	.1143

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0102	.0033	.0189	.0049	-.0005	-.0003	-.0002	.0054	-.0001
Stddev	.0008	.0096	.0086	.0008	.0002	.0001	.0006	.0003	.0000
%RSD	7.522	288.7	45.38	15.54	42.68	29.44	304.8	5.734	30.07
#1	.0108	.0101	.0128	.0044	-.0003	-.0003	-.0006	.0052	-.0001
#2	.0097	-.0035	.0249	.0055	-.0007	-.0002	.0002	.0056	-.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0001	-.0064	.0000
Stddev	.0000	.0004	.0001	.0001
%RSD	14.38	521.6	1.195	148.6
#1	.0000	.0003	-.0065	.0001
#2	.0000	-.0002	-.0063	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84062.	39089.	1847.8	5728.4
Stddev	2.	.	3.2	2.2
%RSD	.00188	.00005	.17284	.03874
#1	84061.	39089.	1850.1	5726.8
#2	84063.	39089.	1845.6	5730.0

Zoom In Zoom Out

Sample Name: rinseconf Acquired: 12/2/2010 2:11:35 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0005	.0000	.0000	.0001	.0002	.0009	.0004	.0226	-.0002
Stddev	.0000	.000	.000	.0000	.0001	.0001	.0000	.0001	.0000
%RSD	1.774	17.27	80.26	41.48	56.40	6.511	6.892	.4989	13.26
#1	.0005	.0000	.0000	.0001	.0003	.0010	.0004	.0227	-.0002
#2	.0005	.0000	.0000	.0001	.0002	.0009	.0004	.0225	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0381	.0000	.0004	.0013	-.0002	-.0010	.0098	.1727
Stddev	.0001	.0001	.000	.0001	.0002	.0010	.0001	.0028	.0015
%RSD	210.0	.2855	312.7	35.18	15.05	501.9	15.40	28.03	.8608
#1	.0000	.0382	-.0002	.0005	.0012	-.0009	-.0011	.0079	.1716
#2	.0001	.0380	.0001	.0003	.0014	.0005	-.0008	.0118	.1737

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0211	.0077	.0303	.0123	-.0004	-.0002	.0008	.0098	-.0002
Stddev	.0005	.0044	.0101	.0015	.0004	.0000	.0004	.0001	.0001
%RSD	2.584	57.01	33.41	12.30	81.13	15.50	45.56	1.338	58.17
#1	.0207	.0046	.0231	.0113	-.0007	-.0002	.0011	.0099	-.0001
#2	.0215	.0107	.0375	.0134	-.0002	-.0002	.0006	.0097	-.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	-.0001	-.0059	-.0001
Stddev	.0000	.0005	.0001	.0001
%RSD	12.34	461.7	1.930	50.44
#1	.0001	-.0004	-.0060	-.0001
#2	.0001	.0002	-.0058	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84103.	39319.	1852.7	5751.9
Stddev	234.	32.	3.3	14.1
%RSD	.27846	.08179	.18060	.24450
#1	84269.	39342.	1855.0	5761.8
#2	83938.	39296.	1850.3	5741.9

Zoom In Zoom Out

Sample Name: rinseconf Acquired: 12/2/2010 2:17:37 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0004	.0000	-.0001	.0001	.0002	.0009	.0003	.0191	.0001
Stddev	.0000	.000	.0001	.0001	.0001	.0002	.0000	.0000	.0001
%RSD	.1323	21.05	173.0	58.75	54.53	25.92	12.68	.1275	106.0
#1	.0004	.0000	.0000	.0002	.0003	.0007	.0003	.0191	.0001
#2	.0004	.0000	-.0001	.0001	.0001	.0011	.0003	.0192	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0361	.0000	.0009	.0006	.0004	-.0002	.0123	.1552
Stddev	.000	.0003	.0002	.0002	.0002	.0001	.0004	.0041	.0009
%RSD	526.6	.7436	1251.	22.94	25.57	30.32	189.0	33.62	.6002
#1	.0001	.0359	-.0001	.0007	.0005	.0003	.0001	.0153	.1559
#2	-.0001	.0363	.0002	.0010	.0007	.0005	-.0005	.0094	.1546

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0170	-.0012	.0308	.0053	-.0009	-.0002	.0003	.0106	.0001
Stddev	.0001	.0028	.0117	.0017	.0004	.0001	.0000	.0007	.0003
%RSD	.8201	235.9	37.79	31.68	41.70	64.33	6.899	6.314	232.0
#1	.0171	-.0031	.0226	.0065	-.0006	-.0003	.0002	.0110	.0004
#2	.0169	.0008	.0391	.0041	-.0012	-.0001	.0003	.0101	-.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	.0001	-.0061	.0000
Stddev	.0000	.0001	.0006	.0001
%RSD	4.540	278.1	10.07	4316.
#1	.0001	-.0001	-.0066	.0000
#2	.0001	.0002	-.0057	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84270.	39340.	1851.2	5737.8
Stddev	842.	307.	.5	5.8
%RSD	.99945	.77977	.02880	.10023
#1	84866.	39123.	1850.8	5733.7
#2	83674.	39557.	1851.6	5741.9

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 2:23:40 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.127	2.157	2.109	2.141	2.171	2.020	2.135	2.044	.2712
Stddev	.006	.011	.003	.004	.006	.002	.004	.001	.0005
%RSD	.3047	.5286	.1402	.1916	.2843	.0781	.1676	.0428	.1882
#1	2.122	2.149	2.107	2.138	2.167	2.019	2.133	2.044	.2708
#2	2.131	2.165	2.111	2.144	2.176	2.022	2.138	2.045	.2716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.099	2.124	2.089	2.164	1.999	2.080	2.127	41.46	42.03
Stddev	.003	.001	.001	.002	.003	.006	.004	.14	.23
%RSD	.1385	.0522	.0515	.1059	.1275	.2969	.2023	.3421	.5529
#1	2.097	2.124	2.088	2.163	1.998	2.076	2.124	41.36	41.87
#2	2.101	2.123	2.090	2.166	2.001	2.085	2.130	41.56	42.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.11	41.33	42.01	41.55	1.865	2.120	2.087	5.119	2.122
Stddev	.25	.29	.12	.06	.004	.005	.000	.017	.002
%RSD	.5771	.6911	.2751	.1395	.1968	.2291	.0137	.3309	.0820
#1	42.94	41.13	41.93	41.51	1.862	2.117	2.087	5.107	2.121
#2	43.29	41.53	42.09	41.59	1.867	2.124	2.088	5.131	2.123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 2:23:40 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.182	2.103	2.188	2.147
Stddev	.007	.004	.008	.005
%RSD	.3390	.1867	.3559	.2220
#1	2.176	2.100	2.182	2.144
#2	2.187	2.105	2.193	2.151
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81832.	38374.	1771.4	5340.3
Stddev	33.	28.	5.1	10.9
%RSD	.04020	.07376	.28737	.20503
#1	81856.	38354.	1775.0	5348.1
#2	81809.	38394.	1767.8	5332.6

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 2:29:29 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0000	.0000	.0003	.0000	-.0006	.0000
Stddev	.000	.000	.0000	.000	.000	.0000	.0000	.0002	.0001
%RSD	50.71	29.60	244.7	273.2	872.3	13.45	122.5	37.44	309.1
#1	-.0001	.0000	.0000	.0000	.0001	.0004	.0000	-.0005	.0000
#2	.0000	.0000	.0000	-.0001	-.0001	.0003	.0000	-.0008	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0003	-.0002	.0010	-.0004	.0003	.0003	-.0001	-.0046
Stddev	.0000	.0000	.0002	.0006	.0003	.0000	.0001	.0024	.0014
%RSD	11.94	4.592	93.12	60.51	83.96	8.298	21.50	3870.	29.82
#1	-.0001	.0003	-.0004	.0014	-.0002	.0003	.0003	.0017	-.0056
#2	-.0001	.0003	-.0001	.0005	-.0007	.0003	.0004	-.0018	-.0037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025	.0025	.0121	-.0223	-.0001	.0016	.0003	.0036	-.0002
Stddev	.0001	.0057	.0113	.0028	.0003	.0003	.0003	.0004	.0000
%RSD	6.070	228.4	93.93	12.54	445.6	16.87	82.26	11.28	7.478
#1	.0023	.0065	.0201	-.0203	.0001	.0018	.0001	.0033	-.0002
#2	.0026	-.0015	.0041	-.0243	-.0003	.0014	.0005	.0039	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Sample Name: CCB Acquired: 12/2/2010 2:29:29 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0005	.0030	.0007
Stddev	.000	.0001	.0012	.0001
%RSD	85.89	13.09	41.42	8.263
#1	.0000	.0006	.0039	.0007
#2	.0000	.0005	.0021	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84473.	39373.	1835.0	5708.9
Stddev	46.	5.	1.7	2.2
%RSD	.05413	.01251	.09101	.03780
#1	84441.	39376.	1833.9	5707.4
#2	84506.	39369.	1836.2	5710.5

Sample Name: MP55908-MB1 2 Acquired: 12/2/2010 2:35:32 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0099	.0000	.0001	.0004	.0006	.0016	.0023	.0038	.0004
Stddev	.0001	.000	.0001	.0000	.0001	.0001	.0000	.0000	.0001
%RSD	.6482	.5385	94.05	13.70	22.48	5.424	.8821	.2689	16.16
#1	.0098	.0000	.0001	.0004	.0005	.0016	.0023	.0038	.0005
#2	.0099	.0000	.0000	.0003	.0006	.0015	.0023	.0038	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	-.0014	.0027	-.0100	-.0010	.0131	-.0017	.0091	.2278
Stddev	.0001	.0000	.0009	.0013	.0009	.0008	.0001	.0011	.0018
%RSD	664.6	2.744	32.99	12.89	91.96	6.041	8.750	12.62	.7740
#1	.0001	-.0014	.0020	-.0091	-.0017	.0125	-.0016	.0099	.2266
#2	-.0001	-.0013	.0033	-.0110	-.0004	.0136	-.0018	.0083	.2291

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0244	.0503	5.941	1135.	.0603	.0000	-.0001	.3423	.0057
Stddev	.0005	.0041	.053	9.	.0007	.0002	.0003	.0046	.0007
%RSD	2.126	8.092	.8932	.8065	1.224	441.9	222.0	1.346	12.61
#1	.0240	.0474	5.904	1128.	.0597	-.0001	-.0003	.3390	.0062
#2	.0248	.0531	5.979	1141.	.0608	.0002	.0001	.3455	.0052

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0427	-.0001	-.0018	.0003
Stddev	.0002	.0002	.0001	.0001
%RSD	.4900	204.7	4.278	16.78
#1	.0426	-.0003	-.0018	.0003
#2	.0429	.0000	-.0019	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77508.	36710.	1599.4	4699.2
Stddev	45.	101.	21.2	49.4
%RSD	.05864	.27449	1.3235	1.0504
#1	77540.	36781.	1614.3	4734.1
#2	77476.	36639.	1584.4	4664.3

Sample Name: MP55908-B1 Acquired: 12/2/2010 2:41:38 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	9.994	.0502	.0546	.4760	.2015	.2402	.4893	.4772	.0586
Stddev	.006	.0005	.0001	.0005	.0005	.0023	.0010	.0002	.0005
%RSD	.0650	1.046	.1161	.1058	.2568	.9599	.2129	.0409	.8768
#1	9.989	.0498	.0546	.4763	.2011	.2386	.4886	.4770	.0583
#2	9.999	.0506	.0545	.4756	.2019	.2419	.4900	.4773	.0590

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4740	.4939	2.228	1.761	1.823	2.314	.5214	2.044	.0181
Stddev	.0019	.0004	.001	.000	.001	.000	.0013	.022	.0032
%RSD	.4028	.0837	.0265	.0044	.0536	.0018	.2496	1.056	17.87
#1	.4726	.4936	2.229	1.761	1.824	2.314	.5223	2.029	.0158
#2	.4753	.4942	2.228	1.761	1.822	2.314	.5204	2.060	.0203

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.060	.0504	5.688	1087.	.0596	-.0006	.0007	.3300	.0057
Stddev	.009	.0000	.002	4.	.0003	.0001	.0003	.0003	.0005
%RSD	.8709	.0858	.0308	.3557	.4674	24.78	39.55	.0887	8.185
#1	1.053	.0505	5.687	1090.	.0598	-.0005	.0005	.3298	.0054
#2	1.066	.0504	5.690	1084.	.0594	-.0007	.0009	.3302	.0060

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0420	-.0005	.0245	.0034
Stddev	.0003	.0001	.0009	.0002
%RSD	.7789	28.74	3.723	5.195
#1	.0418	-.0004	.0252	.0035
#2	.0422	-.0006	.0239	.0033

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77041.	36603.	1594.8	4671.0
Stddev	583.	155.	1.1	3.2
%RSD	.75656	.42470	.06665	.06824
#1	77453.	36713.	1594.0	4668.8
#2	76629.	36493.	1595.5	4673.3

Sample Name: MP55908-S1 Acquired: 12/2/2010 2:47:40 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.79	.0528	1.087	.5154	.2059	1.052	3.670	.7713	.0615
Stddev	.17	.0002	.001	.0004	.0010	.007	.011	.0004	.0004
%RSD	1.551	.3304	.0935	.0767	.4877	.6253	.3117	.0505	.7137
#1	10.67	.0526	1.087	.5151	.2067	1.057	3.678	.7711	.0618
#2	10.90	.0529	1.088	.5157	.2052	1.047	3.661	.7716	.0612

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4800	72.61	2.481	1.784	44.43	2.593	.7285	5.950	467.6
Stddev	.0022	.22	.002	.002	.01	.003	.0015	.026	4.3
%RSD	.4520	.3052	.0818	.1215	.0159	.1094	.2094	.4439	.9118
#1	.4816	72.46	2.479	1.785	44.44	2.595	.7296	5.931	464.6
#2	.4785	72.77	2.482	1.782	44.43	2.591	.7274	5.968	470.6

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.805	45.67	391.8	*****	.7595	-.0023	-.0067	22.06	.0407
Stddev	.013	.36	3.2	-----	.0011	.0001	.0000	.00	.0011
%RSD	.7398	.7943	.8145	-----	.1469	3.316	.2557	.0154	2.594
#1	1.795	45.42	389.6	-----	.7603	-.0024	-.0066	22.06	.0400
#2	1.814	45.93	394.1	-----	.7587	-.0023	-.0067	22.06	.0415

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.143	.0162	1.215	.0066
Stddev	.004	.0001	.000	.0003
%RSD	.3840	.3363	.0356	4.774
#1	1.140	.0163	1.215	.0068
#2	1.146	.0162	1.215	.0063

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73203.	34585.	1442.0	4083.7
Stddev	394.	190.	.8	4.5
%RSD	.53868	.54931	.05344	.11134
#1	72924.	34719.	1441.5	4080.5
#2	73481.	34450.	1442.5	4086.9

Zoom In Zoom Out

Sample Name: MP55908-S2 Acquired: 12/2/2010 2:53:48 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.99	.0524	1.090	.5141	.2075	1.057	3.730	.7726	.0614
Stddev	.06	.0001	.004	.0012	.0018	.002	.016	.0013	.0000
%RSD	.5732	.1363	.3254	.2277	.8891	.2016	.4396	.1696	.0446
#1	11.03	.0523	1.088	.5133	.2088	1.055	3.742	.7716	.0614
#2	10.95	.0524	1.093	.5150	.2062	1.058	3.718	.7735	.0614

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4841	73.35	2.456	1.771	44.57	2.556	.7253	5.962	467.5
Stddev	.0019	.23	.007	.002	.09	.008	.0025	.000	1.4
%RSD	.3987	.3178	.3001	.0854	.2125	.3106	.3387	.0040	.2979
#1	.4855	73.19	2.451	1.770	44.51	2.550	.7235	5.962	468.5
#2	.4828	73.52	2.462	1.773	44.64	2.562	.7270	5.962	466.5

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.823	45.55	391.9	*****	.7575	-.0026	-.0070	22.08	.0410
Stddev	.008	.06	4.6	-----	.0011	.0004	.0002	.03	.0004
%RSD	.4226	.1293	1.166	-----	.1415	14.44	3.387	.1485	.9297
#1	1.818	45.51	388.7	-----	.7568	-.0028	-.0071	22.06	.0413
#2	1.829	45.59	395.1	-----	.7583	-.0023	-.0068	22.10	.0408

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.148	.0169	1.222	.0039
Stddev	.000	.0004	.003	.0001
%RSD	.0241	2.500	.2662	1.509
#1	1.148	.0166	1.220	.0038
#2	1.148	.0172	1.224	.0039

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73204.	34586.	1447.2	4090.1
Stddev	59.	70.	3.0	8.8
%RSD	.08115	.20238	.20387	.21582
#1	73162.	34537.	1449.3	4096.4
#2	73246.	34636.	1445.1	4083.9

Zoom In Zoom Out

Sample Name: JA62308-1 Acquired: 12/2/2010 2:59:59 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5639	.0004	.9983	.0343	.0072	.7681	3.216	.2778	.0032
Stddev	.0013	.0006	.0027	.0006	.0002	.0014	.003	.0042	.0021
%RSD	.2392	142.6	.2674	1.767	2.609	.1840	.0825	1.502	65.57
#1	.5629	.0008	.9964	.0339	.0071	.7671	3.218	.2748	.0047
#2	.5648	.0000	1.000	.0348	.0073	.7691	3.214	.2807	.0017

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	72.20	.0220	-.0078	42.01	.0213	.1453	3.592	460.3
Stddev	.0009	.21	.0048	.0019	.05	.0004	.0075	.090	9.6
%RSD	170.4	.2863	21.84	25.05	.1258	1.932	5.177	2.507	2.080
#1	.0012	72.06	.0254	-.0064	41.97	.0216	.1399	3.529	453.5
#2	-.0001	72.35	.0186	-.0091	42.04	.0210	.1506	3.656	467.1

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.8585	45.14	388.3	*****	.7478	-.0025	-.0043	21.70	.0385
Stddev	.1076	.29	5.1	-----	.0019	.0001	.0009	.10	.0023
%RSD	12.54	.6357	1.315	-----	.2532	2.262	21.56	.4593	5.988
#1	.9346	44.94	391.9	1338.	.7464	-.0026	-.0037	21.63	.0368
#2	.7824	45.35	384.7	-----	.7491	-.0025	-.0050	21.77	.0401

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.127	.0064	.9841	.0035
Stddev	.011	.0143	.2879	.0001
%RSD	.9785	224.6	29.25	2.988
#1	1.119	-.0038	.7806	.0034
#2	1.135	.0165	1.188	.0035

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73019.	34474.	1452.2	4117.0
Stddev	164.	20.	6.0	9.8
%RSD	.22524	.05902	.41659	.23855
#1	72902.	34489.	1456.5	4123.9
#2	73135.	34460.	1448.0	4110.1

Zoom In Zoom Out

Sample Name: MP55908-SD1 Acquired: 12/2/2010 3:06:08 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5607	.0009	.8967	.0359	.0077	.7081	3.336	.3002	.0056
Stddev	.0041	.0001	.0002	.0002	.0000	.0188	.063	.0002	.0003
%RSD	.7329	7.676	.0230	.4844	.5764	2.655	1.890	.0652	5.572
#1	.5636	.0008	.8968	.0358	.0077	.7214	3.381	.3001	.0054
#2	.5578	.0009	.8965	.0360	.0076	.6948	3.292	.3004	.0058

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0022	89.75	.0221	-.0073	42.57	.0093	.1238	3.375	482.8
Stddev	.0003	.29	.0007	.0004	.13	.0032	.0044	.028	3.2
%RSD	13.67	.3258	2.974	5.040	.2960	34.06	3.543	.8185	.6617
#1	.0020	89.96	.0216	-.0070	42.66	.0115	.1207	3.355	485.1
#2	.0024	89.54	.0226	-.0075	42.48	.0070	.1269	3.394	480.5

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.8213	45.33	382.1	1482.	.7371	-.0058	-.0036	20.19	.0342
Stddev	.0038	.31	2.8	5.	.0055	.0003	.0045	.04	.0003
%RSD	.4569	.6790	.7224	.3673	.7463	5.104	123.2	.1817	.9726
#1	.8240	45.55	384.0	1486.	.7332	-.0060	-.0005	20.16	.0345
#2	.8187	45.12	380.1	1478.	.7410	-.0056	-.0068	20.21	.0340

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.115	-.0023	.5870	.0032
Stddev	.008	.0008	.0033	.0005
%RSD	.7159	33.10	.5623	15.96
#1	1.120	-.0017	.5893	.0036
#2	1.109	-.0028	.5847	.0028

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78022.	36833.	1655.5	5022.7
Stddev	1370.	380.	8.0	13.9
%RSD	1.7559	1.0317	.48164	.27589
#1	77054.	36564.	1661.1	5032.5
#2	78991.	37101.	1649.9	5012.9

Zoom In Zoom Out

Sample Name: JA62308-2 Acquired: 12/2/2010 3:12:09 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5190	.0004	.4463	.0151	.0078	.5277	2.101	.1533	.0028
Stddev	.0008	.0000	.0011	.0001	.0005	.0063	.007	.0003	.0000
%RSD	.1503	5.470	.2542	.4452	6.818	1.197	.3523	.2231	1.684
#1	.5195	.0004	.4471	.0150	.0074	.5321	2.106	.1535	.0028
#2	.5184	.0004	.4455	.0151	.0082	.5232	2.095	.1530	.0028

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0008	33.31	.0277	-.0150	16.04	.0212	.1327	2.835	293.7
Stddev	.0001	.07	.0004	.0002	.01	.0010	.0002	.009	7.9
%RSD	7.715	.2073	1.537	1.132	.0605	4.762	.1825	.2991	2.695
#1	.0009	33.36	.0274	-.0152	16.03	.0205	.1325	2.829	288.1
#2	.0008	33.26	.0280	-.0149	16.04	.0219	.1329	2.841	299.3

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.243	28.83	289.3	1194.	.4664	-.0007	-.0036	13.25	.0295
Stddev	.004	.06	.7	21.	.0024	.0000	.0012	.02	.0000
%RSD	.2947	.2210	.2521	1.765	.5234	1.270	33.57	.1815	.1693
#1	1.246	28.87	289.8	1209.	.4646	-.0007	-.0044	13.23	.0295
#2	1.241	28.78	288.8	1179.	.4681	-.0007	-.0027	13.26	.0295

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.7356	.0113	.2791	.0048
Stddev	.0011	.0001	.0040	.0002
%RSD	.1518	1.056	1.432	3.389
#1	.7364	.0112	.2763	.0049
#2	.7348	.0114	.2820	.0047

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73910.	35128.	1475.7	4262.8
Stddev	548.	180.	1.9	8.6
%RSD	.74094	.51151	.12857	.20067
#1	73523.	35001.	1477.1	4268.8
#2	74297.	35255.	1474.4	4256.7

Zoom In Zoom Out

Sample Name: JA62308-3 Acquired: 12/2/2010 3:18:13 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2957	.0006	.5877	.0266	.0080	.9342	1.556	.4123	.0034
Stddev	.0010	.0000	.0007	.0001	.0000	.0009	.009	.0006	.0003
%RSD	.3220	.7468	.1204	.2578	.0035	.0914	.5792	.1502	7.474
#1	.2950	.0006	.5872	.0266	.0080	.9348	1.549	.4128	.0036
#2	.2963	.0006	.5882	.0267	.0080	.9336	1.562	.4119	.0032

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0014	52.20	.0404	-.0097	63.63	.0152	.4322	3.781	201.3
Stddev	.0001	.02	.0001	.0001	.06	.0015	.0036	.017	.5
%RSD	5.540	.0445	.3019	.7764	.0927	10.01	.8326	.4444	.2676
#1	.0013	52.22	.0405	-.0096	63.68	.0163	.4297	3.769	200.9
#2	.0014	52.18	.0403	-.0097	63.59	.0141	.4348	3.793	201.7

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	3.021	21.73	159.9	1027.	.3683	-.0015	-.0021	16.09	.1367
Stddev	.018	.03	.1	9.	.0011	.0001	.0003	.04	.0004
%RSD	.5786	.1592	.0634	.9137	.2907	6.609	16.09	.2752	.2681
#1	3.009	21.70	159.9	1034.	.3675	-.0014	-.0023	16.06	.1365
#2	3.034	21.75	159.8	1021.	.3690	-.0015	-.0018	16.12	.1370

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4832	.0106	.4648	.0031
Stddev	.0017	.0000	.0004	.0000
%RSD	.3567	.2073	.0802	1.615
#1	.4820	.0106	.4645	.0031
#2	.4844	.0106	.4650	.0031

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76221.	35799.	1528.2	4450.7
Stddev	57.	13.	9.6	18.3
%RSD	.07484	.03694	.63033	.41141
#1	76180.	35790.	1535.0	4463.6
#2	76261.	35809.	1521.4	4437.8

Zoom In Zoom Out

Sample Name: JA62308-4 Acquired: 12/2/2010 3:24:18 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2944	.0006	.6067	.0256	.0091	.7967	1.450	.3936	.0036
Stddev	.0026	.0000	.0001	.0000	.0001	.0010	.006	.0005	.0003
%RSD	.8899	2.461	.0232	.0702	1.289	.1207	.4096	.1186	7.329
#1	.2925	.0005	.6068	.0255	.0090	.7960	1.446	.3933	.0034
#2	.2962	.0006	.6066	.0256	.0092	.7974	1.455	.3940	.0038

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0019	49.04	.0537	-.0106	59.65	.0161	.6293	3.730	188.5
Stddev	.0001	.10	.0006	.0008	.04	.0014	.0002	.029	.3
%RSD	4.765	.1957	1.025	7.225	.0716	8.476	.0311	.7853	.1440
#1	.0019	48.97	.0541	-.0100	59.62	.0170	.6295	3.709	188.3
#2	.0020	49.11	.0533	-.0111	59.68	.0151	.6292	3.751	188.7

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	4.691	15.66	112.2	998.0	.3480	-.0006	-.0020	17.38	.2007
Stddev	.054	.09	.8	39.2	.0017	.0001	.0005	.02	.0004
%RSD	1.145	.5919	.6970	3.928	.5025	22.06	23.25	.1080	.2172
#1	4.653	15.59	111.7	970.3	.3493	-.0007	-.0023	17.39	.2004
#2	4.729	15.72	112.8	1026.	.3468	-.0005	-.0016	17.37	.2010

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4418	.0181	.4319	.0033
Stddev	.0037	.0003	.0008	.0001
%RSD	.8307	1.617	.1954	2.617
#1	.4392	.0179	.4325	.0033
#2	.4444	.0183	.4313	.0032

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75624.	35973.	1518.3	4453.1
Stddev	102.	154.	2.2	3.3
%RSD	.13548	.42764	.14728	.07496
#1	75696.	36082.	1516.8	4450.8
#2	75551.	35864.	1519.9	4455.5

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 3:30:25 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.086	2.110	2.133	2.159	2.100	1.951	2.070	2.051	.2619
Stddev	.069	.067	.041	.040	.139	.144	.138	.040	.0170
%RSD	3.323	3.150	1.930	1.830	6.627	7.373	6.646	1.971	6.499
#1	2.135	2.157	2.162	2.187	2.198	2.052	2.167	2.079	.2739
#2	2.037	2.063	2.104	2.131	2.001	1.849	1.973	2.022	.2498
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.034	2.138	2.109	2.180	2.004	2.106	2.156	40.63	41.22
Stddev	.138	.045	.037	.041	.040	.039	.042	1.34	1.23
%RSD	6.764	2.092	1.747	1.861	2.002	1.833	1.932	3.294	2.995
#1	2.131	2.170	2.135	2.209	2.032	2.134	2.186	41.57	42.10
#2	1.937	2.106	2.083	2.152	1.976	2.079	2.127	39.68	40.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.22	40.46	41.18	39.26	1.873	2.145	2.019	5.176	2.139
Stddev	1.29	1.24	1.38	1.42	.039	.038	.145	.098	.043
%RSD	3.045	3.066	3.338	3.622	2.075	1.774	7.180	1.898	1.992
#1	43.13	41.33	42.15	40.27	1.900	2.171	2.122	5.246	2.169
#2	41.31	39.58	40.21	38.26	1.845	2.118	1.917	5.107	2.109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 3:30:25 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.138	2.037	F 2.212	2.075
Stddev	.075	.140	.038	.142
%RSD	3.510	6.883	1.727	6.834
#1	2.191	2.137	2.239	2.176
#2	2.085	1.938	2.185	1.975
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000	
Range			10.00%	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83585.	38785.	1740.5	5274.3
Stddev	5178.	1219.	26.3	82.1
%RSD	6.1952	3.1418	1.5106	1.5571
#1	79923.	37923.	1721.9	5216.2
#2	87246.	39647.	1759.0	5332.4

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 3:36:18 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0001	.0001	.0000	.0005	.0000	-.0005	.0000
Stddev	.0000	.000	.0000	.0001	.0002	.0000	.0000	.0001	.0003
%RSD	188.1	14.01	58.18	79.49	514.1	5.091	96.97	12.66	2954.
#1	.0000	.0000	.0001	.0001	-.0001	.0006	.0000	-.0005	-.0002
#2	.0000	.0000	.0000	.0002	.0001	.0005	.0000	-.0005	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0044	.0002	.0008	.0010	.0002	-.0005	.0018	.0181
Stddev	.0002	.0001	.0003	.0006	.0001	.0006	.0001	.0002	.0012
%RSD	2058.	2.036	167.6	76.83	8.438	264.8	10.63	13.28	6.844
#1	-.0001	.0044	.0005	.0012	.0011	-.0002	-.0005	.0020	.0190
#2	.0002	.0045	.0000	.0004	.0010	.0007	-.0005	.0016	.0173
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029	.0005	.1005	.1525	.0005	.0014	.0001	.0038	.0001
Stddev	.0005	.0012	.0036	.0038	.0005	.0003	.0004	.0005	.0000
%RSD	17.85	224.9	3.610	2.511	111.1	19.50	411.7	13.09	32.79
#1	.0025	.0014	.1030	.1498	.0001	.0016	-.0002	.0034	.0002
#2	.0033	-.0003	.0979	.1552	.0009	.0012	.0004	.0041	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 3:36:18 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0004	.0032	.0008
Stddev	.000	.0001	.0010	.0001
%RSD	26.91	15.28	30.71	9.826
#1	.0000	.0003	.0039	.0009
#2	.0000	.0004	.0025	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83509.	38944.	1828.4	5686.2
Stddev	3.	23.	5.7	17.3
%RSD	.00390	.05917	.31007	.30444
#1	83511.	38960.	1832.4	5698.5
#2	83506.	38927.	1824.4	5674.0

Zoom In Zoom Out

Sample Name: MP55851-MB2 2 Acquired: 12/2/2010 3:42:21 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0097	.0000	.0001	.0004	.0011	.0012	.0023	.0039	.0004
Stddev	.0001	.000	.0001	.0001	.0000	.0001	.0000	.0002	.0001
%RSD	.9561	5.326	77.32	12.26	1.469	10.16	.8246	4.864	24.38
#1	.0097	.0000	.0002	.0005	.0011	.0013	.0023	.0041	.0005
#2	.0098	.0000	.0001	.0004	.0011	.0012	.0023	.0038	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	-.0022	.0028	-.0103	-.0007	.0140	-.0007	.0091	.2017
Stddev	.0001	.0000	.0002	.0012	.0003	.0009	.0001	.0007	.0342
%RSD	88.86	1.697	6.590	12.03	40.78	6.169	10.88	7.305	16.98
#1	.0002	-.0022	.0026	-.0112	-.0005	.0146	-.0007	.0086	.2259
#2	.0000	-.0022	.0029	-.0094	-.0009	.0133	-.0008	.0096	.1775

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0353	.0447	5.935	1084.	.0604	.0002	-.0003	.3294	.0053
Stddev	.0001	.0058	.100	13.	.0002	.0001	.0005	.0002	.0001
%RSD	.4113	12.90	1.688	1.163	.3390	39.22	151.2	.0653	2.049
#1	.0354	.0488	5.864	1075.	.0605	.0003	-.0007	.3296	.0052
#2	.0352	.0406	6.006	1093.	.0603	.0002	.0000	.3293	.0054

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0423	-.0004	-.0023	.0006
Stddev	.0002	.0002	.0003	.0000
%RSD	.4840	54.95	12.10	8.732
#1	.0421	-.0006	-.0025	.0006
#2	.0424	-.0003	-.0021	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76718.	36616.	1576.5	4645.0
Stddev	26.	369.	5.3	12.8
%RSD	.03450	1.0064	.33834	.27553
#1	76737.	36877.	1572.7	4636.0
#2	76700.	36355.	1580.3	4654.1

Zoom In Zoom Out

Sample Name: MP55851-LC1 Acquired: 12/2/2010 3:48:28 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5383	.5318	.5148	.5347	.5418	.4807	.5306	.4984	.2079
Stddev	.0020	.0045	.0049	.0053	.0029	.0006	.0015	.0049	.0002
%RSD	.3796	.8424	.9584	.9822	.5278	.1165	.2835	.9920	.1004
#1	.5369	.5286	.5113	.5309	.5397	.4811	.5295	.4949	.2078
#2	.5397	.5349	.5182	.5384	.5438	.4803	.5317	.5019	.2080

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5081	.5272	.5079	.4948	.4742	.4948	.5219	5.062	5.566
Stddev	.0002	.0058	.0059	.0053	.0040	.0041	.0054	.022	.088
%RSD	.0385	1.097	1.153	1.065	.8525	.8233	1.039	.4317	1.586
#1	.5082	.5231	.5037	.4911	.4713	.4919	.5181	5.047	5.503
#2	.5080	.5313	.5120	.4986	.4770	.4977	.5258	5.078	5.628

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.967	5.443	10.63	10.36	-.0094	.5307	.0017	.1455	.0006
Stddev	.070	.070	.01	.01	.0001	.0056	.0002	.0014	.0005
%RSD	1.168	1.277	.1025	.0993	1.111	1.056	10.02	.9704	81.87
#1	5.918	5.394	10.62	10.37	-.0094	.5267	.0016	.1445	.0010
#2	6.016	5.492	10.64	10.35	-.0095	.5346	.0019	.1465	.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0004	.5190	.0165	.0081
Stddev	.0000	.0010	.0002	.0013
%RSD	4.480	.1924	1.430	16.45
#1	.0003	.5183	.0163	.0090
#2	.0004	.5197	.0167	.0071

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81478.	38324.	1764.7	5531.2
Stddev	112.	60.	9.1	28.4
%RSD	.13701	.15714	.51815	.51325
#1	81399.	38366.	1771.2	5551.3
#2	81557.	38281.	1758.3	5511.2

Zoom In Zoom Out

Sample Name: JA62308-7 Acquired: 12/2/2010 3:54:17 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0290	.0010	1.441	.0659	.0046	1.104	3.794	.6754	.0041
Stddev	.0000	.0000	.007	.0002	.0002	.003	.002	.0004	.0000
%RSD	.0593	1.653	.4657	.3526	3.964	.2820	.0412	.0543	.3080
#1	.0290	.0010	1.437	.0658	.0047	1.102	3.795	.6752	.0041
#2	.0290	.0010	1.446	.0661	.0044	1.106	3.793	.6757	.0042

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0008	78.11	.0088	-.0008	46.63	.0156	.0106	4.985	905.0
Stddev	.0003	.17	.0007	.0000	.06	.0007	.0004	.022	4.0
%RSD	34.72	.2174	8.269	.9761	.1285	4.468	4.187	.4417	.4449
#1	.0010	77.99	.0082	-.0008	46.58	.0151	.0109	4.969	907.9
#2	.0006	78.23	.0093	-.0008	46.67	.0161	.0103	5.000	902.2

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	-.3860	34.89	103.7	1131.	.7669	-.0044	-.0076	23.92	-.0031
Stddev	.0010	.15	.0	3.	.0035	.0002	.0014	.12	.0012
%RSD	.2567	.4202	.0337	.2831	.4629	4.931	18.08	.4893	38.92
#1	-.3853	34.78	103.7	1128.	.7644	-.0042	-.0085	23.83	-.0039
#2	-.3867	34.99	103.7	1133.	.7694	-.0045	-.0066	24.00	-.0022

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.081	-.0188	.9143	.0004
Stddev	.004	.0000	.0040	.0000
%RSD	.3244	.0868	.4400	9.503
#1	1.079	-.0188	.9114	.0004
#2	1.084	-.0188	.9171	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73208.	34121.	1427.9	4137.9
Stddev	200.	6.	8.7	14.5
%RSD	.27269	.01698	.60972	.35097
#1	73350.	34125.	1434.0	4148.1
#2	73067.	34117.	1421.7	4127.6

Zoom In Zoom Out

Sample Name: MP55933-MB1 Acquired: 12/2/2010 4:00:23 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0001	.0001	.0001	.0008	.0001	-.0009	.0002
Stddev	.0000	.000	.0000	.0000	.0005	.0003	.0000	.0001	.0001
%RSD	7.393	39.11	16.87	12.91	390.0	43.19	12.82	8.318	50.25
#1	.0001	-.0001	.0001	.0001	.0005	.0005	.0001	-.0008	.0002
#2	.0001	.0000	.0001	.0001	-.0002	.0010	.0001	-.0009	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	.0015	-.0001	-.0010	.0008	-.0003	-.0005	.0017	.0096
Stddev	.0001	.0000	.0004	.0000	.0008	.0001	.0001	.0031	.0023
%RSD	72.74	.3314	377.1	2.397	97.90	19.29	13.55	175.8	23.62
#1	-.0002	.0015	.0002	-.0010	.0003	-.0003	-.0004	.0039	.0113
#2	-.0001	.0015	-.0004	-.0010	.0014	-.0004	-.0005	-.0004	.0080

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0048	.0012	.1110	.2718	.0008	.0000	.0007	.0178	.0002
Stddev	.0013	.0082	.0066	.0118	.0002	.000	.0003	.0001	.0008
%RSD	26.99	690.3	5.973	4.357	25.57	821.4	46.11	.5778	326.9
#1	.0058	-.0046	.1157	.2801	.0007	.0000	.0009	.0179	.0008
#2	.0039	.0070	.1063	.2634	.0010	.0000	.0005	.0178	-.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0000	-.0038	.0000
Stddev	.000	.000	.0002	.0001
%RSD	9.864	674.2	6.509	772.9
#1	.0000	.0001	-.0040	.0001
#2	.0000	-.0002	-.0036	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82706.	38841.	1822.1	5729.8
Stddev	149.	124.	21.4	41.9
%RSD	.18050	.31979	1.1737	.73158
#1	82812.	38929.	1807.0	5700.2
#2	82601.	38753.	1837.2	5759.5

Zoom In Zoom Out

Sample Name: MP55933-LC1 Acquired: 12/2/2010 4:06:24 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5264	.5322	.5025	.5240	.5400	.4677	.5216	.4929	.2015
Stddev	.0035	.0035	.0001	.0002	.0002	.0002	.0006	.0004	.0006
%RSD	.6688	.6501	.0241	.0364	.0405	.0524	.1205	.0798	.2867
#1	.5239	.5297	.5024	.5239	.5402	.4679	.5212	.4927	.2011
#2	.5289	.5346	.5026	.5241	.5399	.4675	.5221	.4932	.2019

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5005	.5221	.4988	.4866	.4678	.4843	.5093	4.922	5.601
Stddev	.0004	.0008	.0010	.0008	.0008	.0011	.0002	.017	.035
%RSD	.0857	.1525	.2017	.1557	.1791	.2297	.0333	.3461	.6237
#1	.5002	.5215	.4981	.4861	.4684	.4835	.5094	4.910	5.576
#2	.5008	.5226	.4995	.4872	.4672	.4851	.5092	4.934	5.625

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.901	5.340	10.27	10.08	-.0048	.5214	.0016	.1429	-.0009
Stddev	.038	.048	.07	.04	.0002	.0006	.0007	.0004	.0001
%RSD	.6452	.8998	.7299	.4360	4.001	.1059	42.18	.2860	15.08
#1	5.874	5.306	10.22	10.05	-.0047	.5210	.0011	.1431	-.0008
#2	5.928	5.374	10.32	10.11	-.0050	.5218	.0021	.1426	-.0010

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0005	.5093	.0134	.0000
Stddev	.0000	.0000	.0004	.000
%RSD	3.463	.0043	3.250	167.7
#1	.0005	.5093	.0137	.0000
#2	.0004	.5093	.0131	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83001.	38684.	1815.7	5655.0
Stddev	114.	61.	.1	3.4
%RSD	.13741	.15783	.00659	.05953
#1	82920.	38641.	1815.6	5652.7
#2	83081.	38727.	1815.8	5657.4

Zoom In Zoom Out

Sample Name: MP55933-S1 Acquired: 12/2/2010 4:12:13 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.197	.0544	.0562	.5316	.2170	.2505	1.114	.5120	.0571
Stddev	.010	.0002	.0002	.0030	.0013	.0001	.003	.0024	.0001
%RSD	.4423	.4397	.3681	.5735	.5761	.0409	.2207	.4698	.1953
#1	2.190	.0543	.0563	.5337	.2161	.2506	1.112	.5137	.0570
#2	2.204	.0546	.0561	.5294	.2179	.2504	1.116	.5103	.0572

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5099	.7146	2.161	2.028	.4901	2.140	.5538	2.169	254.5
Stddev	.0017	.0045	.016	.011	.0022	.017	.0034	.011	4.9
%RSD	.3270	.6230	.7232	.5644	.4409	.7889	.6088	.5261	1.931
#1	.5087	.7178	2.173	2.036	.4917	2.152	.5562	2.161	251.0
#2	.5111	.7115	2.150	2.020	.4886	2.128	.5514	2.177	257.9

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.316	51.32	45.68	77.27	.9942	.0064	-.0004	12.53	-.0034
Stddev	.007	.24	.20	.59	.0073	.0001	.0001	.10	.0009
%RSD	.5155	.4707	.4424	.7688	.7331	2.090	15.66	.8158	25.48
#1	1.311	51.15	45.54	77.69	.9993	.0065	-.0004	12.60	-.0027
#2	1.321	51.49	45.83	76.85	.9890	.0063	-.0004	12.46	-.0040

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.152	-.0096	.0412	.0001
Stddev	.006	.0002	.0001	.0001
%RSD	.5286	2.466	.1927	166.2
#1	1.148	-.0094	.0412	.0000
#2	1.156	-.0098	.0413	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80011.	37105.	1696.7	5199.3
Stddev	98.	23.	13.5	31.9
%RSD	.12242	.06296	.79405	.61258
#1	80080.	37089.	1687.1	5176.8
#2	79942.	37122.	1706.2	5221.8

Zoom In Zoom Out

Sample Name: MP55933-S2 Acquired: 12/2/2010 4:18:13 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.114	.0523	.0551	.5229	.2093	.2430	1.089	.5033	.0551
Stddev	.043	.0014	.0001	.0020	.0008	.0024	.007	.0016	.0008
%RSD	2.051	2.720	.1583	.3769	.3978	.9754	.6141	.3091	1.421
#1	2.145	.0533	.0550	.5243	.2099	.2447	1.094	.5044	.0556
#2	2.083	.0513	.0552	.5215	.2087	.2413	1.084	.5022	.0545

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4935	.7037	2.126	1.995	.4804	2.100	.5418	2.070	249.6
Stddev	.0036	.0016	.013	.005	.0029	.010	.0014	.036	.9
%RSD	.7381	.2224	.5978	.2664	.6058	.4649	.2640	1.764	.3410
#1	.4961	.7048	2.135	1.999	.4825	2.107	.5428	2.096	250.2
#2	.4909	.7026	2.117	1.991	.4784	2.093	.5408	2.044	249.0

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.259	49.98	44.70	76.08	.9959	.0060	-.0005	12.50	-.0031
Stddev	.036	1.45	.80	.78	.0061	.0003	.0002	.07	.0003
%RSD	2.835	2.908	1.786	1.030	.6116	4.466	45.66	.5394	10.34
#1	1.285	51.01	45.27	76.63	1.000	.0062	-.0003	12.55	-.0034
#2	1.234	48.95	44.14	75.53	.9916	.0058	-.0006	12.45	-.0029

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.126	-.0099	.0399	.0006
Stddev	.025	.0003	.0001	.0001
%RSD	2.199	3.104	.3495	9.724
#1	1.143	-.0101	.0400	.0006
#2	1.108	-.0097	.0398	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79797.	37322.	1673.4	5131.3
Stddev	798.	977.	9.8	21.3
%RSD	.99947	2.6188	.58423	.41562
#1	79233.	36631.	1666.5	5116.3
#2	80361.	38013.	1680.3	5146.4

Zoom In Zoom Out

Sample Name: JA61494-1 Acquired: 12/2/2010 4:24:12 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0387	.0000	.0021	.0021	.0010	.0040	.5876	.0083	-.0002
Stddev	.0001	.000	.0000	.0001	.0004	.0001	.0022	.0000	.0000
%RSD	.2444	22.79	.9114	6.935	38.73	1.489	.3802	.4127	26.54
#1	.0386	.0000	.0021	.0020	.0007	.0039	.5892	.0083	-.0002
#2	.0388	.0000	.0021	.0022	.0013	.0040	.5860	.0084	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0011	.2005	-.0006	-.0002	.0013	.0018	.0009	-.0062	231.6
Stddev	.0002	.0009	.0005	.0002	.0005	.0001	.0005	.0034	.8
%RSD	18.02	.4346	82.29	102.6	41.16	5.814	53.82	55.67	.3548
#1	.0010	.2011	-.0003	-.0004	.0017	.0019	.0013	-.0086	231.1
#2	.0012	.1999	-.0010	-.0001	.0009	.0018	.0006	-.0037	232.2

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1440	25.14	18.37	53.56	.9973	.0056	-.0018	12.51	-.0035
Stddev	.0002	.06	.04	.13	.0016	.0001	.0007	.02	.0003
%RSD	.1666	.2186	.2406	.2474	.1622	2.014	40.34	.1968	8.223
#1	.1442	25.11	18.34	53.46	.9961	.0056	-.0013	12.49	-.0033
#2	.1438	25.18	18.40	53.65	.9984	.0057	-.0023	12.53	-.0037

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.150	-.0104	.0171	-.0001
Stddev	.004	.0002	.0000	.0000
%RSD	.3355	2.173	.2264	12.61
#1	1.148	-.0103	.0171	-.0002
#2	1.153	-.0106	.0172	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80607.	37516.	1703.4	5269.3
Stddev	239.	61.	5.8	12.8
%RSD	.29696	.16222	.34075	.24285
#1	80438.	37473.	1707.5	5278.4
#2	80777.	37559.	1699.3	5260.3

Zoom In Zoom Out

Sample Name: MP55933-SD1 Acquired: 12/2/2010 4:30:15 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0393	-.0002	.0011	.0017	.0003	.0070	.6041	.0322	.0001
Stddev	.0002	.0000	.0003	.0003	.0000	.0003	.0017	.0006	.0001
%RSD	.6256	19.52	28.77	18.62	10.30	4.145	.2775	1.785	58.25
#1	.0391	-.0002	.0013	.0015	.0004	.0072	.6030	.0318	.0002
#2	.0395	-.0003	.0008	.0019	.0003	.0068	.6053	.0327	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0016	.2805	-.0002	.0041	.0039	-.0069	-.0016	.0500	237.6
Stddev	.0002	.0002	.0002	.0036	.0002	.0089	.0007	.0165	.2
%RSD	13.94	.0675	136.5	89.45	6.437	128.6	42.86	33.07	.0941
#1	.0014	.2806	.0000	.0015	.0037	-.0132	-.0021	.0617	237.8
#2	.0017	.2803	-.0003	.0067	.0040	-.0006	-.0011	.0383	237.5

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1874	24.97	18.13	52.40	.9765	.0051	-.0015	12.33	-.0102
Stddev	.0015	.08	.15	.58	.0012	.0008	.0031	.01	.0027
%RSD	.8156	.3241	.8527	1.114	.1260	14.75	215.1	.1158	26.37
#1	.1885	24.91	18.02	51.99	.9773	.0056	.0008	12.34	-.0083
#2	.1863	25.03	18.24	52.82	.9756	.0046	-.0037	12.32	-.0121

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.145	-.0090	-.0100	-.0004
Stddev	.008	.0010	.0000	.0001
%RSD	.6808	11.43	.0541	21.11
#1	1.140	-.0097	-.0100	-.0004
#2	1.151	-.0083	-.0100	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83104.	38641.	1794.1	5611.6
Stddev	176.	16.	1.8	1.3
%RSD	.21128	.04238	.09839	.02280
#1	82979.	38630.	1792.8	5612.5
#2	83228.	38653.	1795.3	5610.7

Zoom In Zoom Out

Sample Name: JA62422-1 Acquired: 12/2/2010 4:36:13 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0228	-.0003	2.248	.0312	.1417	11.84	2.210	.4230	.0010
Stddev	.0002	.0000	.008	.0000	.0012	.04	.002	.0010	.0001
%RSD	.9199	.5422	.3611	.1343	.8582	.3226	.0808	.2432	11.44
#1	.0226	-.0003	2.242	.0312	.1426	11.81	2.209	.4223	.0009
#2	.0229	-.0003	2.253	.0312	.1408	11.87	2.211	.4237	.0011

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0031	4.576	.0473	-.0114	1.485	.0134	-.0002	1.124	20.27
Stddev	.0002	.010	.0004	.0005	.003	.0000	.0002	.006	.26
%RSD	6.189	.2261	.8269	3.978	.1903	.2693	71.35	.5778	1.272
#1	.0029	4.568	.0476	-.0118	1.483	.0134	-.0004	1.120	20.09
#2	.0032	4.583	.0471	-.0111	1.487	.0134	-.0001	1.129	20.46

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.788	4.013	2.052	1.970	.0332	.0016	.0006	6.500	.0012
Stddev	.019	.043	.008	.005	.0005	.0000	.0010	.020	.0000
%RSD	1.082	1.075	.3937	.2644	1.445	1.014	159.1	.3018	1.980
#1	1.775	3.982	2.046	1.966	.0329	.0016	-.0001	6.486	.0012
#2	1.802	4.043	2.057	1.973	.0335	.0016	.0013	6.513	.0011

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0672	-.0043	.0456	.0009
Stddev	.0006	.0000	.0006	.0001
%RSD	.8596	.1448	1.290	9.951
#1	.0668	-.0043	.0452	.0009
#2	.0676	-.0043	.0460	.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82177.	38457.	1748.7	5624.2
Stddev	15.	96.	5.8	17.5
%RSD	.01771	.24853	.33435	.31184
#1	82187.	38524.	1752.8	5636.6
#2	82167.	38389.	1744.6	5611.8

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 4:42:15 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.145	2.172	2.120	2.149	F 2.204	2.033	2.159	2.035	F .2755
Stddev	.027	.024	.001	.001	.001	.024	.004	.001	.0009
%RSD	1.253	1.125	.0239	.0229	.0283	1.201	.1985	.0612	.3130
#1	2.126	2.155	2.121	2.149	2.204	2.051	2.162	2.034	.2761
#2	2.164	2.189	2.120	2.149	2.205	2.016	2.156	2.036	.2749
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value					2.000				.2500
Range					10.00%				10.00%

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.121	2.124	2.096	2.177	1.987	2.083	2.145	42.01	42.37
Stddev	.008	.002	.002	.004	.002	.002	.001	.59	.41
%RSD	.3840	.0729	.0994	.1891	.0984	.0728	.0648	1.416	.9760
#1	2.127	2.123	2.094	2.174	1.986	2.082	2.144	41.59	42.07
#2	2.116	2.125	2.097	2.180	1.988	2.084	2.146	42.43	42.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.54	41.64	42.37	41.52	1.840	2.133	2.112	5.139	2.125
Stddev	.52	.52	.63	.64	.006	.004	.018	.001	.002
%RSD	1.188	1.249	1.484	1.550	.3068	.1792	.8378	.0172	.0714
#1	43.18	41.27	41.93	41.07	1.844	2.130	2.124	5.139	2.124
#2	43.91	42.00	42.82	41.98	1.836	2.135	2.099	5.138	2.126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 4:42:15 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.162	2.123	F 2.208	2.164
Stddev	.030	.008	.003	.007
%RSD	1.389	.3740	.1555	.3169
#1	2.141	2.129	2.206	2.169
#2	2.184	2.117	2.210	2.159
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000	
Range			10.00%	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81296.	38319.	1762.8	5346.5
Stddev	519.	302.	.6	.6
%RSD	.63893	.78836	.03311	.01043
#1	80929.	38533.	1762.4	5346.9
#2	81663.	38106.	1763.3	5346.1

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 4:48:10 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0001	-.0001	.0002	.0000	-.0006	-.0001
Stddev	.000	.000	.0000	.0000	.0001	.0001	.0000	.0000	.0004
%RSD	43.78	28.54	21.90	24.31	244.3	40.75	64.38	1.278	502.3
#1	.0000	-.0001	.0001	.0001	.0000	.0003	.0000	-.0006	.0002
#2	-.0001	.0000	.0000	.0001	-.0002	.0002	.0000	-.0006	-.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0045	.0005	.0018	.0002	.0007	-.0004	.0030	.0178
Stddev	.0001	.0001	.0009	.0007	.0002	.0002	.0007	.0016	.0001
%RSD	190.7	1.218	184.1	40.96	143.8	24.64	170.5	52.40	.5281
#1	-.0002	.0045	.0011	.0023	.0000	.0005	-.0009	.0019	.0177
#2	.0000	.0044	-.0001	.0012	.0003	.0008	.0001	.0041	.0179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074	.0030	.0578	.0390	.0007	.0014	.0001	.0047	-.0002
Stddev	.0005	.0016	.0078	.0018	.0001	.0004	.0011	.0001	.0006
%RSD	6.197	54.60	13.52	4.690	15.88	27.49	1526.	1.801	369.1
#1	.0077	.0018	.0523	.0403	.0006	.0017	-.0007	.0048	-.0006
#2	.0071	.0042	.0633	.0377	.0007	.0011	.0008	.0047	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 4:48:10 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	F .0014	.0011	.0008
Stddev	.000	.0002	.0013	.0001
%RSD	36.10	13.68	118.1	10.41
#1	.0000	.0016	.0021	.0007
#2	.0000	.0013	.0002	.0008
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		.0010		
Low Limit		-.0010		

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84263.	39128.	1839.4	5732.5
Stddev	246.	35.	2.2	1.8
%RSD	.29163	.08959	.11940	.03082
#1	84089.	39104.	1840.9	5733.7
#2	84437.	39153.	1837.8	5731.2

Zoom In Zoom Out

Sample Name: JA62422-2 Acquired: 12/2/2010 4:54:13 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0376	.0001	.0485	.0860	3.922	3.315	1.824	.8032	-.0092
Stddev	.0000	.0000	.0004	.0007	.011	.001	.008	.0044	.0001
%RSD	.0421	8.320	.8307	.8571	.2702	.0260	.4353	.5421	1.097
#1	.0375	.0001	.0487	.0866	3.915	3.315	1.818	.8001	-.0091
#2	.0376	.0001	.0482	.0855	3.930	3.316	1.829	.8062	-.0092

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0351	16.49	1.410	-.3196	.3167	.1929	.0957	15.37	23.19
Stddev	.0000	.09	.006	.0033	.0022	.0031	.0002	.01	.33
%RSD	.1022	.5489	.4576	1.017	.7082	1.584	.1664	.0881	1.442
#1	.0351	16.43	1.414	-.3219	.3151	.1950	.0955	15.36	22.96
#2	.0352	16.55	1.405	-.3173	.3183	.1907	.0958	15.38	23.43

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	240.0	3.851	31.21	13.74	.2306	.2292	-.0032	14.51	.0918
Stddev	2.6	.063	.02	.00	.0022	.0001	.0035	.09	.0008
%RSD	1.087	1.622	.0768	.0182	.9669	.0644	108.5	.5909	.8509
#1	238.1	3.807	31.23	13.74	.2321	.2293	-.0057	14.57	.0923
#2	241.8	3.895	31.19	13.74	.2290	.2291	-.0007	14.45	.0912

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0777	.0242	.2136	.0637
Stddev	.0001	.0000	.0012	.0048
%RSD	.0749	.1831	.5538	7.487
#1	.0777	.0241	.2128	.0670
#2	.0778	.0242	.2144	.0603

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75213.	34209.	1538.3	4880.3
Stddev	147.	64.	20.5	35.8
%RSD	.19542	.18831	1.3315	.73330
#1	75109.	34163.	1523.8	4855.0
#2	75317.	34254.	1552.8	4905.6

Zoom In Zoom Out

Sample Name: JA62657-1F Acquired: 12/2/2010 5:00:07 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1133	.0000	-.0001	.0004	.0002	.0016	.1350	.0007	-.0001
Stddev	.0011	.000	.0000	.0000	.0000	.0001	.0003	.0001	.0000
%RSD	.9600	63.84	71.53	9.876	6.436	3.309	.2379	10.89	27.64
#1	.1126	.0000	-.0001	.0004	.0002	.0017	.1352	.0007	-.0001
#2	.1141	.0000	.0000	.0004	.0002	.0016	.1348	.0006	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	.0110	.0003	-.0007	.0004	-.0007	.0000	.0290	19.48
Stddev	.0000	.0001	.0008	.0004	.0004	.0004	.0007	.0027	.03
%RSD	2.155	.9314	237.1	64.31	91.21	112.4	1691.	9.329	.1352
#1	.0005	.0110	-.0002	-.0010	.0001	-.0001	.0006	.0271	19.50
#2	.0005	.0109	.0009	-.0004	.0006	-.0012	-.0005	.0309	19.46

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1264	8.939	.9669	52.24	.0161	.0006	.0001	2.591	-.0010
Stddev	.0005	.024	.0220	.58	.0001	.0000	.0001	.008	.0001
%RSD	.4048	.2718	2.275	1.111	.3665	2.585	123.9	.3213	8.021
#1	.1267	8.921	.9513	51.83	.0162	.0006	.0002	2.597	-.0010
#2	.1260	8.956	.9825	52.65	.0161	.0006	.0000	2.585	-.0011

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0760	-.0011	.0136	.0001
Stddev	.0006	.0001	.0012	.0000
%RSD	.8485	13.35	9.200	10.36
#1	.0755	-.0012	.0145	.0001
#2	.0764	-.0010	.0127	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82540.	38982.	1778.6	5569.2
Stddev	529.	72.	5.4	11.5
%RSD	.64136	.18549	.30246	.20732
#1	82166.	38930.	1782.4	5577.4
#2	82914.	39033.	1774.8	5561.0

Zoom In Zoom Out

Sample Name: JA62657-2F Acquired: 12/2/2010 5:06:06 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0569	.0000	-.0002	.0005	.0000	.0020	.8653	.0014	.0000
Stddev	.0000	.0000	.0000	.0000	.0000	.0001	.0015	.0001	.000
%RSD	.0295	53.96	22.93	7.679	91.75	5.394	.1749	5.321	1501.
#1	.0569	.0000	-.0002	.0006	.0000	.0021	.8642	.0014	-.0003
#2	.0569	.0000	-.0001	.0005	.0001	.0020	.8664	.0013	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0003	.0097	.0001	-.0016	.0005	.0000	-.0004	.0512	15.89
Stddev	.0002	.0000	.0005	.0003	.0000	.0001	.0008	.0013	.12
%RSD	65.09	.3849	470.9	20.12	1.399	1029.	184.9	2.482	.7843
#1	.0005	.0097	.0004	-.0018	.0005	.0000	-.0010	.0521	15.80
#2	.0002	.0098	-.0002	-.0013	.0005	.0000	.0001	.0503	15.98

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0576	6.892	1.082	34.06	.0114	.0005	.0002	1.270	-.0010
Stddev	.0002	.067	.009	.01	.0000	.0000	.0009	.004	.0001
%RSD	.3800	.9783	.8781	.0342	.1205	3.128	393.7	.3125	7.039
#1	.0578	6.844	1.076	34.05	.0114	.0005	-.0004	1.273	-.0009
#2	.0575	6.939	1.089	34.07	.0114	.0005	.0008	1.267	-.0010

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0677	.0006	.0154	.0001
Stddev	.0001	.0000	.0003	.0001
%RSD	.1657	1.155	1.821	151.6
#1	.0676	.0006	.0156	.0000
#2	.0678	.0006	.0152	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82550.	39135.	1775.9	5568.4
Stddev	29.	58.	2.4	4.4
%RSD	.03529	.14763	.13570	.07848
#1	82570.	39094.	1774.2	5565.3
#2	82529.	39176.	1777.6	5571.5

Zoom In Zoom Out

Sample Name: MP55928-MB1 Acquired: 12/2/2010 5:12:05 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0000	-.0003	.0003	-.0001	.0005	.0000	-.0005	.0002
Stddev	.000	.000	.0000	.0000	.0000	.0003	.0000	.0000	.0002
%RSD	1125.	32.43	6.401	3.704	4.998	66.48	6.118	2.752	137.1
#1	.0000	-.0001	-.0003	.0003	-.0001	.0008	.0000	-.0005	.0003
#2	.0000	.0000	-.0003	.0003	-.0001	.0003	.0000	-.0005	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0003	.0010	.0043	.0014	-.0020	-.0020	.0061	-.0047
Stddev	.0002	.0000	.0002	.0001	.0005	.0005	.0001	.0025	.0002
%RSD	379.4	9.896	16.17	1.606	33.80	23.57	3.998	41.94	4.852
#1	.0002	.0003	.0011	.0044	.0011	-.0024	-.0019	.0079	-.0046
#2	-.0001	.0003	.0009	.0043	.0018	-.0017	-.0020	.0043	-.0049

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0030	-.0025	.0248	-.0123	-.0002	-.0002	.0007	.0101	.0043
Stddev	.0002	.0062	.0003	.0010	.0001	.0001	.0007	.0007	.0003
%RSD	6.435	248.1	1.102	8.108	26.18	44.34	91.42	7.126	6.740
#1	.0028	.0019	.0246	-.0131	-.0002	-.0003	.0012	.0106	.0041
#2	.0031	-.0069	.0250	-.0116	-.0003	-.0001	.0003	.0096	.0045

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	-.0001	.0001	-.0094	-.0002
Stddev	.0000	.0001	.0001	.0001
%RSD	5.263	49.37	.6004	24.55
#1	.0000	.0001	-.0093	-.0003
#2	-.0001	.0002	-.0094	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	87189.	40558.	1830.6	5781.0
Stddev	1043.	806.	12.7	28.2
%RSD	1.1962	1.9861	.69387	.48730
#1	86452.	41128.	1839.6	5800.9
#2	87927.	39989.	1821.6	5761.1

Zoom In Zoom Out

Sample Name: MP55928-B1 Acquired: 12/2/2010 5:18:07 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	4.010	.1021	.0989	1.019	.4203	.4690	1.024	.9565	.1076
Stddev	.045	.0002	.0006	.003	.0024	.0005	.006	.0033	.0004
%RSD	1.121	.1600	.6565	.3234	.5674	.1168	.5639	.3431	.3665
#1	3.978	.1019	.0985	1.017	.4220	.4687	1.029	.9542	.1078
#2	4.042	.1022	.0994	1.021	.4186	.4694	1.020	.9589	.1073

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.9723	.9971	3.885	3.797	.9082	3.726	1.008	54.00	12.52
Stddev	.0023	.0055	.011	.021	.0035	.009	.003	.35	.01
%RSD	.2410	.5472	.2867	.5565	.3824	.2530	.3041	.6561	.0716
#1	.9739	.9933	3.877	3.782	.9057	3.720	1.006	53.75	12.53
#2	.9706	1.001	3.893	3.811	.9107	3.733	1.010	54.25	12.51

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	55.23	12.14	12.84	12.55	-.0007	-.0013	.0057	.0263	.0233
Stddev	.11	.05	.09	.12	.0005	.0001	.0002	.0007	.0002
%RSD	.1981	.4221	.7028	.9720	69.53	5.015	3.087	2.852	1.052
#1	55.15	12.10	12.78	12.46	-.0010	-.0013	.0055	.0268	.0231
#2	55.31	12.17	12.90	12.64	-.0004	-.0012	.0058	.0257	.0235

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0011	.0005	.0476	.0030
Stddev	.0000	.0000	.0001	.0001
%RSD	1.743	9.234	.1126	4.932
#1	.0011	.0005	.0475	.0031
#2	.0011	.0005	.0476	.0029

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82090.	39107.	1768.0	5492.0
Stddev	8.	127.	.9	5.5
%RSD	.00940	.32502	.04985	.10049
#1	82085.	39017.	1768.7	5495.9
#2	82095.	39197.	1767.4	5488.1

Zoom In Zoom Out

Sample Name: MP55928-S1 Acquired: 12/2/2010 5:24:04 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	4.317	.1009	.1060	1.017	.5206	.6270	4.764	1.072	.1137
Stddev	.001	.0006	.0002	.001	.0017	.0013	.012	.005	.0011
%RSD	.0260	.5847	.2331	.0649	.3225	.2105	.2432	.4927	.9264
#1	4.318	.1013	.1058	1.016	.5217	.6279	4.772	1.069	.1145
#2	4.317	.1005	.1061	1.017	.5194	.6260	4.756	1.076	.1130

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	1.086	2.895	3.737	3.699	2.128	3.534	.5617	155.1	30.33
Stddev	.005	.007	.001	.020	.011	.003	.0013	1.4	.09
%RSD	.4453	.2315	.0364	.5487	.5141	.0730	.2252	.8875	.2833
#1	1.089	2.890	3.736	3.685	2.121	3.532	.5608	156.1	30.39
#2	1.082	2.899	3.738	3.713	2.136	3.535	.5626	154.1	30.27

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	223.8	34.29	22.35	13.23	.0404	.0009	-.0094	3.505	.0317
Stddev	.9	.13	.23	.14	.0001	.0001	.0008	.004	.0008
%RSD	.3933	.3780	1.027	1.060	.1854	10.86	8.588	.1039	2.494
#1	224.4	34.38	22.51	13.33	.0404	.0008	-.0100	3.502	.0312
#2	223.2	34.20	22.18	13.13	.0405	.0010	-.0088	3.507	.0323

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1466	2.191	.0921	.0720
Stddev	.0009	.007	.0006	.0004
%RSD	.6039	.3256	.7013	.5635
#1	.1472	2.196	.0926	.0717
#2	.1459	2.186	.0917	.0723

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84595.	40107.	1796.0	5258.6
Stddev	247.	366.	3.3	8.8
%RSD	.29203	.91335	.18098	.16743
#1	84420.	39848.	1793.7	5264.8
#2	84769.	40366.	1798.3	5252.4

Zoom In Zoom Out

Sample Name: MP55928-S2 Acquired: 12/2/2010 5:30:04 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	4.392	.1018	.1048	.9955	.5240	.7492	4.368	1.058	.1099
Stddev	.113	.0038	.0003	.0017	.0006	.0021	.003	.001	.0008
%RSD	2.578	3.699	.2622	.1719	.1073	.2853	.0593	.0587	.7656
#1	4.472	.1045	.1046	.9943	.5244	.7507	4.366	1.059	.1104
#2	4.312	.0992	.1050	.9967	.5236	.7477	4.369	1.058	.1093

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	1.076	3.097	3.688	3.678	1.689	3.508	.5237	161.1	30.85
Stddev	.001	.001	.007	.004	.003	.005	.0012	5.1	1.47
%RSD	.1199	.0386	.1894	.1162	.1709	.1465	.2331	3.142	4.772
#1	1.077	3.097	3.683	3.675	1.691	3.504	.5228	164.6	31.89
#2	1.075	3.098	3.693	3.681	1.687	3.511	.5246	157.5	29.81

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	221.1	36.56	22.84	12.96	.0388	.0002	-.0068	2.788	.0340
Stddev	6.3	1.52	.60	.33	.0008	.0001	.0049	.008	.0011
%RSD	2.832	4.164	2.633	2.531	2.119	40.20	72.51	.2960	3.137
#1	225.5	37.64	23.26	13.19	.0394	.0002	-.0033	2.794	.0332
#2	216.7	35.49	22.41	12.73	.0382	.0003	-.0103	2.782	.0347

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1504	2.080	.0850	.0795
Stddev	.0048	.001	.0009	.0004
%RSD	3.185	.0235	1.104	.5418
#1	.1538	2.080	.0843	.0798
#2	.1470	2.079	.0856	.0792

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84841.	39512.	1806.6	5280.8
Stddev	5.	1404.	2.4	.4
%RSD	.00565	3.5538	.13160	.00729
#1	84844.	38519.	1808.2	5280.5
#2	84838.	40505.	1804.9	5281.0

Zoom In Zoom Out

Sample Name: JA61985-2 Acquired: 12/2/2010 5:36:04 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5084	.0030	.0019	.0454	.1248	.1985	2.860	.1188	.0039
Stddev	.0099	.0000	.0001	.0002	.0039	.0063	.082	.0010	.0005
%RSD	1.955	.5147	4.942	.4550	3.126	3.151	2.881	.8320	12.39
#1	.5154	.0030	.0019	.0452	.1220	.1941	2.802	.1181	.0043
#2	.5013	.0030	.0018	.0455	.1275	.2030	2.918	.1195	.0036

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.2540	.9864	.0282	.0020	1.422	.0038	.0025	75.14	74.71
Stddev	.0077	.0027	.0004	.0016	.004	.0004	.0006	1.33	2.49
%RSD	3.017	.2731	1.289	82.86	.2542	9.583	23.13	1.764	3.332
#1	.2486	.9845	.0279	.0031	1.419	.0036	.0029	76.08	76.47
#2	.2594	.9883	.0284	.0008	1.424	.0041	.0021	74.20	72.95

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	133.6	17.77	7.077	1.836	.0471	.0023	-.0006	2.672	.0543
Stddev	3.7	.50	.108	.021	.0003	.0002	.0073	.001	.0002
%RSD	2.748	2.793	1.525	1.146	.5525	10.32	1236.	.0265	.3577
#1	136.2	18.12	7.153	1.851	.0473	.0021	.0046	2.671	.0542
#2	131.0	17.42	7.001	1.821	.0469	.0025	-.0058	2.672	.0544

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.3568	2.648	.0289	.0563
Stddev	.0072	.082	.0002	.0013
%RSD	2.022	3.080	.8198	2.248
#1	.3619	2.590	.0290	.0554
#2	.3517	2.706	.0287	.0572

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83484.	39323.	1777.1	5374.6
Stddev	2166.	966.	4.1	14.3
%RSD	2.5940	2.4564	.22817	.26563
#1	85016.	38640.	1780.0	5384.7
#2	81953.	40006.	1774.3	5364.5

Sample Name: MP55928-SD1 Acquired: 12/2/2010 5:41:57 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5042	.0029	.0010	.0466	.1264	.1958	2.933	.1518	.0044
Stddev	.0018	.0001	.0003	.0000	.0014	.0017	.006	.0007	.0017
%RSD	.3512	2.683	33.89	.0860	1.134	.8815	.2037	.4866	37.80
#1	.5029	.0030	.0007	.0466	.1254	.1946	2.929	.1513	.0056
#2	.5054	.0029	.0012	.0466	.1275	.1970	2.937	.1523	.0032

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.2549	1.124	.0296	.0060	1.428	.0029	-.0013	72.01	75.10
Stddev	.0011	.003	.0010	.0003	.002	.0018	.0015	.18	.19
%RSD	.4462	.2210	3.378	4.449	.1354	61.08	116.0	.2566	.2470
#1	.2540	1.122	.0304	.0061	1.429	.0042	-.0023	71.88	74.97
#2	.2557	1.126	.0289	.0058	1.426	.0017	-.0002	72.14	75.23

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	139.1	17.67	6.944	1.784	.0474	.0016	.0094	2.693	.0541
Stddev	.5	.04	.056	.000	.0021	.0009	.0066	.001	.0003
%RSD	.3788	.2149	.8115	.0161	4.516	55.90	70.19	.0381	.6405
#1	138.8	17.64	6.904	1.785	.0489	.0009	.0140	2.692	.0543
#2	139.5	17.69	6.984	1.784	.0459	.0022	.0047	2.693	.0538

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.3540	2.661	.0048	.0523
Stddev	.0012	.002	.0001	.0011
%RSD	.3302	.0913	2.841	2.071
#1	.3532	2.659	.0049	.0515
#2	.3548	2.662	.0047	.0531

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84885.	39921.	1815.0	5637.1
Stddev	86.	64.	4.2	13.2
%RSD	.10131	.16000	.22964	.23410
#1	84946.	39876.	1817.9	5646.4
#2	84824.	39966.	1812.0	5627.8

Sample Name: JA62700-1 Acquired: 12/2/2010 5:47:52 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0170	.0001	-.0005	.1603	1.209	.2005	1.463	3.147	.0097
Stddev	.0001	.0000	.0001	.0003	.001	.0007	.002	.008	.0001
%RSD	.6828	.5565	24.39	.2158	.1015	.3270	.1057	.2674	.9813
#1	.0171	.0001	-.0004	.1601	1.209	.2000	1.464	3.141	.0098
#2	.0169	.0001	-.0006	.1605	1.208	.2009	1.462	3.153	.0096

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	1.350	.0327	.0268	.0011	.0061	.0039	-.0005	4.940	1.558
Stddev	.001	.0002	.0006	.0000	.0010	.0000	.0001	.005	.019
%RSD	.0457	.4919	2.319	2.778	15.74	.4440	28.10	.1039	1.212
#1	1.350	.0328	.0263	.0012	.0068	.0038	-.0006	4.944	1.544
#2	1.349	.0326	.0272	.0011	.0055	.0039	-.0004	4.937	1.571

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	177.7	378.7	.2137	.4130	.0839	.0316	-.0091	5.631	.0363
Stddev	1.3	2.8	.0039	.0027	.0003	.0002	.0025	.045	.0003
%RSD	.7135	.7523	1.821	.6452	.3062	.6775	27.67	.8061	.8383
#1	176.8	376.7	.2164	.4149	.0841	.0315	-.0109	5.663	.0361
#2	178.6	380.7	.2109	.4111	.0837	.0318	-.0073	5.599	.0366

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0065	.0602	.0204	.0117
Stddev	.0000	.0001	.0001	.0011
%RSD	.2370	.2371	.7238	9.738
#1	.0065	.0601	.0205	.0125
#2	.0065	.0603	.0203	.0109

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80312.	37955.	1673.4	5192.7
Stddev	95.	56.	3.4	12.4
%RSD	.11889	.14641	.20445	.23941
#1	80245.	37915.	1675.9	5201.5
#2	80380.	37994.	1671.0	5183.9

Sample Name: CCV Acquired: 12/2/2010 5:53:48 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.103	2.139	2.138	2.166	F 2.231	2.050	2.176	2.036	F .2784
Stddev	.049	.051	.003	.004	.071	.056	.066	.002	.0079
%RSD	2.331	2.379	.1318	.1815	3.195	2.737	3.045	.1028	2.851
#1	2.068	2.103	2.136	2.163	2.181	2.011	2.129	2.035	.2728
#2	2.137	2.175	2.140	2.169	2.282	2.090	2.222	2.038	.2840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value					2.000				.2500
Range					10.00%				10.00%

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.138	2.132	2.111	2.197	1.982	2.102	2.166	41.22	41.76
Stddev	.063	.002	.003	.001	.001	.004	.001	1.00	.95
%RSD	2.962	.0978	.1565	.0587	.0660	.2080	.0473	2.419	2.283
#1	2.094	2.131	2.108	2.196	1.981	2.099	2.166	40.51	41.09
#2	2.183	2.134	2.113	2.198	1.983	2.105	2.167	41.92	42.44
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.42	41.29	41.83	40.97	1.813	2.143	2.145	5.144	2.141
Stddev	1.04	.99	1.06	1.02	.005	.006	.059	.010	.004
%RSD	2.385	2.398	2.542	2.481	.2927	.2971	2.751	.1894	.1636
#1	42.69	40.59	41.08	40.25	1.809	2.138	2.104	5.137	2.138
#2	44.15	41.99	42.58	41.69	1.816	2.147	2.187	5.151	2.143
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Sample Name: CCV Acquired: 12/2/2010 5:53:48 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.150	2.150	F 2.226	F 2.206
Stddev	.067	.064	.012	.066
%RSD	3.119	2.975	.5295	2.992
#1	2.103	2.105	2.217	2.160
#2	2.198	2.195	2.234	2.253
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80893.	39320.	1764.0	5370.8
Stddev	1901.	639.	3.1	6.5
%RSD	2.3501	1.6249	.17501	.12157
#1	82237.	39772.	1766.2	5375.4
#2	79549.	38869.	1761.8	5366.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 5:59:42 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0001	.0001	.0004	.0000	-.0005	-.0001
Stddev	.000	.000	.000	.0000	.0001	.0002	.000	.0001	.0003
%RSD	436.4	9.563	2179.	20.18	115.6	46.66	914.3	11.02	348.3
#1	.0000	.0000	.0000	.0001	.0000	.0005	.0000	-.0005	.0001
#2	.0000	.0000	.0000	.0001	.0002	.0003	.0000	-.0006	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0043	.0005	.0008	.0003	.0003	-.0005	-.0013	.0195
Stddev	.0000	.0001	.0002	.0011	.0003	.0006	.0008	.0008	.0018
%RSD	35.72	1.379	46.63	141.2	127.9	222.2	155.4	59.58	9.275
#1	-.0001	.0043	.0006	.0015	.0000	.0007	.0001	-.0018	.0182
#2	-.0001	.0042	.0003	.0000	.0005	-.0002	-.0011	-.0007	.0208
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058	.0056	.0281	-.0157	.0003	.0014	.0004	.0046	.0000
Stddev	.0013	.0080	.0026	.0011	.0003	.0002	.0005	.0001	.0003
%RSD	22.73	142.5	9.292	7.107	89.77	12.47	148.8	2.635	608.8
#1	.0067	.0112	.0262	-.0150	.0005	.0015	.0000	.0046	.0003
#2	.0049	.0000	.0299	-.0165	.0001	.0012	.0007	.0047	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 5:59:42 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	-.0001	.0007	.0014	.0009
Stddev	.0000	.0000	.0008	.0001
%RSD	2.122	2.960	57.35	9.872
#1	.0000	.0007	.0020	.0010
#2	-.0001	.0007	.0008	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84561.	39847.	1834.5	5731.6
Stddev	81.	86.	8.1	14.4
%RSD	.09562	.21668	.44371	.25045
#1	84504.	39786.	1840.3	5741.7
#2	84618.	39908.	1828.8	5721.4

Zoom In Zoom Out

Sample Name: JA62493-2 Acquired: 12/2/2010 6:05:45 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5339	.0020	.0043	.0523	.7760	.1812	2.814	.2012	.0060
Stddev	.0079	.0001	.0002	.0008	.0278	.0055	.099	.0032	.0002
%RSD	1.476	5.516	4.317	1.544	3.578	3.039	3.516	1.595	3.310
#1	.5394	.0019	.0042	.0517	.7563	.1773	2.744	.1989	.0061
#2	.5283	.0021	.0044	.0528	.7956	.1851	2.883	.2035	.0058

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.7014	4.153	.0587	-.0018	.5128	.0043	-.0005	51.09	108.9
Stddev	.0234	.067	.0015	.0011	.0071	.0009	.0005	.79	3.2
%RSD	3.337	1.610	2.511	61.54	1.383	19.92	97.17	1.540	2.964
#1	.6849	4.106	.0576	-.0010	.5078	.0037	-.0002	51.65	111.2
#2	.7180	4.201	.0597	-.0026	.5179	.0049	-.0009	50.54	106.6

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	186.3	60.79	14.36	2.764	.0258	.0459	-.0101	2.565	.0306
Stddev	1.0	1.51	.20	.034	.0006	.0007	.0071	.043	.0015
%RSD	.5280	2.485	1.420	1.231	2.367	1.471	70.24	1.658	4.827
#1	187.0	61.86	14.50	2.789	.0253	.0454	-.0051	2.535	.0295
#2	185.6	59.72	14.21	2.740	.0262	.0464	-.0151	2.595	.0316

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2308	4.694	.0632	.0448
Stddev	.0038	.157	.0008	.0004
%RSD	1.627	3.337	1.233	.9173
#1	.2335	4.583	.0627	.0451
#2	.2282	4.805	.0638	.0445

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81890.	38624.	1718.8	5221.7
Stddev	2088.	797.	27.7	71.6
%RSD	2.5496	2.0629	1.6114	1.3713
#1	83366.	38060.	1738.4	5272.4
#2	80413.	39187.	1699.3	5171.1

Zoom In Zoom Out

Sample Name: JA62493-3 Acquired: 12/2/2010 6:11:43 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.4046	.0026	.0051	.0517	.3103	.2192	1.927	.1964	.0054
Stddev	.0029	.0000	.0002	.0004	.0004	.0000	.000	.0005	.0003
%RSD	.7183	.9785	3.603	.7492	.1131	.0216	.0102	.2483	6.509
#1	.4026	.0025	.0050	.0514	.3100	.2192	1.927	.1968	.0051
#2	.4067	.0026	.0052	.0520	.3105	.2192	1.926	.1961	.0056

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5476	5.809	.0543	-.0020	1.016	.0029	.0020	49.20	154.4
Stddev	.0004	.007	.0011	.0005	.002	.0003	.0004	.38	2.8
%RSD	.0747	.1224	2.087	27.07	.2030	11.78	21.96	.7700	1.818
#1	.5478	5.804	.0535	-.0016	1.014	.0027	.0023	48.93	152.4
#2	.5473	5.814	.0551	-.0023	1.017	.0032	.0017	49.47	156.4

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	186.5	54.51	11.71	7.310	.0454	.0519	-.0126	2.943	.0294
Stddev	1.2	.07	.10	.078	.0005	.0002	.0009	.016	.0000
%RSD	.6563	.1329	.8505	1.071	1.155	.3158	6.816	.5565	.0722
#1	185.7	54.46	11.64	7.254	.0458	.0518	-.0132	2.932	.0294
#2	187.4	54.57	11.78	7.365	.0451	.0520	-.0120	2.955	.0294

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4001	2.718	.0662	.0403
Stddev	.0028	.000	.0006	.0002
%RSD	.6894	.0157	.9199	.3914
#1	.3981	2.718	.0658	.0402
#2	.4020	2.719	.0667	.0404

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81565.	38761.	1709.9	5178.6
Stddev	175.	12.	12.8	18.6
%RSD	.21485	.03067	.74626	.35988
#1	81689.	38752.	1718.9	5191.7
#2	81441.	38769.	1700.9	5165.4

Zoom In Zoom Out

Sample Name: JA62493-4 Acquired: 12/2/2010 6:17:48 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5252	.0008	.0008	.0431	.1183	.1023	1.110	.1271	.0034
Stddev	.0039	.0000	.0001	.0002	.0014	.0008	.003	.0003	.0004
%RSD	.7391	4.002	14.96	.5696	1.205	.7410	.2418	.2276	12.03
#1	.5225	.0008	.0009	.0430	.1173	.1018	1.108	.1269	.0031
#2	.5280	.0008	.0007	.0433	.1194	.1029	1.112	.1273	.0037

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4367	.3723	.0189	.0017	.3044	-.0005	-.0005	49.20	206.8
Stddev	.0002	.0012	.0001	.0002	.0007	.0002	.0004	.38	5.5
%RSD	.0495	.3203	.5174	10.40	.2389	45.29	81.23	.7655	2.677
#1	.4368	.3715	.0188	.0015	.3039	-.0006	-.0002	48.93	202.9
#2	.4365	.3732	.0189	.0018	.3049	-.0003	-.0008	49.46	210.7

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	77.12	110.6	18.09	1.895	.0234	.0072	-.0017	1.710	.0275
Stddev	.30	.2	.12	.019	.0001	.0000	.0011	.006	.0008
%RSD	.3933	.1439	.6410	1.007	.5946	.3798	62.08	.3267	3.082
#1	76.90	110.5	18.01	1.881	.0233	.0072	-.0025	1.714	.0269
#2	77.33	110.8	18.18	1.908	.0235	.0072	-.0010	1.706	.0281

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2985	4.483	.0330	.0136
Stddev	.0015	.011	.0007	.0003
%RSD	.5137	.2379	2.104	2.373
#1	.2974	4.476	.0335	.0138
#2	.2996	4.491	.0325	.0134

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80882.	39065.	1688.8	5113.9
Stddev	171.	47.	4.3	10.3
%RSD	.21176	.11973	.25560	.20207
#1	81003.	39098.	1691.8	5121.2
#2	80760.	39032.	1685.7	5106.6

Zoom In Zoom Out

Sample Name: MP55883-MB1 2 Acquired: 12/2/2010 6:23:47 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	-.0001	.0001	.0001	.0003	.0008	.0002	-.0008	.0001
Stddev	.0000	.0000	.0000	.0001	.0001	.0000	.0000	.0001	.0003
%RSD	109.8	13.17	11.73	103.0	34.25	4.147	6.600	13.49	428.5
#1	.0000	-.0001	.0000	.0001	.0002	.0008	.0002	-.0007	-.0001
#2	.0000	-.0001	.0001	.0000	.0004	.0008	.0002	-.0008	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0010	-.0001	-.0003	-.0006	.0014	-.0004	.0037	.0024
Stddev	.0003	.0001	.0001	.0003	.0009	.0002	.0005	.0019	.0007
%RSD	184.2	5.282	111.9	104.2	142.3	14.79	133.7	52.40	28.13
#1	.0000	.0011	.0000	-.0001	.0000	.0015	-.0007	.0023	.0029
#2	.0003	.0010	-.0002	-.0006	-.0013	.0012	.0000	.0051	.0019

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0145	-.0049	.0223	-.0170	-.0002	.0000	.0003	.0109	-.0004
Stddev	.0005	.0051	.0063	.0031	.0003	.000	.0005	.0004	.0001
%RSD	3.206	104.1	28.09	18.07	166.6	26.08	185.6	3.485	16.73
#1	.0148	-.0013	.0268	-.0148	-.0004	.0000	.0007	.0111	-.0003
#2	.0142	-.0085	.0179	-.0191	.0000	.0000	-.0001	.0106	-.0004

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	-.0001	.0015	-.0031	.0000
Stddev	.0000	.0002	.0000	.000
%RSD	5.902	12.41	.3012	84.81
#1	-.0001	.0014	-.0031	.0000
#2	-.0001	.0017	-.0031	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83289.	39575.	1807.4	5715.9
Stddev	667.	53.	4.5	2.6
%RSD	.80068	.13359	.24669	.04611
#1	83760.	39613.	1804.3	5714.0
#2	82817.	39538.	1810.6	5717.8

Zoom In Zoom Out

Sample Name: MP55883-MB2 Acquired: 12/2/2010 6:29:47 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0000	.0000	.0007	.0007	.0001	-.0001	-.0001
Stddev	.0001	.000	.000	.0000	.0002	.0000	.0000	.0001	.0002
%RSD	86.86	56.91	510.4	195.5	30.42	2.050	12.00	138.6	216.3
#1	.0000	-.0001	.0001	.0000	.0005	.0007	.0001	-.0002	-.0002
#2	.0001	.0000	-.0001	.0000	.0008	.0007	.0001	.0000	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0015	.0001	-.0003	.0000	.0008	-.0008	.0052	-.0010
Stddev	.0000	.0000	.0003	.0002	.0007	.0000	.0005	.0013	.0012
%RSD	3.202	1.475	255.1	58.91	1806.	.4159	70.20	24.36	116.6
#1	.0002	.0015	-.0001	-.0002	.0005	.0008	-.0004	.0061	-.0019
#2	.0002	.0015	.0003	-.0005	-.0004	.0008	-.0011	.0043	-.0002

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0114	.0032	.0258	-.0202	-.0004	-.0002	-.0001	.0215	-.0003
Stddev	.0001	.0056	.0043	.0008	.0001	.0000	.0000	.0004	.0006
%RSD	.7107	177.5	16.73	3.803	18.95	9.473	34.48	1.797	220.6
#1	.0115	.0072	.0288	-.0196	-.0005	-.0002	-.0002	.0217	.0001
#2	.0114	-.0008	.0227	-.0207	-.0004	-.0002	-.0001	.0212	-.0007

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	-.0001	.0006	-.0042	-.0001
Stddev	.0000	.0002	.0001	.0001
%RSD	3.246	28.94	2.485	78.75
#1	-.0001	.0007	-.0042	.0000
#2	-.0001	.0005	-.0041	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83793.	39733.	1806.8	5700.1
Stddev	229.	94.	4.7	12.6
%RSD	.27280	.23599	.26056	.22087
#1	83954.	39667.	1810.1	5709.0
#2	83631.	39799.	1803.5	5691.2

Zoom In Zoom Out

Sample Name: MP55883-LC1 Acquired: 12/2/2010 6:35:48 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5177	.5180	.4993	.5186	.5260	.4556	.5133	.4805	.2020
Stddev	.0073	.0106	.0007	.0004	.0019	.0000	.0019	.0002	.0000
%RSD	1.415	2.047	.1500	.0853	.3620	.0108	.3726	.0519	.0143
#1	.5126	.5105	.4987	.5183	.5246	.4557	.5120	.4803	.2019
#2	.5229	.5255	.4998	.5189	.5273	.4556	.5147	.4807	.2020

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4906	.5105	.4965	.4834	.4557	.4816	.5104	4.891	5.489
Stddev	.0016	.0001	.0016	.0018	.0008	.0007	.0011	.093	.138
%RSD	.3218	.0125	.3141	.3682	.1658	.1494	.2241	1.906	2.509
#1	.4895	.5104	.4954	.4821	.4551	.4810	.5096	4.825	5.392
#2	.4918	.5105	.4976	.4847	.4562	.4821	.5112	4.957	5.587

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.872	5.345	10.28	10.01	-.0034	.5144	.0013	.1911	-.0007
Stddev	.116	.115	.09	.14	.0002	.0017	.0002	.0020	.0010
%RSD	1.968	2.144	.9081	1.348	6.713	.3361	13.36	1.032	146.3
#1	5.790	5.264	10.21	9.917	-.0035	.5132	.0012	.1897	.0000
#2	5.953	5.426	10.34	10.11	-.0032	.5156	.0014	.1925	-.0014

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0004	.5022	.0125	.0027
Stddev	.0000	.0019	.0005	.0002
%RSD	.9379	.3779	3.689	6.934
#1	.0004	.5008	.0128	.0029
#2	.0004	.5035	.0122	.0026

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83358.	39485.	1788.1	5618.7
Stddev	93.	403.	4.0	7.3
%RSD	.11133	1.0205	.22601	.13014
#1	83292.	39770.	1791.0	5623.8
#2	83423.	39201.	1785.3	5613.5

Zoom In Zoom Out

Sample Name: MP55883-S1 Acquired: 12/2/2010 6:41:36 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.069	.0510	.0514	.5113	.2116	.2263	.5284	.4808	.0533
Stddev	.004	.0002	.0004	.0023	.0008	.0011	.0010	.0020	.0000
%RSD	.1792	.4678	.8520	.4515	.3637	.4960	.1955	.4092	.0826
#1	2.067	.0509	.0511	.5097	.2121	.2271	.5291	.4795	.0532
#2	2.072	.0512	.0517	.5130	.2111	.2255	.5276	.4822	.0533

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4868	.5034	2.000	1.961	.4586	1.954	.5189	2.544	45.32
Stddev	.0024	.0022	.007	.011	.0025	.007	.0023	.007	.38
%RSD	.4837	.4292	.3533	.5633	.5420	.3732	.4380	.2652	.8443
#1	.4884	.5019	1.995	1.953	.4568	1.949	.5173	2.540	45.05
#2	.4851	.5049	2.005	1.969	.4603	1.959	.5205	2.549	45.59

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.756	35.73	26.38	35.95	.0093	.0009	.0013	8.577	-.0026
Stddev	.007	.27	.11	.06	.0001	.0001	.0004	.026	.0011
%RSD	.4145	.7483	.4136	.1571	1.109	7.598	31.54	.3078	42.53
#1	1.750	35.54	26.30	35.91	.0093	.0009	.0016	8.558	-.0018
#2	1.761	35.92	26.46	35.99	.0092	.0010	.0010	8.595	-.0034

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0887	.0180	.0261	.0005
Stddev	.0001	.0001	.0001	.0001
%RSD	.1304	.7128	.4540	17.24
#1	.0886	.0181	.0262	.0006
#2	.0888	.0180	.0260	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82244.	39164.	1745.8	5452.0
Stddev	455.	32.	6.2	15.6
%RSD	.55378	.08202	.35238	.28597
#1	81922.	39141.	1750.2	5463.0
#2	82566.	39187.	1741.5	5441.0

Zoom In Zoom Out

Sample Name: MP55883-S2 Acquired: 12/2/2010 6:47:24 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.090	.0516	.0517	.5144	.2109	.2289	.5257	.4832	.0540
Stddev	.011	.0001	.0003	.0000	.0001	.0003	.0019	.0011	.0000
%RSD	.5045	.1910	.5043	.0018	.0263	.1153	.3672	.2250	.0520
#1	2.083	.0515	.0515	.5144	.2108	.2287	.5271	.4825	.0540
#2	2.098	.0517	.0519	.5144	.2109	.2291	.5243	.4840	.0540

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4869	.5076	2.013	1.975	.4622	1.963	.5232	2.567	46.13
Stddev	.0000	.0008	.004	.004	.0012	.003	.0005	.016	.02
%RSD	.0087	.1621	.2208	.1910	.2695	.1678	.0878	.6020	.0461
#1	.4868	.5082	2.009	1.972	.4613	1.961	.5235	2.557	46.11
#2	.4869	.5070	2.016	1.978	.4631	1.966	.5228	2.578	46.14

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.754	36.15	26.34	36.35	.0097	.0005	.0017	8.646	-.0024
Stddev	.009	.12	.03	.11	.0002	.0000	.0001	.009	.0008
%RSD	.5243	.3236	.1237	.3120	1.964	4.769	6.931	.1009	35.53
#1	1.748	36.06	26.32	36.27	.0096	.0005	.0018	8.640	-.0018
#2	1.761	36.23	26.37	36.43	.0099	.0004	.0016	8.652	-.0030

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0902	.0175	.0248	.0007
Stddev	.0003	.0001	.0001	.0000
%RSD	.3560	.8452	.2742	2.689
#1	.0900	.0176	.0247	.0007
#2	.0904	.0174	.0248	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82552.	39157.	1754.2	5455.1
Stddev	90.	82.	2.0	12.8
%RSD	.10854	.21056	.11126	.23420
#1	82489.	39099.	1755.5	5464.1
#2	82615.	39215.	1752.8	5446.1

Zoom In Zoom Out

Sample Name: JA61390-1 Acquired: 12/2/2010 6:53:14 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0572	.0000	.0000	.0000	.0028	-.0001	.0204	.0002	-.0002
Stddev	.0001	.000	.000	.0001	.0000	.0000	.0002	.0001	.0002
%RSD	.1528	327.4	81.95	287.4	.7741	40.59	.9464	38.96	103.1
#1	.0572	.0000	.0000	.0000	.0028	-.0001	.0202	.0001	-.0003
#2	.0573	.0000	-.0001	.0001	.0027	-.0001	.0205	.0002	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0012	.0066	-.0006	-.0009	.0001	.0008	-.0006	.5019	20.70
Stddev	.0001	.0001	.0002	.0010	.0001	.0001	.0003	.0050	.03
%RSD	5.372	2.196	33.37	110.9	107.2	8.259	57.12	.9953	.1521
#1	.0012	.0067	-.0007	-.0002	.0000	.0009	-.0003	.5054	20.72
#2	.0013	.0065	-.0004	-.0017	.0002	.0008	-.0008	.4984	20.68

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.6221	11.33	1.016	10.74	.0094	.0000	.0004	8.186	-.0022
Stddev	.0006	.00	.012	.08	.0002	.000	.0000	.024	.0008
%RSD	.0939	.0313	1.199	.7460	2.099	55.17	8.120	.2890	35.63
#1	.6216	11.33	1.008	10.68	.0093	.0000	.0003	8.169	-.0016
#2	.6225	11.34	1.025	10.79	.0095	.0000	.0004	8.203	-.0027

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0859	.0181	.0034	.0001
Stddev	.0001	.0013	.0001	.0001
%RSD	.1341	7.394	4.228	121.1
#1	.0858	.0191	.0033	.0001
#2	.0860	.0172	.0035	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84090.	39574.	1798.6	5668.1
Stddev	268.	159.	5.5	14.8
%RSD	.31853	.40108	.30643	.26100
#1	84280.	39462.	1802.5	5678.6
#2	83901.	39686.	1794.7	5657.6

Zoom In Zoom Out

Sample Name: MP55883-SD1 Acquired: 12/2/2010 6:59:12 Type: Unk
Method: Accutest1(v166) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0580	-.0002	-.0007	.0004	.0034	.0016	.0214	-.0037	-.0002
Stddev	.0005	.0000	.0005	.0002	.0007	.0012	.0001	.0004	.0001
%RSD	.9461	2.559	72.23	58.36	20.98	71.60	.6395	11.29	71.04
#1	.0576	-.0002	-.0010	.0002	.0039	.0024	.0213	-.0040	-.0003
#2	.0584	-.0002	-.0003	.0005	.0029	.0008	.0215	-.0034	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0018	.0357	.0001	.0032	.0001	-.0015	-.0024	.5264	21.46
Stddev	.0000	.0010	.0011	.0022	.0001	.0034	.0002	.0153	.07
%RSD	.3988	2.927	1224.	66.30	151.9	228.0	8.540	2.911	.3468
#1	.0018	.0364	-.0007	.0048	.0000	.0009	-.0023	.5156	21.41
#2	.0018	.0349	.0009	.0017	.0001	-.0039	-.0025	.5372	21.52

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.6509	11.48	1.162	10.57	.0088	-.0011	-.0014	8.302	-.0044
Stddev	.0015	.04	.021	.07	.0024	.0001	.0036	.034	.0008
%RSD	.2281	.3417	1.800	.6819	27.68	9.929	257.3	.4137	17.28
#1	.6499	11.45	1.147	10.52	.0071	-.0011	.0011	8.278	-.0049
#2	.6520	11.51	1.177	10.62	.0105	-.0010	-.0039	8.327	-.0038

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0870	.0198	-.0228	.0000
Stddev	.0007	.0007	.0021	.001
%RSD	.7641	3.384	9.397	2150.
#1	.0865	.0193	-.0244	-.0004
#2	.0875	.0203	-.0213	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84538.	39689.	1836.0	5787.1
Stddev	1.	30.	10.7	19.2
%RSD	.00145	.07468	.58151	.33199
#1	84537.	39710.	1843.6	5800.7
#2	84539.	39668.	1828.5	5773.5

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 7:05:12 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.131	2.175	2.137	2.168	2.184	2.006	2.125	2.047	.2749
Stddev	.005	.019	.005	.005	.002	.009	.002	.003	.0005
%RSD	.2427	.8717	.2343	.2143	.0726	.4602	.0690	.1588	.1690
#1	2.127	2.162	2.133	2.164	2.183	2.000	2.123	2.045	.2752
#2	2.134	2.188	2.140	2.171	2.186	2.013	2.126	2.049	.2745
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.088	2.146	2.115	2.200	1.995	2.102	2.161	41.94	42.57
Stddev	.003	.002	.006	.007	.004	.010	.010	.13	.75
%RSD	.1335	.0852	.3022	.3039	.1865	.4697	.4566	.3187	1.759
#1	2.086	2.144	2.110	2.195	1.993	2.095	2.154	41.84	42.04
#2	2.090	2.147	2.119	2.204	1.998	2.109	2.168	42.03	43.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.11	41.86	42.07	41.66	1.818	2.142	2.100	5.127	2.140
Stddev	.52	.52	.16	.20	.006	.008	.001	.020	.002
%RSD	1.170	1.249	.3685	.4718	.3383	.3826	.0345	.3796	.1050
#1	43.74	41.49	42.18	41.80	1.814	2.136	2.100	5.113	2.138
#2	44.47	42.23	41.96	41.52	1.822	2.148	2.101	5.140	2.141
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	40.00								
Range	10.00%								

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 7:05:12 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.161	2.101	F 2.223	2.166
Stddev	.028	.002	.010	.001
%RSD	1.298	.1023	.4434	.0251
#1	2.142	2.099	2.216	2.165
#2	2.181	2.103	2.230	2.166
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000	
Range			10.00%	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83124.	39139.	1783.2	5402.3
Stddev	239.	175.	6.4	16.9
%RSD	.28692	.44779	.35723	.31193
#1	83292.	39263.	1787.7	5414.2
#2	82955.	39015.	1778.7	5390.4

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 7:11:07 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0002	.0000	.0003	.0001	-.0006	.0001
Stddev	.0000	.0000	.0001	.0000	.0003	.0001	.0000	.0002	.0000
%RSD	30.84	148.0	568.0	32.97	733.6	26.13	40.51	30.19	15.68
#1	.0000	.0000	.0000	.0002	.0003	.0004	.0000	-.0007	.0001
#2	.0001	.0000	.0000	.0001	-.0002	.0003	.0001	-.0004	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0042	.0011	.0007	-.0004	.0002	-.0004	-.0002	.0216
Stddev	.0001	.0001	.0003	.0002	.0008	.0001	.0001	.0019	.0019
%RSD	9736.	1.397	28.06	28.97	191.0	28.46	27.82	814.1	8.908
#1	.0000	.0043	.0008	.0009	-.0010	.0003	-.0003	-.0016	.0229
#2	.0000	.0042	.0013	.0006	.0001	.0002	-.0004	.0011	.0202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049	-.0010	.0274	-.0140	.0002	.0014	.0000	.0039	-.0008
Stddev	.0009	.0102	.0082	.0008	.0003	.0002	.0001	.0008	.0000
%RSD	17.97	1043.	30.04	5.601	135.3	16.71	457.1	20.85	2.596
#1	.0055	-.0082	.0216	-.0135	.0004	.0016	.0001	.0033	-.0008
#2	.0042	.0062	.0332	-.0146	.0000	.0013	-.0001	.0045	-.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 7:11:07 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0008	.0022	.0009
Stddev	.0000	.0002	.0002	.0001
%RSD	448.6	27.79	8.327	10.03
#1	.0000	.0006	.0023	.0010
#2	.0000	.0009	.0021	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85022.	39783.	1836.5	5753.2
Stddev	120.	22.	8.4	22.7
%RSD	.14092	.05602	.46011	.39438
#1	84937.	39799.	1842.5	5769.3
#2	85107.	39768.	1830.5	5737.2

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 7:17:11 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0042	-.0001	-.0006	.0018	.0001	.0016	-.0003	-.0001	.0015
Stddev	.0000	.0000	.0001	.0000	.0001	.0000	.0000	.0001	.0003
%RSD	.7704	11.39	14.32	2.252	91.20	1.206	15.78	53.83	23.22
#1	-.0043	-.0001	-.0007	.0019	.0001	.0016	-.0002	-.0001	.0012
#2	-.0042	-.0001	-.0006	.0018	.0000	.0016	-.0003	-.0001	.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	-.0016	.0024	.0014	-.0002	-.0013	-.0009	518.2	396.9
Stddev	.0005	.0000	.0012	.0015	.0004	.0015	.0018	2.5	6.3
%RSD	48.08	1.471	49.89	102.8	178.0	115.5	209.1	.4825	1.592
#1	.0007	-.0016	.0033	.0024	-.0005	-.0002	.0004	516.4	392.4
#2	.0014	-.0016	.0016	.0004	.0001	-.0024	-.0022	519.9	401.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	195.9	536.6	-.0020	.4063	-.0050	.0021	-.0411	-.0096	-.0076
Stddev	2.6	2.1	.0018	.0042	.0001	.0008	.0023	.0008	.0002
%RSD	1.339	.3858	89.92	1.026	1.965	38.00	5.537	8.070	3.112
#1	194.0	535.1	-.0033	.4034	-.0051	.0027	-.0427	-.0101	-.0074
#2	197.7	538.0	-.0007	.4093	-.0050	.0015	-.0395	-.0090	-.0077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 7:17:11 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	.0035	.0368	.0058
Stddev	.0001	.0004	.0005	.0002
%RSD	17.47	11.83	1.363	2.757
#1	.0007	.0038	.0364	.0057
#2	.0005	.0032	.0371	.0059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76339.	36984.	1613.6	4637.3
Stddev	285.	27.	4.8	8.6
%RSD	.37365	.07196	.29880	.18562
#1	76541.	37003.	1617.0	4643.4
#2	76138.	36965.	1610.2	4631.2

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 7:23:25 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5448	.5257	1.132	.5070	.5387	.5277	.5331	.9993	1.198
Stddev	.0017	.0030	.000	.0012	.0001	.0005	.0001	.0033	.000
%RSD	.3062	.5713	.0197	.2300	.0200	.0964	.0196	.3348	.0182
#1	.5436	.5236	1.133	.5062	.5388	.5280	.5331	.9970	1.198
#2	.5459	.5278	1.132	.5078	.5386	.5273	.5332	1.002	1.198
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5044	.9506	1.082	1.063	.9894	1.032	1.130	537.7	412.7
Stddev	.0003	.0034	.001	.001	.0017	.001	.002	2.3	.0
%RSD	.0539	.3568	.0666	.0549	.1682	.0833	.1780	.4273	.0012
#1	.5042	.9482	1.083	1.063	.9882	1.033	1.131	536.1	412.7
#2	.5046	.9530	1.082	1.064	.9906	1.032	1.128	539.3	412.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	201.3	548.5	-.0124	.4521	-.0221	.5268	.5572	-.0115	-.0079
Stddev	1.3	3.6	.0075	.0039	.0011	.0011	.0016	.0012	.0003
%RSD	.6267	.6566	60.02	.8716	4.771	.2153	.2819	10.24	4.274
#1	200.4	546.0	-.0177	.4493	-.0214	.5260	.5583	-.0123	-.0076
#2	202.2	551.1	-.0072	.4549	-.0228	.5276	.5561	-.0106	-.0081
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 7:23:25 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0007	.0034	.5624	.4621
Stddev	.0001	.0001	.0018	.0074
%RSD	11.95	1.758	.3114	1.593
#1	.0006	.0034	.5612	.4569
#2	.0007	.0033	.5636	.4673
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76268.	36737.	1615.2	4620.6
Stddev	12.	28.	2.6	1.6
%RSD	.01610	.07655	.16092	.03508
#1	76259.	36756.	1613.4	4621.8
#2	76277.	36717.	1617.1	4619.5

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 7:29:32 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.156	2.186	2.147	2.178	F 2.214	2.008	2.154	2.052	F .2757
Stddev	.010	.011	.001	.002	.001	.004	.000	.003	.0004
%RSD	.4513	.4873	.0367	.0970	.0221	.1905	.0209	.1367	.1303
#1	2.149	2.178	2.146	2.177	2.215	2.005	2.154	2.050	.2760
#2	2.162	2.193	2.147	2.180	2.214	2.011	2.154	2.054	.2755
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value					2.000				.2500
Range					10.00%				10.00%

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.111	2.148	2.125	F 2.209	1.998	2.114	2.177	42.37	42.56
Stddev	.000	.001	.001	.000	.003	.004	.000	.20	.16
%RSD	.0189	.0653	.0422	.0004	.1323	.1860	.0149	.4653	.3793
#1	2.111	2.149	2.124	2.209	1.996	2.112	2.177	42.23	42.45
#2	2.111	2.147	2.126	2.209	2.000	2.117	2.177	42.51	42.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000					
Range				10.00%					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.40	42.01	42.50	42.03	1.822	2.156	2.106	5.162	2.149
Stddev	.23	.13	.12	.20	.008	.004	.004	.007	.001
%RSD	.5213	.3160	.2930	.4820	.4266	.1785	.1820	.1381	.0673
#1	44.24	41.92	42.41	41.88	1.816	2.153	2.103	5.157	2.148
#2	44.56	42.11	42.59	42.17	1.827	2.158	2.108	5.167	2.150
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	40.00								
Range	10.00%								

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 7:29:32 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.195	2.124	F 2.244	F 2.209
Stddev	.011	.001	.009	.006
%RSD	.5075	.0660	.3810	.2539
#1	2.187	2.123	2.238	2.213
#2	2.203	2.125	2.250	2.205
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82950.	39107.	1769.1	5372.4
Stddev	179.	28.	3.2	12.6
%RSD	.21581	.07262	.18288	.23523
#1	83077.	39086.	1771.4	5381.4
#2	82824.	39127.	1766.8	5363.5

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 7:35:26 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0000	.0000	.0003	.0001	-.0008	.0000
Stddev	.0000	.000	.000	.0001	.000	.0001	.0000	.0002	.000
%RSD	16.47	26.44	334.3	155.9	2062.	25.45	2.640	26.92	457.4
#1	.0000	.0000	.0000	.0000	.0002	.0004	.0001	-.0009	.0001
#2	.0000	.0000	.0000	.0001	-.0003	.0003	.0001	-.0006	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0044	.0004	F .0020	.0005	-.0006	-.0003	.0044	.0220
Stddev	.0002	.0001	.0003	.0001	.0000	.0006	.0001	.0022	.0006
%RSD	175.7	1.431	71.64	4.328	5.716	87.54	37.11	50.18	2.711
#1	-.0002	.0043	.0002	.0020	.0005	-.0002	-.0004	.0059	.0225
#2	.0000	.0044	.0006	.0021	.0005	-.0010	-.0002	.0028	.0216
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	-.0020	.0254	-.0171	.0006	.0015	.0009	.0036	.0001
Stddev	.0011	.0018	.0063	.0029	.0007	.0002	.0002	.0003	.0003
%RSD	22.35	86.99	24.68	17.11	117.4	12.98	21.19	7.697	250.7
#1	.0058	-.0008	.0298	-.0151	.0011	.0017	.0007	.0038	-.0001
#2	.0043	-.0033	.0210	-.0192	.0001	.0014	.0010	.0034	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 7:35:26 Type: QC
Method: Accutest1(v166) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0008	.0049	.0011
Stddev	.000	.0003	.0005	.0001
%RSD	8.425	37.71	10.19	5.289
#1	.0000	.0010	.0052	.0010
#2	.0000	.0006	.0045	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84880.	39742.	1835.0	5738.5
Stddev	228.	44.	7.8	23.3
%RSD	.26834	.11024	.42554	.40631
#1	84719.	39773.	1840.5	5755.0
#2	85041.	39711.	1829.5	5722.0

NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ba 455.403 { 74}	☒	2	Mg	0.000007	0.000000	No
			Al	0.000002	0.000000	No
Be 313.042 {108}	☒	10	V	0.000140	0.000000	No
			Mo	-0.000037	0.000000	No
			Ti	-0.000700	0.000000	No
			Mn	-0.000033	0.000000	No
			Ba	0.000015	0.000000	No
			Co	0.000010	0.000000	No
			Ni	0.000004	0.000000	No
			Ca	0.000000	0.000000	No
			Cu	0.000034	0.000000	No
			Zn	-0.000010	0.000000	No
Cd 228.802 {448}	☒	13	As	0.007600	0.000000	No
			Ni	-0.000119	0.000000	No
			Fe	0.000008	0.000000	No
			V	-0.000239	0.000000	No
			Ba	-0.000047	0.000000	No
			Co	-0.003447	0.000000	No
			Sr	-0.000006	0.000000	No
			Ca	-0.000000	0.000000	No
			Mn	-0.000021	0.000000	No
			Cr	0.000025	0.000000	No
			Si	-0.000005	0.000000	No
			Cu	-0.000026	0.000000	No
			W	-0.000550	0.000000	No
Co 228.616 {448}	☒	8	Fe	0.000034	0.000000	No
			Cr	-0.000049	0.000000	No
			Mo	-0.001530	0.000000	No
			Ni	0.000106	0.000000	No
			Ti	0.001962	0.000000	No
			Ba	0.000080	0.000000	No
			W	0.000660	0.000000	No
			Cd	-0.000060	0.000000	No
Cr 267.716 {126}	☒	13	Mn	0.000202	0.000000	No
			V	-0.000022	0.000000	No
			Mo	0.000018	0.000000	No
			Fe	-0.000011	0.000000	No
			W	0.000253	0.000000	No
			Cd	-0.000050	0.000000	No
			Al	0.000002	0.000000	No
			Ca	-0.000001	0.000000	No
			Mg	0.000000	0.000000	No
			Ti	0.000100	0.000000	No
			Sn	0.000000	0.000000	No
			Ba	-0.000005	0.000000	No
			Cu	0.000100	0.000000	No
Cu 324.754 {104}2	☒	13	Cr	-0.000171	0.000000	No
			V	-0.000183	0.000000	No
			Mo	0.000656	0.000000	No
			Ti	-0.000182	0.000000	No
			Fe	-0.000082	0.000000	No
			Al	0.000003	0.000000	No
			Sn	0.000203	0.000000	No
			Zn	-0.000004	0.000000	No
			Co	-0.000300	0.000000	No
			Zr	-0.000100	0.000000	No
			Si	0.000120	0.000000	No
			Mn	0.000000	0.000000	No
			Se	0.000850	0.000000	No
Mn 257.610 {131}	☒	4	Fe	-0.000003	0.000000	No
			Si	0.000050	0.000000	No
			Ba	0.000100	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			As	0.000200	0.000000	No
Ni 231.604 {446}	☒	15	Fe	0.000015	0.000000	No
			Zn	0.000079	0.000000	No
			Be	-0.000087	0.000000	No
			Co	0.000059	0.000000	No
			Tl	0.000209	0.000000	No
			Mg	0.000002	0.000000	No
			Mo	-0.000150	0.000000	No
			V	-0.000032	0.000000	No
			Cu	0.000050	0.000000	No
			Se	0.000100	0.000000	No
			Al	-0.000001	0.000000	No
			Cr	0.000006	0.000000	No
			Si	-0.000030	0.000000	No
			Sn	0.000079	0.000000	No
			Ba	0.000000	0.000000	No
Ag 328.068 {103}	☒	10	Mn	0.000010	0.000000	No
			Mo	0.000023	0.000000	No
			Ti	-0.000150	0.000000	No
			Fe	-0.000093	0.000000	No
			V	-0.008200	0.000000	No
			Zn	-0.000048	0.000000	No
			W	0.000030	0.000000	No
			Ca	0.000000	0.000000	No
			Zr	0.005376	0.000000	No
			Al	-0.000001	0.000000	No
V 292.402 {115}	☒	6	Ti	0.000430	0.000000	No
			Mo	-0.000100	0.000000	No
			Fe	0.000006	0.000000	No
			Sr	-0.000100	0.000000	No
			Cr	-0.003944	0.000000	No
			Mn	-0.000370	0.000000	No
Zn 206.200 {464}	☒	12	Cr	-0.000950	0.000000	No
			Mo	-0.000070	0.000000	No
			Fe	0.000013	0.000000	No
			Al	-0.000003	0.000000	No
			Si	-0.000035	0.000000	No
			Mn	0.000205	0.000000	No
			Ba	0.000390	0.000000	No
			Na	0.000003	0.000000	No
			Ca	0.000007	0.000000	No
			Sr	-0.000833	0.000000	No
			Sn	0.000255	0.000000	No
			Cu	0.000056	0.000000	No
As 189.042 {478}	☒	20	Al	0.000008	0.000000	No
			Fe	-0.000016	0.000000	No
			Ca	-0.000002	0.000000	No
			Mn	-0.000003	0.000000	No
			Mo	0.000975	0.000000	No
			Cr	0.000562	0.000000	No
			V	0.000057	0.000000	No
			Co	-0.000558	0.000000	No
			Ba	0.000033	0.000000	No
			W	0.001590	0.000000	No
			Sn	-0.000037	0.000000	No
			Cd	-0.000228	0.000000	No
			Tl	-0.000110	0.000000	No
			Be	-0.000007	0.000000	No
			Mg	0.000000	0.000000	No
			Si	0.000155	0.000000	No
			Zn	-0.000135	0.000000	No
			Sr	-0.000080	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Pd	0.032230	0.000000	No
			Zr	0.002000	0.000000	No
Tl 190.856 {477}	☒	22	Cr	0.000951	0.000000	No
			Mo	-0.005685	0.000000	No
			Al	0.000000	0.000000	No
			Fe	-0.000118	0.000000	No
			V	-0.017300	0.000000	No
			Mn	0.001126	0.000000	No
			Si	0.000177	0.000000	No
			Ca	-0.000001	0.000000	No
			Ti	-0.000510	0.000000	No
			Na	0.000000	0.000000	No
			Mg	-0.000001	0.000000	No
			Co	0.003990	0.000000	No
			Sr	-0.000288	0.000000	No
			B	0.000128	0.000000	No
			Ba	0.000091	0.000000	No
			Zn	0.000321	0.000000	No
			As	0.000153	0.000000	No
			W	-0.042400	0.000000	No
			Ni	0.000056	0.000000	No
			Cu	-0.000167	0.000000	No
			Zr	-0.002000	0.000000	No
			Pd	-0.000500	0.000000	No
Pb 220.353 {453}	☒	22	Al	-0.000097	0.000000	No
			Fe	0.000063	0.000000	No
			Ca	0.000002	0.000000	No
			Mn	0.000063	0.000000	No
			Zn	-0.000036	0.000000	No
			Mo	-0.001174	0.000000	No
			Ni	0.000382	0.000000	No
			Cu	0.000160	0.000000	No
			V	-0.000088	0.000000	No
			Co	0.000211	0.000000	No
			Ti	-0.000003	0.000000	No
			Si	-0.000052	0.000000	No
			Ba	-0.000030	0.000000	No
			Sb	-0.000200	0.000000	No
			K	0.000000	0.000000	No
			Sr	-0.000060	0.000000	No
			W	-0.006750	0.000000	No
			Mg	0.000000	0.000000	No
			Cd	-0.000018	0.000000	No
			Cr	0.000022	0.000000	No
			Pd	0.000170	0.000000	No
			Zr	-0.000500	0.000000	No
Se 196.090 {472}	☒	20	Al	-0.000005	0.000000	No
			Ca	0.000005	0.000000	No
			Mn	0.000323	0.000000	No
			Mo	0.000081	0.000000	No
			Fe	-0.000130	0.000000	No
			Co	-0.000586	0.000000	No
			V	0.000007	0.000000	No
			Sr	-0.000125	0.000000	No
			Cu	-0.000007	0.000000	No
			W	0.007206	0.000000	No
			Si	0.000011	0.000000	No
			Tl	0.000204	0.000000	No
			Be	-0.000143	0.000000	No
			Zn	-0.000130	0.000000	No
			B	0.000025	0.000000	No
			Pd	-0.001682	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ti	-0.000200	0.000000	No
			Cd	-0.000210	0.000000	No
			Zr	-0.000400	0.000000	No
			Ba	0.000081	0.000000	No
Sb 206.833 {463}	☒	13	Fe	0.000019	0.000000	No
			Al	0.000005	0.000000	No
			Ca	-0.000001	0.000000	No
			Ni	-0.001489	0.000000	No
			Cr	0.007570	0.000000	No
			V	-0.000544	0.000000	No
			Zn	0.000188	0.000000	No
			Mo	-0.000600	0.000000	No
			Ti	0.000220	0.000000	No
			Sn	-0.012900	0.000000	No
			W	-0.000500	0.000000	No
			Mg	-0.000001	0.000000	No
			Zr	-0.001300	0.000000	No
Al 396.152 { 85}	☒	4	Si	0.002976	0.000000	No
			Ca	0.000105	0.000000	No
			Mo	0.038910	0.000000	No
			Zr	-0.031182	0.000000	No
Ca 317.933 {106}	☒	16	Fe	0.000630	0.000000	No
			Ti	0.000560	0.000000	No
			W	0.023000	0.000000	No
			Tl	0.004950	0.000000	No
			Be	0.016000	0.000000	No
			Ba	0.008500	0.000000	No
			Cu	0.015200	0.000000	No
			Cd	0.008700	0.000000	No
			Ni	0.006667	0.000000	No
			Pd	0.097700	0.000000	No
			Mn	0.000000	0.000000	No
			B	-0.000210	0.000000	No
			Se	0.017000	0.000000	No
			Co	0.027000	0.000000	No
			Cr	0.024000	0.000000	No
			Al	0.000056	0.000000	No
Fe 259.940 {130}	☒	13	Co	0.000004	0.000000	No
			Si	-0.001181	0.000000	No
			Tl	-0.002602	0.000000	No
			Se	0.000000	0.000000	No
			Cr	-0.000566	0.000000	No
			Mn	0.000000	0.000000	No
			V	-0.000064	0.000000	No
			Cu	0.000953	0.000000	No
			K	-0.001830	0.000000	No
			Zn	0.007900	0.000000	No
			Ti	-0.000631	0.000000	No
			Ca	0.000020	0.000000	No
			Ba	0.001000	0.000000	No
Mg 279.079 {121}	☒	3	Mo	-0.010250	0.000000	No
			W	-0.006578	0.000000	No
			Mn	-0.005360	0.000000	No
K 766.490 { 44}	☒	11	Fe	-0.000340	0.000000	No
			Al	-0.000023	0.000000	No
			Ca	0.000179	0.000000	No
			Mn	0.001430	0.000000	No
			Si	-0.003000	0.000000	No
			V	-0.002000	0.000000	No
			Pd	0.004000	0.000000	No
			Sn	-0.004700	0.000000	No
			Na	-0.004000	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ba	0.007300	0.000000	No
			Mo	-0.000850	0.000000	No
Na 589.592 { 57}	☒	4	K	-0.000560	0.000000	No
			Ba	0.000900	0.000000	No
			Ca	0.000050	0.000000	No
			Al	-0.000800	0.000000	No
B 208.959 {462}	☒	1	Mo	0.037990	0.000000	No
Mo 202.030 {467}	☒	5	Co	0.000000	0.000000	No
			Al	0.000016	0.000000	No
			Fe	-0.000010	0.000000	No
			Mg	-0.000026	0.000000	No
			Ca	0.000003	0.000000	No
Pd 340.458 { 99}	☒	7	Ti	-0.000339	0.000000	No
			V	0.000132	0.000000	No
			Sn	-0.000006	0.000000	No
			Fe	-0.000929	0.000000	No
			Mo	-0.001720	0.000000	No
			Zr	0.009955	0.000000	No
			Co	-0.003300	0.000000	No
Si 212.412 {459}	☒	11	Sr	0.000366	0.000000	No
			Ni	0.000106	0.000000	No
			Mo	0.014750	0.000000	No
			V	-0.000260	0.000000	No
			Ti	0.002730	0.000000	No
			Al	-0.000027	0.000000	No
			Cd	0.001043	0.000000	No
			Ba	0.000170	0.000000	No
			Fe	0.000044	0.000000	No
			Sn	0.005721	0.000000	No
			Zn	0.000385	0.000000	No
Sn 189.989 {478}	☒	5	Ti	-0.000590	0.000000	No
			Mo	0.000071	0.000000	No
			Fe	0.000043	0.000000	No
			Mn	0.000501	0.000000	No
			Si	0.000131	0.000000	No
Sr 407.771 { 83}	☒	2	Fe	0.000000	0.000000	No
			Ca	0.000020	0.000000	No
Ti 334.904 {101}	☒	3	Cr	0.000189	0.000000	No
			Mo	0.001417	0.000000	No
			Si	0.000965	0.000000	No
Y 360.073 { 94}*	☒	None				
Y 371.030 { 91}*	☒	None				
Y 224.306 {451}*	☒	None				
In 230.606 {446}*	☒	None				
W 207.911 {462}	☒	25	Al	-0.000018	0.000000	No
			Si	-0.000900	0.000000	No
			Ca	-0.000026	0.000000	No
			Fe	-0.000077	0.000000	No
			As	-0.005400	0.000000	No
			Mg	-0.000006	0.000000	No
			Mn	-0.000900	0.000000	No
			Mo	-0.000900	0.000000	No
			Ti	-0.002000	0.000000	No
			Sr	-0.000850	0.000000	No
			V	-0.001300	0.000000	No
			Cd	-0.000650	0.000000	No
			Cr	-0.000880	0.000000	No
			Zn	0.006121	0.000000	No
			Pd	-0.011600	0.000000	No
			Sn	-0.000500	0.000000	No
			Zr	0.005930	0.000000	No
			B	-0.001000	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Sb	-0.001000	0.000000	No
				Co	-0.001000	0.000000	No
				Ni	-0.001000	0.000000	No
				Be	-0.001000	0.000000	No
				Se	-0.001100	0.000000	No
				Cu	-0.001300	0.000000	No
				Ba	-0.001000	0.000000	No
	Zr 339.198 { 99}	☒	3	Mo	0.000700	0.000000	No
				Ti	0.002900	0.000000	No
				Fe	-0.000060	0.000000	No

Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 12/2/2010 9:13:41 Type: Cal
Method: Accutest1(v168) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005	.0002	.0010	-.0006	.0001	.0041	.0000	.0031	.0000
Stddev	.0001	.0000	.0000	.0001	.0000	.0000	.0000	.0000	.000
%RSD	14.03	5.629	1.880	13.89	10.94	1.133	18.93	.1708	364.1
#1	.0006	.0002	.0010	-.0007	.0001	.0041	.0000	.0031	-.0001
#2	.0005	.0002	.0011	-.0006	.0001	.0041	.0000	.0031	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0003	-.0005	-.0006	-.0006	.0012	-.0004	.0000	.0065
Stddev	.0000	.0001	.0001	.0000	.0001	.0000	.0002	.000	.0000
%RSD	13.74	18.14	15.68	.5691	22.55	4.109	42.23	195.0	.3851
#1	.0001	-.0003	-.0005	-.0006	-.0007	.0012	-.0003	-.0001	.0065
#2	.0001	-.0004	-.0006	-.0006	-.0005	.0012	-.0005	.0000	.0065

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0000	.0002	.0007	-.0001	.0003	.0000	.0061	-.0004
Stddev	.0000	.000	.0003	.0000	.0001	.0000	.0000	.0004	.0001
%RSD	13.85	22.31	145.8	1.362	67.99	5.269	94.08	6.463	18.54
#1	.0000	.0000	.0000	.0006	-.0001	.0003	.0000	.0058	-.0003
#2	.0000	.0000	.0004	.0007	.0000	.0003	.0000	.0064	-.0004

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0032	-.0002	.0054	-.0001
Stddev	.0000	.0000	.0003	.0000
%RSD	.2314	29.67	5.646	9.588
#1	-.0032	-.0002	.0056	-.0001
#2	-.0032	-.0001	.0052	-.0001

◀ Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 12/2/2010 9:13:41 Type: Cal
Method: Accutest1(v168) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85178.	39655.	1852.2	5808.4
Stddev	754.	149.	5.4	7.7
%RSD	.88512	.37670	.29215	.13211
#1	84645.	39761.	1856.0	5813.8
#2	85711.	39549.	1848.4	5803.0

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 12/2/2010 9:19:42 Type: Cal
Method: Accutest1(v168) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.965	2.392	1.388	1.229	.0786	.2963	.4409	.3293	.0165
Stddev	.013	.011	.002	.001	.0001	.0020	.0003	.0012	.0000
%RSD	.6500	.4613	.1583	.0675	.0658	.6593	.0600	.3531	.1614
#1	1.956	2.384	1.389	1.230	.0785	.2950	.4407	.3301	.0165
#2	1.974	2.400	1.386	1.229	.0786	.2977	.4411	.3285	.0165

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1329	.8493	.2143	.0553	.1209	.1574	.3077	.4950	.9250
Stddev	.0002	.0033	.0001	.0001	.0006	.0001	.0006	.0024	.0018
%RSD	.1669	.3933	.0328	.2137	.5010	.0536	.1854	.4842	.1943
#1	.1327	.8517	.2142	.0553	.1214	.1574	.3081	.4933	.9237
#2	.1330	.8470	.2143	.0552	.1205	.1575	.3073	.4967	.9262

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7733	.0910	.3850	1.346	.2167	1.301	.0624	.9370	.2352
Stddev	.0038	.0006	.0019	.007	.0000	.001	.0004	.0005	.0002
%RSD	.4955	.6298	.5063	.5394	.0193	.0482	.6183	.0550	.0667
#1	.7706	.0906	.3836	1.340	.2166	1.301	.0621	.9374	.2353
#2	.7761	.0914	.3864	1.351	.2167	1.302	.0627	.9366	.2351

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.420	.1531	.5090	.3627
Stddev	.022	.0005	.0013	.0023
%RSD	.6436	.3470	.2572	.6337
#1	3.404	.1527	.5081	.3611
#2	3.435	.1534	.5099	.3643

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 12/2/2010 9:19:42 Type: Cal
Method: Accutest1(v168) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85162.	39978.	1821.5	5626.1
Stddev	464.	16.	3.3	3.3
%RSD	.54539	.03908	.18171	.05785
#1	85490.	39990.	1823.9	5623.8
#2	84833.	39967.	1819.2	5628.4

Zoom In Zoom Out

Sample Name: STDC Acquired: 12/2/2010 9:25:29 Type: Cal
Method: Accutest1(v168) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.778	9.278	5.601	4.852	.3088	1.249	1.725	1.320	.0691
Stddev	.042	.069	.010	.009	.0022	.000	.009	.002	.0001
%RSD	.5444	.7484	.1719	.1855	.6984	.0010	.5130	.1671	.2047
#1	7.748	9.229	5.594	4.846	.3103	1.249	1.731	1.318	.0692
#2	7.808	9.328	5.608	4.859	.3072	1.249	1.718	1.321	.0690

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5292	3.278	.8741	.2246	.4942	.6391	1.255	2.070	3.693
Stddev	.0025	.008	.0024	.0006	.0000	.0024	.005	.003	.010
%RSD	.4707	.2501	.2797	.2704	.0100	.3736	.3911	.1302	.2702
#1	.5310	3.272	.8724	.2242	.4942	.6374	1.252	2.068	3.686
#2	.5275	3.283	.8758	.2251	.4941	.6408	1.259	2.072	3.700

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.031	.3761	1.580	5.454	.8908	5.160	.2622	3.834	.9351
Stddev	.010	.0011	.002	.005	.0012	.011	.0002	.009	.0022
%RSD	.3225	.2977	.0940	.0994	.1306	.2202	.0914	.2471	.2325
#1	3.024	.3753	1.581	5.458	.8900	5.152	.2620	3.827	.9336
#2	3.038	.3768	1.579	5.450	.8917	5.168	.2623	3.840	.9366

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.39	.6200	1.908	1.456
Stddev	.01	.0015	.016	.001
%RSD	.0722	.2454	.8281	.0946
#1	13.40	.6211	1.896	1.457
#2	13.38	.6189	1.919	1.455

Zoom In Zoom Out

Sample Name: STDC Acquired: 12/2/2010 9:25:29 Type: Cal
Method: Accutest1(v168) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81910.	38828.	1726.4	5167.6
Stddev	167.	17.	3.8	7.3
%RSD	.20406	.04325	.22075	.14141
#1	81792.	38840.	1729.1	5172.8
#2	82028.	38816.	1723.7	5162.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 9:31:42 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.021	2.036	1.997	2.013	1.983	1.959	1.987	1.995	.2431
Stddev	.008	.011	.005	.003	.016	.004	.015	.004	.0012
%RSD	.4135	.5476	.2306	.1421	.8144	.2315	.7715	.2239	.4993
#1	2.015	2.029	1.994	2.011	1.994	1.956	1.998	1.991	.2439
#2	2.027	2.044	2.000	2.015	1.971	1.963	1.976	1.998	.2422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.957	2.025	2.003	2.006	1.996	1.999	1.988	39.09	39.19
Stddev	.008	.006	.006	.006	.009	.005	.002	.21	.33
%RSD	.4198	.2761	.3125	.2913	.4702	.2276	.1063	.5252	.8334
#1	1.963	2.021	1.999	2.002	1.990	1.996	1.987	38.95	38.96
#2	1.951	2.029	2.008	2.010	2.003	2.002	1.990	39.24	39.42
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.80	38.70	38.93	39.66	2.013	2.015	1.947	4.955	2.014
Stddev	.30	.24	.09	.13	.001	.006	.003	.011	.002
%RSD	.7626	.6092	.2342	.3318	.0290	.2997	.1385	.2137	.1191
#1	39.59	38.53	38.87	39.57	2.013	2.011	1.949	4.947	2.012
#2	40.02	38.87	39.00	39.75	2.014	2.019	1.945	4.962	2.016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 9:31:42 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.991	1.967	2.143	2.160
Stddev	.000	.009	.007	.003
%RSD	.0043	.4306	.3395	.1333
#1	1.991	1.973	2.138	2.162
#2	1.991	1.961	2.148	2.158
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84099.	39664.	1768.4	5400.0
Stddev	331.	57.	3.3	13.2
%RSD	.39376	.14409	.18764	.24462
#1	83865.	39704.	1770.8	5409.4
#2	84333.	39624.	1766.1	5390.7

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 9:37:37 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0000	.0001	.0000	.0000	.0000	.0001	.0002	.0001
Stddev	.0001	.0000	.0000	.0000	.0005	.000	.0000	.0001	.0000
%RSD	98.98	72.91	3.291	2.033	1928.	1790.	22.84	69.34	.8224
#1	-.0001	.0000	.0001	.0000	.0004	-.0001	.0001	.0001	.0001
#2	.0000	.0000	.0001	.0000	-.0003	.0001	.0001	.0003	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0000	.0010	.0019	-.0006	.0013	.0001	.0019	-.0009
Stddev	.0001	.000	.0002	.0008	.0008	.0003	.0011	.0018	.0011
%RSD	69.48	259.6	19.50	41.37	138.8	24.85	855.6	94.55	125.2
#1	-.0002	-.0001	.0008	.0025	.0000	.0011	.0009	.0032	-.0016
#2	-.0001	.0000	.0011	.0014	-.0012	.0015	-.0006	.0006	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035	.0050	-.0047	.0045	.0024	F .0026	-.0006	.0004	.0000
Stddev	.0016	.0029	.0006	.0014	.0000	.0004	.0002	.0000	.000
%RSD	44.62	58.03	12.06	31.53	1.007	13.98	36.00	6.462	1363.
#1	.0046	.0030	-.0043	.0055	.0024	.0029	-.0005	.0004	.0001
#2	.0024	.0071	-.0050	.0035	.0025	.0024	-.0008	.0004	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0021			
Low Limit						-.0021			

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 9:37:37 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0008	F .0359	F .0015
Stddev	.0000	.0005	.0025	.0000
%RSD	52.23	65.62	7.072	1.293
#1	.0000	.0011	.0377	.0015
#2	.0000	.0004	.0341	.0015
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit			.0327	.0015
Low Limit			-.0327	-.0015

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85364.	39968.	1844.0	5791.8
Stddev	675.	209.	2.9	13.9
%RSD	.79094	.52360	.15620	.23983
#1	85842.	40116.	1846.1	5801.6
#2	84887.	39820.	1842.0	5781.9

Zoom In Zoom Out

Sample Name: CRIB Acquired: 12/2/2010 9:43:40 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2010	.0020	.0029	.0500	.0098	.0093	.0156	.0105	.0050
Stddev	.0007	.0000	.0001	.0002	.0002	.0003	.0000	.0001	.0001
%RSD	.3290	.8693	2.683	.4836	1.560	3.700	.1340	1.373	1.456
#1	.2005	.0020	.0029	.0498	.0099	.0091	.0156	.0104	.0049
#2	.2014	.0020	.0030	.0502	.0097	.0095	.0156	.0106	.0050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483	.0217	.0086	F .0132	.0032	.0104	.0056	.1946	4.945
Stddev	.0003	.0001	.0001	.0004	.0006	.0002	.0000	.0026	.005
%RSD	.5709	.3723	.7895	3.061	19.39	1.721	.2371	1.342	.1086
#1	.0481	.0218	.0085	.0129	.0027	.0103	.0056	.1927	4.941
#2	.0485	.0217	.0086	.0135	.0036	.0105	.0056	.1964	4.948
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				.0100					
Range				30.00%					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1219	4.817	9.844	9.932	.1000	.0211	.0464	.1953	.0104
Stddev	.0001	.003	.018	.045	.0004	.0001	.0004	.0008	.0006
%RSD	.0542	.0612	.1781	.4575	.4350	.2901	.7804	.4331	5.632
#1	.1220	4.819	9.832	9.900	.0997	.0212	.0461	.1947	.0108
#2	.1219	4.815	9.857	9.964	.1003	.0211	.0466	.1959	.0100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CRIB Acquired: 12/2/2010 9:43:40 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0109	.0099	F .0772	F .0055
Stddev	.0000	.0003	.0004	.0003
%RSD	.3768	2.733	.5130	5.221
#1	.0109	.0101	.0775	.0057
#2	.0110	.0097	.0769	.0053
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			.0500	.2000
Range			30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85357.	39867.	1808.7	5693.9
Stddev	146.	53.	5.7	9.9
%RSD	.17102	.13291	.31398	.17380
#1	85460.	39829.	1812.7	5700.9
#2	85254.	39904.	1804.7	5686.9

Sample Name: CRID Acquired: 12/2/2010 9:49:39 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042	.0010	.0011	.0026	.0019	.0019	.0032	.0043	.0009
Stddev	.0000	.0000	.0001	.0001	.0003	.0000	.0000	.0004	.0001
%RSD	.0300	3.828	9.099	5.263	16.18	2.196	.0545	9.348	6.043
#1	.0042	.0010	.0010	.0027	.0017	.0019	.0032	.0040	.0009
#2	.0042	.0011	.0012	.0025	.0021	.0019	.0032	.0046	.0010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	.0104	.0033	.0022	.0020	.0059	.0028	.1018	1.026
Stddev	.0002	.0000	.0004	.0009	.0006	.0003	.0010	.0012	.007
%RSD	9.421	.2148	12.49	38.90	30.71	5.007	34.67	1.227	.6979
#1	.0018	.0104	.0036	.0016	.0025	.0057	.0021	.1009	1.021
#2	.0021	.0104	.0030	.0029	.0016	.0061	.0035	.1027	1.031
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045	.1023	2.087	1.047	.0115	.0006	-.0007	-.0014	-.0003
Stddev	.0002	.0023	.014	.013	.0004	.0000	.0009	.0003	.0002
%RSD	3.999	2.243	.6870	1.238	3.104	5.368	135.4	22.19	61.79
#1	.0047	.1007	2.077	1.038	.0118	.0006	-.0014	-.0016	-.0002
#2	.0044	.1039	2.097	1.056	.0113	.0007	.0000	-.0012	-.0004
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None	None	None
Value									
Range									

Sample Name: CRID Acquired: 12/2/2010 9:49:39 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0001	F .0181	F .0003
Stddev	.000	.0002	.0006	.0001
%RSD	21.41	163.2	3.217	29.98
#1	.0000	.0000	.0186	.0004
#2	.0000	.0002	.0177	.0003
Check ?	None	None	Chk Fail	Chk Fail
Value			.0040	.0040
Range			30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85509.	39105.	1799.9	5689.9
Stddev	176.	72.	22.2	64.5
%RSD	.20577	.18493	1.2360	1.1331
#1	85385.	39156.	1815.7	5735.5
#2	85634.	39054.	1784.2	5644.3

Sample Name: CRIB Acquired: 12/2/2010 9:55:40 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2035	.0020	.0029	.0506	.0096	.0090	.0154	.0108	.0047
Stddev	.0020	.0000	.0001	.0007	.0003	.0001	.0001	.0001	.0001
%RSD	.9989	.9450	3.912	1.391	3.270	.5951	.6611	.7638	1.681
#1	.2050	.0021	.0030	.0501	.0094	.0091	.0154	.0107	.0047
#2	.2021	.0020	.0028	.0511	.0098	.0090	.0155	.0108	.0048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477	.0216	.0084	.0119	.0027	.0091	.0056	.1944	4.960
Stddev	.0002	.0002	.0001	.0003	.0002	.0001	.0003	.0041	.074
%RSD	.4765	1.066	1.268	2.648	9.051	1.568	4.770	2.088	1.501
#1	.0476	.0215	.0085	.0117	.0029	.0090	.0054	.1972	5.013
#2	.0479	.0218	.0083	.0121	.0025	.0092	.0058	.1915	4.907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1230	4.837	9.897	10.04	.1003	.0209	.0462	.1968	.0098
Stddev	.0008	.070	.106	.10	.0022	.0002	.0010	.0036	.0006
%RSD	.6383	1.444	1.070	.9735	2.204	.8969	2.080	1.850	6.170
#1	.1235	4.886	9.972	10.11	.0987	.0208	.0455	.1943	.0103
#2	.1224	4.787	9.822	9.974	.1018	.0210	.0469	.1994	.0094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Sample Name: CRIB Acquired: 12/2/2010 9:55:40 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0111	.0096	F .0691	F .0020
Stddev	.0001	.0002	.0011	.0000
%RSD	1.020	1.884	1.639	1.505
#1	.0111	.0095	.0683	.0021
#2	.0110	.0098	.0699	.0020
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			.0500	.2000
Range			30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	86195.	39685.	1778.8	5639.6
Stddev	396.	556.	32.1	80.4
%RSD	.45978	1.4001	1.8047	1.4257
#1	86476.	39293.	1801.5	5696.5
#2	85915.	40078.	1756.1	5582.8

Sample Name: M95800-10CONF Acquired: 12/2/2010 10:01:36 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0302	.0000	.0033	.0017	.0170	.0252	.0150	.0065	.0598
Stddev	.0001	.000	.0001	.0000	.0001	.0000	.0000	.0002	.0002
%RSD	.1726	11.73	1.625	.9123	.5697	.0996	.3139	2.472	.2710
#1	.0302	.0000	.0034	.0017	.0170	.0252	.0150	.0064	.0599
#2	.0302	.0000	.0033	.0018	.0171	.0251	.0151	.0066	.0597

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1813	.0249	.0365	.0045	.0041	-.0020	-.0006	4.799	9.059
Stddev	.0000	.0003	.0003	.0004	.0006	.0006	.0008	.005	.059
%RSD	.0093	1.078	.9159	9.669	14.58	31.84	126.5	.1083	.6561
#1	.1813	.0247	.0363	.0048	.0037	-.0016	-.0001	4.796	9.101
#2	.1813	.0251	.0367	.0042	.0045	-.0025	-.0011	4.803	9.017

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.4837	4.869	72.14	55.54	.0255	.0044	-.0003	6.421	-.0010
Stddev	.0034	.004	.18	.26	.0000	.0001	.0002	.016	.0008
%RSD	.7117	.0896	.2510	.4667	.1509	1.549	83.57	.2473	80.22
#1	.4861	4.872	72.02	55.36	.0255	.0043	-.0001	6.433	-.0004
#2	.4813	4.866	72.27	55.73	.0254	.0044	-.0004	6.410	-.0015

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2758	-.0011	.0072	.0000
Stddev	.0000	.0008	.0004	.000
%RSD	.0148	72.33	5.023	75.33
#1	.2757	-.0006	.0069	.0000
#2	.2758	-.0017	.0074	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84989.	39119.	1750.1	5537.5
Stddev	94.	80.	4.6	2.2
%RSD	.11098	.20480	.26402	.03981
#1	84922.	39063.	1746.8	5536.0
#2	85055.	39176.	1753.4	5539.1

Sample Name: M95800-17CONF Acquired: 12/2/2010 10:07:33 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0002	.0000	-.0002	.0003	.0008	.1156	.0007	.0008	.0000
Stddev	.0000	.000	.0000	.0001	.0003	.0002	.0000	.0000	.0002
%RSD	1.805	27.69	23.24	17.63	37.92	.1856	.2346	.8972	2133.
#1	.0002	.0000	-.0001	.0004	.0010	.1155	.0007	.0008	-.0002
#2	.0002	.0000	-.0002	.0003	.0006	.1158	.0007	.0008	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	.0738	.0009	.0044	.0093	-.0023	-.0007	.0068	.1820
Stddev	.0001	.0002	.0003	.0004	.0001	.0009	.0003	.0012	.0007
%RSD	69.20	.2077	28.37	8.424	1.574	41.65	42.11	17.11	.3977
#1	-.0001	.0739	.0008	.0046	.0092	-.0016	-.0009	.0060	.1825
#2	-.0002	.0737	.0011	.0041	.0094	-.0029	-.0005	.0076	.1815

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0214	.0251	.0227	.0889	.0013	.0003	-.0004	.0537	.0001
Stddev	.0002	.0027	.0083	.0001	.0001	.0001	.0003	.0006	.0003
%RSD	.8113	10.72	36.40	.0804	6.688	18.81	80.30	1.130	236.6
#1	.0213	.0232	.0285	.0889	.0012	.0003	-.0002	.0533	.0003
#2	.0215	.0270	.0168	.0890	.0014	.0002	-.0006	.0542	-.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0009	.0002	-.0001	-.0001
Stddev	.0000	.0000	.0005	.0001
%RSD	3.592	16.53	896.7	55.35
#1	.0009	.0002	-.0004	-.0001
#2	.0009	.0002	.0003	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	86098.	40497.	1785.7	5740.8
Stddev	216.	135.	19.1	41.8
%RSD	.25063	.33251	1.0697	.72774
#1	86251.	40592.	1799.2	5770.3
#2	85946.	40402.	1772.2	5711.2

Sample Name: ICV Acquired: 12/2/2010 10:14:10 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.045	1.003	.9788	.9962	1.012	.9970	1.020	.9767	.4921
Stddev	.003	.002	.0080	.0089	.021	.0164	.020	.0093	.0091
%RSD	.3208	.1757	.8202	.8891	2.031	1.649	1.988	.9513	1.841
#1	1.041	1.002	.9738	.9919	.9949	.9808	1.002	.9717	.4838
#2	1.046	1.003	.9881	1.006	1.035	1.014	1.042	.9874	.5018
#3	1.047	1.005	.9746	.9903	1.007	.9963	1.016	.9710	.4906
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9749	1.011	.9843	.9726	.9683	.9815	.9826	4.865	4.764
Stddev	.0181	.010	.0086	.0079	.0105	.0088	.0069	.023	.013
%RSD	1.858	.9689	.8725	.8135	1.087	.9001	.7024	.4765	.2717
#1	.9590	1.005	.9797	.9678	.9624	.9769	.9800	4.844	4.771
#2	.9947	1.023	.9942	.9817	.9805	.9917	.9904	4.863	4.750
#3	.9711	1.006	.9790	.9682	.9621	.9761	.9773	4.890	4.772
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.072	4.894	10.09	10.06	.9895	.9863	.9816	F 1.091	.9958
Stddev	.012	.020	.01	.03	.0064	.0088	.0145	.009	.0093
%RSD	.2445	.3976	.1460	.2739	.6449	.8899	1.482	.7787	.9342
#1	5.068	4.916	10.08	10.02	.9852	.9797	.9679	1.086	.9903
#2	5.062	4.879	10.08	10.07	.9969	.9962	.9969	1.101	1.007
#3	5.086	4.887	10.10	10.08	.9865	.9830	.9799	1.087	.9906
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value								1.000	
Range								5.000%	

Sample Name: ICV Acquired: 12/2/2010 10:14:10 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.030	.9904	1.023	.9900
Stddev	.002	.0187	.009	.0167
%RSD	.2345	1.892	.9208	1.689
#1	1.028	.9737	1.015	.9744
#2	1.031	1.011	1.034	1.008
#3	1.033	.9867	1.021	.9880
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83410.	39520.	1795.2	5632.5
Stddev	1102.	83.	11.4	38.6
%RSD	1.3209	.21100	.63631	.68604
#1	84423.	39460.	1801.0	5650.4
#2	82237.	39616.	1782.0	5588.2
#3	83571.	39485.	1802.5	5659.0

Zoom In Zoom Out

Sample Name: ICB Acquired: 12/2/2010 10:22:38 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0001	.0001	-.0003	.0000	.0000	.0001	-.0001
Stddev	.000	.000	.0000	.0000	.0003	.0001	.0000	.0001	.0001
%RSD	2355.	1567.	33.95	3.814	97.87	1470.	11.04	122.9	104.4
#1	.0000	.0000	.0001	.0001	-.0005	.0001	.0000	.0000	.0000
#2	.0000	.0000	.0000	.0001	-.0001	-.0001	.0000	.0001	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0001	.0003	.0007	.0000	.0015	.0005	.0039	.0013
Stddev	.0003	.0002	.0001	.0000	.0003	.0002	.0002	.0020	.0016
%RSD	167.1	138.5	23.41	3.678	704.5	12.99	35.26	50.43	124.7
#1	-.0004	.0002	.0003	.0006	.0002	.0016	.0004	.0025	.0002
#2	.0000	.0000	.0004	.0007	-.0002	.0013	.0006	.0052	.0024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0014	.0091	.0034	.0014	.0011	-.0004	-.0002	.0000
Stddev	.0001	.0009	.0044	.0013	.0001	.0001	.0004	.0002	.0002
%RSD	6.044	62.16	47.88	36.58	6.167	13.57	99.40	111.1	468.5
#1	.0017	.0008	.0122	.0043	.0013	.0012	-.0006	-.0004	-.0001
#2	.0018	.0020	.0060	.0025	.0014	.0010	-.0001	.0000	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICB Acquired: 12/2/2010 10:22:38 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0004	.0102	.0005
Stddev	.0000	.0003	.0014	.0001
%RSD	173.9	91.71	13.22	22.92
#1	.0000	.0001	.0112	.0006
#2	.0000	.0006	.0093	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85493.	39628.	1853.5	5812.7
Stddev	1493.	2.	18.2	56.8
%RSD	1.7461	.00539	.98171	.97665
#1	84438.	39630.	1840.6	5772.6
#2	86549.	39627.	1866.3	5852.8

Zoom In Zoom Out

Sample Name: ICCV Acquired: 12/2/2010 10:28:04 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.022	2.060	2.002	2.008	2.021	1.963	2.045	2.009	.2452
Stddev	.015	.021	.010	.009	.024	.022	.022	.007	.0024
%RSD	.7254	1.003	.4849	.4671	1.168	1.146	1.070	.3662	.9740
#1	2.013	2.047	2.013	2.019	2.005	1.987	2.032	2.017	.2446
#2	2.007	2.037	2.000	2.006	1.997	1.935	2.021	2.007	.2420
#3	2.038	2.073	2.005	2.010	2.042	1.973	2.063	2.013	.2475
#4	2.031	2.081	1.990	1.996	2.041	1.955	2.064	1.999	.2465
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.002	2.044	1.982	2.009	2.012	1.977	1.970	38.86	40.02
Stddev	.017	.009	.009	.009	.006	.008	.010	.30	.71
%RSD	.8484	.4361	.4395	.4267	.3008	.4189	.5224	.7835	1.765
#1	1.997	2.052	1.992	2.018	2.019	1.985	1.983	38.67	39.60
#2	1.980	2.046	1.977	2.005	2.009	1.972	1.964	38.54	39.38
#3	2.017	2.047	1.987	2.013	2.014	1.984	1.974	39.14	40.15
#4	2.013	2.031	1.973	1.998	2.005	1.968	1.960	39.10	40.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICCV Acquired: 12/2/2010 10:28:04 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.25	39.52	39.43	39.32	2.018	2.011	1.957	4.942	2.015
Stddev	.55	.62	.29	.23	.009	.009	.019	.019	.009
%RSD	1.361	1.570	.7252	.5870	.4338	.4334	.9627	.3767	.4602
#1	39.87	39.12	39.40	39.25	2.024	2.023	1.971	4.966	2.025
#2	39.73	38.94	39.05	39.02	2.006	2.008	1.930	4.930	2.012
#3	40.52	39.72	39.58	39.44	2.018	2.011	1.969	4.946	2.019
#4	40.89	40.31	39.71	39.55	2.026	2.002	1.956	4.924	2.003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.951	2.007	F 2.116	F 2.165
Stddev	.100	.017	.004	.019
%RSD	5.106	.8557	.1925	.8776
#1	1.995	2.007	2.117	2.171
#2	1.973	1.983	2.110	2.137
#3	2.030	2.023	2.119	2.181
#4	1.806	2.016	2.117	2.169
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			5.000%	5.000%

Zoom In Zoom Out

Sample Name: ICCV Acquired: 12/2/2010 10:28:04 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82481.	38973.	1799.3	5451.8
Stddev	809.	549.	9.8	24.7
%RSD	.98064	1.4080	.54491	.45221
#1	81562.	39259.	1785.1	5416.3
#2	83390.	39489.	1804.3	5466.4
#3	82103.	38915.	1800.5	5454.0
#4	82867.	38230.	1807.2	5470.3

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 10:38:29 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0001	.0001	.0000	.0001	.0001	.0003	.0000
Stddev	.0001	.0000	.0001	.0001	.0002	.0002	.0000	.0000	.000
%RSD	143.2	28.85	226.8	49.10	527.4	180.8	20.37	17.48	192.6
#1	.0000	.0000	.0001	.0002	.0002	.0003	.0001	.0002	.0000
#2	.0001	.0000	.0000	.0001	-.0001	.0000	.0000	.0003	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0001	.0011	.0016	.0004	.0010	.0005	-.0002	-.0011
Stddev	.0001	.0000	.0000	.0001	.0008	.0002	.0003	.0027	.0004
%RSD	34.23	34.76	.6613	8.184	206.9	24.07	53.15	1328.	35.89
#1	-.0003	.0001	.0011	.0017	-.0002	.0008	.0007	.0017	-.0008
#2	-.0002	.0001	.0011	.0015	.0009	.0012	.0003	-.0021	-.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028	.0042	.0060	.0057	.0023	.0018	.0002	.0003	.0009
Stddev	.0005	.0020	.0009	.0001	.0002	.0005	.0002	.0000	.0005
%RSD	16.99	46.36	15.49	1.122	7.784	24.89	117.1	8.586	48.98
#1	.0025	.0056	.0054	.0058	.0024	.0021	.0000	.0003	.0012
#2	.0032	.0029	.0067	.0057	.0022	.0015	.0004	.0003	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 10:38:29 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0006	.0216	.0009
Stddev	.0000	.0004	.0017	.0000
%RSD	10.45	63.25	7.865	2.284
#1	.0001	.0003	.0228	.0009
#2	.0001	.0009	.0204	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85585.	40705.	1871.0	5840.9
Stddev	530.	852.	3.6	6.5
%RSD	.61881	2.0940	.19453	.11125
#1	85210.	40103.	1868.4	5836.3
#2	85959.	41308.	1873.5	5845.5

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 10:44:24 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0040	.0000	-.0008	.0017	.0002	.0004	-.0002	.0011	.0015
Stddev	.0001	.000	.0001	.0000	.0003	.0002	.0000	.0004	.0000
%RSD	1.632	5.264	7.797	1.313	175.6	43.64	5.217	36.43	.9100
#1	-.0041	.0000	-.0008	.0017	.0004	.0003	-.0002	.0008	.0015
#2	-.0040	.0000	-.0009	.0017	.0000	.0005	-.0002	.0014	.0015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	-.0007	.0034	.0004	-.0021	-.0003	.0000	488.7	372.1
Stddev	.0001	.0003	.0009	.0014	.0004	.0038	.0010	.6	3.2
%RSD	3.776	38.61	28.13	326.4	19.82	1195.	7919.	.1192	.8469
#1	.0014	-.0008	.0027	-.0005	-.0018	.0024	-.0007	488.3	369.8
#2	.0013	-.0005	.0040	.0014	-.0024	-.0030	.0007	489.1	374.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	179.6	506.2	-.0203	.4074	-.0022	.0025	-.0395	-.0110	-.0071
Stddev	1.7	1.7	.0015	.0060	.0002	.0000	.0024	.0016	.0003
%RSD	.9651	.3347	7.548	1.479	11.35	.2570	6.072	14.80	3.816
#1	178.4	505.0	-.0192	.4032	-.0024	.0025	-.0412	-.0099	-.0073
#2	180.8	507.4	-.0213	.4117	-.0020	.0025	-.0378	-.0122	-.0069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 10:44:24 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0005	.0035	.0527	.0055
Stddev	.0001	.0006	.0020	.0003
%RSD	17.52	17.05	3.842	5.092
#1	.0005	.0031	.0513	.0053
#2	.0004	.0040	.0542	.0057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	78037.	37426.	1642.2	4721.6
Stddev	110.	31.	1.2	2.6
%RSD	.14038	.08410	.07089	.05563
#1	77959.	37403.	1643.0	4723.5
#2	78114.	37448.	1641.3	4719.8

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 10:50:38 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5016	.4887	1.039	.4655	.4760	.5089	.4733	.9708	1.052
Stddev	.0026	.0019	.002	.0003	.0030	.0001	.0049	.0001	.004
%RSD	.5184	.3799	.1622	.0737	.6241	.0110	1.029	.0150	.3735
#1	.4998	.4873	1.038	.4657	.4781	.5089	.4767	.9707	1.055
#2	.5035	.4900	1.040	.4652	.4739	.5088	.4698	.9709	1.049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4679	.8910	.9952	.9343	.9830	.9544	1.007	491.8	379.8
Stddev	.0031	.0017	.0003	.0005	.0021	.0006	.004	4.4	7.2
%RSD	.6536	.1940	.0276	.0578	.2092	.0587	.3456	.8961	1.901
#1	.4701	.8898	.9954	.9347	.9816	.9548	1.004	488.7	374.7
#2	.4658	.8923	.9950	.9340	.9845	.9540	1.009	494.9	384.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	179.3	504.1	-.0176	.4071	-.0192	.4815	.4952	-.0142	-.0075
Stddev	.0	1.8	.0084	.0059	.0002	.0011	.0007	.0006	.0009
%RSD	.0245	.3531	47.45	1.439	.9317	.2385	.1322	3.951	12.19
#1	179.3	502.8	-.0117	.4030	-.0190	.4806	.4956	-.0138	-.0082
#2	179.3	505.3	-.0235	.4113	-.0193	.4823	.4947	-.0146	-.0069
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 10:50:38 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0004	.0027	.5379	.4085
Stddev	.0001	.0000	.0032	.0067
%RSD	25.95	.6803	.6040	1.649
#1	.0005	.0027	.5356	.4037
#2	.0004	.0027	.5402	.4132
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	78324.	37632.	1630.0	4693.0
Stddev	294.	30.	4.0	9.7
%RSD	.37562	.08036	.24682	.20573
#1	78116.	37653.	1632.8	4699.8
#2	78532.	37611.	1627.1	4686.1

Zoom In Zoom Out

Sample Name: MP55854-MB2 2 Acquired: 12/2/2010 10:56:44 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0106	.0000	.0003	.0001	.0007	.0006	.0019	.0010	.0000
Stddev	.0000	.000	.0001	.0000	.0000	.0000	.0000	.0001	.0000
%RSD	.1353	51.03	36.95	40.34	1.553	7.018	.9048	6.887	70.55
#1	.0107	.0000	.0004	.0002	.0007	.0006	.0019	.0010	.0001
#2	.0106	.0000	.0002	.0001	.0007	.0007	.0019	.0011	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0005	.0041	-.0114	-.0005	.0170	.0012	.0056	.1714
Stddev	.000	.0001	.0001	.0005	.0005	.0003	.0005	.0020	.0002
%RSD	167.5	24.13	1.318	4.306	104.2	1.553	38.95	36.11	.0967
#1	.0000	.0005	.0040	-.0110	-.0001	.0168	.0015	.0041	.1715
#2	.0000	.0004	.0041	-.0117	-.0008	.0172	.0009	.0070	.1713

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0109	.0488	.0332	.0709	.0011	.0009	-.0003	.4061	.0055
Stddev	.0000	.0036	.0066	.0013	.0005	.0001	.0000	.0002	.0002
%RSD	.4425	7.392	20.00	1.799	50.39	13.46	1.310	.0514	2.747
#1	.0109	.0513	.0379	.0700	.0007	.0010	-.0003	.4062	.0056
#2	.0108	.0462	.0285	.0718	.0014	.0008	-.0003	.4059	.0054

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0079	-.0003	.0143	.0165
Stddev	.0001	.0002	.0007	.0010
%RSD	.6779	74.67	4.775	6.032
#1	.0079	-.0004	.0147	.0172
#2	.0079	-.0001	.0138	.0158

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83459.	39744.	1722.9	5735.2
Stddev	38.	335.	1.0	4.0
%RSD	.04523	.84258	.05603	.06896
#1	83433.	39507.	1722.2	5738.0
#2	83486.	39980.	1723.6	5732.4

Zoom In Zoom Out

Sample Name: MP55854-LC1 Acquired: 12/2/2010 11:02:45 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5362	.5282	.5023	.5203	.5090	.4860	.5074	.5060	.1911
Stddev	.0021	.0035	.0001	.0002	.0015	.0014	.0010	.0003	.0004
%RSD	.3824	.6688	.0167	.0415	.2887	.2910	.2052	.0526	.2320
#1	.5348	.5257	.5022	.5205	.5079	.4850	.5067	.5062	.1908
#2	.5377	.5307	.5024	.5202	.5100	.4870	.5081	.5058	.1915

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4934	.5189	.5095	.4695	.4891	.4976	.5062	4.992	5.417
Stddev	.0010	.0009	.0018	.0009	.0017	.0009	.0019	.030	.052
%RSD	.1939	.1674	.3612	.1889	.3457	.1826	.3695	.6044	.9574
#1	.4927	.5195	.5082	.4688	.4879	.4969	.5049	4.971	5.380
#2	.4940	.5183	.5108	.4701	.4903	.4982	.5076	5.013	5.454

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.705	5.272	10.27	10.66	.0008	.5222	-.0001	.1451	-.0002
Stddev	.044	.054	.03	.02	.0004	.0011	.0003	.0007	.0006
%RSD	.7732	1.021	.2602	.1573	48.96	.2041	287.4	.4679	259.4
#1	5.674	5.234	10.25	10.65	.0011	.5215	.0001	.1446	-.0007
#2	5.736	5.310	10.29	10.67	.0005	.5230	-.0003	.1456	.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0005	.5014	.0342	.0283
Stddev	.0000	.0015	.0005	.0057
%RSD	.0117	.2904	1.404	20.15
#1	.0005	.5003	.0339	.0324
#2	.0005	.5024	.0346	.0243

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84402.	39437.	1770.2	5593.1
Stddev	207.	60.	.1	8.6
%RSD	.24494	.15132	.00392	.15346
#1	84256.	39395.	1770.3	5587.0
#2	84548.	39479.	1770.2	5599.2

Zoom In Zoom Out

Sample Name: JA62592-1 Acquired: 12/2/2010 11:08:31 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2890	-.0001	-.0005	-.0012	.0230	.0020	.0002	.0030	-.0031
Stddev	.0003	.0000	.0001	.0000	.0006	.0001	.0000	.0003	.0002
%RSD	.1183	30.81	11.02	2.649	2.679	6.765	25.38	10.09	6.737
#1	.2893	-.0001	-.0006	-.0013	.0235	.0021	.0002	.0032	-.0029
#2	.2888	-.0001	-.0005	-.0012	.0226	.0019	.0002	.0027	-.0032

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	.0134	.0039	-.0189	.0005	.0598	.0000	-.1670	*****
Stddev	.0001	.0003	.0009	.0002	.0024	.0001	.000	.0189	-----
%RSD	99.04	2.605	22.25	1.055	521.9	.1788	390.2	11.30	-----
#1	-.0002	.0132	.0033	-.0187	.0022	.0599	.0001	-.1803	-----
#2	.0000	.0136	.0045	-.0190	-.0013	.0597	-.0002	-.1536	-----

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0058	.0556	18.88	15.87	1.706	.0170	-.0149	.3226	.0041
Stddev	.0005	.0090	.01	.01	.000	.0005	.0000	.0040	.0008
%RSD	7.903	16.21	.0509	.0584	.0262	2.981	.2143	1.246	19.73
#1	.0061	.0619	18.89	15.88	1.706	.0174	-.0150	.3198	.0035
#2	.0055	.0492	18.88	15.87	1.706	.0167	-.0149	.3255	.0047

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	4.699	.0139	.0203	-.0001
Stddev	.007	.0006	.0007	.0001
%RSD	.1513	4.381	3.311	145.7
#1	4.694	.0143	.0198	-.0001
#2	4.704	.0134	.0207	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70355.	33514.	1326.1	3944.8
Stddev	281.	126.	1.4	4.1
%RSD	.39972	.37456	.10255	.10337
#1	70156.	33425.	1325.2	3941.9
#2	70554.	33602.	1327.1	3947.6

Zoom In Zoom Out

Sample Name: JA62593-1 Acquired: 12/2/2010 11:14:35 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.4850	-.0002	-.0005	-.0016	.0307	.0020	.0002	.0030	-.0031
Stddev	.0042	.0000	.0001	.0003	.0004	.0002	.0001	.0002	.0001
%RSD	.8619	3.467	27.15	19.69	1.413	11.41	71.73	7.257	3.231
#1	.4821	-.0002	-.0004	-.0018	.0304	.0022	.0003	.0032	-.0030
#2	.4880	-.0002	-.0006	-.0014	.0310	.0019	.0001	.0028	-.0031

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	.0089	.0056	-.0187	.0015	.0791	.0004	-.1410	*****
Stddev	.0001	.0007	.0007	.0008	.0016	.0004	.0000	.0013	-----
%RSD	117.9	7.455	12.20	4.059	105.3	.4942	7.764	.9423	-----
#1	-.0001	.0093	.0052	-.0192	.0004	.0788	.0004	-.1401	-----
#2	.0000	.0084	.0061	-.0181	.0026	.0794	.0004	-.1420	-----

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0112	.0529	26.11	20.87	1.988	.0302	-.0171	.3472	.0040
Stddev	.0011	.0075	.23	.13	.002	.0001	.0000	.0004	.0001
%RSD	9.724	14.19	.8922	.6129	.1120	.3280	.2692	.1116	3.361
#1	.0105	.0476	25.95	20.78	1.989	.0302	-.0171	.3469	.0039
#2	.0120	.0582	26.28	20.96	1.986	.0301	-.0170	.3475	.0041

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	5.668	.0153	.0196	.0000
Stddev	.032	.0008	.0002	.000
%RSD	.5578	5.530	1.113	2448.
#1	5.646	.0159	.0198	.0000
#2	5.691	.0147	.0195	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69781.	33353.	1305.1	3871.3
Stddev	219.	137.	1.2	1.8
%RSD	.31396	.41037	.09272	.04728
#1	69626.	33449.	1305.9	3872.6
#2	69936.	33256.	1304.2	3870.0

Zoom In Zoom Out

Sample Name: SR10PPMCONF Acquired: 12/2/2010 11:20:39 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0002	.0000	-.0002	.0000	.0000	.0005	-.0001
Stddev	.0000	.000	.0000	.000	.0000	.0005	.0000	.0003	.0003
%RSD	6.734	81.33	7.823	127.3	9.880	1480.	7.948	69.81	252.6
#1	.0001	.0000	.0002	-.0001	-.0003	.0004	.0001	.0007	.0001
#2	.0001	.0000	.0002	.0000	-.0002	-.0003	.0000	.0002	-.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0006	.0083	.0008	.0038	.0004	.0018	.0000	.0018	.1330
Stddev	.0003	.0004	.0008	.0001	.0005	.0005	.0001	.0000	.0033
%RSD	44.75	4.538	107.8	3.776	136.5	30.12	459.4	.3939	2.489
#1	.0004	.0081	.0002	.0037	.0007	.0022	.0001	.0018	.1307
#2	.0008	.0086	.0014	.0039	.0000	.0014	-.0001	.0019	.1354

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0046	.0092	.0238	.0185	.0022	.0001	.0006	-.0024	.0011
Stddev	.0003	.0016	.0031	.0005	.0003	.0001	.0004	.0001	.0003
%RSD	6.943	17.85	13.09	2.561	14.86	54.43	58.75	3.000	26.06
#1	.0049	.0080	.0216	.0181	.0020	.0001	.0009	-.0024	.0009
#2	.0044	.0103	.0260	.0188	.0025	.0002	.0004	-.0023	.0013

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	9.438	-.0004	.0111	-.0002
Stddev	.469	.0000	.0005	.0001
%RSD	4.968	7.144	4.424	47.65
#1	9.106	-.0005	.0107	-.0002
#2	9.769	-.0004	.0114	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	86492.	40229.	1829.4	5762.1
Stddev	3740.	1268.	1.9	5.3
%RSD	4.3238	3.1528	.10419	.09253
#1	83847.	41125.	1828.1	5758.3
#2	89136.	39332.	1830.7	5765.9

Zoom In Zoom Out

Sample Name: JA62594-1 Acquired: 12/2/2010 11:26:44 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1036	-.0001	.0009	-.0012	.0200	.0018	.0019	.0032	-.0027
Stddev	.0002	.0000	.0002	.0003	.0001	.0000	.0000	.0003	.0003
%RSD	.2348	4.419	25.31	25.01	.4931	1.055	.5006	9.073	11.28
#1	.1034	-.0001	.0007	-.0010	.0201	.0018	.0019	.0034	-.0025
#2	.1038	-.0001	.0010	-.0014	.0199	.0018	.0019	.0030	-.0029

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	-.0062	.0088	-.0103	-.0048	.0246	.0034	-.3684	2573.
Stddev	.0002	.0004	.0011	.0011	.0020	.0010	.0016	.0116	27.
%RSD	165.2	6.162	11.98	10.38	40.89	4.021	47.25	3.162	1.050
#1	.0000	-.0065	.0080	-.0095	-.0034	.0253	.0023	-.3601	2592.
#2	.0003	-.0059	.0095	-.0110	-.0062	.0239	.0046	-.3766	2554.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	-.0097	.1277	16.07	12.26	.5650	.0044	-.0131	.3945	.0040
Stddev	.0002	.0000	.09	.06	.0042	.0002	.0006	.0080	.0023
%RSD	2.251	.0222	.5849	.4938	.7406	4.338	4.269	2.022	58.03
#1	-.0096	.1277	16.00	12.22	.5680	.0046	-.0127	.3889	.0056
#2	-.0099	.1277	16.14	12.30	.5621	.0043	-.0135	.4001	.0023

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	2.673	.0119	.0826	-.0013
Stddev	.007	.0001	.0015	.0000
%RSD	.2509	1.105	1.855	.8078
#1	2.668	.0120	.0837	-.0013
#2	2.678	.0118	.0815	-.0013

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70991.	33652.	1348.4	4026.2
Stddev	11.	23.	.3	1.2
%RSD	.01568	.06689	.02032	.03102
#1	70983.	33636.	1348.2	4025.3
#2	70998.	33668.	1348.6	4027.1

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 11:32:52 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.052	2.066	2.016	2.025	2.033	1.994	2.052	2.009	.2470
Stddev	.013	.011	.003	.003	.003	.004	.006	.003	.0003
%RSD	.6438	.5234	.1600	.1620	.1591	.2248	.3082	.1347	.1265
#1	2.043	2.058	2.014	2.023	2.036	1.991	2.057	2.007	.2468
#2	2.061	2.073	2.019	2.028	2.031	1.997	2.048	2.011	.2472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.013	2.043	2.014	2.016	2.013	2.019	1.999	39.50	39.91
Stddev	.006	.001	.007	.005	.003	.009	.006	.23	.15
%RSD	.2765	.0559	.3541	.2524	.1334	.4371	.2904	.5731	.3823
#1	2.017	2.042	2.009	2.012	2.011	2.012	1.994	39.34	39.80
#2	2.010	2.043	2.019	2.019	2.015	2.025	2.003	39.66	40.02
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.11	39.30	39.69	40.04	2.046	2.024	1.982	5.004	2.026
Stddev	.21	.11	.14	.15	.007	.008	.004	.018	.006
%RSD	.5236	.2862	.3504	.3689	.3415	.3974	.2139	.3564	.3030
#1	39.96	39.22	39.59	39.93	2.041	2.018	1.979	4.991	2.021
#2	40.26	39.38	39.79	40.14	2.050	2.029	1.985	5.016	2.030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 11:32:52 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.013	2.020	2.121	2.178
Stddev	.024	.002	.013	.003
%RSD	1.174	.1073	.6006	.1458
#1	1.996	2.022	2.112	2.176
#2	2.029	2.019	2.130	2.180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82771.	38897.	1772.6	5408.9
Stddev	224.	19.	6.0	11.9
%RSD	.27073	.04887	.33608	.21965
#1	82930.	38884.	1776.8	5417.3
#2	82613.	38910.	1768.4	5400.5

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 11:38:46 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0001	.0001	.0000	.0000	.0001	.0001	.0001
Stddev	.0000	.0000	.0001	.0002	.0003	.0001	.0000	.0000	.0001
%RSD	24.35	.3094	113.0	167.8	1279.	2029.	31.63	61.29	82.70
#1	.0000	.0000	.0001	.0002	-.0002	.0001	.0001	.0001	.0002
#2	.0000	.0000	.0000	.0000	.0002	-.0001	.0001	.0000	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0002	.0005	.0015	-.0002	.0010	.0006	.0041	.0021
Stddev	.0001	.0002	.0012	.0005	.0002	.0005	.0004	.0005	.0012
%RSD	45.32	92.54	217.8	34.26	94.86	47.52	64.86	11.58	58.16
#1	-.0002	.0001	.0014	.0019	-.0001	.0013	.0009	.0038	.0012
#2	-.0001	.0003	-.0003	.0011	-.0004	.0007	.0003	.0045	.0029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038	.0043	.0328	.0147	.0022	.0018	-.0005	.0008	.0006
Stddev	.0000	.0061	.0097	.0004	.0003	.0002	.0007	.0001	.0003
%RSD	.0105	140.1	29.53	2.391	13.34	9.769	153.9	10.40	50.72
#1	.0038	.0000	.0396	.0149	.0024	.0019	.0000	.0009	.0009
#2	.0038	.0087	.0259	.0144	.0020	.0016	-.0010	.0007	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 11:38:46 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0009	.0135	.0008
Stddev	.0000	.0002	.0012	.0001
%RSD	23.00	21.22	8.786	8.835
#1	.0001	.0007	.0143	.0009
#2	.0001	.0010	.0126	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85514.	39396.	1855.0	5801.5
Stddev	105.	470.	8.1	14.2
%RSD	.12287	1.1923	.43440	.24550
#1	85439.	39064.	1860.7	5811.6
#2	85588.	39728.	1849.3	5791.5

Zoom In Zoom Out

Sample Name: JA62595-1 Acquired: 12/2/2010 11:44:48 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.3166	-.0002	.0001	-.0017	.0292	.0017	.0002	.0027	-.0029
Stddev	.0007	.0000	.0010	.0001	.0018	.0002	.0000	.0006	.0004
%RSD	.2287	11.97	1931.	3.685	6.123	14.54	16.74	24.37	12.71
#1	.3161	-.0001	.0008	-.0018	.0304	.0015	.0002	.0022	-.0026
#2	.3171	-.0002	-.0007	-.0017	.0279	.0019	.0003	.0031	-.0031

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	-.0026	.0077	-.0144	-.0004	.0645	.0029	-.2888	*****
Stddev	.0006	.0095	.0040	.0054	.0048	.0067	.0014	.1767	-----
%RSD	165.5	372.0	52.49	37.56	1281.	10.43	49.96	61.20	-----
#1	.0008	-.0093	.0106	-.0105	-.0038	.0597	.0039	-.4137	2610.
#2	-.0001	.0042	.0048	-.0182	.0030	.0692	.0019	-.1638	-----

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	-.0022	.0542	22.19	16.74	2.569	.0080	-.0151	.2751	.0038
Stddev	.0078	.0036	.30	.10	.012	.0046	.0003	.0013	.0002
%RSD	349.0	6.590	1.363	.5834	.4825	56.93	1.983	.4842	5.576
#1	-.0078	.0567	21.98	16.67	2.560	.0048	-.0153	.2742	.0036
#2	.0033	.0516	22.41	16.81	2.578	.0112	-.0149	.2760	.0039

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	5.617	.0127	.0572	.0067
Stddev	.072	.0000	.0530	.0010
%RSD	1.278	.0820	92.68	14.97
#1	5.566	.0127	.0947	.0074
#2	5.668	.0127	.0197	.0060

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70288.	33426.	1346.3	3993.5
Stddev	197.	10.	7.6	12.9
%RSD	.27973	.02848	.56300	.32400
#1	70149.	33420.	1351.6	4002.7
#2	70427.	33433.	1340.9	3984.4

Zoom In Zoom Out

Sample Name: JA62596-1 Acquired: 12/2/2010 11:50:53 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.4717	-.0002	-.0002	-.0018	.0329	.0014	.0015	.0029	-.0029
Stddev	.0100	.0000	.0001	.0000	.0004	.0003	.0000	.0002	.0003
%RSD	2.115	6.428	47.01	2.650	1.112	21.66	.1962	8.283	10.21
#1	.4647	-.0002	-.0003	-.0018	.0327	.0017	.0015	.0031	-.0031
#2	.4788	-.0002	-.0001	-.0018	.0332	.0012	.0015	.0028	-.0027

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0004	.0132	.0047	-.0251	-.0003	.0584	.0024	-.1140	*****
Stddev	.0001	.0002	.0002	.0015	.0022	.0002	.0007	.0109	-----
%RSD	23.36	1.516	3.896	6.094	698.9	.3834	29.61	9.528	-----
#1	-.0004	.0133	.0048	-.0240	-.0018	.0582	.0029	-.1217	-----
#2	-.0003	.0130	.0046	-.0261	.0012	.0586	.0019	-.1063	-----

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0435	.0620	26.56	22.79	2.171	.0398	-.0167	.3899	.0036
Stddev	.0008	.0073	.57	.43	.001	.0001	.0008	.0008	.0008
%RSD	1.837	11.82	2.161	1.899	.0270	.3389	4.820	.1950	21.72
#1	.0429	.0568	26.15	22.49	2.171	.0399	-.0172	.3904	.0041
#2	.0441	.0672	26.97	23.10	2.172	.0398	-.0161	.3894	.0030

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	5.765	.0154	.0374	.0047
Stddev	.135	.0008	.0016	.0001
%RSD	2.342	5.030	4.283	2.010
#1	5.670	.0148	.0386	.0047
#2	5.861	.0159	.0363	.0046

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69304.	32440.	1324.7	3897.8
Stddev	99.	550.	5.9	13.4
%RSD	.14245	1.6939	.44778	.34488
#1	69234.	32829.	1328.9	3907.3
#2	69374.	32052.	1320.5	3888.3

Zoom In Zoom Out

Sample Name: MP55907-MB2 2 Acquired: 12/2/2010 11:56:57 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0050	.0000	.0003	.0004	.0046	.0014	.0033	.0106	.0005
Stddev	.0001	.000	.0000	.0000	.0001	.0000	.0001	.0003	.0003
%RSD	1.831	65.64	5.870	6.642	1.113	2.966	2.168	2.651	75.08
#1	.0051	.0000	.0003	.0004	.0046	.0013	.0034	.0108	.0002
#2	.0050	.0000	.0003	.0004	.0046	.0014	.0033	.0104	.0007

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	.0001	.0032	-.0106	-.0006	.0143	-.0001	.0142	.2093
Stddev	.0000	.0001	.0002	.0003	.0006	.0006	.0014	.0031	.0287
%RSD	2.814	11.14	5.888	2.599	96.79	4.258	1862.	21.92	13.71
#1	-.0001	-.0010	.0031	-.0104	-.0002	.0139	.0009	.0120	.2296
#2	-.0001	-.0012	.0034	-.0108	-.0011	.0147	-.0011	.0164	.1890

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1060	.0330	6.000	1133.	.0711	.0005	-.0005	.1829	.0063
Stddev	.0007	.0003	.041	9.	.0001	.0001	.0001	.0001	.0009
%RSD	.6784	1.033	.6809	.7904	.0773	13.78	24.80	.0301	14.14
#1	.1065	.0333	5.971	1127.	.0711	.0006	-.0006	.1829	.0069
#2	.1055	.0328	6.029	1140.	.0711	.0005	-.0004	.1830	.0057

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0381	.0003	.0051	-.0002
Stddev	.0002	.0000	.0001	.0000
%RSD	.5769	17.28	2.057	13.75
#1	.0383	.0002	.0052	-.0001
#2	.0380	.0003	.0051	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78864.	36737.	1620.1	4768.2
Stddev	80.	273.	3.5	10.0
%RSD	.10204	.74222	.21780	.21056
#1	78807.	36544.	1622.5	4775.3
#2	78920.	36930.	1617.6	4761.1

Zoom In Zoom Out

Sample Name: MP55907-MB3 Acquired: 12/2/2010 12:03:03 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0099	.0000	.0001	.0002	.0009	.0010	.0023	.0055	.0002
Stddev	.0001	.000	.0000	.0001	.0001	.0001	.0001	.0002	.0000
%RSD	1.498	454.6	23.41	41.63	7.783	13.91	4.068	3.527	17.02
#1	.0098	.0000	.0002	.0001	.0008	.0009	.0023	.0054	.0002
#2	.0100	.0000	.0001	.0002	.0009	.0011	.0024	.0056	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	-.0020	.0031	-.0108	-.0006	.0141	.0000	.0086	.1937
Stddev	.0002	.0001	.0003	.0002	.0005	.0006	.000	.0002	.0035
%RSD	146.7	7.137	10.21	2.311	91.11	4.141	2195.	2.177	1.813
#1	.0000	-.0019	.0028	-.0110	-.0010	.0137	.0002	.0087	.1912
#2	-.0003	-.0021	.0033	-.0106	-.0002	.0145	-.0002	.0085	.1962

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0280	.0530	6.019	1118.	.0726	.0000	-.0006	.3341	.0070
Stddev	.0000	.0019	.075	8.	.0002	.000	.0007	.0004	.0004
%RSD	.1196	3.504	1.254	.7118	.3437	133.9	119.1	.1123	5.394
#1	.0280	.0517	5.966	1112.	.0724	-.0001	-.0001	.3344	.0067
#2	.0279	.0544	6.072	1123.	.0728	.0000	-.0011	.3339	.0073

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0421	-.0004	.0039	-.0002
Stddev	.0007	.0005	.0001	.0001
%RSD	1.597	136.4	3.062	88.85
#1	.0416	-.0008	.0040	-.0001
#2	.0426	.0000	.0038	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78153.	36743.	1619.1	4751.6
Stddev	1182.	333.	.9	.1
%RSD	1.5119	.90759	.05330	.00147
#1	78988.	36978.	1618.5	4751.5
#2	77317.	36507.	1619.8	4751.6

Zoom In Zoom Out

Sample Name: MP55907-LC1 Acquired: 12/2/2010 12:09:08 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5363	.5483	.5050	.5219	.5441	.5055	.5485	.5215	.1997
Stddev	.0035	.0039	.0007	.0003	.0140	.0162	.0136	.0001	.0052
%RSD	.6568	.7104	.1418	.0527	2.581	3.200	2.479	.0211	2.621
#1	.5338	.5456	.5055	.5217	.5540	.5170	.5581	.5216	.2034
#2	.5387	.5511	.5045	.5221	.5341	.4941	.5389	.5214	.1960

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5288	.5420	.5049	.4754	.5081	.4900	.4962	4.995	5.830
Stddev	.0149	.0003	.0022	.0004	.0009	.0024	.0003	.043	.054
%RSD	2.817	.0472	.4306	.0944	.1700	.4969	.0512	.8538	.9236
#1	.5393	.5418	.5064	.4751	.5087	.4917	.4964	4.964	5.791
#2	.5182	.5422	.5034	.4757	.5075	.4883	.4960	5.025	5.868

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.878	5.484	10.38	10.61	.0026	.5247	.0009	.1428	-.0001
Stddev	.044	.051	.09	.08	.0002	.0004	.0001	.0006	.0006
%RSD	.7573	.9395	.8696	.7811	8.841	.0685	14.97	.4469	652.1
#1	5.847	5.448	10.32	10.55	.0024	.5250	.0010	.1424	-.0005
#2	5.910	5.521	10.45	10.67	.0027	.5245	.0008	.1433	.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0006	.5332	.0241	.0025
Stddev	.0000	.0144	.0013	.0002
%RSD	4.313	2.694	5.382	8.868
#1	.0006	.5434	.0250	.0027
#2	.0006	.5231	.0232	.0023

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83733.	39421.	1872.9	5786.3
Stddev	2123.	9.	9.8	19.9
%RSD	2.5358	.02347	.52470	.34432
#1	82231.	39427.	1866.0	5772.2
#2	85234.	39414.	1879.9	5800.4

Zoom In Zoom Out

Sample Name: JA62396-1 Acquired: 12/2/2010 12:14:57 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0702	.0013	.0268	.0737	.1270	.7360	4.247	.8373	.0005
Stddev	.0000	.0000	.0002	.0002	.0006	.0027	.023	.0011	.0000
%RSD	.0272	.5781	.6124	.2637	.4378	.3729	.5450	.1347	8.193
#1	.0702	.0013	.0267	.0735	.1274	.7340	4.263	.8365	.0005
#2	.0702	.0013	.0269	.0738	.1266	.7379	4.230	.8381	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0060	12.55	.0130	-.0128	.1716	.0127	.0000	51.29	669.3
Stddev	.0001	.01	.0001	.0006	.0002	.0003	.000	.17	8.0
%RSD	1.465	.0637	.9181	4.456	.1157	2.558	551.5	.3297	1.195
#1	.0060	12.55	.0131	-.0124	.1714	.0129	-.0001	51.17	663.7
#2	.0061	12.56	.0129	-.0132	.1717	.0125	.0001	51.41	675.0

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	4.205	65.04	42.35	1097.	.1861	-.0010	-.0062	10.02	-.0001
Stddev	.024	.28	.07	4.	.0017	.0001	.0006	.04	.0000
%RSD	.5632	.4294	.1596	.4069	.9376	12.43	9.961	.4329	15.98
#1	4.189	64.84	42.40	1100.	.1848	-.0009	-.0066	9.990	-.0001
#2	4.222	65.24	42.31	1094.	.1873	-.0011	-.0058	10.05	-.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.9852	.0171	.1270	.0030
Stddev	.0018	.0004	.0023	.0001
%RSD	.1872	2.238	1.775	2.494
#1	.9839	.0168	.1254	.0029
#2	.9865	.0174	.1286	.0030

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80913.	37398.	1637.3	4393.1
Stddev	142.	32.	10.5	26.8
%RSD	.17499	.08660	.64096	.61103
#1	81013.	37375.	1644.8	4412.0
#2	80813.	37421.	1629.9	4374.1

Zoom In Zoom Out

Sample Name: JA62396-2 Acquired: 12/2/2010 12:21:04 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0248	.0005	.0038	.0541	.1628	.1450	2.484	1.159	.0004
Stddev	.0000	.0000	.0000	.0000	.0012	.0003	.008	.000	.0001
%RSD	.0161	2.978	.6071	.0350	.7199	.2359	.3343	.0169	15.24
#1	.0248	.0005	.0038	.0541	.1620	.1448	2.478	1.159	.0004
#2	.0248	.0005	.0038	.0541	.1637	.1453	2.490	1.159	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0388	7.705	.0113	-.0125	.0025	.0117	-.0008	8.621	401.5
Stddev	.0001	.006	.0006	.0005	.0002	.0007	.0009	.007	6.7
%RSD	.2789	.0808	5.721	3.614	9.436	6.282	114.0	.0876	1.667
#1	.0387	7.700	.0117	-.0122	.0024	.0122	-.0014	8.626	396.8
#2	.0389	7.709	.0108	-.0128	.0027	.0111	-.0002	8.616	406.2

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	8.612	96.85	10.82	1186.	.2372	.0101	-.0050	7.394	.0015
Stddev	.079	.89	.01	2.	.0009	.0001	.0002	.015	.0000
%RSD	.9110	.9203	.1343	.1798	.3961	1.065	3.988	.2048	1.622
#1	8.557	96.22	10.81	1188.	.2379	.0101	-.0048	7.405	.0015
#2	8.668	97.48	10.84	1185.	.2365	.0102	-.0051	7.384	.0015

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.8072	-.0038	.0791	.0014
Stddev	.0009	.0003	.0017	.0001
%RSD	.1171	6.760	2.189	6.884
#1	.8065	-.0039	.0803	.0014
#2	.8079	-.0036	.0779	.0013

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78856.	36742.	1609.0	4472.4
Stddev	34.	79.	4.4	8.1
%RSD	.04304	.21371	.27630	.18183
#1	78880.	36797.	1605.8	4466.6
#2	78832.	36686.	1612.1	4478.1

Zoom In Zoom Out

Sample Name: MP55852-MB4 2 Acquired: 12/2/2010 12:27:11 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0050	.0000	.0002	.0001	.0008	.0011	.0015	.0043	.0005
Stddev	.0000	.000	.0001	.0000	.0002	.0001	.0001	.0001	.0001
%RSD	.9183	185.5	41.75	4.563	29.25	11.79	3.304	2.982	27.49
#1	.0050	.0000	.0003	.0001	.0006	.0010	.0016	.0044	.0004
#2	.0050	.0000	.0002	.0001	.0010	.0012	.0015	.0042	.0006

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	-.0020	.0023	-.0108	-.0011	.0143	-.0003	.0127	.1256
Stddev	.0002	.0001	.0006	.0000	.0002	.0005	.0002	.0002	.0019
%RSD	237.5	4.915	23.80	.0034	20.27	3.357	75.51	1.369	1.498
#1	-.0002	-.0020	.0027	-.0108	-.0010	.0139	-.0005	.0125	.1269
#2	.0001	-.0019	.0019	-.0108	-.0013	.0146	-.0001	.0128	.1243

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0405	.0385	5.608	1044.	.0693	-.0001	-.0009	.1765	.0056
Stddev	.0006	.0022	.044	9.	.0008	.0000	.0000	.0006	.0000
%RSD	1.526	5.820	.7810	.8484	1.118	34.08	3.125	.3474	.4844
#1	.0401	.0401	5.577	1037.	.0699	-.0001	-.0008	.1770	.0056
#2	.0410	.0369	5.639	1050.	.0688	-.0001	-.0009	.1761	.0056

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0371	.0001	.0013	-.0002
Stddev	.0001	.0004	.0005	.0002
%RSD	.2506	346.0	34.87	75.26
#1	.0370	-.0002	.0016	-.0001
#2	.0371	.0004	.0010	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80173.	37435.	1687.9	4910.1
Stddev	39.	64.	3.2	5.7
%RSD	.04896	.16975	.19236	.11526
#1	80201.	37390.	1685.6	4906.1
#2	80146.	37480.	1690.2	4914.1

Zoom In Zoom Out

Sample Name: MP55852-LC3 Acquired: 12/2/2010 12:33:19 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5182	.5252	.4862	.5029	.5113	.4747	.5147	.5013	.1885
Stddev	.0012	.0021	.0004	.0005	.0021	.0023	.0010	.0001	.0002
%RSD	.2392	.4017	.0764	.1018	.4021	.4862	.1894	.0278	.0938
#1	.5174	.5237	.4860	.5025	.5098	.4763	.5140	.5012	.1883
#2	.5191	.5267	.4865	.5032	.5127	.4731	.5154	.5014	.1886

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4965	.5155	.4881	.4570	.4897	.4739	.4811	4.825	5.469
Stddev	.0008	.0001	.0024	.0024	.0006	.0002	.0015	.028	.025
%RSD	.1531	.0185	.4818	.5268	.1326	.0447	.3195	.5843	.4656
#1	.4960	.5155	.4865	.4553	.4893	.4741	.4800	4.805	5.451
#2	.4971	.5154	.4898	.4587	.4902	.4738	.4822	4.845	5.487

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.621	5.240	9.973	10.20	.0021	.5039	.0016	.1417	.0001
Stddev	.028	.004	.027	.03	.0003	.0008	.0000	.0007	.0001
%RSD	.5009	.0820	.2732	.3093	13.17	.1639	2.197	.4651	118.8
#1	5.601	5.237	9.953	10.17	.0023	.5033	.0016	.1412	.0001
#2	5.641	5.243	9.992	10.22	.0019	.5044	.0017	.1421	.0000

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0005	.5005	.0220	.0008
Stddev	.0000	.0017	.0003	.0001
%RSD	3.195	.3299	1.212	16.67
#1	.0004	.4993	.0222	.0009
#2	.0005	.5017	.0218	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	85099.	39525.	1862.2	5760.6
Stddev	421.	52.	1.9	5.9
%RSD	.49460	.13143	.09991	.10168
#1	84801.	39488.	1863.5	5764.8
#2	85397.	39562.	1860.9	5756.5

Zoom In Zoom Out

Sample Name: JA62519-1 Acquired: 12/2/2010 12:39:07 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.4090	.0003	.0124	.0151	.0011	.0285	3.324	.0451	.0005
Stddev	.0027	.0000	.0002	.0001	.0001	.0000	.007	.0003	.0001
%RSD	.6705	3.097	1.576	.3744	5.069	.1593	.2106	.7489	11.98
#1	.4070	.0003	.0125	.0151	.0011	.0285	3.319	.0449	.0006
#2	.4109	.0003	.0122	.0152	.0011	.0285	3.329	.0454	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0012	4.062	.0047	-.0106	.0261	.0098	.0022	.0566	143.7
Stddev	.0004	.003	.0004	.0012	.0002	.0000	.0001	.0029	1.4
%RSD	30.83	.0799	8.525	11.71	.6563	.5059	5.834	5.052	.9630
#1	.0014	4.060	.0050	-.0115	.0262	.0098	.0021	.0546	142.8
#2	.0009	4.064	.0045	-.0097	.0260	.0099	.0023	.0586	144.7

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1020	21.46	9.855	1094.	.2409	.0005	-.0019	2.281	.0014
Stddev	.0018	.13	.083	9.	.0003	.0001	.0001	.003	.0003
%RSD	1.746	.6086	.8444	.8409	.1091	24.59	7.220	.1448	18.69
#1	.1007	21.36	9.796	1087.	.2410	.0006	-.0020	2.279	.0016
#2	.1032	21.55	9.914	1100.	.2407	.0004	-.0018	2.283	.0012

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.5611	-.0011	.0393	.0001
Stddev	.0038	.0001	.0006	.0001
%RSD	.6766	12.87	1.598	228.0
#1	.5585	-.0012	.0397	.0002
#2	.5638	-.0010	.0388	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78995.	36550.	1612.9	4669.0
Stddev	8.	103.	3.3	11.0
%RSD	.00971	.28069	.20332	.23570
#1	79000.	36622.	1615.2	4676.7
#2	78989.	36477.	1610.6	4661.2

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 12:45:20 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.057	2.112	2.002	2.018	2.060	1.993	2.068	2.044	.2485
Stddev	.008	.010	.000	.000	.012	.001	.010	.000	.0009
%RSD	.4019	.4705	.0099	.0116	.5838	.0301	.4716	.0034	.3463
#1	2.051	2.105	2.002	2.018	2.052	1.993	2.061	2.044	.2479
#2	2.063	2.119	2.002	2.018	2.069	1.992	2.075	2.044	.2491
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.028	2.077	2.004	2.014	2.052	2.001	1.965	39.81	40.86
Stddev	.008	.000	.002	.000	.001	.001	.000	.21	.20
%RSD	.4052	.0068	.0752	.0222	.0395	.0247	.0195	.5378	.4779
#1	2.022	2.077	2.003	2.013	2.052	2.001	1.965	39.66	40.72
#2	2.033	2.077	2.005	2.014	2.053	2.000	1.964	39.96	40.99
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.58	39.90	39.58	39.58	2.061	2.011	1.972	4.971	2.023
Stddev	.22	.20	.08	.06	.001	.002	.000	.011	.003
%RSD	.5402	.5101	.1934	.1547	.0314	.1133	.0158	.2253	.1552
#1	40.43	39.75	39.53	39.54	2.062	2.009	1.972	4.963	2.026
#2	40.74	40.04	39.63	39.63	2.061	2.013	1.973	4.979	2.021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 12:45:20 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.029	2.027	2.112	2.180
Stddev	.020	.005	.008	.006
%RSD	.9592	.2699	.3732	.2661
#1	2.015	2.023	2.107	2.176
#2	2.042	2.031	2.118	2.184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84936.	39320.	1851.3	5548.7
Stddev	9.	13.	.0	2.2
%RSD	.01065	.03291	.00183	.03936
#1	84942.	39311.	1851.3	5550.2
#2	84930.	39329.	1851.3	5547.1

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 12:51:14 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0001	.0000	-.0001	.0001	.0001	.0003	-.0001
Stddev	.0000	.0000	.0000	.0000	.0002	.0000	.0000	.0000	.0002
%RSD	548.7	34.75	62.12	98.30	245.7	27.02	9.411	7.705	233.3
#1	.0000	.0000	.0000	.0001	-.0002	.0002	.0001	.0003	.0001
#2	.0000	.0000	.0001	.0000	.0001	.0001	.0001	.0003	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0001	.0008	.0012	-.0005	.0014	.0009	.0022	.0001
Stddev	.0001	.0000	.0002	.0012	.0001	.0002	.0003	.0012	.0013
%RSD	70.12	20.50	30.60	99.15	26.05	13.01	36.84	54.33	943.4
#1	-.0001	.0002	.0010	.0021	-.0004	.0015	.0007	.0030	-.0008
#2	-.0003	.0001	.0006	.0004	-.0006	.0013	.0011	.0014	.0010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027	.0058	.0268	.1399	.0022	.0018	-.0003	.0005	F .0011
Stddev	.0004	.0057	.0059	.0037	.0003	.0003	.0004	.0011	.0009
%RSD	15.17	98.48	22.16	2.626	12.96	16.52	125.6	209.7	82.37
#1	.0030	.0018	.0310	.1425	.0024	.0020	.0000	-.0002	.0004
#2	.0024	.0099	.0226	.1373	.0020	.0016	-.0007	.0013	.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit									.0010
Low Limit									-.0010

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 12:51:14 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0008	.0112	.0008
Stddev	.0000	.0000	.0003	.0000
%RSD	11.78	3.744	3.039	5.586
#1	.0001	.0008	.0114	.0008
#2	.0001	.0008	.0109	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85792.	40229.	1893.1	5857.0
Stddev	136.	318.	14.5	34.2
%RSD	.15854	.79100	.76517	.58443
#1	85696.	40004.	1903.3	5881.2
#2	85888.	40454.	1882.8	5832.8

Zoom In Zoom Out

Sample Name: JA62631-1 Acquired: 12/2/2010 12:57:18 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2683	.0007	.0001	.0257	.0028	.0019	.6140	.0331	.0030
Stddev	.0041	.0000	.0000	.0000	.0003	.0006	.0228	.0001	.0003
%RSD	1.528	.6323	5.587	.1130	9.732	33.10	3.718	.2037	8.986
#1	.2654	.0007	.0001	.0257	.0030	.0023	.6301	.0332	.0032
#2	.2712	.0007	.0001	.0258	.0027	.0014	.5979	.0331	.0028

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.3490	9.214	.0109	-.0088	.0001	.0130	-.0016	2.099	9.438
Stddev	.0133	.003	.0010	.0014	.0007	.0001	.0006	.034	.170
%RSD	3.804	.0282	8.969	15.80	896.5	.4356	36.56	1.616	1.798
#1	.3584	9.215	.0116	-.0078	-.0004	.0131	-.0020	2.075	9.318
#2	.3396	9.212	.0102	-.0098	.0006	.0130	-.0012	2.123	9.558

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	24.61	1.415	6.167	1113.	.0963	.0026	-.0012	1.425	.0035
Stddev	.42	.028	.135	25.	.0003	.0002	.0014	.001	.0008
%RSD	1.726	1.975	2.192	2.282	.2817	5.740	118.2	.1008	24.10
#1	24.30	1.395	6.072	1095.	.0965	.0028	-.0022	1.424	.0029
#2	24.91	1.434	6.263	1131.	.0962	.0025	-.0002	1.426	.0041

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2242	-.0012	.0703	.0104
Stddev	.0034	.0001	.0004	.0015
%RSD	1.523	6.542	.6019	14.38
#1	.2218	-.0012	.0706	.0114
#2	.2266	-.0013	.0700	.0093

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78393.	36496.	1658.7	4815.4
Stddev	2374.	371.	7.2	18.2
%RSD	3.0283	1.0155	.43250	.37858
#1	76714.	36758.	1663.8	4828.3
#2	80072.	36233.	1653.6	4802.5

Zoom In Zoom Out

Sample Name: MP55854-MB1 2 Acquired: 12/2/2010 13:03:21 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0170	.0000	.0001	.0008	-.0001	.0007	.0035	.0012	-.0001
Stddev	.0001	.000	.0001	.0000	.0003	.0002	.0001	.0001	.0001
%RSD	.3553	125.6	59.61	1.331	263.7	31.38	1.596	6.874	80.43
#1	.0170	.0000	.0001	.0008	-.0003	.0009	.0036	.0012	.0000
#2	.0171	.0000	.0001	.0008	.0001	.0006	.0035	.0011	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0003	.0006	.0028	-.0107	.0004	.0149	.0001	.0033	.2390
Stddev	.0001	.0000	.0006	.0001	.0007	.0001	.0001	.0004	.0026
%RSD	25.42	4.348	20.13	.8257	187.5	.4908	205.1	11.19	1.072
#1	-.0003	.0007	.0024	-.0108	.0009	.0148	.0000	.0036	.2372
#2	-.0002	.0006	.0032	-.0107	-.0001	.0150	.0001	.0031	.2408

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0183	.0176	.0806	.3275	.0009	.0001	-.0007	.8994	.0059
Stddev	.0004	.0114	.0003	.0081	.0003	.0001	.0005	.0034	.0002
%RSD	2.096	64.89	.4181	2.462	36.26	110.9	72.41	.3776	2.536
#1	.0180	.0256	.0809	.3332	.0012	.0002	-.0010	.9018	.0058
#2	.0186	.0095	.0804	.3218	.0007	.0000	-.0003	.8970	.0060

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0101	-.0007	.0021	-.0001
Stddev	.0000	.0002	.0003	.0001
%RSD	.2388	28.89	15.22	123.7
#1	.0101	-.0006	.0024	-.0001
#2	.0101	-.0009	.0019	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84128.	39953.	1798.8	5924.5
Stddev	74.	34.	10.1	31.0
%RSD	.08843	.08595	.56292	.52260
#1	84181.	39929.	1791.6	5902.6
#2	84076.	39977.	1805.9	5946.4

Zoom In Zoom Out

Sample Name: MP55854-B1 Acquired: 12/2/2010 13:09:21 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	11.02	.0554	.0522	.5240	.2099	.2464	.5299	.4902	.0508
Stddev	.12	.0006	.0001	.0016	.0008	.0006	.0002	.0009	.0004
%RSD	1.119	1.034	.2486	.3041	.3610	.2507	.0304	.1936	.8108
#1	11.11	.0558	.0521	.5229	.2093	.2460	.5297	.4909	.0505
#2	10.94	.0550	.0523	.5251	.2104	.2469	.5300	.4896	.0511

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5096	.5314	2.207	1.786	1.893	2.323	.5164	2.106	.0914
Stddev	.0001	.0003	.007	.003	.001	.010	.0029	.015	.0009
%RSD	.0263	.0523	.3116	.1470	.0495	.4417	.5576	.7335	.9431
#1	.5096	.5316	2.202	1.788	1.894	2.316	.5143	2.117	.0920
#2	.5095	.5312	2.212	1.784	1.893	2.330	.5184	2.095	.0908

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.094	.0253	-.0099	.1888	.0008	-.0001	.0007	.9269	.0067
Stddev	.005	.0073	.0011	.0019	.0004	.0001	.0003	.0030	.0003
%RSD	.4835	28.98	11.43	1.028	48.52	153.5	44.53	.3266	4.719
#1	1.098	.0305	-.0091	.1902	.0010	-.0001	.0005	.9248	.0064
#2	1.090	.0201	-.0107	.1875	.0005	.0000	.0009	.9291	.0069

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0109	-.0005	.0374	.0009
Stddev	.0001	.0001	.0006	.0000
%RSD	1.065	11.19	1.587	4.811
#1	.0109	-.0005	.0378	.0009
#2	.0108	-.0006	.0370	.0009

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84196.	38857.	1763.3	5832.4
Stddev	9.	460.	8.2	8.1
%RSD	.01108	1.1830	.46518	.13941
#1	84203.	38532.	1769.1	5838.2
#2	84190.	39182.	1757.5	5826.7

Zoom In Zoom Out

Sample Name: MP55854-S1 Acquired: 12/2/2010 13:15:17 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.63	.0506	.0581	.4816	.1948	.2857	.9253	.4904	.0559
Stddev	.07	.0002	.0003	.0005	.0008	.0013	.0037	.0012	.0002
%RSD	.6794	.4656	.4713	.1072	.3975	.4705	.4029	.2381	.2795
#1	10.57	.0504	.0583	.4813	.1943	.2867	.9227	.4913	.0557
#2	10.68	.0507	.0579	.4820	.1954	.2848	.9280	.4896	.0560

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4822	.7758	2.387	1.711	1.922	2.474	.5485	2.478	1788.
Stddev	.0021	.0015	.002	.001	.006	.008	.0008	.013	3.
%RSD	.4408	.1989	.0694	.0392	.3273	.3328	.1534	.5389	.1836
#1	.4807	.7769	2.386	1.711	1.926	2.469	.5491	2.469	1790.
#2	.4837	.7747	2.388	1.712	1.917	2.480	.5479	2.488	1786.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.491	14.29	-.0646	8.962	.0844	.0001	-.0110	5.757	.0052
Stddev	.007	.05	.0151	.009	.0009	.0001	.0010	.001	.0010
%RSD	.4598	.3720	23.36	.0958	1.009	129.4	9.151	.0225	18.34
#1	1.486	14.25	-.0753	8.956	.0850	.0002	-.0117	5.757	.0046
#2	1.496	14.33	-.0539	8.968	.0838	.0000	-.0103	5.758	.0059

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.605	.0082	.0949	.0092
Stddev	.007	.0001	.0020	.0001
%RSD	.4113	1.453	2.124	.9152
#1	1.601	.0081	.0963	.0092
#2	1.610	.0083	.0935	.0093

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74889.	35023.	1457.9	4412.2
Stddev	108.	34.	4.4	3.3
%RSD	.14390	.09775	.30443	.07387
#1	74965.	35047.	1461.1	4414.5
#2	74813.	34999.	1454.8	4409.9

Zoom In Zoom Out

Sample Name: MP55854-S2 Acquired: 12/2/2010 13:21:17 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.83	.0513	.0596	.4924	.2002	.2930	.9503	.5021	.0571
Stddev	.08	.0002	.0000	.0002	.0009	.0012	.0039	.0003	.0002
%RSD	.6937	.4591	.0157	.0321	.4425	.4123	.4083	.0692	.4099
#1	10.78	.0511	.0596	.4925	.1996	.2921	.9475	.5023	.0573
#2	10.88	.0514	.0596	.4923	.2008	.2938	.9530	.5018	.0570

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4907	.7967	2.462	1.743	1.957	2.550	.5640	2.559	1791.
Stddev	.0021	.0000	.002	.004	.002	.003	.0012	.009	14.
%RSD	.4288	.0032	.0759	.2008	.1032	.1027	.2125	.3353	.7965
#1	.4892	.7967	2.463	1.741	1.956	2.548	.5648	2.553	1781.
#2	.4922	.7967	2.461	1.746	1.959	2.552	.5631	2.565	1801.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.593	14.69	-.0462	9.342	.0869	.0003	-.0101	5.993	.0058
Stddev	.009	.05	.0083	.040	.0007	.0004	.0018	.002	.0007
%RSD	.5488	.3614	17.97	.4301	.7655	145.0	17.52	.0348	11.94
#1	1.587	14.65	-.0521	9.313	.0864	.0006	-.0113	5.992	.0063
#2	1.599	14.73	-.0403	9.370	.0874	.0000	-.0088	5.995	.0053

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.666	.0081	.0955	.0099
Stddev	.008	.0002	.0011	.0002
%RSD	.4563	2.291	1.172	2.014
#1	1.660	.0080	.0947	.0097
#2	1.671	.0082	.0963	.0100

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74504.	35121.	1450.2	4380.5
Stddev	211.	16.	1.7	2.9
%RSD	.28265	.04525	.11799	.06605
#1	74653.	35132.	1451.4	4382.5
#2	74355.	35109.	1449.0	4378.5

Zoom In Zoom Out

Sample Name: JA61900-1A Acquired: 12/2/2010 13:27:18 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2481	.0000	.0007	.0057	.0068	.0217	.4561	.0139	-.0016
Stddev	.0014	.000	.0000	.0001	.0003	.0004	.0006	.0006	.0003
%RSD	.5503	69.12	4.919	1.923	4.857	1.872	.1381	4.199	17.80
#1	.2471	.0000	.0006	.0056	.0071	.0214	.4556	.0143	-.0014
#2	.2490	.0000	.0007	.0058	.0066	.0220	.4565	.0134	-.0018

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0060	.3146	.0094	-.0114	.0014	.0189	.0008	.2978	1793.
Stddev	.0002	.0003	.0006	.0021	.0018	.0015	.0007	.0201	4.
%RSD	2.677	.1049	6.373	18.82	130.8	8.049	87.51	6.737	.2345
#1	.0059	.3144	.0098	-.0099	.0027	.0200	.0013	.2836	1790.
#2	.0061	.3148	.0089	-.0129	.0001	.0178	.0003	.3120	1796.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.5005	14.67	.0158	9.213	.0876	.0006	-.0110	5.910	.0038
Stddev	.0001	.00	.0066	.069	.0000	.0000	.0006	.002	.0001
%RSD	.0136	.0118	41.65	.7486	.0543	6.893	5.696	.0319	1.687
#1	.5005	14.67	.0205	9.164	.0876	.0006	-.0105	5.911	.0038
#2	.5004	14.67	.0112	9.262	.0875	.0005	-.0114	5.909	.0037

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.638	.0081	.0623	.0084
Stddev	.009	.0001	.0007	.0001
%RSD	.5776	1.697	1.131	1.582
#1	1.631	.0082	.0628	.0083
#2	1.645	.0080	.0618	.0085

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74595.	34995.	1462.1	4397.2
Stddev	258.	41.	.0	4.7
%RSD	.34587	.11616	.00170	.10597
#1	74777.	35024.	1462.1	4393.9
#2	74412.	34966.	1462.1	4400.5

Zoom In Zoom Out

Sample Name: MP55854-SD1 Acquired: 12/2/2010 13:33:20 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2445	.0000	-.0002	.0053	.0046	.0347	.4898	.0162	-.0020
Stddev	.0051	.000	.0002	.0005	.0008	.0005	.0105	.0000	.0001
%RSD	2.093	49.35	74.27	10.36	17.82	1.525	2.142	.0182	3.707
#1	.2409	.0000	-.0004	.0057	.0052	.0343	.4823	.0162	-.0021
#2	.2481	-.0001	-.0001	.0049	.0040	.0350	.4972	.0162	-.0020

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0047	.3360	.0225	-.0064	.0034	.0208	.0083	.2645	2112.
Stddev	.0002	.0019	.0020	.0033	.0016	.0096	.0016	.0100	10.
%RSD	4.680	.5727	8.836	51.80	47.17	46.23	19.27	3.780	.4962
#1	.0048	.3374	.0239	-.0040	.0022	.0140	.0071	.2574	2105.
#2	.0045	.3347	.0211	-.0087	.0045	.0276	.0094	.2716	2120.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.5100	14.82	-.0081	8.679	.0931	.0147	-.0146	5.560	.0029
Stddev	.0080	.13	.0153	.149	.0011	.0005	.0025	.011	.0046
%RSD	1.578	.8846	187.4	1.717	1.132	3.441	17.48	.1891	160.6
#1	.5043	14.72	-.0189	8.573	.0924	.0150	-.0164	5.567	.0061
#2	.5157	14.91	.0026	8.784	.0938	.0143	-.0128	5.552	-.0004

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.606	.0103	.0660	.0076
Stddev	.028	.0016	.0019	.0005
%RSD	1.738	15.88	2.886	6.839
#1	1.587	.0092	.0673	.0080
#2	1.626	.0115	.0646	.0072

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80156.	37563.	1704.0	5263.1
Stddev	1045.	323.	1.3	4.6
%RSD	1.3042	.86027	.07730	.08820
#1	80895.	37792.	1704.9	5259.8
#2	79417.	37335.	1703.1	5266.4

Zoom In Zoom Out

Sample Name: JA62308-3 Acquired: 12/2/2010 13:39:26 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2939	.0007	.5531	.0261	.0078	.9026	1.593	.4277	.0037
Stddev	.0002	.0000	.0016	.0002	.0004	.0009	.009	.0006	.0001
%RSD	.0580	2.586	.2815	.6128	4.754	.0987	.5786	.1368	1.563
#1	.2938	.0007	.5520	.0260	.0075	.9020	1.599	.4281	.0037
#2	.2940	.0007	.5542	.0263	.0081	.9032	1.586	.4273	.0037

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0008	57.58	.0386	-.0091	68.68	.0146	.3975	3.631	206.2
Stddev	.0005	.04	.0002	.0021	.02	.0001	.0023	.004	1.4
%RSD	63.79	.0687	.5910	22.85	.0347	.4207	.5895	.1168	.6768
#1	.0011	57.55	.0388	-.0106	68.67	.0146	.3959	3.634	205.2
#2	.0004	57.61	.0384	-.0076	68.70	.0145	.3992	3.628	207.1

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	2.883	21.73	157.7	1134.	.4228	-.0019	-.0040	15.97	.1377
Stddev	.025	.07	.3	8.	.0005	.0002	.0012	.03	.0011
%RSD	.8661	.3342	.2042	.6718	.1152	8.849	29.46	.1592	.8237
#1	2.866	21.68	157.9	1140.	.4232	-.0020	-.0032	15.95	.1385
#2	2.901	21.78	157.5	1129.	.4225	-.0017	-.0048	15.98	.1369

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4660	.0097	.4241	.0061
Stddev	.0007	.0003	.0017	.0003
%RSD	.1527	3.230	.4023	5.049
#1	.4655	.0095	.4229	.0064
#2	.4665	.0100	.4253	.0059

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80456.	37195.	1663.5	4969.0
Stddev	238.	85.	6.2	11.2
%RSD	.29555	.22938	.37330	.22578
#1	80287.	37135.	1667.9	4977.0
#2	80624.	37255.	1659.1	4961.1

Zoom In Zoom Out

Sample Name: JA62308-4 Acquired: 12/2/2010 13:45:25 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2925	.0007	.5724	.0250	.0094	.7672	1.479	.4095	.0038
Stddev	.0025	.0000	.0017	.0000	.0003	.0015	.000	.0022	.0002
%RSD	.8480	5.269	.3042	.0186	3.601	.2002	.0297	.5302	4.137
#1	.2908	.0006	.5736	.0250	.0096	.7661	1.479	.4110	.0037
#2	.2943	.0007	.5712	.0250	.0091	.7683	1.480	.4080	.0039

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0014	53.90	.0496	-.0103	64.53	.0135	.5832	3.601	192.2
Stddev	.0005	.19	.0003	.0003	.28	.0013	.0028	.038	.5
%RSD	34.95	.3506	.6556	3.238	.4321	9.899	.4740	1.044	.2836
#1	.0017	54.03	.0494	-.0101	64.73	.0125	.5852	3.574	192.6
#2	.0011	53.76	.0498	-.0106	64.33	.0144	.5813	3.628	191.8

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	4.533	15.82	110.4	1078.	.3975	-.0006	-.0016	17.31	.2037
Stddev	.021	.10	.6	.	.0003	.0002	.0003	.07	.0006
%RSD	.4541	.6364	.5201	.0013	.0647	36.75	17.90	.3938	.2897
#1	4.519	15.75	110.0	1078.	.3977	-.0004	-.0014	17.36	.2041
#2	4.548	15.89	110.8	1078.	.3974	-.0008	-.0019	17.26	.2032

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4255	.0194	.3929	.0042
Stddev	.0029	.0010	.0006	.0001
%RSD	.6736	4.991	.1587	1.705
#1	.4235	.0200	.3933	.0041
#2	.4275	.0187	.3924	.0042

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80362.	37287.	1654.8	4959.8
Stddev	102.	42.	3.3	14.0
%RSD	.12751	.11134	.19651	.28292
#1	80434.	37316.	1652.5	4949.9
#2	80289.	37258.	1657.1	4969.7

Zoom In Zoom Out

Sample Name: MP55908-MB1CONF Acquired: 12/2/2010 13:51:25 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0096	.0000	.0002	.0002	.0003	.0012	.0022	.0048	.0003
Stddev	.0000	.0000	.0001	.0001	.0002	.0004	.0000	.0000	.0001
%RSD	.3258	51.37	29.39	36.98	78.72	34.48	.1021	.2978	21.13
#1	.0095	.0000	.0002	.0003	.0004	.0015	.0022	.0049	.0003
#2	.0096	.0000	.0002	.0002	.0001	.0009	.0022	.0048	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0002	-.0023	.0026	-.0100	-.0009	.0137	-.0007	.0099	.1851
Stddev	.0003	.0001	.0001	.0013	.0003	.0004	.0013	.0049	.0011
%RSD	131.5	3.363	2.708	12.62	28.41	2.833	193.2	49.33	.5777
#1	.0000	-.0024	.0027	-.0091	-.0011	.0134	-.0016	.0133	.1859
#2	-.0004	-.0023	.0026	-.0109	-.0007	.0140	.0002	.0064	.1844

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0218	.0452	5.878	1101.	.0682	-.0003	-.0006	.3294	.0059
Stddev	.0004	.0020	.039	7.	.0000	.0001	.0003	.0002	.0000
%RSD	2.006	4.381	.6688	.6737	.0720	40.13	56.57	.0546	.4354
#1	.0214	.0466	5.850	1096.	.0682	-.0002	-.0008	.3295	.0059
#2	.0221	.0438	5.906	1107.	.0682	-.0004	-.0003	.3292	.0058

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0407	-.0004	-.0004	-.0002
Stddev	.0003	.0003	.0002	.0001
%RSD	.6256	73.92	42.94	25.63
#1	.0406	-.0005	-.0002	-.0002
#2	.0409	-.0002	-.0005	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78724.	36797.	1606.7	4762.0
Stddev	214.	88.	2.2	6.8
%RSD	.27229	.24004	.13575	.14373
#1	78573.	36859.	1608.2	4766.8
#2	78876.	36734.	1605.1	4757.2

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 13:57:33 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.070	2.079	2.022	2.033	2.040	2.012	2.070	2.034	.2460
Stddev	.004	.009	.009	.008	.008	.003	.006	.014	.0011
%RSD	.1983	.4546	.4198	.3844	.3837	.1590	.2877	.6782	.4347
#1	2.073	2.072	2.028	2.039	2.035	2.009	2.066	2.044	.2452
#2	2.067	2.085	2.016	2.028	2.046	2.014	2.074	2.025	.2467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.032	2.063	2.022	2.023	2.042	2.018	2.002	39.63	39.88
Stddev	.006	.014	.009	.007	.013	.010	.004	.07	.54
%RSD	.3048	.6632	.4453	.3596	.6282	.4954	.1725	.1661	1.349
#1	2.028	2.072	2.029	2.028	2.051	2.025	2.004	39.68	39.50
#2	2.037	2.053	2.016	2.018	2.033	2.011	1.999	39.59	40.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.04	39.40	40.37	39.97	2.083	2.036	1.981	5.054	2.035
Stddev	.31	.30	.18	.35	.015	.007	.004	.024	.011
%RSD	.7765	.7578	.4507	.8780	.7332	.3237	.1894	.4758	.5595
#1	39.82	39.19	40.50	40.21	2.093	2.041	1.978	5.071	2.043
#2	40.26	39.61	40.24	39.72	2.072	2.032	1.984	5.037	2.027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 13:57:33 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.018	2.034	2.145	2.184
Stddev	.023	.005	.002	.006
%RSD	1.146	.2357	.0913	.2888
#1	2.002	2.030	2.146	2.179
#2	2.034	2.037	2.143	2.188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83260.	38756.	1782.0	5409.2
Stddev	209.	27.	3.8	22.9
%RSD	.25112	.07082	.21134	.42413
#1	83408.	38775.	1779.3	5392.9
#2	83112.	38737.	1784.7	5425.4

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 14:03:28 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0000	.0001	.0000	.0000	.0001	.0000	.0004	-.0001
Stddev	.0001	.0000	.0000	.000	.000	.0001	.0001	.0000	.0002
%RSD	82.41	258.4	31.18	94.80	654.3	74.20	207.3	6.101	184.4
#1	.0000	.0000	.0001	-.0001	.0001	.0002	.0001	.0004	.0000
#2	.0001	.0000	.0000	.0000	-.0001	.0001	.0000	.0004	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0000	.0005	.0009	-.0004	.0015	.0007	.0004	-.0015
Stddev	.0001	.0000	.0002	.0007	.0006	.0006	.0000	.0020	.0003
%RSD	19.85	65.70	43.22	74.98	144.4	44.08	3.295	452.9	20.05
#1	-.0003	.0000	.0004	.0004	.0000	.0019	.0007	.0018	-.0012
#2	-.0005	.0001	.0007	.0014	-.0009	.0010	.0007	-.0010	-.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020	.0065	.0305	.1048	.0012	.0016	.0005	.0001	.0009
Stddev	.0000	.0063	.0016	.0060	.0007	.0001	.0001	.0006	.0002
%RSD	.0221	98.14	5.091	5.691	61.30	6.149	18.54	627.9	24.29
#1	.0020	.0109	.0294	.1006	.0017	.0017	.0004	.0005	.0007
#2	.0020	.0020	.0316	.1090	.0007	.0016	.0005	-.0003	.0010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 14:03:28 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0008	.0087	.0006
Stddev	.0000	.0001	.0006	.0002
%RSD	93.90	8.061	7.018	30.40
#1	.0000	.0008	.0092	.0007
#2	.0000	.0009	.0083	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85261.	40785.	1829.7	5725.5
Stddev	394.	2001.	3.6	14.3
%RSD	.46193	4.9065	.19869	.25031
#1	84983.	42200.	1832.2	5735.7
#2	85540.	39370.	1827.1	5715.4

Zoom In Zoom Out

Sample Name: JA62360-1 Acquired: 12/2/2010 14:09:32 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0582	.0005	.0007	.1458	.0322	.0603	.2046	.0083	.0008
Stddev	.0017	.0000	.0000	.0000	.0001	.0003	.0007	.0000	.0000
%RSD	2.856	2.768	5.946	.0074	.4606	.4447	.3331	.3493	.4099
#1	.0593	.0005	.0007	.1458	.0321	.0601	.2042	.0083	.0008
#2	.0570	.0005	.0007	.1459	.0323	.0605	.2051	.0083	.0008

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0215	8.059	.0332	.0007	.0730	.0014	-.0002	5.695	6.960
Stddev	.0000	.011	.0006	.0003	.0001	.0003	.0006	.139	.153
%RSD	.1408	.1298	1.764	47.38	.0874	18.44	401.6	2.433	2.196
#1	.0215	8.066	.0328	.0005	.0730	.0016	.0003	5.793	7.068
#2	.0216	8.051	.0336	.0009	.0729	.0012	-.0006	5.597	6.852

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	16.22	1.881	3.223	.3788	.0359	.0015	-.0002	1.553	.0227
Stddev	.35	.039	.068	.0086	.0002	.0001	.0008	.001	.0007
%RSD	2.142	2.064	2.104	2.259	.6917	8.047	460.3	.0816	3.303
#1	16.47	1.909	3.271	.3849	.0361	.0016	-.0007	1.553	.0222
#2	15.98	1.854	3.175	.3728	.0357	.0014	.0004	1.552	.0232

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0458	.4198	.0525	.0240
Stddev	.0011	.0013	.0003	.0021
%RSD	2.367	.3032	.5854	8.825
#1	.0465	.4189	.0527	.0255
#2	.0450	.4207	.0522	.0225

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84099.	40584.	1776.4	5634.5
Stddev	413.	908.	3.6	4.3
%RSD	.49162	2.2365	.20251	.07653
#1	84391.	39942.	1779.0	5637.5
#2	83807.	41226.	1773.9	5631.4

Zoom In Zoom Out

Sample Name: JA62411-4 Acquired: 12/2/2010 14:15:29 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.7201	.0042	-.0007	.2414	.2587	.1871	9.552	.1584	.0043
Stddev	.0104	.0000	.0000	.0038	.0012	.0008	.106	.0025	.0005
%RSD	1.442	.7489	1.622	1.556	.4582	.4223	1.109	1.566	11.43
#1	.7274	.0042	-.0007	.2388	.2595	.1865	9.477	.1566	.0040
#2	.7127	.0041	-.0007	.2441	.2578	.1876	9.627	.1601	.0047

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.3670	.4055	.0362	-.0001	.4179	-.0046	-.0012	164.1	38.93
Stddev	.0003	.0059	.0018	.0010	.0063	.0015	.0011	2.5	.66
%RSD	.0817	1.457	5.102	1225.	1.509	33.64	96.74	1.535	1.698
#1	.3672	.4013	.0349	.0006	.4135	-.0057	-.0020	165.9	39.40
#2	.3668	.4097	.0375	-.0008	.4224	-.0035	-.0004	162.4	38.47

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	273.2	26.84	7.666	1.772	.0084	.0013	-.0322	2.431	.0183
Stddev	8.1	.45	.122	.033	.0005	.0002	.0084	.041	.0003
%RSD	2.979	1.662	1.584	1.832	5.727	17.01	26.22	1.698	1.624
#1	267.4	27.16	7.752	1.795	.0088	.0012	-.0382	2.402	.0180
#2	278.9	26.53	7.580	1.749	.0081	.0015	-.0262	2.460	.0185

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0480	3.094	.0459	.0370
Stddev	.0007	.005	.0010	.0009
%RSD	1.376	.1645	2.261	2.436
#1	.0485	3.098	.0467	.0364
#2	.0476	3.091	.0452	.0377

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84268.	39937.	1755.7	5252.8
Stddev	23.	578.	27.5	75.6
%RSD	.02726	1.4467	1.5648	1.4385
#1	84252.	39528.	1775.1	5306.2
#2	84285.	40345.	1736.3	5199.3

Zoom In Zoom Out

Sample Name: JA62657-1F Acquired: 12/2/2010 14:21:32 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1164	.0000	.0000	.0004	.0002	.0016	.1375	.0012	-.0001
Stddev	.0003	.0000	.0001	.0003	.0004	.0002	.0001	.0001	.0002
%RSD	.2904	36.61	427.0	74.85	163.1	12.17	.0610	5.876	145.3
#1	.1162	.0000	.0001	.0005	.0005	.0015	.1376	.0011	-.0002
#2	.1167	.0000	.0000	.0002	.0000	.0018	.1374	.0012	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0111	.0001	-.0014	.0001	.0011	.0006	.0342	19.63
Stddev	.0004	.0001	.0001	.0003	.0002	.0003	.0007	.0026	.14
%RSD	668.5	.9288	96.27	22.20	268.4	27.12	107.7	7.596	.7196
#1	-.0002	.0110	.0000	-.0012	-.0001	.0013	.0011	.0360	19.53
#2	.0004	.0112	.0001	-.0016	.0002	.0009	.0002	.0323	19.73

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1162	9.001	.9734	53.86	.0203	.0006	-.0004	2.663	-.0008
Stddev	.0000	.026	.0087	.10	.0011	.0001	.0005	.004	.0003
%RSD	.0354	.2930	.8900	.1841	5.231	18.41	126.4	.1572	37.91
#1	.1162	8.982	.9673	53.79	.0210	.0007	-.0008	2.660	-.0010
#2	.1163	9.020	.9795	53.93	.0195	.0006	.0000	2.666	-.0005

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0757	-.0007	.0201	.0018
Stddev	.0002	.0001	.0005	.0001
%RSD	.2210	18.30	2.472	6.228
#1	.0756	-.0006	.0205	.0019
#2	.0758	-.0007	.0198	.0017

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82897.	38482.	1745.3	5517.9
Stddev	19.	123.	2.5	2.8
%RSD	.02281	.31980	.14379	.05132
#1	82911.	38395.	1743.6	5515.9
#2	82884.	38569.	1747.1	5519.9

Zoom In Zoom Out

Sample Name: JA62657-2F Acquired: 12/2/2010 14:27:30 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0575	.0000	.0001	.0007	.0001	.0044	.8573	.0026	.0002
Stddev	.0002	.0000	.0000	.0000	.0001	.0002	.0012	.0003	.0002
%RSD	.2994	23.11	26.93	1.096	141.5	3.949	.1373	11.09	72.26
#1	.0574	.0000	.0001	.0007	.0001	.0043	.8565	.0028	.0001
#2	.0576	.0000	.0001	.0007	.0000	.0046	.8581	.0024	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0115	-.0003	-.0014	-.0005	.0008	.0000	.0466	15.56
Stddev	.0001	.0001	.0003	.0000	.0005	.0009	.000	.0048	.10
%RSD	49.84	1.282	113.6	2.651	98.07	112.3	627.6	10.27	.6665
#1	.0001	.0114	-.0001	-.0015	-.0009	.0015	.0001	.0500	15.48
#2	.0002	.0116	-.0005	-.0014	-.0002	.0002	-.0001	.0433	15.63

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0526	6.769	1.069	34.86	.0146	.0007	-.0005	1.281	-.0005
Stddev	.0002	.022	.005	.06	.0000	.0000	.0008	.004	.0005
%RSD	.3065	.3286	.4358	.1815	.0238	6.358	179.4	.3102	92.40
#1	.0528	6.753	1.066	34.82	.0146	.0007	-.0011	1.278	-.0009
#2	.0525	6.785	1.073	34.91	.0146	.0007	.0001	1.284	-.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0662	.0003	.0265	.0009
Stddev	.0003	.0000	.0002	.0000
%RSD	.4498	9.904	.7714	2.049
#1	.0660	.0003	.0267	.0009
#2	.0664	.0003	.0264	.0009

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82858.	38631.	1739.7	5530.1
Stddev	81.	74.	3.0	1.6
%RSD	.09796	.19044	.17020	.02943
#1	82915.	38579.	1737.6	5528.9
#2	82800.	38683.	1741.8	5531.2

Zoom In Zoom Out

Sample Name: JA62493-2 Acquired: 12/2/2010 14:33:28 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5343	.0019	.0045	.0514	.7432	.1876	2.791	.2079	.0064
Stddev	.0022	.0000	.0001	.0002	.0026	.0006	.011	.0003	.0001
%RSD	.4061	.9298	1.607	.3245	.3484	.3057	.3873	.1368	1.128
#1	.5327	.0019	.0045	.0515	.7413	.1872	2.783	.2081	.0065
#2	.5358	.0019	.0046	.0513	.7450	.1881	2.799	.2077	.0064

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.7043	4.132	.0580	-.0008	.5435	.0004	-.0005	50.39	105.5
Stddev	.0011	.003	.0009	.0001	.0003	.0003	.0001	.20	.1
%RSD	.1504	.0696	1.517	11.85	.0604	59.72	22.47	.4040	.1414
#1	.7036	4.130	.0586	-.0007	.5433	.0006	-.0004	50.25	105.4
#2	.7051	4.134	.0574	-.0009	.5437	.0003	-.0006	50.53	105.7

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	177.2	59.40	14.35	2.865	.0313	.0459	-.0175	2.901	.0311
Stddev	.9	.10	.07	.011	.0008	.0000	.0026	.003	.0002
%RSD	.5005	.1651	.4753	.3995	2.443	.0848	15.08	.0941	.7876
#1	176.5	59.33	14.30	2.857	.0318	.0459	-.0194	2.899	.0313
#2	177.8	59.46	14.40	2.873	.0308	.0459	-.0156	2.903	.0309

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2238	4.675	.0672	.0375
Stddev	.0010	.014	.0002	.0003
%RSD	.4480	.3018	.3276	.6805
#1	.2231	4.665	.0674	.0377
#2	.2245	4.684	.0671	.0373

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82447.	38707.	1693.2	5198.8
Stddev	70.	20.	6.3	12.3
%RSD	.08546	.05277	.37179	.23620
#1	82496.	38693.	1697.7	5207.5
#2	82397.	38721.	1688.8	5190.1

Zoom In Zoom Out

Sample Name: JA62493-3 Acquired: 12/2/2010 14:39:27 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.4061	.0025	.0050	.0506	.2950	.2240	1.893	.2017	.0054
Stddev	.0020	.0000	.0000	.0000	.0006	.0009	.003	.0008	.0004
%RSD	.4974	.3490	.7681	.0979	.2123	.4143	.1406	.3869	7.533
#1	.4047	.0025	.0050	.0507	.2955	.2234	1.891	.2022	.0051
#2	.4075	.0025	.0050	.0506	.2946	.2247	1.895	.2011	.0057

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5446	5.727	.0529	-.0016	1.066	.0001	.0021	48.77	151.4
Stddev	.0012	.009	.0003	.0003	.003	.0001	.0002	.28	2.3
%RSD	.2152	.1626	.6344	21.19	.2436	143.4	11.04	.5744	1.503
#1	.5438	5.734	.0531	-.0019	1.068	.0000	.0022	48.58	149.7
#2	.5454	5.720	.0527	-.0014	1.064	.0002	.0019	48.97	153.0

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	177.0	53.38	11.72	7.500	.0547	.0512	-.0187	3.124	.0295
Stddev	1.8	.26	.03	.026	.0011	.0001	.0014	.004	.0001
%RSD	.9982	.4942	.2799	.3469	2.055	.2883	7.361	.1118	.4867
#1	175.8	53.20	11.70	7.482	.0555	.0513	-.0197	3.121	.0296
#2	178.3	53.57	11.74	7.519	.0539	.0511	-.0177	3.126	.0294

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.3890	2.678	.0707	.0375
Stddev	.0020	.006	.0002	.0000
%RSD	.5204	.2171	.2520	.0406
#1	.3876	2.673	.0709	.0375
#2	.3904	2.682	.0706	.0375

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82342.	38370.	1691.2	5160.1
Stddev	267.	34.	3.6	12.8
%RSD	.32435	.08792	.21166	.24900
#1	82531.	38394.	1688.6	5151.0
#2	82153.	38347.	1693.7	5169.2

Zoom In Zoom Out

Sample Name: JA62493-4 Acquired: 12/2/2010 14:45:32 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5429	.0008	.0010	.0432	.1170	.1082	1.137	.1346	.0036
Stddev	.0018	.0000	.0000	.0000	.0007	.0001	.005	.0005	.0000
%RSD	.3400	1.196	4.222	.0326	.6319	.0925	.4133	.3851	.1733
#1	.5416	.0008	.0010	.0432	.1164	.1081	1.133	.1342	.0036
#2	.5442	.0008	.0010	.0432	.1175	.1082	1.140	.1350	.0036

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4518	.3794	.0190	.0018	.3296	-.0008	.0006	50.13	205.4
Stddev	.0007	.0008	.0000	.0010	.0013	.0005	.0001	.25	1.9
%RSD	.1629	.2236	.2419	56.65	.3998	59.60	24.53	.4988	.9131
#1	.4512	.3800	.0190	.0011	.3286	-.0005	.0007	49.96	204.1
#2	.4523	.3788	.0190	.0025	.3305	-.0011	.0005	50.31	206.7

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	75.16	111.6	18.55	2.019	.0297	.0072	-.0063	1.852	.0276
Stddev	.41	.6	.12	.012	.0004	.0002	.0007	.005	.0011
%RSD	.5433	.5019	.6609	.5872	1.439	2.392	11.39	.2659	3.963
#1	74.87	111.2	18.46	2.010	.0300	.0071	-.0068	1.855	.0283
#2	75.44	112.0	18.63	2.027	.0294	.0073	-.0058	1.848	.0268

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2993	4.590	.0383	.0125
Stddev	.0011	.010	.0009	.0000
%RSD	.3808	.2259	2.400	.1815
#1	.2985	4.583	.0377	.0125
#2	.3001	4.597	.0390	.0125

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80581.	38424.	1663.7	5072.3
Stddev	104.	142.	11.3	24.1
%RSD	.12932	.36914	.67917	.47473
#1	80654.	38525.	1671.7	5089.4
#2	80507.	38324.	1655.7	5055.3

Zoom In Zoom Out

Sample Name: JA62308-7 Acquired: 12/2/2010 14:51:33 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0291	.0010	1.415	.0638	.0043	1.128	3.806	.6899	.0038
Stddev	.0000	.0000	.008	.0000	.0005	.005	.002	.0013	.0002
%RSD	.1167	1.223	.5590	.0325	11.95	.4487	.0638	.1872	4.019
#1	.0291	.0010	1.409	.0638	.0047	1.132	3.804	.6890	.0037
#2	.0291	.0010	1.420	.0638	.0040	1.125	3.808	.6908	.0039

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0007	77.91	.0081	-.0015	49.03	.0175	.0083	4.890	891.7
Stddev	.0000	.23	.0011	.0011	.05	.0013	.0003	.026	24.6
%RSD	5.502	.2936	13.11	70.75	.0960	7.595	3.316	.5245	2.759
#1	.0007	77.75	.0073	-.0008	48.99	.0165	.0085	4.872	874.3
#2	.0007	78.07	.0088	-.0023	49.06	.0184	.0081	4.908	909.1

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	-.3797	34.36	104.1	1197.	.8754	-.0047	-.0077	24.42	-.0028
Stddev	.0024	.12	.2	.	.0023	.0001	.0003	.14	.0008
%RSD	.6449	.3391	.1697	.0416	.2664	2.751	4.057	.5526	29.71
#1	-.3779	34.28	104.0	1198.	.8737	-.0046	-.0075	24.33	-.0034
#2	-.3814	34.45	104.2	1197.	.8770	-.0048	-.0079	24.52	-.0022

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.049	-.0184	.9185	.0006
Stddev	.004	.0002	.0027	.0000
%RSD	.3310	1.304	.2980	2.674
#1	1.046	-.0185	.9166	.0006
#2	1.051	-.0182	.9204	.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73762.	34149.	1437.6	4182.7
Stddev	290.	10.	9.4	17.0
%RSD	.39381	.02996	.65637	.40699
#1	73557.	34156.	1444.3	4194.7
#2	73967.	34141.	1430.9	4170.7

Zoom In Zoom Out

Sample Name: JA62308-7 Acquired: 12/2/2010 14:57:39 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0296	.0011	1.364	.0670	.0042	1.076	3.998	.7113	.0046
Stddev	.0006	.0001	.001	.0001	.0004	.005	.004	.0006	.0005
%RSD	2.125	7.185	.0644	.0826	10.08	.4968	.0881	.0836	10.63
#1	.0300	.0010	1.364	.0669	.0039	1.079	3.996	.7109	.0043
#2	.0291	.0011	1.363	.0670	.0045	1.072	4.001	.7117	.0050

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	91.84	.0075	-.0077	50.99	.0197	.0057	4.849	968.1
Stddev	.0001	.03	.0005	.0007	.06	.0010	.0015	.108	20.5
%RSD	16.47	.0284	6.371	8.773	.1157	5.203	27.15	2.232	2.113
#1	.0004	91.86	.0079	-.0073	50.95	.0204	.0068	4.926	982.6
#2	.0005	91.82	.0072	-.0082	51.03	.0190	.0046	4.773	953.7

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	-.4919	35.65	103.8	1216.	.8938	-.0063	-.0073	24.08	-.0043
Stddev	.0043	.51	2.1	23.	.0039	.0003	.0009	.01	.0012
%RSD	.8824	1.433	2.048	1.928	.4337	4.835	12.45	.0211	28.62
#1	-.4889	36.01	105.3	1233.	.8910	-.0061	-.0066	24.08	-.0051
#2	-.4950	35.28	102.3	1200.	.8965	-.0066	-.0079	24.09	-.0034

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.072	-.0189	.8210	-.0001
Stddev	.019	.0008	.0010	.0001
%RSD	1.737	4.481	.1267	173.8
#1	1.085	-.0183	.8217	.0000
#2	1.059	-.0195	.8203	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76956.	35233.	1547.8	4631.6
Stddev	298.	657.	.1	2.9
%RSD	.38698	1.8634	.00712	.06293
#1	76746.	34768.	1547.8	4633.6
#2	77167.	35697.	1547.7	4629.5

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 15:03:46 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.060	2.068	2.034	2.035	2.041	2.005	2.078	2.037	.2467
Stddev	.010	.009	.010	.010	.006	.014	.002	.014	.0002
%RSD	.5031	.4445	.5084	.4848	.2993	.6875	.0784	.6722	.0780
#1	2.053	2.062	2.027	2.028	2.046	1.995	2.079	2.028	.2468
#2	2.068	2.075	2.042	2.042	2.037	2.015	2.077	2.047	.2465
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.037	2.066	2.023	2.027	2.048	2.019	2.008	39.52	39.92
Stddev	.003	.009	.011	.014	.012	.014	.010	.24	.15
%RSD	.1665	.4214	.5578	.6989	.5926	.6988	.5180	.6180	.3656
#1	2.034	2.059	2.015	2.017	2.039	2.009	2.001	39.35	39.82
#2	2.039	2.072	2.031	2.037	2.056	2.029	2.016	39.70	40.02
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.05	39.48	40.42	39.95	2.104	2.045	1.982	5.086	2.040
Stddev	.15	.20	.11	.26	.024	.013	.008	.037	.010
%RSD	.3811	.5104	.2840	.6471	1.136	.6195	.4091	.7375	.4837
#1	39.94	39.34	40.34	39.77	2.087	2.036	1.977	5.059	2.033
#2	40.16	39.62	40.50	40.14	2.121	2.054	1.988	5.112	2.047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 15:03:46 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.021	2.038	2.159	2.184
Stddev	.022	.001	.013	.006
%RSD	1.082	.0417	.5968	.2684
#1	2.006	2.037	2.150	2.180
#2	2.037	2.039	2.168	2.188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82819.	38566.	1766.7	5369.3
Stddev	220.	21.	9.5	31.9
%RSD	.26503	.05460	.53745	.59479
#1	82974.	38551.	1773.5	5391.9
#2	82664.	38581.	1760.0	5346.8

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 15:09:40 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0000	.0000	.0000	.0000	.0002	.0000	.0001	-.0003
Stddev	.0000	.0000	.0000	.000	.0002	.0003	.0000	.0001	.0000
%RSD	72.11	32.23	64.92	498.1	670.7	156.7	26.32	54.14	11.36
#1	.0001	.0000	.0000	-.0002	.0002	.0005	.0000	.0002	-.0003
#2	.0000	.0000	.0000	.0001	-.0001	.0000	.0000	.0001	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0002	.0003	.0015	.0000	.0009	-.0002	.0016	-.0013
Stddev	.0000	.0001	.0001	.0003	.000	.0005	.0009	.0022	.0017
%RSD	1.881	36.75	35.67	23.87	297.7	55.45	501.1	139.0	126.2
#1	-.0001	.0002	.0003	.0012	.0000	.0012	-.0008	.0032	-.0001
#2	-.0001	.0003	.0002	.0017	-.0001	.0005	.0005	.0000	-.0025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036	.0057	.0289	.0912	.0021	.0018	.0002	.0020	.0006
Stddev	.0000	.0062	.0065	.0008	.0002	.0004	.0008	.0041	.0000
%RSD	1.148	108.9	22.57	.8466	7.384	20.87	468.1	206.5	1.938
#1	.0036	.0100	.0335	.0918	.0022	.0020	.0008	-.0009	.0006
#2	.0036	.0013	.0243	.0907	.0020	.0015	-.0004	.0049	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 15:09:40 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0007	.0085	.0005
Stddev	.0000	.0001	.0009	.0001
%RSD	13.77	6.906	10.69	20.99
#1	.0000	.0007	.0092	.0006
#2	.0000	.0008	.0079	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84418.	39044.	1836.6	5762.9
Stddev	23.	55.	6.5	10.9
%RSD	.02684	.14162	.35332	.18963
#1	84402.	39083.	1832.1	5755.1
#2	84434.	39005.	1841.2	5770.6

Zoom In Zoom Out

Sample Name: JA62592-1 Acquired: 12/2/2010 15:15:44 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2830	-.0002	.0006	-.0017	.0270	.0029	.0001	.0036	-.0029
Stddev	.0008	.0000	.0006	.0001	.0001	.0004	.0000	.0004	.0002
%RSD	.2909	1.998	87.07	5.338	.2546	14.28	19.15	11.83	8.273
#1	.2825	-.0002	.0002	-.0016	.0269	.0031	.0001	.0039	-.0028
#2	.2836	-.0002	.0010	-.0018	.0270	.0026	.0002	.0033	-.0031

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0003	-.0024	.0109	-.0083	-.0047	.0451	.0031	-.4862	3107.
Stddev	.0004	.0002	.0022	.0012	.0013	.0019	.0003	.0062	56.
%RSD	138.5	9.212	20.11	14.99	26.52	4.184	10.65	1.282	1.795
#1	.0006	-.0025	.0124	-.0092	-.0038	.0438	.0029	-.4818	3068.
#2	.0000	-.0022	.0093	-.0074	-.0056	.0464	.0033	-.4906	3146.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	-.0225	.0665	17.66	14.81	1.714	.0091	-.0198	.3144	.0021
Stddev	.0001	.0016	.03	.01	.008	.0006	.0001	.0052	.0002
%RSD	.2479	2.379	.1654	.0524	.4713	6.682	.4886	1.648	9.048
#1	-.0225	.0654	17.68	14.82	1.709	.0095	-.0199	.3107	.0023
#2	-.0224	.0676	17.64	14.80	1.720	.0087	-.0197	.3180	.0020

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	4.605	.0126	.1042	.0092
Stddev	.029	.0005	.0015	.0008
%RSD	.6201	4.125	1.413	8.738
#1	4.585	.0122	.1032	.0097
#2	4.625	.0130	.1053	.0086

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74337.	34846.	1468.5	4439.5
Stddev	273.	15.	8.7	21.9
%RSD	.36680	.04188	.59093	.49383
#1	74144.	34836.	1474.6	4455.0
#2	74530.	34857.	1462.4	4424.0

Zoom In Zoom Out

Sample Name: JA62593-1 Acquired: 12/2/2010 15:21:52 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.4610	-.0002	.0009	-.0020	.0325	.0026	.0004	.0046	-.0033
Stddev	.0003	.0000	.0000	.0002	.0005	.0008	.0000	.0001	.0003
%RSD	.0684	21.10	2.895	10.83	1.575	32.02	6.046	2.765	7.747
#1	.4612	-.0002	.0009	-.0022	.0329	.0032	.0003	.0047	-.0031
#2	.4608	-.0002	.0009	-.0019	.0322	.0020	.0004	.0045	-.0034

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	-.0076	.0109	-.0048	-.0017	.0619	.0027	-.4752	3205.
Stddev	.0001	.0000	.0009	.0011	.0006	.0021	.0000	.0103	26.
%RSD	68.22	.0169	8.370	23.92	37.81	3.316	.6275	2.177	.8099
#1	.0003	-.0076	.0116	-.0056	-.0021	.0633	.0027	-.4678	3187.
#2	.0001	-.0076	.0103	-.0039	-.0012	.0604	.0027	-.4825	3224.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	-.0082	.0462	23.75	18.85	1.923	.0215	-.0209	.3216	.0008
Stddev	.0004	.0223	.05	.09	.008	.0005	.0012	.0032	.0004
%RSD	4.805	48.21	.2283	.4594	.4075	2.286	5.685	.9940	53.53
#1	-.0084	.0620	23.79	18.92	1.917	.0218	-.0217	.3194	.0005
#2	-.0079	.0305	23.72	18.79	1.928	.0211	-.0200	.3239	.0011

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	5.418	.0134	.1036	.0028
Stddev	.024	.0015	.0004	.0001
%RSD	.4419	11.48	.3889	3.448
#1	5.401	.0123	.1033	.0027
#2	5.435	.0145	.1039	.0028

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75015.	34717.	1470.3	4422.7
Stddev	291.	65.	3.4	10.0
%RSD	.38763	.18605	.23321	.22613
#1	74809.	34671.	1472.7	4429.8
#2	75220.	34762.	1467.9	4415.7

Zoom In Zoom Out

Sample Name: JA62595-1 Acquired: 12/2/2010 15:27:59 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.3105	-.0001	.0005	-.0018	.0308	.0029	.0002	.3343	-.0027
Stddev	.0008	.0000	.0000	.0006	.0014	.0003	.0000	.4658	.0003
%RSD	.2627	17.99	6.919	33.83	4.664	9.360	21.82	139.3	10.35
#1	.3111	-.0001	.0005	-.0014	.0318	.0031	.0002	.6637	-.0029
#2	.3099	-.0001	.0005	-.0023	.0298	.0027	.0001	.0049	-.0025

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	.0579	.0076	-.0080	-.0014	.0532	.0026	-.4660	2920.
Stddev	.0002	.0884	.0002	.0004	.0056	.0002	.0001	.0048	23.
%RSD	32.80	152.6	2.639	4.933	394.3	.2870	4.897	1.034	.7879
#1	.0004	.1204	.0077	-.0083	.0026	.0533	.0027	-.4694	2937.
#2	.0007	-.0046	.0074	-.0078	-.0054	.0530	.0025	-.4626	2904.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	-.0180	.0432	20.95	15.88	2.558	.0039	-.0164	.2865	.0011
Stddev	.0008	.0157	.06	.02	.012	.0004	.0007	.0268	.0000
%RSD	4.220	36.29	.2865	.1462	.4756	11.14	4.484	9.339	1.394
#1	-.0186	.0543	20.99	15.90	2.566	.0036	-.0159	.3054	.0011
#2	-.0175	.0321	20.90	15.86	2.549	.0042	-.0169	.2676	.0011

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	5.587	.0117	.0951	-.0004
Stddev	.077	.0001	.0028	.0000
%RSD	1.386	1.224	2.905	1.338
#1	5.532	.0118	.0970	-.0004
#2	5.642	.0116	.0931	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75149.	35034.	1475.4	4453.2
Stddev	1297.	136.	15.5	51.4
%RSD	1.7255	.38831	1.0513	1.1538
#1	74232.	34938.	1464.5	4416.9
#2	76065.	35131.	1486.4	4489.6

Zoom In Zoom Out

Sample Name: JA62596-1 Acquired: 12/2/2010 15:34:09 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.4682	-.0002	.0009	-.0017	.0367	.0021	.0016	.0037	-.0031
Stddev	.0007	.0000	.0002	.0001	.0001	.0002	.0001	.0003	.0002
%RSD	.1550	.7332	20.14	4.168	.3642	9.685	4.822	8.154	6.086
#1	.4677	-.0002	.0007	-.0017	.0368	.0022	.0015	.0035	-.0032
#2	.4687	-.0002	.0010	-.0018	.0366	.0019	.0016	.0040	-.0030

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0007	-.0034	.0098	-.0150	-.0050	.0443	.0040	-.4821	3352.
Stddev	.0005	.0001	.0035	.0001	.0020	.0018	.0007	.0084	21.
%RSD	70.03	2.038	35.73	.8370	39.15	4.065	17.35	1.740	.6160
#1	.0003	-.0034	.0123	-.0151	-.0036	.0430	.0045	-.4880	3338.
#2	.0010	-.0033	.0073	-.0150	-.0064	.0456	.0036	-.4761	3367.

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0224	.0638	25.29	21.89	2.209	.0318	-.0227	.3573	.0034
Stddev	.0021	.0030	.07	.06	.008	.0004	.0009	.0017	.0011
%RSD	9.335	4.635	.2752	.2601	.3492	1.387	3.761	.4840	31.67
#1	.0209	.0659	25.24	21.85	2.214	.0321	-.0221	.3561	.0026
#2	.0239	.0617	25.34	21.93	2.203	.0315	-.0233	.3585	.0041

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	5.716	.0137	.1179	.0027
Stddev	.033	.0000	.0012	.0000
%RSD	.5842	.0677	1.032	1.048
#1	5.693	.0137	.1170	.0027
#2	5.740	.0138	.1187	.0027

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73641.	34517.	1471.7	4410.2
Stddev	53.	33.	2.1	4.0
%RSD	.07245	.09659	.14512	.09056
#1	73603.	34494.	1470.2	4407.4
#2	73679.	34541.	1473.2	4413.0

Zoom In Zoom Out

Sample Name: MP55933-MB1 Acquired: 12/2/2010 15:40:18 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0001	-.0001	.0002	.0004	.0001	.0004	-.0002
Stddev	.0000	.000	.0000	.0002	.0002	.0001	.0000	.0000	.0001
%RSD	3.557	3200.	21.29	315.2	86.09	19.87	16.86	.9301	55.89
#1	.0001	.0000	.0001	.0001	.0001	.0004	.0001	.0004	-.0002
#2	.0001	.0000	.0001	-.0002	.0003	.0003	.0001	.0004	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0001	.0011	-.0003	-.0016	-.0009	.0014	.0010	.0086	.0626
Stddev	.0000	.0000	.0001	.0006	.0001	.0005	.0002	.0008	.0083
%RSD	9.600	2.337	18.71	39.33	7.090	36.54	19.54	8.773	13.33
#1	-.0001	.0011	-.0003	-.0011	-.0010	.0011	.0009	.0091	.0685
#2	-.0001	.0011	-.0003	-.0020	-.0009	.0018	.0012	.0081	.0567

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0059	.0066	.0208	.0528	.0029	.0001	-.0006	.0131	.0000
Stddev	.0002	.0033	.0104	.0009	.0004	.0000	.0000	.0002	.001
%RSD	3.894	50.28	49.84	1.623	14.37	7.974	6.501	1.656	1407.
#1	.0058	.0043	.0281	.0534	.0032	.0001	-.0007	.0129	-.0004
#2	.0061	.0090	.0135	.0522	.0026	.0001	-.0006	.0132	.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	.0001	.0025	-.0001
Stddev	.0000	.0001	.0005	.0000
%RSD	24.34	56.24	18.52	55.40
#1	.0001	.0001	.0022	-.0001
#2	.0001	.0001	.0029	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84093.	39322.	1829.1	5748.1
Stddev	80.	104.	.4	7.4
%RSD	.09476	.26511	.02170	.12863
#1	84150.	39395.	1828.8	5753.3
#2	84037.	39248.	1829.4	5742.8

Zoom In Zoom Out

Sample Name: MP55933-LC1 Acquired: 12/2/2010 15:46:18 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5281	.5252	.4956	.5096	.5205	.4797	.5248	.5053	.1905
Stddev	.0049	.0026	.0012	.0006	.0074	.0026	.0073	.0017	.0018
%RSD	.9324	.4970	.2389	.1084	1.416	.5467	1.391	.3297	.9577
#1	.5316	.5271	.4948	.5092	.5152	.4778	.5197	.5041	.1892
#2	.5246	.5234	.4965	.5100	.5257	.4815	.5300	.5065	.1918

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5050	.5179	.4948	.4628	.4900	.4812	.4939	4.886	5.498
Stddev	.0060	.0013	.0018	.0008	.0015	.0041	.0025	.041	.011
%RSD	1.179	.2537	.3635	.1785	.3131	.8472	.5080	.8382	.2021
#1	.5008	.5170	.4935	.4622	.4889	.4783	.4921	4.915	5.490
#2	.5092	.5189	.4961	.4634	.4911	.4841	.4956	4.857	5.506

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.694	5.263	10.27	10.35	-.0009	.5151	.0016	.6012	-.0001
Stddev	.010	.013	.11	.16	.0002	.0014	.0000	.0134	.0004
%RSD	.1714	.2436	1.090	1.498	24.14	.2749	.4700	2.234	462.7
#1	5.701	5.272	10.34	10.46	-.0010	.5141	.0016	.5917	.0002
#2	5.687	5.254	10.19	10.24	-.0007	.5161	.0016	.6107	-.0004

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0005	.5104	.0201	.0015
Stddev	.0000	.0053	.0005	.0003
%RSD	2.151	1.041	2.601	21.15
#1	.0005	.5067	.0205	.0018
#2	.0005	.5142	.0198	.0013

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83544.	38646.	1800.7	5639.4
Stddev	417.	422.	.8	2.8
%RSD	.49972	1.0925	.04583	.04993
#1	83839.	38348.	1801.3	5641.4
#2	83249.	38945.	1800.1	5637.4

Zoom In Zoom Out

Sample Name: MP55851-MB2 Acquired: 12/2/2010 15:52:07 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0099	.0000	.0002	.0002	.0010	.0013	.0023	.0052	.0003
Stddev	.0000	.000	.0000	.0000	.0003	.0002	.0000	.0001	.0000
%RSD	.1660	28.70	13.09	17.36	29.01	18.57	.7037	2.509	.9984
#1	.0099	.0000	.0002	.0003	.0008	.0014	.0023	.0051	.0003
#2	.0099	.0000	.0002	.0002	.0012	.0011	.0023	.0053	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0002	-.0026	.0034	-.0096	-.0014	.0122	-.0005	.0102	.1855
Stddev	.0000	.0001	.0004	.0005	.0005	.0010	.0007	.0000	.0002
%RSD	17.68	4.297	10.70	4.874	37.82	7.851	148.5	.1227	.1145
#1	-.0002	-.0026	.0031	-.0099	-.0011	.0129	.0000	.0103	.1856
#2	-.0001	-.0025	.0036	-.0092	-.0018	.0115	-.0009	.0102	.1853

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0354	.0476	5.956	1136.	.0709	.0002	-.0009	.3356	.0061
Stddev	.0007	.0036	.034	4.	.0005	.0000	.0003	.0005	.0002
%RSD	1.915	7.609	.5658	.3370	.6779	5.547	35.70	.1583	3.142
#1	.0349	.0451	5.932	1133.	.0712	.0002	-.0012	.3360	.0060
#2	.0358	.0502	5.979	1138.	.0705	.0002	-.0007	.3352	.0062

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0414	-.0004	-.0010	-.0003
Stddev	.0002	.0004	.0004	.0000
%RSD	.4466	112.2	40.41	5.526
#1	.0413	-.0001	-.0012	-.0003
#2	.0415	-.0006	-.0007	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78218.	36358.	1613.9	4748.6
Stddev	48.	7.	1.6	1.9
%RSD	.06199	.01865	.09627	.04102
#1	78252.	36353.	1615.0	4750.0
#2	78183.	36363.	1612.8	4747.2

Zoom In Zoom Out

Sample Name: MP55851-LC1 Acquired: 12/2/2010 15:58:15 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5265	.5201	.4937	.5100	.5184	.4826	.5253	.5015	.1949
Stddev	.0022	.0016	.0009	.0004	.0003	.0007	.0003	.0010	.0002
%RSD	.4256	.3094	.1889	.0764	.0485	.1546	.0572	.2060	.0893
#1	.5249	.5189	.4944	.5103	.5182	.4831	.5255	.5007	.1948
#2	.5281	.5212	.4930	.5097	.5186	.4821	.5251	.5022	.1950

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5064	.5132	.4950	.4619	.4875	.4795	.4912	4.910	5.471
Stddev	.0008	.0015	.0015	.0009	.0008	.0015	.0027	.022	.010
%RSD	.1610	.2952	.2966	.1938	.1672	.3060	.5426	.4444	.1752
#1	.5058	.5121	.4961	.4613	.4870	.4805	.4931	4.895	5.465
#2	.5070	.5143	.4940	.4626	.4881	.4784	.4893	4.925	5.478

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.684	5.351	10.38	10.35	-.0062	.5147	.0009	.1037	.0002
Stddev	.021	.012	.08	.05	.0002	.0013	.0004	.0005	.0001
%RSD	.3621	.2310	.7922	.5201	2.512	.2512	38.85	.4901	36.22
#1	5.670	5.343	10.33	10.31	-.0063	.5156	.0012	.1041	.0003
#2	5.699	5.360	10.44	10.38	-.0061	.5138	.0007	.1034	.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0004	.5113	.0184	.0000
Stddev	.0000	.0005	.0011	.0000
%RSD	1.487	.0981	5.708	81.12
#1	.0004	.5110	.0192	.0000
#2	.0004	.5117	.0177	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83258.	38791.	1802.0	5663.3
Stddev	162.	124.	13.8	17.5
%RSD	.19477	.32070	.76809	.30895
#1	83143.	38703.	1792.2	5651.0
#2	83372.	38879.	1811.8	5675.7

Zoom In Zoom Out

Sample Name: MP55928-MB1 Acquired: 12/2/2010 16:04:04 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0000	-.0002	.0002	.0000	.0003	.0000	.0005	.0000
Stddev	.0000	.0000	.0001	.0001	.000	.0001	.0000	.0001	.000
%RSD	684.9	82.73	45.31	61.55	482.3	40.45	117.4	28.19	216.3
#1	.0000	.0000	-.0001	.0003	.0000	.0004	.0000	.0004	-.0001
#2	.0000	.0000	-.0002	.0001	-.0001	.0002	.0000	.0006	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0004	.0005	.0005	.0044	.0012	-.0024	-.0011	.0065	.0028
Stddev	.0000	.0000	.0004	.0002	.0014	.0019	.0002	.0006	.0001
%RSD	4.811	.9410	77.99	5.698	121.8	79.07	14.37	9.123	3.360
#1	-.0004	.0005	.0002	.0046	.0022	-.0011	-.0010	.0069	.0027
#2	-.0004	.0005	.0008	.0042	.0002	-.0038	-.0012	.0061	.0029

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0015	.0000	.0084	.0681	.0011	.0004	.0001	-.0011	.0051
Stddev	.0000	.006	.0003	.0011	.0000	.0002	.0004	.0006	.0000
%RSD	2.404	32630.	3.361	1.579	3.701	46.16	330.7	51.90	.2280
#1	.0015	-.0045	.0086	.0688	.0011	.0005	.0004	-.0007	.0051
#2	.0016	.0045	.0082	.0673	.0012	.0002	-.0001	-.0015	.0051

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0005	-.0050	-.0003
Stddev	.0000	.0001	.0003	.0001
%RSD	24.45	16.64	5.257	22.17
#1	.0000	.0005	-.0049	-.0003
#2	.0001	.0006	-.0052	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	87184.	40133.	1869.1	5869.7
Stddev	18.	256.	14.5	27.2
%RSD	.02049	.63902	.77448	.46287
#1	87171.	40315.	1879.3	5888.9
#2	87196.	39952.	1858.8	5850.5

Zoom In Zoom Out

Sample Name: MP55928-B1 Acquired: 12/2/2010 16:10:04 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	4.041	.1010	.0991	.9975	.4090	.4812	1.033	.9924	.1024
Stddev	.048	.0002	.0002	.0032	.0015	.0047	.005	.0028	.0002
%RSD	1.188	.1706	.2178	.3249	.3674	.9859	.5172	.2817	.2122
#1	4.007	.1009	.0989	.9952	.4080	.4779	1.029	.9905	.1022
#2	4.075	.1011	.0992	.9998	.4101	.4846	1.037	.9944	.1025

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.9861	1.006	3.856	3.647	.9658	3.689	.9753	53.21	12.41
Stddev	.0069	.003	.014	.017	.0019	.017	.0048	.24	.05
%RSD	.7025	.2451	.3529	.4665	.2017	.4558	.4971	.4478	.4110
#1	.9812	1.004	3.847	3.635	.9644	3.677	.9719	53.04	12.37
#2	.9910	1.008	3.866	3.659	.9672	3.701	.9788	53.38	12.45

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	52.73	12.03	12.88	12.69	.0008	-.0009	.0034	.0216	.0230
Stddev	.22	.06	.07	.08	.0002	.0000	.0002	.0006	.0001
%RSD	.4103	.4824	.5821	.6079	26.58	4.644	4.499	2.982	.4036
#1	52.57	11.99	12.83	12.63	.0006	-.0009	.0035	.0220	.0230
#2	52.88	12.07	12.94	12.74	.0009	-.0010	.0033	.0211	.0231

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0011	.0004	.0525	.0022
Stddev	.0000	.0001	.0007	.0000
%RSD	2.235	13.36	1.360	1.524
#1	.0011	.0004	.0520	.0021
#2	.0012	.0003	.0530	.0022

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83296.	38852.	1792.3	5556.0
Stddev	291.	63.	3.7	7.9
%RSD	.34967	.16323	.20810	.14243
#1	83502.	38807.	1795.0	5561.6
#2	83090.	38897.	1789.7	5550.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 16:16:02 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.085	2.090	2.025	2.033	2.053	2.026	2.082	2.035	.2489
Stddev	.009	.005	.003	.003	.007	.004	.003	.000	.0007
%RSD	.4559	.2528	.1227	.1316	.3622	.1884	.1583	.0029	.2966
#1	2.079	2.086	2.023	2.031	2.048	2.029	2.080	2.035	.2484
#2	2.092	2.093	2.026	2.035	2.058	2.023	2.085	2.035	.2495
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.043	2.062	2.012	2.028	2.041	2.004	1.995	40.02	40.21
Stddev	.001	.000	.001	.002	.001	.003	.005	.14	.04
%RSD	.0666	.0130	.0699	.0811	.0394	.1537	.2315	.3387	.0920
#1	2.042	2.062	2.011	2.030	2.042	2.002	1.992	39.93	40.23
#2	2.044	2.062	2.013	2.027	2.041	2.007	1.998	40.12	40.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.39	39.77	40.84	40.90	2.075	2.039	1.998	5.045	2.038
Stddev	.11	.04	.21	.25	.005	.004	.002	.012	.001
%RSD	.2803	.0937	.5051	.6065	.2309	.1960	.0903	.2443	.0316
#1	40.31	39.74	40.70	40.72	2.072	2.036	2.000	5.036	2.039
#2	40.47	39.79	40.99	41.07	2.079	2.042	1.997	5.054	2.038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 16:16:02 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.033	2.044	2.163	2.199
Stddev	.000	.003	.005	.005
%RSD	.0147	.1392	.2402	.2335
#1	2.033	2.042	2.160	2.195
#2	2.033	2.046	2.167	2.203
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83003.	38438.	1793.9	5441.6
Stddev	201.	98.	5.4	11.9
%RSD	.24245	.25485	.30368	.21809
#1	82861.	38369.	1797.7	5449.9
#2	83145.	38507.	1790.0	5433.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 16:21:56 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0001	.0000	.0000	.0002	.0000	.0003	.0001
Stddev	.0000	.0000	.0001	.0001	.000	.0000	.000	.0001	.0003
%RSD	140.7	140.5	47.20	365.4	532.8	12.12	68.38	34.54	498.8
#1	.0001	.0000	.0002	.0001	.0001	.0002	.0000	.0004	-.0002
#2	.0000	.0000	.0001	-.0001	-.0001	.0002	.0000	.0003	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0003	.0004	.0017	-.0002	.0011	.0009	.0019	-.0015
Stddev	.0000	.0002	.0004	.0008	.0001	.0008	.0003	.0007	.0025
%RSD	8.835	76.31	118.9	44.93	36.03	70.59	30.36	38.02	166.7
#1	-.0003	.0005	.0001	.0022	-.0001	.0017	.0007	.0024	.0003
#2	-.0002	.0001	.0007	.0012	-.0002	.0006	.0011	.0014	-.0033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	.0012	.0132	.0386	.0023	.0016	.0001	.0006	.0006
Stddev	.0006	.0020	.0057	.0010	.0003	.0003	.0000	.0004	.0001
%RSD	18.92	172.1	43.59	2.646	12.00	21.42	41.57	63.08	20.30
#1	.0026	.0026	.0091	.0379	.0025	.0018	.0001	.0003	.0007
#2	.0034	-.0002	.0172	.0393	.0021	.0014	.0001	.0008	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 16:21:56 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0002	.0073	.0006
Stddev	.0000	.0001	.0009	.0000
%RSD	21.78	27.74	12.18	4.868
#1	.0000	.0002	.0079	.0006
#2	.0001	.0001	.0066	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85124.	39087.	1855.7	5789.0
Stddev	96.	93.	6.7	7.0
%RSD	.11314	.23758	.36056	.12053
#1	85192.	39021.	1860.4	5793.9
#2	85056.	39152.	1851.0	5784.0

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 16:28:01 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0041	.0000	-.0007	.0015	.0003	.0010	-.0002	.0013	.0014
Stddev	.0001	.000	.0002	.0002	.0003	.0011	.0001	.0002	.0010
%RSD	2.661	28.40	35.24	11.39	100.0	110.8	51.30	12.55	72.75
#1	-.0042	.0000	-.0009	.0013	.0005	.0018	-.0001	.0014	.0022
#2	-.0040	.0000	-.0005	.0016	.0001	.0002	-.0002	.0012	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	-.0006	.0042	.0012	-.0037	-.0022	-.0005	496.2	386.3
Stddev	.0003	.0003	.0021	.0034	.0035	.0002	.0009	17.8	16.5
%RSD	17.83	57.60	51.16	279.0	94.61	9.436	180.8	3.582	4.264
#1	.0017	-.0004	.0027	.0036	-.0012	-.0020	-.0011	508.7	397.9
#2	.0014	-.0008	.0057	-.0012	-.0062	-.0023	.0001	483.6	374.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	187.6	526.2	-.0113	.4597	-.0037	.0027	-.0364	-.0104	-.0070
Stddev	10.8	23.5	.0018	.0150	.0006	.0003	.0086	.0012	.0000
%RSD	5.768	4.469	16.09	3.259	15.35	11.28	23.71	11.27	.0595
#1	195.2	542.8	-.0100	.4703	-.0033	.0029	-.0303	-.0112	-.0070
#2	179.9	509.5	-.0125	.4491	-.0041	.0025	-.0425	-.0095	-.0070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 16:28:01 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0005	.0036	.0405	.0056
Stddev	.0000	.0006	.0006	.0008
%RSD	8.646	15.56	1.388	13.85
#1	.0005	.0039	.0409	.0061
#2	.0006	.0032	.0401	.0051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76950.	35769.	1635.0	4676.5
Stddev	23.	1491.	7.0	15.9
%RSD	.02979	4.1679	.42601	.34010
#1	76967.	34715.	1630.0	4665.3
#2	76934.	36823.	1639.9	4687.8

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 16:34:13 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5136	.4982	1.057	.4707	.4953	.5187	.4965	.9865	1.077
Stddev	.0038	.0013	.004	.0014	.0020	.0004	.0025	.0033	.003
%RSD	.7399	.2707	.4132	.2961	.4129	.0787	.5118	.3391	.2607
#1	.5109	.4972	1.054	.4697	.4968	.5190	.4983	.9841	1.079
#2	.5163	.4991	1.060	.4717	.4939	.5184	.4947	.9889	1.075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4894	.9063	1.001	.9476	1.004	.9548	1.018	500.1	390.9
Stddev	.0031	.0026	.004	.0014	.000	.0025	.005	3.3	4.0
%RSD	.6435	.2829	.3572	.1498	.0032	.2599	.4627	.6671	1.032
#1	.4916	.9045	.9985	.9466	1.004	.9531	1.015	497.7	393.7
#2	.4872	.9081	1.004	.9486	1.004	.9566	1.022	502.5	388.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	184.4	518.7	-.0182	.4505	-.0178	.4879	.5069	-.0138	-.0068
Stddev	2.0	.1	.0061	.0033	.0008	.0022	.0038	.0012	.0014
%RSD	1.059	.0157	33.26	.7295	4.564	.4573	.7424	8.511	20.95
#1	185.8	518.8	-.0139	.4482	-.0184	.4863	.5096	-.0146	-.0058
#2	183.0	518.6	-.0225	.4528	-.0173	.4895	.5043	-.0129	-.0078
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 16:34:13 Type: QC
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0004	.0031	.5363	.4139
Stddev	.0001	.0000	.0008	.0067
%RSD	29.94	1.247	.1452	1.630
#1	.0003	.0032	.5357	.4091
#2	.0005	.0031	.5368	.4187
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76788.	36198.	1635.3	4683.4
Stddev	207.	45.	6.3	17.6
%RSD	.26945	.12464	.38756	.37613
#1	76642.	36166.	1639.8	4695.8
#2	76934.	36229.	1630.8	4670.9

Zoom In Zoom Out

Sample Name: FE200PPMCONF Acquired: 12/2/2010 16:40:14 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0002	.0000	-.0009	.0004	-.0005	.0019	.0002	.0011	.0023
Stddev	.0000	.000	.0000	.0000	.0001	.0001	.0000	.0002	.0003
%RSD	2.373	31.74	.5168	12.44	27.94	6.229	7.627	13.78	14.26
#1	.0002	.0000	-.0009	.0004	-.0006	.0018	.0002	.0010	.0020
#2	.0002	.0000	-.0009	.0003	-.0004	.0019	.0002	.0013	.0025

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0003	-.0004	.0017	.0030	-.0012	.0008	.0002	.0048	-.0162
Stddev	.0004	.0001	.0005	.0002	.0002	.0004	.0006	.0031	.0008
%RSD	141.8	15.90	26.44	5.853	13.54	45.40	327.4	64.87	4.880
#1	-.0005	-.0004	.0014	.0031	-.0010	.0006	-.0003	.0070	-.0168
#2	.0000	-.0005	.0020	.0029	-.0013	.0011	.0007	.0026	-.0157

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	193.7	-.0101	.0248	.0325	-.0028	-.0001	-.0071	.0046	-.0053
Stddev	1.0	.0003	.0047	.0049	.0003	.0000	.0014	.0007	.0002
%RSD	.5025	2.632	18.95	14.95	10.80	5.348	19.77	16.18	4.527
#1	193.0	-.0099	.0215	.0359	-.0026	-.0001	-.0081	.0040	-.0051
#2	194.4	-.0103	.0282	.0290	-.0030	-.0001	-.0061	.0051	-.0055

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0003	.0002	.0167	.0224
Stddev	.0000	.0001	.0006	.0011
%RSD	3.644	39.77	3.330	4.918
#1	.0003	.0001	.0171	.0231
#2	.0003	.0002	.0163	.0216

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84875.	38777.	1828.2	5671.6
Stddev	58.	51.	1.6	4.4
%RSD	.06778	.13121	.08719	.07797
#1	84834.	38741.	1827.1	5674.7
#2	84915.	38813.	1829.3	5668.5

Zoom In Zoom Out

Sample Name: CA400PPMCONF Acquired: 12/2/2010 16:46:18 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0004	.0000	-.0001	.0000	.0005	.0003	.0001	.0012	-.0003
Stddev	.0000	.000	.0001	.000	.0003	.0000	.0000	.0001	.0004
%RSD	10.58	30.53	146.6	121.3	53.47	4.828	11.67	4.311	137.3
#1	.0003	.0000	.0000	-.0001	.0003	.0004	.0001	.0012	-.0006
#2	.0004	.0000	-.0001	.0000	.0007	.0003	.0001	.0012	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0002	.0001	.0003	.0016	.0002	-.0014	.0010	-.0570	389.8
Stddev	.0001	.0001	.0001	.0002	.0003	.0002	.0004	.0025	5.0
%RSD	39.97	117.9	36.56	12.48	123.5	14.61	36.41	4.378	1.279
#1	-.0002	.0001	.0003	.0018	.0000	-.0012	.0013	-.0587	386.3
#2	-.0003	.0000	.0002	.0015	.0004	-.0015	.0008	-.0552	393.4

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0085	.0005	-.0567	.0135	.0021	-.0007	-.0022	.0064	-.0015
Stddev	.0002	.0027	.0011	.0015	.0004	.0001	.0007	.0003	.0003
%RSD	2.145	500.9	1.990	11.15	19.94	18.09	29.12	5.236	18.81
#1	.0086	.0024	-.0575	.0146	.0024	-.0006	-.0018	.0062	-.0018
#2	.0084	-.0014	-.0559	.0125	.0018	-.0008	-.0027	.0067	-.0013

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0002	.0025	.0114	.0022
Stddev	.0000	.0003	.0004	.0001
%RSD	10.10	10.22	3.301	3.340
#1	.0002	.0023	.0112	.0022
#2	.0002	.0027	.0117	.0021

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82721.	37681.	1726.6	5289.5
Stddev	46.	114.	8.9	18.3
%RSD	.05574	.30288	.51638	.34685
#1	82754.	37761.	1732.9	5302.4
#2	82689.	37600.	1720.3	5276.5

Zoom In Zoom Out

Sample Name: AL500PPMCONF Acquired: 12/2/2010 16:52:23 Type: Unk
Method: Accutest1(v168) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	-.0006	.0000	.0000	.0000	-.0009	-.0003	-.0015	.0007	.0006
Stddev	.0000	.000	.000	.0001	.0004	.0001	.0000	.0002	.0002
%RSD	1.973	80.02	182.5	231.4	42.82	18.72	2.606	27.59	35.57
#1	-.0006	.0000	.0000	.0001	-.0011	-.0003	-.0015	.0006	.0004
#2	-.0006	.0000	.0000	.0000	-.0006	-.0003	-.0016	.0009	.0008

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0004	.0037	.0011	.0022	-.0015	.0004	-.0001	451.8	.0548
Stddev	.0005	.0002	.0005	.0008	.0004	.0023	.0002	1.3	.0024
%RSD	122.7	5.706	49.90	34.54	23.59	542.1	281.0	.2831	4.387
#1	-.0007	.0036	.0007	.0028	-.0013	-.0012	-.0002	450.9	.0565
#2	-.0001	.0039	.0015	.0017	-.0018	.0021	.0001	452.7	.0531

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0050	-.0044	.0201	.3812	-.0006	-.0083	.0003	.0019	-.0004
Stddev	.0001	.0009	.0032	.0007	.0010	.0002	.0000	.0014	.0001
%RSD	1.369	20.76	15.93	.1780	152.8	1.808	.1774	73.27	36.62
#1	.0050	-.0037	.0224	.3817	-.0013	-.0084	.0003	.0029	-.0005
#2	.0049	-.0050	.0178	.3808	.0001	-.0082	.0003	.0009	-.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0002	-.0003	.0082	.0010
Stddev	.0000	.0000	.0012	.0000
%RSD	2.445	2.758	14.95	.3940
#1	.0002	-.0003	.0091	.0010
#2	.0003	-.0003	.0074	.0010

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80871.	39712.	1903.0	5567.5
Stddev	69.	2.	4.1	5.8
%RSD	.08528	.00597	.21447	.10438
#1	80822.	39710.	1900.1	5563.4
#2	80920.	39714.	1905.9	5571.6

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ba 455.403 { 74}	☒	2	Mg	0.000007	0.000000	No
			Al	0.000002	0.000000	No
Be 313.042 {108}	☒	10	V	0.000140	0.000000	No
			Mo	-0.000037	0.000000	No
			Ti	-0.000700	0.000000	No
			Mn	-0.000033	0.000000	No
			Ba	0.000015	0.000000	No
			Co	0.000010	0.000000	No
			Ni	0.000004	0.000000	No
			Ca	0.000000	0.000000	No
			Cu	0.000034	0.000000	No
			Zn	-0.000010	0.000000	No
Cd 228.802 {448}	☒	13	As	0.007600	0.000000	No
			Ni	-0.000119	0.000000	No
			Fe	0.000008	0.000000	No
			V	-0.000239	0.000000	No
			Ba	-0.000047	0.000000	No
			Co	-0.003447	0.000000	No
			Sr	-0.000006	0.000000	No
			Ca	-0.000000	0.000000	No
			Mn	-0.000021	0.000000	No
			Cr	0.000025	0.000000	No
			Si	-0.000005	0.000000	No
			Cu	-0.000026	0.000000	No
			W	-0.000550	0.000000	No
Co 228.616 {448}	☒	8	Fe	0.000034	0.000000	No
			Cr	-0.000049	0.000000	No
			Mo	-0.001530	0.000000	No
			Ni	0.000106	0.000000	No
			Ti	0.001962	0.000000	No
			Ba	0.000080	0.000000	No
			W	0.000660	0.000000	No
			Cd	-0.000060	0.000000	No
Cr 267.716 {126}	☒	13	Mn	0.000202	0.000000	No
			V	-0.000022	0.000000	No
			Mo	0.000018	0.000000	No
			Fe	-0.000011	0.000000	No
			W	0.000253	0.000000	No
			Cd	-0.000050	0.000000	No
			Al	0.000002	0.000000	No
			Ca	-0.000001	0.000000	No
			Mg	0.000000	0.000000	No
			Ti	0.000100	0.000000	No
			Sn	0.000000	0.000000	No
			Ba	-0.000005	0.000000	No
			Cu	0.000100	0.000000	No
Cu 324.754 {104}2	☒	13	Cr	-0.000171	0.000000	No
			V	-0.000183	0.000000	No
			Mo	0.000656	0.000000	No
			Ti	-0.000182	0.000000	No
			Fe	-0.000082	0.000000	No
			Al	0.000003	0.000000	No
			Sn	0.000203	0.000000	No
			Zn	-0.000004	0.000000	No
			Co	-0.000300	0.000000	No
			Zr	-0.000100	0.000000	No
			Si	0.000120	0.000000	No
			Mn	0.000000	0.000000	No
			Se	0.000850	0.000000	No
Mn 257.610 {131}	☒	4	Fe	-0.000003	0.000000	No
			Si	0.000050	0.000000	No
			Ba	0.000100	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			As	0.000200	0.000000	No
Ni 231.604 {446}	☒	15	Fe	0.000015	0.000000	No
			Zn	0.000079	0.000000	No
			Be	-0.000087	0.000000	No
			Co	0.000059	0.000000	No
			Tl	0.000209	0.000000	No
			Mg	0.000002	0.000000	No
			Mo	-0.000150	0.000000	No
			V	-0.000032	0.000000	No
			Cu	0.000050	0.000000	No
			Se	0.000100	0.000000	No
			Al	-0.000001	0.000000	No
			Cr	0.000006	0.000000	No
			Si	-0.000030	0.000000	No
			Sn	0.000079	0.000000	No
			Ba	0.000000	0.000000	No
Ag 328.068 {103}	☒	10	Mn	0.000010	0.000000	No
			Mo	0.000023	0.000000	No
			Ti	-0.000150	0.000000	No
			Fe	-0.000093	0.000000	No
			V	-0.008200	0.000000	No
			Zn	-0.000048	0.000000	No
			W	0.000030	0.000000	No
			Ca	0.000000	0.000000	No
			Zr	0.005376	0.000000	No
			Al	-0.000001	0.000000	No
V 292.402 {115}	☒	6	Ti	0.000430	0.000000	No
			Mo	-0.000100	0.000000	No
			Fe	0.000006	0.000000	No
			Sr	-0.000100	0.000000	No
			Cr	-0.003944	0.000000	No
			Mn	-0.000370	0.000000	No
Zn 206.200 {464}	☒	12	Cr	-0.000950	0.000000	No
			Mo	-0.000070	0.000000	No
			Fe	0.000013	0.000000	No
			Al	-0.000003	0.000000	No
			Si	-0.000035	0.000000	No
			Mn	0.000205	0.000000	No
			Ba	0.000390	0.000000	No
			Na	0.000003	0.000000	No
			Ca	0.000007	0.000000	No
			Sr	-0.000833	0.000000	No
			Sn	0.000255	0.000000	No
			Cu	0.000056	0.000000	No
As 189.042 {478}	☒	20	Al	0.000008	0.000000	No
			Fe	-0.000016	0.000000	No
			Ca	-0.000002	0.000000	No
			Mn	-0.000003	0.000000	No
			Mo	0.000975	0.000000	No
			Cr	0.000562	0.000000	No
			V	0.000057	0.000000	No
			Co	-0.000558	0.000000	No
			Ba	0.000033	0.000000	No
			W	0.001590	0.000000	No
			Sn	-0.000037	0.000000	No
			Cd	-0.000228	0.000000	No
			Tl	-0.000110	0.000000	No
			Be	-0.000007	0.000000	No
			Mg	0.000000	0.000000	No
			Si	0.000155	0.000000	No
			Zn	-0.000135	0.000000	No
			Sr	-0.000080	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Pd	0.032230	0.000000	No
			Zr	0.002000	0.000000	No
Tl 190.856 {477}	☒	22	Cr	0.000951	0.000000	No
			Mo	-0.005685	0.000000	No
			Al	0.000000	0.000000	No
			Fe	-0.000118	0.000000	No
			V	-0.017300	0.000000	No
			Mn	0.001126	0.000000	No
			Si	0.000177	0.000000	No
			Ca	-0.000001	0.000000	No
			Ti	-0.000510	0.000000	No
			Na	0.000000	0.000000	No
			Mg	-0.000001	0.000000	No
			Co	0.003990	0.000000	No
			Sr	-0.000288	0.000000	No
			B	0.000128	0.000000	No
			Ba	0.000091	0.000000	No
			Zn	0.000321	0.000000	No
			As	0.000153	0.000000	No
			W	-0.042400	0.000000	No
			Ni	0.000056	0.000000	No
			Cu	-0.000167	0.000000	No
			Zr	-0.002000	0.000000	No
			Pd	-0.000500	0.000000	No
Pb 220.353 {453}	☒	22	Al	-0.000097	0.000000	No
			Fe	0.000063	0.000000	No
			Ca	0.000002	0.000000	No
			Mn	0.000063	0.000000	No
			Zn	-0.000036	0.000000	No
			Mo	-0.001174	0.000000	No
			Ni	0.000382	0.000000	No
			Cu	0.000160	0.000000	No
			V	-0.000088	0.000000	No
			Co	0.000211	0.000000	No
			Ti	-0.000003	0.000000	No
			Si	-0.000052	0.000000	No
			Ba	-0.000030	0.000000	No
			Sb	-0.000200	0.000000	No
			K	0.000000	0.000000	No
			Sr	-0.000060	0.000000	No
			W	-0.006750	0.000000	No
			Mg	0.000000	0.000000	No
			Cd	-0.000018	0.000000	No
			Cr	0.000022	0.000000	No
			Pd	0.000170	0.000000	No
			Zr	-0.000500	0.000000	No
Se 196.090 {472}	☒	20	Al	-0.000005	0.000000	No
			Ca	0.000003	0.000000	No
			Mn	0.000323	0.000000	No
			Mo	0.000081	0.000000	No
			Fe	-0.000110	0.000000	No
			Co	-0.000586	0.000000	No
			V	0.000007	0.000000	No
			Sr	-0.000125	0.000000	No
			Cu	-0.000007	0.000000	No
			W	0.007206	0.000000	No
			Si	0.000011	0.000000	No
			Tl	0.000204	0.000000	No
			Be	-0.000143	0.000000	No
			Zn	-0.000130	0.000000	No
			B	0.000025	0.000000	No
			Pd	-0.001682	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ti	-0.000200	0.000000	No
			Cd	-0.000210	0.000000	No
			Zr	-0.000400	0.000000	No
			Ba	0.000081	0.000000	No
Sb 206.833 {463}	☒	13	Fe	0.000019	0.000000	No
			Al	0.000005	0.000000	No
			Ca	-0.000001	0.000000	No
			Ni	-0.001489	0.000000	No
			Cr	0.007570	0.000000	No
			V	-0.000544	0.000000	No
			Zn	0.000188	0.000000	No
			Mo	-0.000600	0.000000	No
			Ti	0.000220	0.000000	No
			Sn	-0.012900	0.000000	No
			W	-0.000500	0.000000	No
			Mg	-0.000001	0.000000	No
			Zr	-0.001300	0.000000	No
Al 396.152 { 85}	☒	4	Si	0.002976	0.000000	No
			Ca	0.000105	0.000000	No
			Mo	0.038910	0.000000	No
			Zr	-0.031182	0.000000	No
Ca 317.933 {106}	☒	16	Fe	0.000630	0.000000	No
			Ti	0.000560	0.000000	No
			W	0.023000	0.000000	No
			Tl	0.004950	0.000000	No
			Be	0.016000	0.000000	No
			Ba	0.008500	0.000000	No
			Cu	0.015200	0.000000	No
			Cd	0.008700	0.000000	No
			Ni	0.006667	0.000000	No
			Pd	0.097700	0.000000	No
			Mn	0.000000	0.000000	No
			B	-0.000210	0.000000	No
			Se	0.017000	0.000000	No
			Co	0.027000	0.000000	No
			Cr	0.024000	0.000000	No
			Al	0.000056	0.000000	No
Fe 259.940 {130}	☒	13	Co	0.000004	0.000000	No
			Si	-0.001181	0.000000	No
			Tl	-0.002602	0.000000	No
			Se	0.000000	0.000000	No
			Cr	-0.000566	0.000000	No
			Mn	0.000000	0.000000	No
			V	-0.000064	0.000000	No
			Cu	0.000953	0.000000	No
			K	-0.001830	0.000000	No
			Zn	0.007900	0.000000	No
			Ti	-0.000631	0.000000	No
			Ca	0.000020	0.000000	No
			Ba	0.001000	0.000000	No
Mg 279.079 {121}	☒	3	Mo	-0.010250	0.000000	No
			W	-0.006578	0.000000	No
			Mn	-0.005360	0.000000	No
K 766.490 { 44}	☒	11	Fe	-0.000340	0.000000	No
			Al	-0.000023	0.000000	No
			Ca	0.000179	0.000000	No
			Mn	0.001430	0.000000	No
			Si	-0.003000	0.000000	No
			V	-0.002000	0.000000	No
			Pd	0.004000	0.000000	No
			Sn	-0.004700	0.000000	No
			Na	-0.004000	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ba	0.007300	0.000000	No
			Mo	-0.000850	0.000000	No
Na 589.592 { 57}	☒	4	K	-0.000560	0.000000	No
			Ba	0.000900	0.000000	No
			Ca	0.000050	0.000000	No
			Al	-0.000800	0.000000	No
B 208.959 {462}	☒	1	Mo	0.037990	0.000000	No
Mo 202.030 {467}	☒	5	Co	0.000000	0.000000	No
			Al	0.000016	0.000000	No
			Fe	-0.000010	0.000000	No
			Mg	-0.000026	0.000000	No
			Ca	0.000003	0.000000	No
Pd 340.458 { 99}	☒	7	Ti	-0.000339	0.000000	No
			V	0.000132	0.000000	No
			Sn	-0.000006	0.000000	No
			Fe	-0.000929	0.000000	No
			Mo	-0.001720	0.000000	No
			Zr	0.009955	0.000000	No
			Co	-0.003300	0.000000	No
Si 212.412 {459}	☒	11	Sr	0.000366	0.000000	No
			Ni	0.000106	0.000000	No
			Mo	0.014750	0.000000	No
			V	-0.000260	0.000000	No
			Ti	0.002730	0.000000	No
			Al	-0.000027	0.000000	No
			Cd	0.001043	0.000000	No
			Ba	0.000170	0.000000	No
			Fe	0.000044	0.000000	No
			Sn	0.005721	0.000000	No
			Zn	0.000385	0.000000	No
Sn 189.989 {478}	☒	5	Ti	-0.000590	0.000000	No
			Mo	0.000071	0.000000	No
			Fe	0.000043	0.000000	No
			Mn	0.000501	0.000000	No
			Si	0.000131	0.000000	No
Sr 407.771 { 83}	☒	2	Fe	0.000000	0.000000	No
			Ca	0.000020	0.000000	No
Ti 334.904 {101}	☒	3	Cr	0.000189	0.000000	No
			Mo	0.001417	0.000000	No
			Si	0.000965	0.000000	No
Y 360.073 { 94}*	☒	None				
Y 371.030 { 91}*	☒	None				
Y 224.306 {451}*	☒	None				
In 230.606 {446}*	☒	None				
W 207.911 {462}	☒	25	Al	-0.000018	0.000000	No
			Si	-0.000900	0.000000	No
			Ca	-0.000026	0.000000	No
			Fe	-0.000077	0.000000	No
			As	-0.005400	0.000000	No
			Mg	-0.000006	0.000000	No
			Mn	-0.000900	0.000000	No
			Mo	-0.000900	0.000000	No
			Ti	-0.002000	0.000000	No
			Sr	-0.000850	0.000000	No
			V	-0.001300	0.000000	No
			Cd	-0.000650	0.000000	No
			Cr	-0.000880	0.000000	No
			Zn	0.006121	0.000000	No
			Pd	-0.011600	0.000000	No
			Sn	-0.000500	0.000000	No
			Zr	0.005930	0.000000	No
			B	-0.001000	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Sb	-0.001000	0.000000	No
				Co	-0.001000	0.000000	No
				Ni	-0.001000	0.000000	No
				Be	-0.001000	0.000000	No
				Se	-0.001100	0.000000	No
				Cu	-0.001300	0.000000	No
				Ba	-0.001000	0.000000	No
	Zr 339.198 { 99}	☒	3	Mo	0.000700	0.000000	No
				Ti	0.002900	0.000000	No
				Fe	-0.000060	0.000000	No

Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 12/2/2010 17:20:06 Type: Cal
Method: Accutest1(v170) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0006	.0001	.0011	-.0005	.0000	.0042	.0000	.0032	.0000
Stddev	.0000	.0000	.0000	.0000	.0000	.0001	.0000	.0000	.000
%RSD	5.394	5.146	.3632	6.627	14.45	1.276	11.50	.6277	29.79
#1	.0005	.0001	.0011	-.0005	.0000	.0041	.0000	.0033	.0000
#2	.0006	.0001	.0011	-.0006	.0000	.0042	.0000	.0032	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	-.0003	-.0005	-.0006	-.0006	.0012	-.0005	.0000	.0065
Stddev	.0000	.0000	.0001	.0000	.0000	.0000	.0000	.0001	.0000
%RSD	93.36	9.221	20.45	1.320	2.699	3.866	2.432	534.7	.3829
#1	.0000	-.0003	-.0004	-.0006	-.0006	.0011	-.0005	.0001	.0065
#2	.0000	-.0003	-.0006	-.0006	-.0007	.0012	-.0005	.0000	.0065

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0000	.0003	.0013	.0001	.0003	.0000	.0064	-.0002
Stddev	.0000	.000	.0000	.0000	.0000	.0001	.0000	.0002	.0001
%RSD	55.21	37.10	5.286	2.245	7.154	20.73	68360.	3.701	56.33
#1	.0000	.0000	.0003	.0013	.0002	.0004	.0000	.0062	-.0003
#2	.0000	.0000	.0003	.0013	.0001	.0003	.0000	.0066	-.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0032	-.0002	.0052	.0000
Stddev	.0000	.0000	.0000	.000
%RSD	.0562	3.080	.8121	173.5
#1	-.0032	-.0002	.0052	-.0001
#2	-.0032	-.0001	.0052	.0000

◀ Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 12/2/2010 17:20:06 Type: Cal
Method: Accutest1(v170) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84325.	39057.	1824.1	5719.9
Stddev	546.	1283.	14.2	42.1
%RSD	.64743	3.2844	.77965	.73519
#1	84711.	38150.	1834.1	5749.7
#2	83939.	39964.	1814.0	5690.2

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 12/2/2010 17:26:09 Type: Cal
Method: Accutest1(v170) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.018	2.419	1.407	1.243	.0796	.3000	.4479	.3325	.0166
Stddev	.007	.011	.003	.002	.0002	.0007	.0002	.0011	.0000
%RSD	.3686	.4322	.1770	.1909	.2118	.2195	.0381	.3208	.1165
#1	2.013	2.411	1.405	1.242	.0797	.2995	.4480	.3318	.0166
#2	2.024	2.426	1.409	1.245	.0795	.3004	.4478	.3333	.0166

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1349	.8577	.2167	.0556	.1222	.1596	.3116	.5044	.9355
Stddev	.0001	.0022	.0002	.0000	.0005	.0003	.0002	.0036	.0054
%RSD	.0584	.2539	.0785	.0328	.4187	.1609	.0540	.7151	.5813
#1	.1348	.8561	.2166	.0556	.1218	.1594	.3117	.5019	.9316
#2	.1349	.8592	.2169	.0556	.1226	.1598	.3115	.5070	.9393

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7800	.0922	.4002	1.381	.2211	1.318	.0632	.9521	.2378
Stddev	.0042	.0003	.0016	.005	.0015	.003	.0001	.0026	.0002
%RSD	.5434	.3598	.4021	.3858	.6632	.2092	.0897	.2713	.0780
#1	.7770	.0920	.3990	1.377	.2201	1.316	.0632	.9503	.2376
#2	.7830	.0924	.4013	1.385	.2222	1.320	.0631	.9539	.2379

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.497	.1559	.5162	.3683
Stddev	.015	.0002	.0038	.0002
%RSD	.4285	.1416	.7307	.0466
#1	3.486	.1557	.5135	.3681
#2	3.508	.1560	.5188	.3684

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 12/2/2010 17:26:09 Type: Cal
Method: Accutest1(v170) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84448.	38437.	1806.0	5589.7
Stddev	257.	1.	.3	7.3
%RSD	.30411	.00289	.01712	.13011
#1	84266.	38436.	1805.7	5594.9
#2	84629.	38438.	1806.2	5584.6

Zoom In Zoom Out

Sample Name: STDC Acquired: 12/2/2010 17:31:56 Type: Cal
Method: Accutest1(v170) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.942	9.411	5.672	4.903	.3128	1.272	1.752	1.335	.0699
Stddev	.132	.094	.086	.074	.0016	.005	.009	.020	.0001
%RSD	1.667	1.001	1.518	1.502	.5133	.3783	.5419	1.459	.0720
#1	7.848	9.345	5.611	4.851	.3117	1.268	1.745	1.321	.0698
#2	8.035	9.478	5.733	4.955	.3140	1.275	1.759	1.348	.0699

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5381	3.308	.8837	.2263	.5014	.6447	1.267	2.116	3.728
Stddev	.0026	.049	.0140	.0028	.0079	.0096	.018	.022	.017
%RSD	.4786	1.471	1.581	1.259	1.584	1.491	1.383	1.032	.4638
#1	.5363	3.274	.8738	.2243	.4958	.6379	1.255	2.100	3.716
#2	.5399	3.342	.8936	.2283	.5070	.6515	1.280	2.131	3.740

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.055	.3804	1.633	5.663	.9105	5.221	.2668	3.891	.9433
Stddev	.022	.0029	.017	.016	.0154	.078	.0008	.057	.0131
%RSD	.7220	.7637	1.068	.2746	1.688	1.496	.3183	1.456	1.386
#1	3.039	.3783	1.621	5.674	.8997	5.166	.2662	3.851	.9340
#2	3.071	.3824	1.645	5.652	.9214	5.277	.2674	3.931	.9525

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.57	.6304	1.936	1.474
Stddev	.20	.0029	.041	.005
%RSD	1.486	.4548	2.103	.3606
#1	13.43	.6284	1.907	1.470
#2	13.71	.6324	1.965	1.478

Zoom In Zoom Out

Sample Name: STDC Acquired: 12/2/2010 17:31:56 Type: Cal
Method: Accutest1(v170) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80978.	37723.	1716.6	5137.3
Stddev	275.	230.	22.0	66.4
%RSD	.34000	.61088	1.2833	1.2920
#1	81173.	37886.	1732.2	5184.2
#2	80783.	37560.	1701.0	5090.3

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 17:38:09 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.040	2.043	2.008	2.022	2.051	2.005	2.067	2.008	.2493
Stddev	.008	.015	.033	.032	.067	.062	.068	.030	.0074
%RSD	.3902	.7430	1.630	1.604	3.255	3.107	3.283	1.519	2.954
#1	2.034	2.032	1.984	1.999	2.003	1.961	2.019	1.986	.2441
#2	2.045	2.054	2.031	2.045	2.098	2.049	2.115	2.029	.2545
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.027	2.042	2.009	2.021	2.007	2.006	1.995	39.06	39.29
Stddev	.064	.036	.032	.033	.030	.033	.032	.22	.44
%RSD	3.177	1.749	1.596	1.644	1.481	1.644	1.580	.5642	1.112
#1	1.981	2.017	1.986	1.997	1.986	1.983	1.973	38.91	38.98
#2	2.073	2.068	2.031	2.044	2.028	2.029	2.018	39.22	39.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.84	38.93	39.51	39.66	2.025	2.023	1.992	5.003	2.027
Stddev	.36	.34	.06	.06	.035	.036	.059	.081	.036
%RSD	.8986	.8761	.1635	.1606	1.703	1.771	2.939	1.619	1.761
#1	39.58	38.69	39.56	39.70	2.001	1.998	1.951	4.946	2.001
#2	40.09	39.17	39.46	39.61	2.050	2.049	2.034	5.060	2.052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 17:38:09 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.010	2.034	F 2.203	F 2.209
Stddev	.024	.065	.039	.069
%RSD	1.185	3.212	1.746	3.137
#1	1.993	1.987	2.176	2.160
#2	2.027	2.080	2.230	2.258
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82029.	38234.	1772.8	5403.1
Stddev	2267.	86.	24.6	71.6
%RSD	2.7634	.22551	1.3889	1.3257
#1	83632.	38295.	1790.2	5453.7
#2	80426.	38173.	1755.4	5352.4

Sample Name: CCB Acquired: 12/2/2010 17:44:03 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0001	.0001	.0001	.0000	.0000	-.0003	.0000
Stddev	.000	.000	.0001	.0000	.0001	.000	.000	.0001	.0001
%RSD	7.315	175.2	143.4	25.93	42.08	97.63	244.8	20.41	186.4
#1	.0000	.0000	.0002	.0001	.0001	.0000	.0000	-.0003	.0000
#2	.0000	.0000	.0000	.0001	.0002	.0000	-.0001	-.0004	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.0001	.0007	F .0022	.0004	.0008	.0006	.0004	-.0013
Stddev	.0003	.0000	.0000	.0006	.0003	.0001	.0002	.0011	.0003
%RSD	60.55	34.28	6.427	25.83	75.54	6.405	33.59	264.3	23.12
#1	.0002	-.0001	.0006	.0026	.0002	.0009	.0007	.0012	-.0015
#2	.0006	-.0002	.0007	.0018	.0007	.0008	.0004	-.0004	-.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	-.0041	.0102	.0020	.0013	F .0023	.0006	.0006	-.0002
Stddev	.0005	.0029	.0055	.0012	.0003	.0003	.0002	.0001	.0000
%RSD	22.64	70.45	53.56	59.51	24.65	11.15	44.13	10.02	12.27
#1	.0020	-.0020	.0063	.0011	.0015	.0025	.0004	.0007	-.0002
#2	.0027	-.0061	.0141	.0028	.0010	.0021	.0007	.0006	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0021			
Low Limit						-.0021			

Sample Name: CCB Acquired: 12/2/2010 17:44:03 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0008	.0310	.0011
Stddev	.000	.0001	.0011	.0000
%RSD	115.9	9.104	3.494	.8736
#1	.0000	.0008	.0318	.0011
#2	.0000	.0007	.0303	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85056.	38882.	1828.6	5765.9
Stddev	112.	39.	4.5	6.4
%RSD	.13113	.10012	.24660	.11072
#1	84977.	38855.	1831.8	5770.4
#2	85135.	38910.	1825.4	5761.4

Sample Name: CRIB Acquired: 12/2/2010 17:50:06 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1997	.0020	.0027	.0498	.0099	.0092	.0157	.0101	.0051
Stddev	.0010	.0000	.0000	.0002	.0001	.0000	.0001	.0000	.0004
%RSD	.4919	.1248	.8000	.3558	.8591	.3778	.3606	.1470	7.222
#1	.1990	.0020	.0027	.0500	.0099	.0092	.0158	.0101	.0054
#2	.2004	.0020	.0028	.0497	.0100	.0092	.0157	.0101	.0049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490	.0217	.0081	F .0132	.0030	.0096	.0059	.1872	4.998
Stddev	.0001	.0001	.0003	.0002	.0001	.0016	.0002	.0008	.049
%RSD	.1923	.4862	3.746	1.471	3.560	16.55	2.565	.4071	.9853
#1	.0491	.0218	.0083	.0133	.0030	.0085	.0058	.1866	4.964
#2	.0489	.0217	.0079	.0130	.0029	.0108	.0061	.1877	5.033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				.0100					
Range				30.00%					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1232	4.825	9.760	9.766	.0989	.0212	.0474	.1938	.0094
Stddev	.0001	.021	.002	.010	.0000	.0001	.0003	.0000	.0003
%RSD	.1065	.4416	.0192	.1064	.0435	.6994	.6159	.0047	3.312
#1	.1233	4.810	9.761	9.758	.0989	.0214	.0476	.1938	.0096
#2	.1231	4.840	9.758	9.773	.0989	.0211	.0471	.1938	.0092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Sample Name: CRIB Acquired: 12/2/2010 17:50:06 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0109	.0100	F .0750	F .0053
Stddev	.0000	.0003	.0002	.0003
%RSD	.1501	2.584	.2661	6.360
#1	.0109	.0101	.0749	.0055
#2	.0109	.0098	.0752	.0051
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			.0500	.2000
Range			30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84751.	38651.	1828.8	5723.9
Stddev	82.	25.	3.0	7.8
%RSD	.09671	.06453	.16331	.13574
#1	84809.	38634.	1830.9	5729.4
#2	84693.	38669.	1826.7	5718.4

Zoom In Zoom Out

Sample Name: CRID Acquired: 12/2/2010 17:56:04 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041	.0010	.0011	.0026	.0022	.0018	.0033	.0041	.0010
Stddev	.0001	.0000	.0000	.0000	.0001	.0000	.0000	.0003	.0002
%RSD	1.465	.0511	3.969	.7262	6.555	2.051	.8945	6.300	20.20
#1	.0041	.0010	.0011	.0026	.0021	.0018	.0033	.0043	.0012
#2	.0041	.0010	.0011	.0026	.0023	.0018	.0033	.0039	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0110	.0032	.0024	.0021	.0058	.0036	.0945	1.016
Stddev	.0003	.0000	.0002	.0005	.0007	.0001	.0004	.0011	.011
%RSD	11.30	.0043	6.270	21.56	34.77	.9974	10.55	1.211	1.074
#1	.0025	.0110	.0033	.0028	.0016	.0059	.0033	.0953	1.008
#2	.0021	.0110	.0030	.0021	.0026	.0058	.0038	.0937	1.024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054	.0996	2.039	1.006	.0101	.0007	.0006	-.0021	-.0006
Stddev	.0005	.0004	.004	.002	.0005	.0000	.0002	.0001	.0004
%RSD	9.175	.4003	.2179	.1997	4.989	7.266	34.29	5.586	67.95
#1	.0058	.0993	2.042	1.008	.0105	.0006	.0005	-.0022	-.0003
#2	.0051	.0998	2.036	1.005	.0098	.0007	.0008	-.0020	-.0008
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: CRID Acquired: 12/2/2010 17:56:04 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	-.0002	F .0166	F .0002
Stddev	.000	.0001	.0007	.0000
%RSD	55.76	29.70	4.278	15.24
#1	.0000	-.0002	.0171	.0001
#2	.0000	-.0002	.0161	.0002
Check ?	None	None	Chk Fail	Chk Fail
Value			.0040	.0040
Range			30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84546.	38715.	1835.8	5759.5
Stddev	74.	1.	7.5	9.4
%RSD	.08800	.00186	.40886	.16236
#1	84493.	38715.	1830.5	5752.9
#2	84598.	38716.	1841.1	5766.1

Zoom In Zoom Out

Sample Name: icv Acquired: 12/2/2010 18:02:05 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019	.9957	.9810	1.001	.9990	.9779	1.009	.9891	.4833
Stddev	.008	.0085	.0015	.003	.0041	.0084	.004	.0024	.0011
%RSD	.7866	.8531	.1536	.3120	.4146	.8573	.3589	.2464	.2218
#1	1.024	1.002	.9799	.9985	.9961	.9719	1.006	.9874	.4825
#2	1.013	.9897	.9820	1.003	1.002	.9838	1.011	.9908	.4840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9603	1.024	.9868	.9801	.9769	.9778	.9812	F 4.741	4.786
Stddev	.0035	.002	.0005	.0019	.0022	.0036	.0000	.029	.050
%RSD	.3599	.1426	.0496	.1949	.2209	.3709	.0035	.6178	1.047
#1	.9578	1.023	.9872	.9787	.9754	.9752	.9812	4.762	4.822
#2	.9627	1.025	.9865	.9814	.9784	.9804	.9811	4.720	4.751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value								5.000	
Range								-5.000%	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.023	4.867	9.780	9.700	.9895	.9913	.9570	F 1.092	1.004
Stddev	.045	.042	.067	.048	.0036	.0029	.0062	.003	.001
%RSD	.8911	.8654	.6821	.4902	.3655	.2912	.6529	.3124	.0849
#1	5.054	4.896	9.828	9.734	.9870	.9893	.9525	1.089	1.004
#2	4.991	4.837	9.733	9.666	.9921	.9934	.9614	1.094	1.005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value								1.000	
Range								5.000%	

Zoom In Zoom Out

Sample Name: icv Acquired: 12/2/2010 18:02:05 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.009	.9720	1.027	.9696
Stddev	.008	.0055	.005	.0064
%RSD	.8300	.5642	.5346	.6641
#1	1.015	.9681	1.023	.9651
#2	1.003	.9759	1.031	.9742
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85510.	39388.	1820.8	5677.0
Stddev	430.	458.	5.0	17.2
%RSD	.50274	1.1629	.27415	.30244
#1	85814.	39064.	1824.3	5689.2
#2	85206.	39712.	1817.3	5664.9

Zoom In Zoom Out

Sample Name: icb Acquired: 12/2/2010 18:07:53 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	-.0001	.0000	.0001	.0000	-.0002	.0000
Stddev	.0000	.0000	.000	.0001	.000	.0002	.0000	.0001	.0001
%RSD	113.2	94.30	793.8	150.8	779.4	170.3	264.8	49.68	5074.
#1	.0000	.0000	.0000	.0000	.0001	.0000	.0000	-.0001	-.0001
#2	.0001	.0000	.0000	-.0001	-.0001	.0002	.0000	-.0002	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0000	-.0003	.0007	-.0003	.0007	.0007	-.0017	-.0005
Stddev	.0001	.000	.0001	.0010	.0005	.0001	.0000	.0009	.0003
%RSD	41.27	1763.	57.57	143.1	137.0	20.04	2.323	53.45	72.58
#1	.0004	-.0001	-.0002	.0014	.0000	.0007	.0007	-.0023	-.0007
#2	.0002	.0000	-.0004	.0000	-.0006	.0006	.0006	-.0010	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0071	.0028	-.0057	.0005	.0011	.0004	.0003	-.0003
Stddev	.0000	.0023	.0053	.0004	.0003	.0002	.0000	.0003	.0005
%RSD	6.081	32.71	190.0	7.049	45.61	18.51	3.305	88.24	162.2
#1	.0008	.0088	-.0010	-.0060	.0004	.0013	.0004	.0001	.0000
#2	.0008	.0055	.0065	-.0055	.0007	.0010	.0003	.0005	-.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: icb Acquired: 12/2/2010 18:07:53 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0006	.0130	.0004
Stddev	.000	.0002	.0008	.0000
%RSD	284.8	30.46	6.289	.4351
#1	.0000	.0008	.0136	.0004
#2	.0000	.0005	.0124	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83905.	38763.	1832.2	5751.6
Stddev	335.	243.	2.5	8.3
%RSD	.39982	.62622	.13819	.14495
#1	84142.	38591.	1834.0	5757.5
#2	83667.	38934.	1830.5	5745.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 12/2/2010 18:13:58 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.051	2.062	2.023	2.038	2.040	1.967	2.050	2.012	.2469
Stddev	.001	.005	.005	.005	.021	.026	.021	.001	.0023
%RSD	.0406	.2547	.2298	.2475	1.010	1.318	1.050	.0438	.9410
#1	2.052	2.066	2.026	2.041	2.025	1.949	2.034	2.013	.2452
#2	2.051	2.058	2.019	2.034	2.054	1.985	2.065	2.011	.2485
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.007	2.053	2.019	2.032	2.007	2.015	2.010	39.15	39.77
Stddev	.021	.007	.002	.002	.003	.006	.005	.01	.20
%RSD	1.057	.3479	.0726	.0891	.1713	.3184	.2606	.0382	.4938
#1	1.992	2.058	2.020	2.033	2.005	2.019	2.014	39.16	39.91
#2	2.022	2.048	2.018	2.031	2.010	2.010	2.007	39.14	39.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.26	39.41	39.90	39.61	2.009	2.037	1.967	5.018	2.041
Stddev	.12	.13	.05	.01	.006	.004	.024	.010	.004
%RSD	.2947	.3337	.1325	.0300	.3013	.1873	1.238	.2006	.1694
#1	40.34	39.50	39.94	39.60	2.014	2.039	1.950	5.025	2.043
#2	40.17	39.32	39.86	39.62	2.005	2.034	1.984	5.011	2.038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 12/2/2010 18:13:58 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.037	2.012	2.179	2.183
Stddev	.026	.023	.000	.027
%RSD	1.294	1.161	.0084	1.217
#1	2.056	1.996	2.178	2.164
#2	2.019	2.029	2.179	2.202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83031.	38017.	1768.7	5409.1
Stddev	772.	237.	4.2	4.8
%RSD	.92918	.62353	.23924	.08811
#1	83576.	37849.	1765.7	5405.7
#2	82485.	38185.	1771.7	5412.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 12/2/2010 18:19:52 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0002	-.0001	.0000	.0000	.0000	-.0003	.0000
Stddev	.000	.0000	.0000	.0001	.0001	.000	.000	.0000	.0000
%RSD	14200.	38.15	10.51	119.2	887.2	442.5	694.9	6.157	133.3
#1	.0000	.0000	.0002	.0000	.0000	-.0002	-.0001	-.0003	.0000
#2	.0000	.0000	.0002	-.0001	.0001	.0001	.0000	-.0004	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0000	.0002	F .0020	.0000	.0015	.0005	.0000	-.0015
Stddev	.0002	.000	.0008	.0000	.0009	.0002	.0003	.0001	.0020
%RSD	51.29	86.05	337.0	1.725	2507.	11.54	49.94	1465.	130.2
#1	.0002	.0000	.0008	.0020	-.0006	.0016	.0007	.0001	-.0029
#2	.0005	.0000	-.0003	.0020	.0007	.0014	.0003	.0000	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	.0006	.0048	-.0032	.0010	.0019	.0005	.0004	-.0003
Stddev	.0001	.0050	.0045	.0006	.0002	.0003	.0004	.0002	.0002
%RSD	5.309	796.9	92.04	18.24	19.09	14.62	72.54	49.67	82.45
#1	.0025	.0042	.0080	-.0028	.0011	.0021	.0007	.0006	-.0001
#2	.0023	-.0029	.0017	-.0036	.0009	.0017	.0002	.0003	-.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 12/2/2010 18:19:52 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0004	.0178	.0007
Stddev	.000	.0000	.0006	.0000
%RSD	28.34	9.571	3.631	3.181
#1	.0000	.0004	.0183	.0007
#2	.0000	.0005	.0174	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84885.	39097.	1829.0	5746.3
Stddev	13.	931.	.8	3.0
%RSD	.01553	2.3803	.04506	.05264
#1	84894.	39755.	1829.6	5748.4
#2	84875.	38439.	1828.4	5744.1

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 18:25:56 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0040	.0000	-.0005	.0018	.0006	.0004	-.0003	.0008	.0024
Stddev	.0000	.000	.0000	.0002	.0001	.0002	.0000	.0004	.0000
%RSD	.4718	143.3	7.582	9.398	12.26	43.26	17.10	46.50	.3495
#1	-.0040	.0000	-.0006	.0019	.0005	.0003	-.0002	.0011	.0024
#2	-.0040	.0000	-.0005	.0017	.0006	.0005	-.0003	.0006	.0024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	-.0006	.0027	.0020	-.0017	-.0042	-.0012	490.1	379.2
Stddev	.0001	.0003	.0014	.0016	.0023	.0012	.0035	1.8	.7
%RSD	13.39	50.50	52.74	79.84	133.2	28.16	289.4	.3663	.1771
#1	.0012	-.0004	.0038	.0009	-.0001	-.0050	-.0036	488.9	379.7
#2	.0010	-.0008	.0017	.0031	-.0034	-.0034	.0013	491.4	378.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	181.4	508.2	-.0258	.3994	-.0024	.0022	-.0449	-.0134	-.0076
Stddev	.4	1.0	.0090	.0030	.0005	.0001	.0016	.0004	.0000
%RSD	.2299	.1910	35.01	.7431	22.33	4.941	3.553	3.102	.0289
#1	181.1	507.5	-.0321	.3973	-.0028	.0021	-.0438	-.0137	-.0076
#2	181.7	508.9	-.0194	.4015	-.0020	.0022	-.0460	-.0131	-.0076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/2/2010 18:25:56 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0004	.0033	.0489	.0058
Stddev	.0000	.0004	.0016	.0001
%RSD	9.106	12.82	3.363	.9851
#1	.0004	.0030	.0477	.0057
#2	.0005	.0036	.0500	.0058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	77082.	36071.	1617.1	4670.0
Stddev	43.	72.	1.9	2.0
%RSD	.05530	.19977	.11608	.04250
#1	77112.	36020.	1618.5	4668.6
#2	77052.	36122.	1615.8	4671.4

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 18:32:10 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5095	.4929	1.056	.4717	.4883	.5125	.4851	.9761	1.071
Stddev	.0033	.0031	.003	.0010	.0005	.0022	.0005	.0012	.001
%RSD	.6404	.6321	.2379	.2033	.0971	.4270	.1045	.1186	.0488
#1	.5072	.4907	1.054	.4711	.4887	.5110	.4848	.9753	1.070
#2	.5118	.4951	1.057	.4724	.4880	.5141	.4855	.9769	1.071
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4795	.8992	1.007	.9459	.9881	.9634	1.027	498.9	380.5
Stddev	.0004	.0025	.006	.0054	.0023	.0011	.003	1.1	6.6
%RSD	.0755	.2819	.5656	.5664	.2322	.1120	.2987	.2117	1.740
#1	.4797	.8975	1.003	.9421	.9865	.9642	1.024	499.6	375.8
#2	.4792	.9010	1.011	.9497	.9897	.9626	1.029	498.1	385.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	181.0	511.0	-.0323	.3981	-.0199	.4874	.4975	-.0152	-.0055
Stddev	1.3	2.2	.0071	.0003	.0009	.0021	.0029	.0016	.0005
%RSD	.6938	.4218	21.83	.0644	4.532	.4284	.5872	10.47	9.051
#1	180.1	509.5	-.0273	.3979	-.0205	.4859	.4955	-.0141	-.0051
#2	181.8	512.5	-.0373	.3983	-.0192	.4889	.4996	-.0163	-.0058
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/2/2010 18:32:10 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0005	.0026	.5429	.4176
Stddev	.0001	.0002	.0019	.0065
%RSD	23.17	6.442	.3512	1.545
#1	.0006	.0025	.5416	.4130
#2	.0004	.0027	.5443	.4222
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76754.	36061.	1610.1	4644.9
Stddev	444.	75.	5.0	12.0
%RSD	.57845	.20753	.31124	.25781
#1	77068.	36114.	1613.6	4653.4
#2	76440.	36008.	1606.5	4636.5

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 18:38:18 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.059	2.064	2.013	2.032	2.030	1.981	2.041	2.006	.2475
Stddev	.011	.013	.009	.009	.005	.004	.005	.004	.0005
%RSD	.5137	.6143	.4247	.4472	.2591	.1750	.2388	.2128	.2133
#1	2.052	2.055	2.007	2.025	2.033	1.978	2.045	2.003	.2479
#2	2.067	2.073	2.019	2.038	2.026	1.983	2.038	2.009	.2472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.002	2.043	2.014	2.026	2.002	2.005	2.008	39.51	39.66
Stddev	.002	.005	.012	.005	.004	.019	.015	.19	.27
%RSD	.0930	.2295	.5848	.2548	.1971	.9443	.7246	.4767	.6843
#1	2.003	2.040	2.006	2.022	1.999	1.992	1.997	39.37	39.47
#2	2.000	2.046	2.023	2.030	2.005	2.019	2.018	39.64	39.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.28	39.25	40.00	40.15	1.999	2.031	1.973	5.003	2.034
Stddev	.22	.25	.21	.19	.022	.013	.004	.030	.009
%RSD	.5555	.6464	.5174	.4688	1.111	.6139	.2237	.6010	.4395
#1	40.12	39.07	39.85	40.02	1.983	2.023	1.970	4.982	2.028
#2	40.44	39.42	40.14	40.28	2.014	2.040	1.976	5.025	2.041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 18:38:18 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.025	2.009	2.171	F 2.201
Stddev	.018	.000	.015	.003
%RSD	.8668	.0054	.6941	.1451
#1	2.013	2.009	2.161	2.204
#2	2.038	2.009	2.182	2.199
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				2.000
Range				10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82849.	38054.	1770.9	5415.7
Stddev	103.	28.	12.1	26.5
%RSD	.12464	.07245	.68231	.48849
#1	82922.	38073.	1779.4	5434.4
#2	82776.	38034.	1762.3	5397.0

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 18:44:13 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	-.0001	.0001	-.0001	.0000	-.0003	.0000
Stddev	.000	.0000	.000	.0002	.0001	.0001	.0000	.0002	.0001
%RSD	252.8	2.120	351.6	297.9	202.4	41.76	14.84	58.70	404.7
#1	.0000	.0000	.0000	-.0002	.0001	-.0001	.0000	-.0004	.0000
#2	.0000	.0000	-.0001	.0001	.0000	-.0002	.0000	-.0002	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0001	.0001	.0015	.0004	.0009	.0005	-.0007	.0000
Stddev	.0001	.0001	.0008	.0000	.0002	.0001	.0002	.0001	.0002
%RSD	32.98	98.58	794.4	1.688	53.44	10.72	32.17	14.49	771.2
#1	.0003	.0000	-.0005	.0016	.0003	.0009	.0007	-.0007	-.0001
#2	.0002	-.0002	.0006	.0015	.0006	.0010	.0004	-.0006	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028	.0059	.0012	-.0044	.0006	.0018	-.0001	.0003	-.0007
Stddev	.0006	.0005	.0040	.0010	.0001	.0003	.0002	.0005	.0004
%RSD	22.57	8.227	327.8	23.05	12.99	19.20	142.3	172.0	56.34
#1	.0023	.0062	.0040	-.0051	.0007	.0020	-.0003	-.0001	-.0004
#2	.0032	.0055	-.0016	-.0037	.0006	.0016	.0000	.0007	-.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 18:44:13 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0005	.0161	.0007
Stddev	.000	.0003	.0008	.0001
%RSD	30.95	64.03	4.797	9.418
#1	.0000	.0008	.0166	.0008
#2	.0000	.0003	.0155	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85117.	38538.	1819.5	5736.9
Stddev	70.	44.	1.3	9.2
%RSD	.08235	.11351	.07137	.16005
#1	85166.	38507.	1818.6	5743.4
#2	85067.	38569.	1820.4	5730.4

Zoom In Zoom Out

Sample Name: MP55853-MB2 2 Acquired: 12/2/2010 18:50:17 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0098	.0000	.0003	.0002	.0009	.0010	.0023	.0044	.0004
Stddev	.0001	.0000	.0000	.0000	.0002	.0003	.0001	.0001	.0001
%RSD	1.480	1620.	7.311	5.917	25.02	29.46	2.474	1.351	30.49
#1	.0097	.0000	.0003	.0002	.0007	.0008	.0023	.0043	.0003
#2	.0099	.0000	.0003	.0002	.0010	.0012	.0023	.0044	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	-.0018	.0026	-.0087	-.0008	.0129	.0001	.0079	.1916
Stddev	.0000	.0005	.0010	.0011	.0006	.0003	.0002	.0049	.0038
%RSD	9.001	29.75	36.53	12.81	74.55	2.336	179.2	62.09	1.996
#1	.0004	-.0014	.0019	-.0095	-.0004	.0127	.0000	.0045	.1889
#2	.0004	-.0022	.0033	-.0079	-.0012	.0131	.0002	.0114	.1943

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0259	.0550	5.978	1139.	.0682	.0006	-.0006	.3458	.0046
Stddev	.0007	.0039	.006	3.	.0010	.0000	.0000	.0005	.0003
%RSD	2.663	7.096	.1025	.2932	1.431	4.727	6.489	.1364	7.034
#1	.0264	.0578	5.974	1142.	.0689	.0005	-.0006	.3462	.0048
#2	.0254	.0523	5.982	1137.	.0675	.0006	-.0007	.3455	.0043

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0423	.0000	.0159	.0013
Stddev	.0006	.0006	.0006	.0001
%RSD	1.305	5771.	3.646	8.925
#1	.0419	.0004	.0163	.0012
#2	.0427	-.0004	.0155	.0013

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77418.	35937.	1593.8	4722.2
Stddev	201.	232.	2.0	1.4
%RSD	.26017	.64653	.12534	.02918
#1	77276.	36101.	1595.2	4723.2
#2	77561.	35773.	1592.4	4721.2

Zoom In Zoom Out

Sample Name: MP55853-LC1 Acquired: 12/2/2010 18:56:23 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5319	.5251	.5013	.5188	.5205	.4811	.5215	.5010	.1924
Stddev	.0023	.0020	.0006	.0004	.0037	.0021	.0013	.0010	.0007
%RSD	.4407	.3719	.1114	.0828	.7161	.4407	.2585	.1986	.3526
#1	.5302	.5237	.5017	.5191	.5179	.4826	.5205	.5003	.1920
#2	.5335	.5265	.5009	.5185	.5231	.4796	.5224	.5017	.1929

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5042	.5196	.5019	.4690	.4852	.4867	.5023	4.878	5.452
Stddev	.0018	.0020	.0020	.0009	.0010	.0022	.0007	.025	.020
%RSD	.3553	.3889	.3913	.1981	.2130	.4484	.1420	.5026	.3581
#1	.5029	.5182	.5033	.4696	.4845	.4882	.5028	4.861	5.439
#2	.5055	.5210	.5005	.4683	.4859	.4851	.5018	4.895	5.466

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.740	5.308	10.28	10.28	-.0143	.5229	.0016	.0711	-.0010
Stddev	.038	.018	.03	.04	.0001	.0006	.0002	.0002	.0000
%RSD	.6616	.3411	.3234	.4095	.8139	.1073	13.46	.2276	2.732
#1	5.713	5.295	10.25	10.25	-.0144	.5233	.0015	.0712	-.0010
#2	5.767	5.321	10.30	10.31	-.0143	.5225	.0018	.0710	-.0010

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0004	.5100	.0344	.0113
Stddev	.0000	.0010	.0004	.0019
%RSD	3.177	.2005	1.173	17.11
#1	.0004	.5093	.0341	.0126
#2	.0004	.5107	.0347	.0099

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83038.	38020.	1782.0	5648.0
Stddev	475.	124.	9.9	16.6
%RSD	.57209	.32645	.55508	.29462
#1	82702.	37933.	1775.0	5636.3
#2	83374.	38108.	1789.0	5659.8

Zoom In Zoom Out

Sample Name: MP55853-B1 Acquired: 12/2/2010 19:02:10 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.44	.0521	.0513	.5149	.2108	.2400	.5273	.5017	.0519
Stddev	.03	.0001	.0003	.0002	.0003	.0001	.0017	.0014	.0001
%RSD	.3065	.1288	.5481	.0418	.1420	.0355	.3149	.2834	.1920
#1	10.41	.0521	.0515	.5147	.2110	.2400	.5285	.5007	.0520
#2	10.46	.0521	.0511	.5151	.2105	.2401	.5261	.5027	.0518

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5030	.5253	2.011	1.911	1.997	1.956	.5117	2.028	-.0104
Stddev	.0017	.0004	.001	.002	.003	.002	.0008	.002	.0021
%RSD	.3286	.0757	.0713	.1223	.1367	.1140	.1605	.0848	19.75
#1	.5042	.5250	2.010	1.910	1.995	1.954	.5111	2.027	-.0119
#2	.5019	.5256	2.012	1.913	1.999	1.957	.5123	2.030	-.0090

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.084	.0457	-.0487	.1063	.0005	.0005	.0006	.6002	-.0005
Stddev	.005	.0010	.0032	.0035	.0002	.0000	.0000	.0006	.0003
%RSD	.4754	2.117	6.555	3.260	32.29	2.941	.2943	.1070	66.98
#1	1.080	.0450	-.0465	.1087	.0004	.0005	.0006	.5997	-.0003
#2	1.087	.0464	-.0510	.1038	.0006	.0005	.0006	.6006	-.0007

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0061	-.0003	.0400	.0003
Stddev	.0000	.0001	.0001	.0001
%RSD	.3911	36.15	.2061	19.34
#1	.0062	-.0004	.0400	.0002
#2	.0061	-.0002	.0399	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83572.	38486.	1800.5	5723.1
Stddev	78.	100.	1.0	8.1
%RSD	.09329	.25924	.05426	.14193
#1	83517.	38415.	1801.2	5728.9
#2	83627.	38556.	1799.9	5717.4

Zoom In Zoom Out

Sample Name: MP55853-S1 Acquired: 12/2/2010 19:08:06 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.23	.0507	.0639	.4889	.1984	.2469	.6416	.6524	.0561
Stddev	.06	.0000	.0120	.0002	.0002	.0012	.0009	.0006	.0047
%RSD	.5622	.0731	18.79	.0460	.1180	.4898	.1440	.0911	8.329
#1	10.19	.0507	.0724	.4887	.1986	.2477	.6423	.6528	.0528
#2	10.27	.0508	.0554	.4891	.1982	.2460	.6410	.6520	.0594

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.6068	.5846	2.246	1.679	1.905	2.323	.5622	3.672	23.21
Stddev	.0019	.0037	.008	.002	.003	.009	.0009	.011	.02
%RSD	.3125	.6293	.3707	.1185	.1648	.3680	.1625	.2958	.0993
#1	.6081	.5872	2.240	1.677	1.903	2.317	.5616	3.680	23.22
#2	.6055	.5820	2.252	1.680	1.907	2.329	.5629	3.665	23.19

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	7.057	55.78	11.56	*****	.2348	.0015	-.0044	11.41	.0034
Stddev	.059	.17	3.72	-----	.0024	.0001	.0045	.04	.0012
%RSD	.8380	.3079	32.18	-----	1.040	8.659	101.5	.3124	34.86
#1	7.016	55.66	8.928	-----	.2331	.0016	-.0076	11.39	.0042
#2	7.099	55.90	14.19	1306.	.2366	.0014	-.0013	11.44	.0026

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4755	-.0047	.0378	.0005
Stddev	.0012	.0078	.0179	.0004
%RSD	.2470	165.6	47.29	80.31
#1	.4747	.0008	.0252	.0002
#2	.4763	-.0102	.0504	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76677.	35163.	1567.1	4577.2
Stddev	83.	90.	6.7	16.8
%RSD	.10760	.25533	.42870	.36650
#1	76619.	35099.	1571.8	4589.1
#2	76736.	35226.	1562.3	4565.4

Zoom In Zoom Out

Sample Name: MP55853-S2 Acquired: 12/2/2010 19:14:05 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.19	.0507	.0551	.4909	.1994	.2499	.6445	.6561	.0596
Stddev	.05	.0003	.0002	.0007	.0010	.0000	.0039	.0012	.0001
%RSD	.5248	.6558	.3047	.1503	.5187	.0135	.6114	.1812	.2329
#1	10.15	.0504	.0552	.4914	.1987	.2499	.6417	.6570	.0595
#2	10.23	.0509	.0550	.4904	.2001	.2499	.6473	.6553	.0597

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.6114	.5884	2.252	1.692	1.924	2.330	.5632	3.631	23.14
Stddev	.0036	.0006	.001	.001	.006	.001	.0019	.007	.26
%RSD	.5956	.0967	.0614	.0802	.3154	.0265	.3325	.1814	1.123
#1	.6088	.5888	2.251	1.691	1.928	2.331	.5646	3.626	22.95
#2	.6140	.5880	2.253	1.693	1.920	2.330	.5619	3.636	23.32

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	7.037	55.49	13.83	1249.	.2363	.0013	-.0001	11.39	.0023
Stddev	.062	.49	.02	12.	.0007	.0001	.0007	.02	.0001
%RSD	.8835	.8875	.1736	.9667	.2821	7.129	1034.	.1525	5.920
#1	6.993	55.14	13.84	1257.	.2358	.0013	-.0006	11.41	.0024
#2	7.081	55.84	13.81	1240.	.2367	.0012	.0004	11.38	.0022

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4692	-.0107	.0495	.0004
Stddev	.0022	.0001	.0003	.0001
%RSD	.4749	.7999	.5077	21.67
#1	.4677	-.0107	.0493	.0003
#2	.4708	-.0108	.0496	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76337.	35419.	1573.4	4585.1
Stddev	197.	31.	3.5	6.7
%RSD	.25824	.08616	.22002	.14673
#1	76477.	35440.	1571.0	4580.4
#2	76198.	35397.	1575.9	4589.9

Zoom In Zoom Out

Sample Name: JA62112-1 Acquired: 12/2/2010 19:20:05 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1681	.0000	-.0001	.0224	.0024	-.0003	.1474	.1671	.0014
Stddev	.0010	.000	.0001	.0002	.0001	.0002	.0008	.0006	.0001
%RSD	.6199	53.46	107.2	1.039	4.467	66.15	.5605	.3299	3.936
#1	.1674	.0000	.0000	.0222	.0025	-.0004	.1468	.1667	.0015
#2	.1688	.0000	-.0002	.0225	.0023	-.0001	.1480	.1675	.0014

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1278	.0902	.0211	-.0069	.0056	.0164	.0432	1.583	23.56
Stddev	.0008	.0002	.0000	.0001	.0001	.0014	.0017	.003	.06
%RSD	.6440	.2011	.0199	1.898	1.523	8.239	3.858	.1885	.2428
#1	.1272	.0900	.0211	-.0068	.0055	.0174	.0443	1.581	23.52
#2	.1284	.0903	.0211	-.0070	.0056	.0155	.0420	1.586	23.60

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	6.073	56.17	13.99	1255.	.2351	.0017	-.0001	11.39	.0005
Stddev	.026	.27	.15	22.	.0011	.0000	.0001	.01	.0001
%RSD	.4342	.4813	1.061	1.747	.4797	.1752	154.5	.0583	16.80
#1	6.055	55.98	13.88	1240.	.2343	.0017	-.0002	11.39	.0006
#2	6.092	56.36	14.09	1271.	.2359	.0017	.0000	11.40	.0005

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4704	-.0103	.0178	.0000
Stddev	.0027	.0001	.0000	.0000
%RSD	.5718	.6670	.2625	325.7
#1	.4685	-.0104	.0177	.0000
#2	.4723	-.0103	.0178	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76936.	35158.	1590.4	4610.6
Stddev	79.	39.	1.0	4.4
%RSD	.10324	.11098	.06233	.09514
#1	76992.	35185.	1591.1	4613.7
#2	76880.	35130.	1589.7	4607.5

Zoom In Zoom Out

Sample Name: MP55853-SD1 Acquired: 12/2/2010 19:26:07 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1670	.0000	-.0002	.0238	.0033	.0012	.1531	.1695	.0006
Stddev	.0006	.0001	.0002	.0011	.0007	.0008	.0005	.0018	.0001
%RSD	.3888	453.2	87.18	4.612	19.82	65.57	.3356	1.088	14.37
#1	.1675	-.0001	-.0001	.0230	.0029	.0007	.1528	.1682	.0007
#2	.1666	.0001	-.0003	.0246	.0038	.0018	.1535	.1708	.0006

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1313	.1003	.0216	.0095	.0085	.0121	.0409	1.514	23.68
Stddev	.0007	.0016	.0007	.0016	.0015	.0031	.0007	.004	.20
%RSD	.5577	1.635	3.442	16.82	17.13	25.92	1.700	.2830	.8639
#1	.1307	.0991	.0221	.0106	.0096	.0144	.0414	1.511	23.83
#2	.1318	.1014	.0211	.0084	.0075	.0099	.0404	1.517	23.54

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	6.120	55.56	13.87	1351.	.2368	.0011	-.0013	10.95	-.0004
Stddev	.037	.35	.16	29.	.0003	.0001	.0011	.02	.0033
%RSD	.6093	.6313	1.172	2.171	.1213	4.683	89.53	.1892	822.1
#1	6.146	55.81	13.99	1371.	.2366	.0011	-.0020	10.94	-.0027
#2	6.093	55.31	13.76	1330.	.2370	.0011	-.0005	10.97	.0019

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4658	-.0103	.0207	-.0009
Stddev	.0028	.0008	.0028	.0007
%RSD	.6106	8.094	13.47	70.39
#1	.4678	-.0097	.0226	-.0014
#2	.4638	-.0108	.0187	-.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81896.	37446.	1765.1	5403.7
Stddev	192.	350.	.9	.6
%RSD	.23415	.93460	.05193	.01023
#1	82031.	37198.	1764.5	5404.1
#2	81760.	37693.	1765.8	5403.3

Zoom In Zoom Out

Sample Name: JA62379-1 Acquired: 12/2/2010 19:32:10 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	32.02	-.0001	.2618	-.0122	.0067	.0374	.6866	.1172	.6365
Stddev	.35	.0000	.0014	.0011	.0002	.0013	.0032	.0013	.0025
%RSD	1.090	31.58	.5421	8.677	2.505	3.392	.4715	1.144	.3978
#1	32.27	-.0001	.2608	-.0115	.0066	.0383	.6889	.1182	.6347
#2	31.78	.0000	.2628	-.0130	.0069	.0366	.6843	.1163	.6382

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0009	34.53	.0083	-.0059	377.3	.0020	.0126	.1687	50.76
Stddev	.0006	.03	.0018	.0025	.0	.0001	.0059	.0141	.51
%RSD	68.39	.0968	21.81	42.80	.0119	6.920	46.81	8.355	1.006
#1	.0005	34.50	.0070	-.0077	377.3	.0019	.0168	.1587	51.12
#2	.0013	34.55	.0095	-.0041	377.3	.0021	.0084	.1787	50.40

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	10.59	3.082	3.932	587.3	.9346	-.0015	-.0040	.3100	-.0011
Stddev	.09	.039	.010	6.3	.0030	.0001	.0020	.0003	.0004
%RSD	.8279	1.279	.2500	1.080	.3182	5.055	49.28	.0954	34.26
#1	10.65	3.110	3.939	591.8	.9367	-.0016	-.0054	.3102	-.0008
#2	10.53	3.054	3.925	582.8	.9325	-.0015	-.0026	.3098	-.0014

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.5023	.0004	.2361	-.0006
Stddev	.0016	.0002	.0014	.0000
%RSD	.3247	53.76	.5893	4.028
#1	.5034	.0006	.2371	-.0006
#2	.5011	.0003	.2351	-.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83289.	37716.	1772.2	5531.1
Stddev	246.	330.	2.4	3.3
%RSD	.29552	.87406	.13491	.05967
#1	83115.	37482.	1773.9	5533.4
#2	83463.	37949.	1770.5	5528.7

Zoom In Zoom Out

Sample Name: JA62379-1 Acquired: 12/2/2010 19:38:19 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	32.05	-.0002	.2529	-.0111	.0096	.0422	.6899	.1121	.0181
Stddev	.24	.0002	.0004	.0009	.0011	.0015	.0020	.0011	.0027
%RSD	.7641	92.91	.1534	7.993	11.67	3.478	.2874	.9478	14.70
#1	31.88	-.0003	.2531	-.0105	.0088	.0412	.6885	.1114	.0162
#2	32.22	-.0001	.2526	-.0118	.0104	.0432	.6913	.1129	.0199

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0047	35.13	.0139	.0018	376.5	.0178	.0068	.2565	51.16
Stddev	.0008	.01	.0042	.0150	.3	.0199	.0125	.0675	.06
%RSD	17.80	.0290	30.03	839.3	.0915	112.0	183.6	26.32	.1238
#1	.0053	35.14	.0168	-.0088	376.2	.0319	-.0020	.2088	51.21
#2	.0041	35.12	.0109	.0124	376.7	.0037	.0157	.3042	51.12

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	10.47	3.063	3.617	591.3	.9086	-.0031	.0029	.4108	-.0100
Stddev	.01	.083	.108	9.6	.0061	.0027	.0184	.0388	.0103
%RSD	.0573	2.721	2.990	1.626	.6711	88.58	644.1	9.452	103.7
#1	10.47	3.004	3.541	584.5	.9043	-.0050	-.0101	.4382	-.0173
#2	10.48	3.122	3.694	598.2	.9129	-.0012	.0159	.3833	-.0027

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4897	-.0057	.2535	-.0044
Stddev	.0035	.0034	.0126	.0024
%RSD	.7188	59.68	4.983	53.47
#1	.4872	-.0033	.2625	-.0061
#2	.4922	-.0080	.2446	-.0028

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84501.	38416.	1827.3	5732.1
Stddev	213.	32.	8.8	14.8
%RSD	.25153	.08317	.48384	.25813
#1	84351.	38439.	1833.6	5742.6
#2	84652.	38394.	1821.1	5721.6

Zoom In Zoom Out

Sample Name: MP55907-MB1 Acquired: 12/2/2010 19:44:17 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0094	.0000	.0002	.0002	.0006	.0010	.0022	.0041	.0003
Stddev	.0015	.000	.0000	.0001	.0001	.0002	.0000	.0001	.0001
%RSD	16.17	743.9	2.321	47.57	10.59	16.90	.1695	2.766	35.89
#1	.0083	.0000	.0002	.0002	.0006	.0009	.0022	.0042	.0004
#2	.0105	.0000	.0002	.0001	.0005	.0011	.0022	.0040	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0003	-.0027	.0020	-.0090	.0004	.0121	-.0004	.0081	.1807
Stddev	.0001	.0004	.0003	.0002	.0012	.0006	.0004	.0036	.0271
%RSD	27.78	16.03	14.05	2.512	317.9	5.095	112.5	45.02	14.99
#1	.0004	-.0024	.0022	-.0092	.0012	.0116	-.0001	.0055	.1616
#2	.0003	-.0031	.0018	-.0088	-.0005	.0125	-.0007	.0106	.1999

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0225	.0489	5.680	1085.	.0668	-.0002	-.0008	.3369	.0041
Stddev	.0034	.0041	.711	126.	.0001	.0001	.0004	.0012	.0003
%RSD	14.98	8.313	12.51	11.61	.1313	64.29	49.27	.3602	6.973
#1	.0201	.0460	5.178	996.3	.0667	-.0001	-.0005	.3378	.0043
#2	.0249	.0518	6.183	1174.	.0668	-.0003	-.0011	.3361	.0039

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0407	-.0002	.0030	-.0004
Stddev	.0064	.0002	.0007	.0000
%RSD	15.79	118.5	23.73	8.979
#1	.0361	.0000	.0025	-.0003
#2	.0452	-.0004	.0035	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77929.	36793.	1610.8	4760.0
Stddev	40.	4581.	5.2	6.6
%RSD	.05150	12.449	.32241	.13882
#1	77958.	40032.	1607.1	4755.4
#2	77901.	33554.	1614.5	4764.7

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 19:50:25 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.046	2.075	2.016	2.030	2.047	1.977	2.060	2.013	.2474
Stddev	.013	.010	.008	.008	.015	.004	.007	.005	.0014
%RSD	.6392	.4649	.3845	.3775	.7338	.2085	.3623	.2326	.5818
#1	2.037	2.068	2.011	2.025	2.036	1.980	2.055	2.010	.2464
#2	2.055	2.082	2.022	2.036	2.057	1.974	2.065	2.016	.2484
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.015	2.056	2.009	2.028	2.011	2.010	2.000	39.29	40.31
Stddev	.007	.005	.007	.004	.005	.011	.009	.25	.14
%RSD	.3707	.2235	.3308	.2079	.2280	.5568	.4278	.6388	.3536
#1	2.010	2.053	2.004	2.025	2.007	2.002	1.994	39.11	40.21
#2	2.021	2.060	2.013	2.031	2.014	2.018	2.006	39.47	40.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.51	39.62	39.54	38.75	2.008	2.029	1.967	4.998	2.036
Stddev	.20	.22	.34	.30	.010	.008	.001	.031	.009
%RSD	.5052	.5441	.8588	.7766	.5053	.4023	.0262	.6159	.4645
#1	40.37	39.46	39.30	38.54	2.001	2.024	1.967	4.977	2.029
#2	40.66	39.77	39.78	38.97	2.015	2.035	1.967	5.020	2.043
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 19:50:25 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.031	2.019	2.164	2.183
Stddev	.022	.003	.012	.003
%RSD	1.109	.1692	.5570	.1425
#1	2.015	2.017	2.156	2.181
#2	2.047	2.022	2.173	2.185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83335.	38015.	1789.9	5454.2
Stddev	80.	69.	8.3	14.2
%RSD	.09595	.18266	.46249	.25965
#1	83391.	38064.	1795.7	5464.2
#2	83278.	37966.	1784.0	5444.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 19:56:20 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	-.0001	.0004	.0000	.0000	-.0003	.0001
Stddev	.0001	.0000	.000	.0002	.0003	.000	.0000	.0002	.0001
%RSD	278.9	8.899	1523.	268.6	72.91	539.9	122.5	76.63	207.5
#1	.0001	.0000	.0001	.0001	.0002	.0000	.0000	-.0001	.0000
#2	.0000	.0000	-.0001	-.0003	.0006	.0000	.0001	-.0004	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0001	.0005	.0013	-.0002	.0009	.0004	-.0013	.0012
Stddev	.0001	.0001	.0007	.0004	.0001	.0009	.0001	.0010	.0009
%RSD	44.91	86.08	143.7	31.71	52.43	101.4	14.65	78.06	76.95
#1	.0002	.0000	.0000	.0016	-.0001	.0002	.0003	-.0020	.0018
#2	.0001	-.0001	.0010	.0010	-.0003	.0015	.0004	-.0006	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029	.0058	-.0062	.1046	.0006	.0016	.0003	.0008	-.0002
Stddev	.0000	.0045	.0064	.0041	.0006	.0003	.0000	.0003	.0000
%RSD	.0619	76.87	102.7	3.941	100.7	21.05	12.75	39.09	5.851
#1	.0029	.0027	-.0107	.1017	.0010	.0019	.0003	.0006	-.0002
#2	.0029	.0090	-.0017	.1075	.0002	.0014	.0003	.0010	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 19:56:20 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0004	.0097	.0005
Stddev	.0000	.0000	.0000	.0000
%RSD	34.55	12.91	.4068	7.583
#1	.0000	.0004	.0097	.0006
#2	.0000	.0003	.0097	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85220.	38646.	1848.8	5811.4
Stddev	142.	68.	10.1	32.8
%RSD	.16660	.17571	.54558	.56363
#1	85119.	38598.	1855.9	5834.6
#2	85320.	38694.	1841.6	5788.3

Zoom In Zoom Out

Sample Name: MP55907-B1 Acquired: 12/2/2010 20:02:23 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.45	.0532	.0587	.5031	.2104	.2598	.5260	.5264	.0601
Stddev	.18	.0008	.0010	.0050	.0014	.0013	.0011	.0053	.0002
%RSD	1.752	1.592	1.674	.9908	.6612	.5128	.2014	1.005	.3325
#1	10.32	.0526	.0580	.4995	.2094	.2588	.5268	.5227	.0600
#2	10.58	.0538	.0594	.5066	.2114	.2607	.5253	.5302	.0603

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5095	.5351	2.359	1.828	2.030	2.416	.5477	2.132	.0317
Stddev	.0003	.0041	.019	.014	.015	.026	.0061	.042	.0017
%RSD	.0528	.7691	.8181	.7752	.7546	1.079	1.114	1.968	5.348
#1	.5093	.5322	2.346	1.818	2.019	2.397	.5434	2.103	.0305
#2	.5097	.5380	2.373	1.838	2.041	2.434	.5521	2.162	.0329

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.103	.0566	5.757	1103.	.0690	.0001	.0003	.3405	.0048
Stddev	.016	.0026	.014	3.	.0010	.0001	.0003	.0037	.0002
%RSD	1.486	4.617	.2370	.2302	1.421	136.0	93.24	1.080	4.612
#1	1.091	.0547	5.747	1105.	.0683	.0001	.0005	.3379	.0046
#2	1.115	.0584	5.767	1101.	.0697	.0000	.0001	.3431	.0049

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0430	.0000	.0410	.0056
Stddev	.0007	.0003	.0010	.0006
%RSD	1.678	5492.	2.508	10.51
#1	.0425	.0002	.0403	.0061
#2	.0435	-.0002	.0417	.0052

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77679.	36057.	1600.4	4699.4
Stddev	1.	380.	15.9	39.2
%RSD	.00162	1.0526	.99384	.83322
#1	77678.	36326.	1611.6	4727.1
#2	77680.	35789.	1589.1	4671.7

Zoom In Zoom Out

Sample Name: MP55907-S1 Acquired: 12/2/2010 20:08:27 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.31	.0527	.0568	.4936	.2054	.3062	.6266	.5273	.0591
Stddev	.07	.0003	.0007	.0035	.0001	.0011	.0014	.0038	.0000
%RSD	.6880	.5029	1.215	.7002	.0634	.3607	.2193	.7257	.0611
#1	10.26	.0525	.0563	.4912	.2053	.3054	.6257	.5246	.0591
#2	10.36	.0529	.0573	.4961	.2055	.3070	.6276	.5300	.0592

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4977	1.573	2.311	1.783	2.003	2.363	.5351	2.319	6.968
Stddev	.0019	.012	.022	.012	.013	.015	.0034	.010	.015
%RSD	.3887	.7540	.9662	.6764	.6450	.6522	.6362	.4166	.2100
#1	.4964	1.564	2.295	1.774	1.994	2.353	.5327	2.313	6.958
#2	.4991	1.581	2.327	1.791	2.013	2.374	.5375	2.326	6.979

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.211	1.100	5.852	1073.	.1022	-.0003	.0001	.9262	.0048
Stddev	.006	.000	.023	11.	.0013	.0001	.0002	.0086	.0004
%RSD	.5308	.0255	.3937	.9905	1.299	37.73	184.6	.9309	7.329
#1	1.206	1.100	5.868	1081.	.1013	-.0002	.0000	.9201	.0046
#2	1.215	1.100	5.835	1066.	.1032	-.0004	.0003	.9323	.0051

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0706	-.0009	.0450	.0015
Stddev	.0004	.0003	.0003	.0000
%RSD	.5068	29.18	.5844	.2243
#1	.0703	-.0011	.0448	.0015
#2	.0708	-.0007	.0452	.0015

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77865.	35916.	1593.4	4684.2
Stddev	68.	19.	10.3	24.8
%RSD	.08715	.05309	.64874	.52864
#1	77817.	35930.	1600.7	4701.7
#2	77913.	35903.	1586.0	4666.6

Zoom In Zoom Out

Sample Name: MP55907-S2 Acquired: 12/2/2010 20:14:29 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	10.30	.0526	.0568	.4877	.2046	.3036	.6257	.5208	.0587
Stddev	.05	.0002	.0001	.0015	.0003	.0006	.0000	.0009	.0004
%RSD	.5053	.4606	.1807	.3147	.1449	.2007	.0021	.1676	.6188
#1	10.26	.0525	.0567	.4888	.2043	.3032	.6257	.5214	.0584
#2	10.34	.0528	.0568	.4866	.2048	.3041	.6257	.5202	.0590

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4936	1.575	2.290	1.763	1.974	2.355	.5298	2.307	7.044
Stddev	.0001	.004	.012	.005	.001	.010	.0043	.015	.010
%RSD	.0275	.2595	.5223	.2973	.0566	.4247	.8201	.6374	.1460
#1	.4935	1.578	2.299	1.767	1.974	2.362	.5329	2.296	7.037
#2	.4937	1.572	2.282	1.759	1.973	2.348	.5267	2.317	7.051

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.212	1.119	5.851	1067.	.1027	-.0001	.0000	.9215	.0043
Stddev	.006	.013	.004	4.	.0007	.0000	.0002	.0076	.0007
%RSD	.5207	1.195	.0681	.3653	.7025	46.06	801.1	.8196	17.19
#1	1.207	1.110	5.854	1069.	.1032	.0000	.0002	.9268	.0038
#2	1.216	1.129	5.848	1064.	.1022	-.0001	-.0001	.9161	.0048

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0714	-.0007	.0428	.0011
Stddev	.0002	.0002	.0009	.0000
%RSD	.3238	35.43	2.120	2.750
#1	.0712	-.0009	.0434	.0010
#2	.0715	-.0005	.0422	.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77639.	35768.	1602.7	4714.9
Stddev	113.	10.	9.5	15.3
%RSD	.14510	.02701	.59072	.32399
#1	77718.	35775.	1596.1	4704.1
#2	77559.	35762.	1609.4	4725.7

Zoom In Zoom Out

Sample Name: JA62397-1 Acquired: 12/2/2010 20:20:29 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0409	.0001	.0003	.0011	.0011	.0543	.1263	.0160	.0007
Stddev	.0000	.0000	.0001	.0002	.0001	.0022	.0036	.0001	.0003
%RSD	.1162	6.935	33.66	14.10	11.53	4.047	2.866	.8243	39.44
#1	.0409	.0001	.0002	.0010	.0012	.0559	.1288	.0159	.0005
#2	.0410	.0001	.0004	.0012	.0010	.0528	.1237	.0160	.0009

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	1.082	.0021	-.0092	.0009	.0135	-.0001	.2280	7.344
Stddev	.0002	.002	.0002	.0006	.0005	.0000	.0010	.0006	.055
%RSD	59.69	.2091	9.021	6.347	52.74	.1165	1065.	.2801	.7540
#1	.0002	1.084	.0020	-.0088	.0012	.0135	.0006	.2284	7.305
#2	.0005	1.080	.0022	-.0096	.0006	.0135	-.0008	.2275	7.383

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1668	1.144	5.981	1075.	.1042	-.0002	-.0001	.9479	.0055
Stddev	.0018	.014	.059	13.	.0006	.0001	.0002	.0017	.0004
%RSD	1.066	1.224	.9857	1.182	.5685	30.89	149.7	.1829	7.068
#1	.1656	1.154	5.939	1066.	.1038	-.0002	.0000	.9467	.0052
#2	.1681	1.134	6.023	1084.	.1046	-.0002	-.0002	.9491	.0057

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0726	-.0007	.0113	-.0004
Stddev	.0004	.0000	.0006	.0000
%RSD	.5332	1.777	5.504	.2349
#1	.0723	-.0007	.0108	-.0004
#2	.0728	-.0007	.0117	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75996.	35727.	1604.9	4738.9
Stddev	2254.	5.	.7	5.7
%RSD	2.9653	.01483	.04298	.11936
#1	74402.	35730.	1605.4	4742.9
#2	77589.	35723.	1604.4	4734.9

Zoom In Zoom Out

Sample Name: MP55907-SD1 Acquired: 12/2/2010 20:26:32 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0406	.0000	.0006	.0014	.0011	.0520	.1228	.0158	.0012
Stddev	.0000	.0001	.0003	.0002	.0005	.0011	.0003	.0003	.0024
%RSD	.0348	873.5	48.16	14.64	42.49	2.145	.2059	2.047	209.8
#1	.0406	.0001	.0004	.0016	.0014	.0512	.1230	.0160	.0029
#2	.0406	.0000	.0008	.0013	.0008	.0528	.1227	.0155	-.0006

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0019	1.103	.0045	.0078	.0058	.0076	.0028	.2214	7.413
Stddev	.0014	.004	.0030	.0009	.0006	.0035	.0005	.0024	.057
%RSD	74.69	.3599	67.90	11.13	10.58	45.48	16.86	1.065	.7679
#1	.0029	1.100	.0023	.0072	.0054	.0101	.0031	.2231	7.373
#2	.0009	1.106	.0066	.0084	.0063	.0052	.0025	.2198	7.454

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1762	1.141	6.246	1169.	.1062	-.0002	.0014	.9407	.0036
Stddev	.0059	.017	.198	35.	.0002	.0000	.0017	.0130	.0008
%RSD	3.366	1.516	3.169	3.017	.2329	12.82	118.5	1.384	21.99
#1	.1720	1.153	6.106	1144.	.1061	-.0002	.0002	.9315	.0042
#2	.1804	1.129	6.386	1194.	.1064	-.0002	.0026	.9499	.0030

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0720	-.0010	.0137	-.0010
Stddev	.0004	.0013	.0024	.0000
%RSD	.5704	126.1	17.49	2.463
#1	.0718	-.0001	.0154	-.0010
#2	.0723	-.0019	.0120	-.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82746.	37441.	1759.7	5412.6
Stddev	276.	43.	10.8	22.2
%RSD	.33414	.11418	.61611	.41076
#1	82942.	37471.	1767.4	5428.3
#2	82551.	37411.	1752.0	5396.8

Zoom In Zoom Out

Sample Name: JA62398-1 Acquired: 12/2/2010 20:32:36 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0969	.0003	.0042	.0403	.0754	.1230	2.155	.2301	.0044
Stddev	.0004	.0000	.0001	.0004	.0009	.0009	.016	.0013	.0001
%RSD	.3684	1.062	1.892	1.073	1.142	.7399	.7518	.5602	2.723
#1	.0967	.0003	.0042	.0406	.0760	.1236	2.167	.2310	.0045
#2	.0972	.0003	.0041	.0400	.0748	.1223	2.144	.2292	.0043

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0235	9.333	.0104	-.0126	.0379	.0124	-.0007	1.318	282.5
Stddev	.0000	.063	.0011	.0004	.0002	.0009	.0000	.006	4.4
%RSD	.2060	.6708	10.20	3.384	.4069	7.044	6.573	.4409	1.549
#1	.0235	9.377	.0112	-.0129	.0378	.0130	-.0007	1.314	279.4
#2	.0235	9.288	.0097	-.0123	.0380	.0118	-.0007	1.322	285.6

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	8.724	8.625	11.53	1077.	.1706	.1336	-.0032	2.501	.0011
Stddev	.018	.022	.01	16.	.0008	.0003	.0012	.012	.0006
%RSD	.2036	.2603	.1134	1.479	.4855	.2486	38.22	.4855	55.41
#1	8.711	8.641	11.54	1089.	.1712	.1338	-.0023	2.510	.0016
#2	8.736	8.609	11.52	1066.	.1701	.1334	-.0041	2.493	.0007

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.6485	-.0010	.0794	.0005
Stddev	.0029	.0002	.0006	.0000
%RSD	.4500	20.72	.7201	9.360
#1	.6464	-.0008	.0798	.0005
#2	.6505	-.0011	.0790	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77445.	35512.	1549.0	4492.9
Stddev	606.	92.	2.1	8.8
%RSD	.78212	.25822	.13704	.19695
#1	77016.	35447.	1547.5	4486.7
#2	77873.	35577.	1550.5	4499.2

Zoom In Zoom Out

Sample Name: JA62399-1 Acquired: 12/2/2010 20:38:44 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5458	.0015	.0048	.0696	.0755	.1990	1.644	.1063	.0025
Stddev	.0026	.0000	.0001	.0001	.0010	.0004	.018	.0008	.0001
%RSD	.4854	.3050	1.638	.1868	1.264	.1982	1.080	.7064	4.370
#1	.5439	.0016	.0049	.0695	.0748	.1988	1.631	.1058	.0024
#2	.5477	.0015	.0047	.0697	.0761	.1993	1.656	.1068	.0026

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0022	4.687	-.0012	-.0178	.2357	.0138	.0008	.2654	383.7
Stddev	.0001	.016	.0001	.0002	.0006	.0001	.0002	.0063	3.1
%RSD	6.753	.3468	5.584	1.193	.2517	.4888	30.78	2.375	.8202
#1	.0021	4.675	-.0012	-.0180	.2353	.0138	.0010	.2609	385.9
#2	.0023	4.698	-.0012	-.0177	.2361	.0139	.0006	.2698	381.5

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	3.993	14.26	15.16	1050.	.2647	.0012	-.0029	34.54	-.0027
Stddev	.034	.10	.11	13.	.0008	.0000	.0000	.02	.0003
%RSD	.8618	.6864	.7093	1.260	.3158	3.812	.5988	.0438	10.67
#1	3.969	14.19	15.09	1041.	.2641	.0011	-.0029	34.55	-.0025
#2	4.018	14.33	15.24	1059.	.2653	.0012	-.0029	34.53	-.0029

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.7989	-.0310	.0778	.0002
Stddev	.0039	.0002	.0009	.0000
%RSD	.4877	.6251	1.144	1.906
#1	.7961	-.0311	.0772	.0002
#2	.8016	-.0309	.0784	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76205.	34854.	1515.8	4435.6
Stddev	329.	27.	2.8	.0
%RSD	.43173	.07609	.18710	.00091
#1	76438.	34872.	1513.8	4435.6
#2	75972.	34835.	1517.8	4435.5

Zoom In Zoom Out

Sample Name: ja61390-4 Acquired: 12/2/2010 20:44:51 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0919	.0003	-.0002	.0039	.0005	.0067	10.32	.0039	.0014
Stddev	.0015	.0000	.0000	.0003	.0003	.0002	.26	.0008	.0000
%RSD	1.647	6.264	21.38	6.999	74.63	2.383	2.567	20.74	1.423
#1	.0909	.0003	-.0002	.0041	.0007	.0066	10.13	.0045	.0014
#2	.0930	.0003	-.0003	.0037	.0002	.0068	10.50	.0033	.0014

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0049	.0134	.0011	-.0003	.0021	-.0009	.0005	.9086	102.3
Stddev	.0000	.0001	.0019	.0013	.0002	.0014	.0003	.0304	1.5
%RSD	.7831	1.041	179.1	431.3	10.04	147.5	65.62	3.351	1.473
#1	.0048	.0135	-.0003	-.0013	.0023	.0000	.0008	.8871	101.3
#2	.0049	.0133	.0024	.0006	.0020	-.0019	.0003	.9301	103.4

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	25.98	46.61	1.826	69.76	.2398	.0010	-.0018	7.941	-.0104
Stddev	.38	.73	.024	.90	.0071	.0000	.0010	.231	.0004
%RSD	1.455	1.573	1.297	1.290	2.940	.7767	54.40	2.909	3.591
#1	25.71	46.09	1.809	69.13	.2448	.0010	-.0011	8.105	-.0102
#2	26.25	47.13	1.843	70.40	.2348	.0010	-.0025	7.778	-.0107

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4672	.0317	.0238	.0014
Stddev	.0070	.0005	.0001	.0001
%RSD	1.501	1.553	.5484	6.085
#1	.4623	.0320	.0239	.0014
#2	.4722	.0313	.0237	.0013

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82342.	37842.	1780.9	5552.6
Stddev	1817.	307.	45.2	125.8
%RSD	2.2071	.81066	2.5396	2.2660
#1	83627.	38059.	1748.9	5463.6
#2	81056.	37625.	1812.9	5641.5

Zoom In Zoom Out

Sample Name: MP55899-MB1 Acquired: 12/2/2010 20:50:50 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	-.0002	.0003	.0005	.0001	.0001	.0002	-.0001
Stddev	.0000	.0000	.0001	.0000	.0002	.0003	.0000	.0000	.0001
%RSD	25.49	108.0	63.32	1.939	34.47	224.0	30.36	19.94	149.2
#1	.0001	.0000	-.0003	.0003	.0004	-.0001	.0002	.0002	-.0002
#2	.0001	.0000	-.0001	.0003	.0007	.0004	.0001	.0003	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0003	.0052	.0004	.0045	.0031	-.0013	-.0008	.0019	.0258
Stddev	.0000	.0001	.0000	.0005	.0004	.0006	.0001	.0003	.0002
%RSD	7.373	2.153	8.401	11.59	12.48	45.82	13.14	14.98	.6842
#1	.0003	.0053	.0005	.0049	.0034	-.0009	-.0007	.0017	.0257
#2	.0004	.0052	.0004	.0042	.0028	-.0018	-.0008	.0021	.0259

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0075	.0088	.0019	.1647	-.0003	-.0001	.0007	-.0037	.0048
Stddev	.0007	.0024	.0067	.0013	.0004	.0001	.0002	.0008	.0002
%RSD	8.658	27.60	343.9	.7722	124.5	167.1	33.67	21.25	3.487
#1	.0071	.0106	.0067	.1638	-.0006	.0000	.0009	-.0042	.0049
#2	.0080	.0071	-.0028	.1656	.0000	-.0001	.0005	-.0031	.0047

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0002	-.0051	-.0004
Stddev	.0000	.0001	.0001	.0001
%RSD	29.48	35.74	2.533	18.52
#1	.0000	.0003	-.0050	-.0004
#2	.0000	.0002	-.0052	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	86444.	39203.	1881.6	5928.5
Stddev	294.	156.	.8	10.6
%RSD	.34022	.39847	.04354	.17832
#1	86652.	39313.	1881.1	5921.1
#2	86236.	39092.	1882.2	5936.0

Zoom In Zoom Out

Sample Name: MP55899-mb2 Acquired: 12/2/2010 20:56:52 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0185	.0000	.0004	.0005	.0072	.0076	.0026	.0015	-.0002
Stddev	.0002	.0000	.0000	.0001	.0001	.0002	.0001	.0001	.0002
%RSD	1.165	86.31	12.16	10.81	1.428	2.582	2.021	7.985	91.73
#1	.0183	.0000	.0004	.0005	.0071	.0078	.0026	.0016	-.0001
#2	.0186	.0000	.0004	.0006	.0072	.0075	.0027	.0015	-.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0015	.0096	.0000	.0010	.0386	.0010	.0010	1.019	.4887
Stddev	.0000	.0001	.000	.0000	.0000	.0010	.0003	.012	.0028
%RSD	2.123	.5479	1041.	3.192	.0449	97.90	34.89	1.133	.5660
#1	.0016	.0096	-.0003	.0010	.0385	.0018	.0012	1.011	.4907
#2	.0015	.0096	.0002	.0009	.0386	.0003	.0007	1.027	.4868

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1431	219.1	2.129	76.12	.0778	.0055	-.0015	1.465	.0239
Stddev	.0007	.3	.033	.05	.0000	.0001	.0008	.000	.0002
%RSD	.5218	.1378	1.545	.0654	.0555	2.436	55.56	.0169	.9060
#1	.1426	218.9	2.106	76.09	.0778	.0054	-.0021	1.465	.0238
#2	.1437	219.4	2.152	76.16	.0778	.0056	-.0009	1.465	.0241

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0105	.0125	.0046	.1948
Stddev	.0001	.0002	.0004	.0018
%RSD	.7056	1.764	8.445	.9048
#1	.0104	.0126	.0049	.1936
#2	.0105	.0123	.0044	.1960

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81132.	37240.	1727.2	5359.1
Stddev	174.	14.	.9	8.0
%RSD	.21491	.03860	.05360	.15000
#1	81009.	37230.	1727.9	5364.7
#2	81255.	37250.	1726.6	5353.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 21:02:58 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.058	2.093	2.034	2.043	2.088	2.011	2.109	2.041	.2520
Stddev	.014	.011	.005	.006	.001	.004	.001	.001	.0001
%RSD	.7003	.5007	.2603	.2993	.0237	.1848	.0396	.0470	.0446
#1	2.048	2.085	2.030	2.039	2.087	2.008	2.108	2.040	.2521
#2	2.068	2.100	2.038	2.047	2.088	2.014	2.109	2.041	.2519
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.059	2.081	2.018	2.049	2.039	2.009	2.009	39.35	40.84
Stddev	.004	.002	.007	.007	.002	.008	.007	.27	.14
%RSD	.2073	.0789	.3371	.3244	.1133	.4115	.3531	.6973	.3483
#1	2.056	2.080	2.013	2.044	2.041	2.003	2.004	39.16	40.74
#2	2.062	2.082	2.023	2.054	2.038	2.015	2.014	39.55	40.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.88	40.15	40.16	39.01	2.030	2.046	1.998	5.036	2.051
Stddev	.24	.14	.14	.24	.006	.007	.004	.015	.007
%RSD	.5971	.3529	.3490	.6201	.3123	.3288	.2059	.3062	.3411
#1	40.70	40.05	40.06	38.84	2.025	2.041	1.995	5.025	2.046
#2	41.05	40.26	40.26	39.18	2.034	2.051	2.001	5.047	2.056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 21:02:58 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.046	2.058	2.180	F 2.215
Stddev	.046	.002	.014	.007
%RSD	2.254	.1023	.6508	.3212
#1	2.013	2.056	2.170	2.210
#2	2.079	2.059	2.190	2.221
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				2.000
Range				10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82070.	37563.	1792.1	5436.9
Stddev	98.	41.	7.8	12.3
%RSD	.11899	.10929	.43528	.22571
#1	82139.	37592.	1797.6	5445.5
#2	82001.	37534.	1786.5	5428.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 21:08:53 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0001	.0001	.0002	.0000	-.0001	.0001
Stddev	.0000	.0000	.0001	.0001	.0000	.0001	.0000	.0000	.0000
%RSD	104.4	50.99	305.7	59.86	35.97	85.60	16.91	4.314	10.77
#1	.0001	.0001	.0001	.0002	.0002	.0001	.0000	-.0001	.0002
#2	.0000	.0000	.0000	.0001	.0001	.0003	.0000	-.0001	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0001	.0003	.0015	.0001	.0012	.0003	.0017	-.0009
Stddev	.0001	.0001	.0005	.0004	.0002	.0005	.0006	.0007	.0004
%RSD	31.68	89.99	162.9	25.24	199.5	41.15	182.0	43.28	47.33
#1	.0004	.0000	.0007	.0018	.0000	.0009	-.0001	.0012	-.0006
#2	.0002	-.0002	-.0001	.0013	.0002	.0016	.0007	.0022	-.0012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	.0018	-.0080	.0781	.0004	.0016	.0000	.0009	-.0001
Stddev	.0000	.0046	.0022	.0025	.0002	.0001	.0004	.0004	.0002
%RSD	1.241	249.3	27.48	3.139	38.62	5.902	3666.	40.65	360.8
#1	.0025	.0051	-.0095	.0764	.0005	.0017	-.0002	.0007	.0001
#2	.0026	-.0014	-.0064	.0798	.0003	.0015	.0003	.0012	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 21:08:53 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0005	.0090	.0005
Stddev	.0000	.0001	.0006	.0001
%RSD	25.29	17.50	7.086	19.06
#1	.0001	.0006	.0095	.0006
#2	.0000	.0005	.0086	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85283.	38554.	1857.7	5816.6
Stddev	28.	15.	9.5	21.9
%RSD	.03283	.03821	.51163	.37725
#1	85303.	38564.	1864.4	5832.1
#2	85263.	38543.	1851.0	5801.0

Zoom In Zoom Out

Sample Name: MP55899-B1 Acquired: 12/2/2010 21:14:57 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	3.857	.0975	.0931	.9625	.3913	.4626	.9795	.9531	.0998
Stddev	.031	.0003	.0001	.0011	.0003	.0010	.0006	.0008	.0004
%RSD	.7989	.3452	.1417	.1178	.0851	.2124	.0586	.0814	.4242
#1	3.835	.0973	.0932	.9633	.3911	.4633	.9799	.9525	.1001
#2	3.879	.0978	.0930	.9617	.3916	.4619	.9791	.9536	.0995

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.9354	.9676	3.735	3.561	.9311	3.603	.9475	51.61	12.04
Stddev	.0010	.0006	.007	.001	.0004	.009	.0014	.15	.07
%RSD	.1065	.0602	.1828	.0178	.0406	.2621	.1501	.2988	.5598
#1	.9361	.9672	3.740	3.561	.9309	3.609	.9485	51.50	11.99
#2	.9346	.9680	3.730	3.560	.9314	3.596	.9465	51.72	12.09

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	51.28	11.62	12.30	12.21	-.0007	-.0006	.0027	.0169	.0225
Stddev	.30	.06	.03	.02	.0001	.0001	.0010	.0001	.0002
%RSD	.5878	.5408	.2598	.1431	10.05	10.74	37.68	.4122	.9493
#1	51.07	11.57	12.28	12.20	-.0007	-.0006	.0020	.0169	.0226
#2	51.50	11.66	12.33	12.22	-.0008	-.0005	.0034	.0168	.0223

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0011	.0013	.0548	.0091
Stddev	.0000	.0002	.0002	.0007
%RSD	1.800	13.06	.2862	7.809
#1	.0011	.0012	.0549	.0096
#2	.0011	.0015	.0547	.0086

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83391.	38194.	1794.3	5581.5
Stddev	192.	45.	6.8	10.2
%RSD	.23032	.11675	.38133	.18342
#1	83255.	38162.	1789.5	5574.2
#2	83527.	38225.	1799.1	5588.7

Zoom In Zoom Out

Sample Name: MP55899-B2 Acquired: 12/2/2010 21:20:54 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0260	.0000	.0005	.0010	.0146	.0027	.0033	.0018	-.0003
Stddev	.0004	.0000	.0001	.0000	.0004	.0002	.0001	.0001	.0003
%RSD	1.471	33.86	13.94	2.935	2.917	6.066	1.543	5.469	96.30
#1	.0257	.0000	.0005	.0010	.0143	.0026	.0033	.0017	-.0001
#2	.0263	.0000	.0006	.0009	.0149	.0028	.0032	.0019	-.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0013	.0047	-.0004	.0013	.0064	.0019	.0009	1.736	.5185
Stddev	.0002	.0001	.0004	.0001	.0002	.0003	.0000	.027	.0052
%RSD	16.09	1.649	110.8	6.091	2.674	14.24	1.570	1.560	1.005
#1	.0015	.0048	-.0007	.0013	.0063	.0017	.0009	1.717	.5148
#2	.0012	.0047	-.0001	.0014	.0066	.0020	.0009	1.755	.5222

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1729	208.7	2.055	76.45	.1812	.0052	-.0019	1.730	.0264
Stddev	.0027	3.2	.019	2.94	.0009	.0000	.0004	.005	.0003
%RSD	1.537	1.546	.9415	3.846	.5181	.5949	20.03	.2820	1.309
#1	.1710	206.4	2.041	74.37	.1818	.0053	-.0022	1.727	.0266
#2	.1748	211.0	2.068	78.53	.1805	.0052	-.0016	1.734	.0261

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0128	.0299	.0092	.2279
Stddev	.0002	.0007	.0007	.0036
%RSD	1.651	2.307	7.225	1.564
#1	.0127	.0294	.0087	.2254
#2	.0130	.0304	.0096	.2304

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81391.	37406.	1704.7	5309.9
Stddev	1088.	305.	1.8	6.3
%RSD	1.3364	.81494	.10393	.11882
#1	82160.	37622.	1705.9	5314.4
#2	80622.	37191.	1703.4	5305.4

Zoom In Zoom Out

Sample Name: MP55899-B3 Acquired: 12/2/2010 21:26:59 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0201	.0000	.0005	.0007	.2114	.0045	.0031	.0016	.0001
Stddev	.0001	.0000	.0001	.0000	.0001	.0002	.0000	.0001	.0001
%RSD	.4604	19.57	10.47	4.536	.0632	3.925	.3806	8.246	90.22
#1	.0200	.0000	.0005	.0007	.2115	.0046	.0032	.0015	.0000
#2	.0201	.0000	.0006	.0007	.2114	.0043	.0031	.0017	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0017	.0044	-.0012	.0010	35.50	.0008	-.0001	1.688	.5641
Stddev	.0000	.0001	.0003	.0004	.07	.0002	.0007	.006	.0025
%RSD	1.784	1.349	28.84	34.16	.1852	26.69	719.9	.3806	.4503
#1	.0017	.0043	-.0014	.0008	35.45	.0006	-.0006	1.693	.5623
#2	.0017	.0044	-.0010	.0013	35.54	.0009	.0004	1.684	.5659

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1415	314.4	2.187	85.48	.1774	.0078	-.0016	1.303	.0269
Stddev	.0014	1.7	.009	.09	.0004	.0000	.0007	.003	.0007
%RSD	.9690	.5501	.4139	.1090	.2379	.0440	40.67	.2191	2.432
#1	.1406	313.2	2.194	85.55	.1771	.0078	-.0021	1.301	.0273
#2	.1425	315.7	2.181	85.42	.1777	.0078	-.0012	1.305	.0264

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0112	.0226	.0060	.2411
Stddev	.0001	.0005	.0001	.0002
%RSD	.5938	2.249	1.995	.0865
#1	.0111	.0230	.0061	.2412
#2	.0112	.0222	.0059	.2409

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81446.	36946.	1699.9	5237.6
Stddev	96.	50.	4.7	9.6
%RSD	.11793	.13436	.27762	.18310
#1	81514.	36981.	1703.3	5244.3
#2	81378.	36910.	1696.6	5230.8

Zoom In Zoom Out

Sample Name: MP55899-b4 Acquired: 12/2/2010 21:33:05 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1501	.0004	-.0009	.2998	7.460	.2260	1.935	1.101	.0090
Stddev	.0001	.0000	.0001	.0009	.012	.0005	.003	.004	.0003
%RSD	.0435	5.254	14.63	.3038	.1564	.2078	.1445	.3764	3.374
#1	.1501	.0003	-.0008	.2992	7.452	.2263	1.933	1.098	.0088
#2	.1500	.0004	-.0010	.3005	7.468	.2257	1.937	1.104	.0092

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.8977	1.120	.0344	-.0057	.7204	-.0007	-.0061	41.41	134.0
Stddev	.0010	.004	.0004	.0008	.0013	.0000	.0008	.03	1.5
%RSD	.1126	.3319	1.127	14.78	.1736	.0871	12.40	.0622	1.131
#1	.8970	1.118	.0341	-.0051	.7196	-.0007	-.0066	41.39	135.1
#2	.8984	1.123	.0346	-.0063	.7213	-.0007	-.0055	41.43	132.9

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	212.3	394.3	3.407	124.4	.1664	.0105	-.0327	2.991	.0702
Stddev	.8	2.1	.024	.4	.0001	.0002	.0002	.003	.0006
%RSD	.3715	.5449	.7042	.3131	.0848	1.461	.6168	.1087	.9002
#1	211.8	392.8	3.424	124.7	.1663	.0106	-.0325	2.989	.0706
#2	212.9	395.9	3.390	124.1	.1665	.0104	-.0328	2.994	.0697

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4377	7.482	.0652	.0993
Stddev	.0006	.003	.0001	.0005
%RSD	.1270	.0349	.0802	.5110
#1	.4373	7.484	.0651	.0996
#2	.4381	7.480	.0652	.0989

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78493.	35942.	1608.3	4850.2
Stddev	102.	83.	1.6	10.1
%RSD	.13054	.23059	.09811	.20747
#1	78421.	35883.	1609.4	4857.3
#2	78565.	36000.	1607.2	4843.1

Zoom In Zoom Out

Sample Name: mp55899-d1 Acquired: 12/2/2010 21:39:16 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0314	.0001	.0004	.0007	.0404	.0405	.0661	.0071	.0001
Stddev	.0001	.0000	.0001	.0001	.0005	.0003	.0003	.0003	.0002
%RSD	.4607	2.014	12.86	7.712	1.232	.8127	.5141	3.928	277.4
#1	.0313	.0001	.0004	.0007	.0400	.0407	.0659	.0073	-.0001
#2	.0315	.0001	.0005	.0006	.0407	.0403	.0664	.0069	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0026	.2052	.0005	.0008	.0217	.0009	.0001	2.541	7.635
Stddev	.0002	.0005	.0004	.0003	.0010	.0003	.0001	.016	.039
%RSD	8.634	.2290	80.37	41.69	4.429	32.80	74.26	.6176	.5085
#1	.0027	.2049	.0002	.0010	.0210	.0007	.0001	2.530	7.607
#2	.0024	.2055	.0008	.0006	.0223	.0011	.0000	2.552	7.662

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	2.920	162.4	6.632	269.1	.4429	.0052	-.0016	2.532	.0292
Stddev	.019	1.2	.033	2.8	.0002	.0001	.0007	.003	.0007
%RSD	.6596	.7382	.5016	1.028	.0437	2.689	42.94	.1202	2.233
#1	2.907	161.6	6.608	267.1	.4431	.0051	-.0011	2.534	.0297
#2	2.934	163.3	6.655	271.0	.4428	.0052	-.0021	2.530	.0288

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1171	.0419	.0105	.1514
Stddev	.0006	.0001	.0004	.0004
%RSD	.5412	.2967	3.700	.2335
#1	.1166	.0418	.0102	.1517
#2	.1175	.0420	.0107	.1512

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80671.	36848.	1692.6	5166.7
Stddev	2.	66.	.9	5.9
%RSD	.00265	.17983	.05428	.11513
#1	80670.	36895.	1692.0	5170.9
#2	80673.	36801.	1693.3	5162.5

Zoom In Zoom Out

Sample Name: JA59879-5AUS Acquired: 12/2/2010 21:45:18 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0344	.0001	.0005	.0013	.0630	.0242	.0749	.0140	.0001
Stddev	.0002	.0000	.0000	.0001	.0005	.0001	.0000	.0003	.0000
%RSD	.4883	10.45	7.810	4.995	.7967	.2405	.0450	2.387	36.66
#1	.0343	.0001	.0004	.0013	.0626	.0242	.0749	.0138	.0001
#2	.0345	.0001	.0005	.0012	.0633	.0242	.0749	.0143	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0033	.2243	-.0001	.0003	.0198	.0009	.0001	2.446	8.262
Stddev	.0001	.0003	.0008	.0003	.0007	.0005	.0018	.010	.042
%RSD	1.699	.1171	1210.	101.4	3.631	56.99	3115.	.4001	.5082
#1	.0033	.2243	.0005	.0005	.0203	.0013	.0014	2.439	8.233
#2	.0033	.2247	-.0006	.0001	.0193	.0006	-.0012	2.453	8.292

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	3.544	132.4	5.434	219.1	.2943	.0037	-.0017	3.724	.0267
Stddev	.024	.7	.023	.4	.0011	.0001	.0001	.009	.0000
%RSD	.6823	.4943	.4190	.1946	.3569	1.997	5.264	.2504	.0379
#1	3.527	132.0	5.418	218.8	.2951	.0036	-.0016	3.730	.0267
#2	3.561	132.9	5.450	219.4	.2936	.0038	-.0017	3.717	.0267

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1216	.0503	.0123	.1314
Stddev	.0006	.0000	.0005	.0003
%RSD	.5056	.0156	3.780	.2300
#1	.1211	.0503	.0120	.1312
#2	.1220	.0503	.0127	.1317

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81090.	37052.	1698.3	5217.8
Stddev	140.	60.	2.0	1.4
%RSD	.17320	.16291	.11844	.02752
#1	81190.	37094.	1696.9	5216.8
#2	80991.	37009.	1699.7	5218.8

Sample Name: JA59879-5AUAS Acquired: 12/2/2010 21:51:21 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0374	.0001	.0002	.0006	6.909	.0141	.0658	.0055	.0001
Stddev	.0000	.0000	.0000	.0000	.051	.0002	.0005	.0002	.0001
%RSD	.0539	3.759	10.25	2.329	.7425	1.192	.7813	4.061	85.16
#1	.0374	.0001	.0001	.0006	6.946	.0140	.0662	.0057	.0001
#2	.0374	.0001	.0002	.0006	6.873	.0142	.0654	.0053	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0040	.1232	-.0031	-.0032	.0149	.0025	-.0105	2.195	8.160
Stddev	.0001	.0011	.0004	.0010	.0002	.0006	.0002	.002	.031
%RSD	2.930	.9178	12.70	30.99	1.404	24.15	1.651	.1052	.3843
#1	.0040	.1240	-.0034	-.0039	.0148	.0030	-.0103	2.196	8.138
#2	.0039	.1224	-.0028	-.0025	.0151	.0021	-.0106	2.193	8.182

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	2.605	151.9	7.321	276.2	.2632	.0046	-.0016	2.654	.0278
Stddev	.014	.5	.018	.3	.0001	.0001	.0001	.017	.0004
%RSD	.5290	.3046	.2530	.1188	.0562	1.715	8.787	.6463	1.333
#1	2.595	151.5	7.334	276.5	.2631	.0046	-.0017	2.666	.0281
#2	2.615	152.2	7.308	276.0	.2633	.0047	-.0015	2.642	.0275

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1287	.0439	.0171	.1188
Stddev	.0003	.0004	.0006	.0001
%RSD	.2187	.9021	3.315	.1150
#1	.1285	.0436	.0167	.1189
#2	.1289	.0441	.0175	.1187

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80941.	36643.	1655.0	5111.3
Stddev	69.	26.	5.5	24.3
%RSD	.08562	.07114	.33403	.47516
#1	80892.	36625.	1651.1	5094.1
#2	80990.	36662.	1658.9	5128.4

Sample Name: JA59879-5AUBS Acquired: 12/2/2010 21:57:23 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0338	.0001	.0003	.0006	6.340	.0108	.0629	.0063	.0005
Stddev	.0003	.0000	.0001	.0001	.084	.0000	.0008	.0002	.0001
%RSD	.7946	5.905	53.64	16.63	1.326	.0382	1.245	3.019	28.98
#1	.0340	.0001	.0004	.0007	6.281	.0108	.0624	.0064	.0004
#2	.0336	.0001	.0002	.0005	6.400	.0108	.0635	.0061	.0006

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0034	.1488	-.0034	-.0021	25.89	.0006	-.0115	2.199	7.353
Stddev	.0002	.0001	.0002	.0001	.05	.0007	.0007	.018	.009
%RSD	4.746	.0643	4.433	4.138	.2069	111.7	6.066	.8383	.1284
#1	.0035	.1489	-.0035	-.0022	25.92	.0011	-.0111	2.212	7.359
#2	.0033	.1487	-.0033	-.0020	25.85	.0001	-.0120	2.186	7.346

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	2.599	167.3	5.978	243.7	.3352	.0048	-.0017	3.058	.0271
Stddev	.006	.6	.081	4.7	.0002	.0001	.0001	.009	.0001
%RSD	.2197	.3823	1.355	1.936	.0729	1.739	7.073	.2798	.4112
#1	2.603	167.7	6.036	247.0	.3351	.0048	-.0016	3.064	.0271
#2	2.595	166.8	5.921	240.3	.3354	.0049	-.0018	3.052	.0272

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1189	.0400	.0151	.1749
Stddev	.0011	.0009	.0008	.0018
%RSD	.9315	2.195	5.236	1.030
#1	.1197	.0394	.0145	.1736
#2	.1181	.0406	.0156	.1761

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80062.	36857.	1677.5	5174.4
Stddev	534.	329.	2.3	6.9
%RSD	.66671	.89263	.13440	.13323
#1	80440.	36624.	1675.9	5169.5
#2	79685.	37089.	1679.1	5179.3

Sample Name: MP55892-MB1 Acquired: 12/2/2010 22:03:24 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0002	.0000	.0001	.0000	.0042	.0006	.0005	.0012	.0000
Stddev	.0000	.000	.0000	.000	.0005	.0001	.0000	.0001	.0001
%RSD	.7501	74.84	17.03	58.28	11.29	22.88	1.746	6.673	218.0
#1	.0002	.0000	.0001	.0000	.0046	.0005	.0005	.0012	.0001
#2	.0002	.0000	.0001	-.0001	.0039	.0007	.0005	.0013	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0016	-.0007	-.0003	-.0007	.0019	.0002	.0063	.0439
Stddev	.0001	.0001	.0001	.0002	.0003	.0003	.0000	.0010	.0011
%RSD	88.08	4.512	6.999	60.69	44.11	18.69	11.70	16.27	2.530
#1	.0001	.0016	-.0007	-.0002	-.0005	.0021	.0002	.0056	.0431
#2	.0002	.0015	-.0008	-.0004	-.0009	.0016	.0001	.0070	.0446

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0320	.0030	-.0087	.0785	.0001	.0002	.0002	.0128	-.0007
Stddev	.0002	.0036	.0023	.0004	.0001	.0002	.0010	.0006	.0000
%RSD	.5254	118.9	26.60	.4860	112.1	140.7	443.1	4.535	2.452
#1	.0321	.0055	-.0104	.0788	.0000	.0000	.0009	.0124	-.0007
#2	.0319	.0005	-.0071	.0782	.0002	.0003	-.0005	.0132	-.0007

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	.0000	.0055	-.0001
Stddev	.0000	.000	.0001	.0000
%RSD	1.666	336.1	1.998	64.01
#1	.0001	-.0001	.0055	.0000
#2	.0001	.0001	.0056	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83091.	37902.	1786.5	5711.6
Stddev	99.	134.	4.3	16.4
%RSD	.11889	.35451	.24294	.28680
#1	83022.	37807.	1789.6	5723.2
#2	83161.	37997.	1783.5	5700.0

Sample Name: MP55892-MB2 Acquired: 12/2/2010 22:09:27 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0128	.0000	.0005	-.0001	.0077	.0024	.0004	.0068	.0029
Stddev	.0002	.000	.0001	.0001	.0003	.0000	.0001	.0002	.0001
%RSD	1.232	285.3	11.72	62.78	3.534	.7310	18.86	2.705	3.346
#1	.0127	.0000	.0005	-.0002	.0075	.0024	.0003	.0067	.0028
#2	.0129	.0000	.0006	-.0001	.0079	.0024	.0004	.0069	.0030

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0017	.0049	-.0009	-.0047	.0060	.0031	.0004	.3604	.1428
Stddev	.0000	.0001	.0001	.0014	.0002	.0015	.0001	.0025	.0010
%RSD	.6781	2.694	10.16	30.52	4.150	49.76	35.83	.6849	.7115
#1	.0017	.0049	-.0010	-.0037	.0062	.0020	.0005	.3586	.1435
#2	.0017	.0047	-.0008	-.0058	.0058	.0041	.0003	.3621	.1421

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0281	.0232	273.0	*****	7.317	.0117	-.0009	59.30	-.0008
Stddev	.0013	.0056	1.7	-----	.045	.0000	.0004	.52	.0005
%RSD	4.622	24.03	.6172	-----	.6135	.3193	42.98	.8723	64.94
#1	.0271	.0271	271.8	-----	7.285	.0117	-.0006	58.93	-.0012
#2	.0290	.0192	274.2	-----	7.349	.0117	-.0011	59.66	-.0004

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0041	-.0002	.0200	-.0004
Stddev	.0000	.0002	.0004	.0001
%RSD	.9260	100.7	1.780	18.65
#1	.0040	-.0004	.0198	-.0005
#2	.0041	-.0001	.0203	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67432.	30811.	1375.8	3315.0
Stddev	97.	39.	2.8	9.4
%RSD	.14357	.12665	.20110	.28506
#1	67364.	30839.	1377.7	3321.7
#2	67501.	30784.	1373.8	3308.3

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 22:15:32 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.078	2.063	2.029	2.046	2.026	2.003	2.040	2.012	.2484
Stddev	.010	.006	.001	.000	.005	.002	.007	.004	.0001
%RSD	.4828	.2890	.0710	.0017	.2285	.0745	.3430	.2254	.0482
#1	2.071	2.058	2.030	2.046	2.029	2.004	2.045	2.009	.2485
#2	2.085	2.067	2.028	2.046	2.023	2.002	2.035	2.015	.2483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.003	2.046	2.034	2.037	2.011	2.031	2.030	39.74	39.28
Stddev	.004	.000	.000	.004	.002	.004	.001	.11	.03
%RSD	.1953	.0085	.0152	.1828	.0747	.1808	.0245	.2708	.0818
#1	2.006	2.045	2.034	2.034	2.010	2.029	2.030	39.66	39.26
#2	2.000	2.046	2.034	2.040	2.012	2.034	2.030	39.81	39.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.09	39.16	40.64	37.18	2.044	2.046	1.989	5.175	2.047
Stddev	.12	.06	.03	.72	.007	.004	.000	.002	.002
%RSD	.3078	.1452	.0688	1.930	.3684	.2184	.0041	.0319	.0897
#1	40.00	39.12	40.62	37.69	2.039	2.043	1.989	5.176	2.048
#2	40.18	39.20	40.66	36.67	2.050	2.049	1.989	5.174	2.046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 22:15:32 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.022	2.013	F 2.201	2.189
Stddev	.013	.003	.006	.004
%RSD	.6352	.1676	.2603	.2023
#1	2.013	2.016	2.197	2.186
#2	2.031	2.011	2.205	2.192
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000	
Range			10.00%	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81922.	37320.	1743.5	5355.6
Stddev	244.	86.	1.5	11.4
%RSD	.29761	.23126	.08329	.21199
#1	81749.	37259.	1744.6	5363.7
#2	82094.	37381.	1742.5	5347.6

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 22:21:26 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0001	.0000	.0000	.0004	.0001	-.0003	.0001
Stddev	.0000	.0000	.0000	.000	.000	.0002	.0000	.0000	.0001
%RSD	60.33	48.30	52.04	1183.	974.2	44.75	52.85	3.134	53.49
#1	.0000	.0000	.0000	.0000	-.0001	.0003	.0001	-.0003	.0001
#2	.0001	.0000	.0001	.0000	.0001	.0005	.0000	-.0003	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0000	-.0001	.0013	-.0001	.0003	.0001	-.0006	.0007
Stddev	.0000	.000	.0004	.0005	.0001	.0015	.0002	.0002	.0008
%RSD	1.816	346.5	649.5	34.47	57.26	450.8	239.6	34.15	114.9
#1	.0002	-.0001	-.0003	.0016	-.0002	-.0007	.0003	-.0004	.0012
#2	.0002	.0000	.0002	.0010	-.0001	.0014	-.0001	-.0007	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027	.0002	.0353	.3839	.0011	.0016	-.0005	F .0324	-.0005
Stddev	.0005	.0031	.0076	.0001	.0001	.0004	.0002	.0005	.0000
%RSD	19.05	1397.	21.47	.0272	4.585	21.60	31.15	1.548	1.789
#1	.0031	-.0020	.0299	.3838	.0011	.0019	-.0004	.0321	-.0005
#2	.0023	.0024	.0407	.3840	.0011	.0014	-.0006	.0328	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit								.0200	
Low Limit								-.0200	

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 22:21:26 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0003	.0112	.0007
Stddev	.000	.0000	.0009	.0000
%RSD	92.75	6.680	8.332	1.267
#1	.0000	.0003	.0119	.0007
#2	.0000	.0003	.0106	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84202.	37941.	1802.6	5717.4
Stddev	135.	102.	3.0	14.5
%RSD	.15979	.26782	.16460	.25441
#1	84297.	38013.	1804.7	5727.7
#2	84107.	37869.	1800.5	5707.1

Zoom In Zoom Out

Sample Name: MP55892-LC1 Acquired: 12/2/2010 22:27:29 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5439	.5295	.5090	.5290	.5236	.4878	.5221	.5087	.1975
Stddev	.0010	.0013	.0041	.0041	.0007	.0037	.0009	.0036	.0009
%RSD	.1791	.2534	.7981	.7754	.1385	.7582	.1664	.6994	.4421
#1	.5446	.5305	.5062	.5261	.5231	.4851	.5215	.5062	.1969
#2	.5432	.5286	.5119	.5319	.5242	.4904	.5227	.5112	.1981

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5060	.5251	.5136	.4777	.4908	.4991	.5151	5.061	5.488
Stddev	.0017	.0046	.0036	.0047	.0038	.0035	.0038	.010	.012
%RSD	.3418	.8759	.6944	.9852	.7799	.6923	.7466	.1938	.2255
#1	.5048	.5218	.5111	.4743	.4880	.4966	.5124	5.067	5.497
#2	.5072	.5283	.5162	.4810	.4935	.5015	.5179	5.054	5.479

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.832	5.427	10.75	12.42	.0038	.5317	.0008	.1957	-.0017
Stddev	.019	.038	.00	.00	.0004	.0038	.0005	.0001	.0008
%RSD	.3183	.7000	.0091	.0145	11.38	.7128	67.36	.0678	47.31
#1	5.845	5.400	10.75	12.42	.0041	.5290	.0004	.1956	-.0011
#2	5.819	5.454	10.75	12.42	.0035	.5344	.0012	.1958	-.0022

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0004	.5132	.0303	.0103
Stddev	.0000	.0027	.0004	.0019
%RSD	.9036	.5199	1.335	18.70
#1	.0004	.5113	.0306	.0117
#2	.0004	.5151	.0300	.0089

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82772.	37381.	1748.5	5568.8
Stddev	81.	335.	7.6	31.8
%RSD	.09793	.89577	.43297	.57061
#1	82829.	37144.	1753.9	5591.3
#2	82714.	37617.	1743.2	5546.3

Zoom In Zoom Out

Sample Name: MP55892-B1 Acquired: 12/2/2010 22:33:19 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0135	.0000	.0012	-.0011	.8286	.0024	.0004	.0072	.0036
Stddev	.0001	.0000	.0000	.0001	.0044	.0000	.0001	.0005	.0001
%RSD	1.067	105.3	1.673	5.904	.5278	1.101	18.10	7.476	3.265
#1	.0136	.0000	.0011	-.0010	.8255	.0024	.0004	.0068	.0036
#2	.0134	.0000	.0012	-.0011	.8317	.0024	.0005	.0076	.0035

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0020	.0018	-.0025	-.0100	.0067	.0040	.0001	2.410	.1241
Stddev	.0000	.0002	.0014	.0006	.0006	.0018	.0008	.024	.0018
%RSD	1.176	11.25	56.53	5.916	8.778	44.13	1260.	.9742	1.491
#1	.0020	.0016	-.0035	-.0095	.0063	.0027	-.0005	2.427	.1254
#2	.0021	.0019	-.0015	-.0104	.0071	.0052	.0006	2.393	.1228

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0296	.0583	297.9	*****	18.39	.0141	-.0012	162.5	-.0008
Stddev	.0013	.0018	3.3	-----	.14	.0001	.0018	1.5	.0004
%RSD	4.555	3.144	1.115	-----	.7525	1.063	141.1	.9096	52.65
#1	.0306	.0570	300.2	-----	18.29	.0140	-.0025	161.5	-.0005
#2	.0287	.0596	295.5	-----	18.49	.0142	.0000	163.5	-.0011

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0043	.0002	.0348	-.0006
Stddev	.0000	.0002	.0011	.0001
%RSD	.1471	74.62	3.021	11.79
#1	.0043	.0003	.0341	-.0005
#2	.0043	.0001	.0356	-.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67201.	30624.	1340.1	3146.5
Stddev	245.	289.	5.6	17.6
%RSD	.36453	.94275	.41801	.55872
#1	67375.	30420.	1344.1	3158.9
#2	67028.	30828.	1336.1	3134.0

Zoom In Zoom Out

Sample Name: MP55892-B2 Acquired: 12/2/2010 22:39:23 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0226	.0000	.0003	-.0014	19.56	.0043	-.0001	.0065	.0037
Stddev	.0005	.000	.0001	.0000	.08	.0001	.0001	.0000	.0000
%RSD	2.230	47.84	28.77	2.134	.3930	2.609	84.15	.0900	.1256
#1	.0223	.0000	.0002	-.0014	19.50	.0042	-.0001	.0065	.0037
#2	.0230	-.0001	.0003	-.0014	19.61	.0044	-.0002	.0065	.0037

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0059	-.0147	-.0195	-.0137	9.415	.0047	-.0370	.6964	-.2669
Stddev	.0002	.0000	.0005	.0003	.004	.0016	.0003	.0103	.0022
%RSD	3.966	.0702	2.489	1.930	.0477	32.98	.7248	1.479	.8073
#1	.0060	-.0147	-.0198	-.0139	9.412	.0059	-.0372	.6891	-.2684
#2	.0057	-.0147	-.0191	-.0135	9.418	.0036	-.0368	.7037	-.2654

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0393	.1066	272.3	*****	12.62	.0130	-.0008	102.5	-.0012
Stddev	.0007	.0016	5.7	-----	.02	.0003	.0005	.6	.0002
%RSD	1.841	1.485	2.078	-----	.1690	2.106	65.85	.5501	14.86
#1	.0388	.1077	268.3	-----	12.61	.0132	-.0011	102.1	-.0013
#2	.0398	.1055	276.3	-----	12.64	.0128	-.0004	102.9	-.0011

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0067	.0049	.0448	-.0009
Stddev	.0001	.0001	.0000	.0000
%RSD	1.772	1.840	.0785	5.085
#1	.0066	.0049	.0448	-.0009
#2	.0068	.0050	.0448	-.0009

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	66294.	30125.	1316.0	3194.8
Stddev	74.	483.	3.1	3.8
%RSD	.11107	1.6020	.23723	.11997
#1	66346.	30467.	1318.2	3197.5
#2	66241.	29784.	1313.8	3192.0

Zoom In Zoom Out

Sample Name: MP55892-B3 Acquired: 12/2/2010 22:45:25 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0011	.0003	.0041	.0012	2.024	.0394	.0021	.0093	-.0137
Stddev	.0000	.0001	.0004	.0000	.060	.0016	.0000	.0000	.0002
%RSD	3.185	29.75	9.197	3.199	2.944	4.186	.1868	.1448	1.733
#1	.0011	.0002	.0038	.0012	2.066	.0406	.0021	.0093	-.0138
#2	.0011	.0004	.0043	.0012	1.982	.0382	.0021	.0093	-.0135

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	7.163	.0217	.3598	-.1303	-.0050	.0056	.0030	33.86	.5059
Stddev	.221	.0001	.0002	.0000	.0017	.0004	.0003	.19	.0007
%RSD	3.078	.5324	.0449	.0048	34.66	7.414	10.85	.5514	.1376
#1	7.319	.0216	.3597	-.1303	-.0038	.0059	.0028	33.99	.5064
#2	7.008	.0218	.3599	-.1303	-.0062	.0053	.0032	33.73	.5054

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0859	.0308	260.2	*****	4.360	.0122	-.0015	56.51	.0176
Stddev	.0004	.0072	1.7	-----	.024	.0002	.0011	.58	.0005
%RSD	.4574	23.32	.6548	-----	.5529	1.537	70.04	1.025	3.001
#1	.0862	.0359	261.4	-----	4.343	.0121	-.0023	56.10	.0172
#2	.0856	.0258	259.0	-----	4.377	.0123	-.0008	56.92	.0180

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0009	.0039	.0170	-.0007
Stddev	.0000	.0002	.0000	.0001
%RSD	2.194	6.310	.0889	20.11
#1	.0009	.0041	.0170	-.0008
#2	.0009	.0037	.0170	-.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65187.	31219.	1359.2	3189.9
Stddev	1959.	159.	5.6	11.0
%RSD	3.0055	.51056	.41476	.34460
#1	63802.	31106.	1363.2	3197.7
#2	66573.	31331.	1355.3	3182.2

Zoom In Zoom Out

Sample Name: MP55892-D1 Acquired: 12/2/2010 22:51:27 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0103	.0001	.0014	.0007	.0106	.0365	.0050	.0110	.0038
Stddev	.0001	.0000	.0002	.0003	.0002	.0009	.0001	.0001	.0003
%RSD	.5390	4.772	14.02	36.58	1.863	2.389	1.641	.9614	8.530
#1	.0102	.0001	.0016	.0009	.0104	.0372	.0050	.0109	.0040
#2	.0103	.0001	.0013	.0005	.0107	.0359	.0049	.0111	.0036

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0171	.1058	.0040	-.0172	.0121	.0128	.0013	.3328	2.426
Stddev	.0004	.0000	.0002	.0020	.0003	.0012	.0002	.0024	.002
%RSD	2.574	.0407	4.701	11.51	2.281	9.286	14.15	.7071	.0660
#1	.0174	.1057	.0038	-.0158	.0123	.0136	.0014	.3311	2.427
#2	.0168	.1058	.0041	-.0186	.0119	.0119	.0011	.3345	2.425

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.2311	1.773	235.1	*****	11.95	.0222	-.0012	85.21	.0026
Stddev	.0002	.010	.8	-----	.03	.0001	.0002	.27	.0007
%RSD	.0934	.5832	.3543	-----	.2264	.3860	18.79	.3118	28.60
#1	.2310	1.766	234.5	-----	11.97	.0221	-.0011	85.02	.0031
#2	.2313	1.781	235.7	-----	11.94	.0222	-.0014	85.39	.0020

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0373	.0098	.0326	.0168
Stddev	.0000	.0001	.0002	.0004
%RSD	.0022	.6048	.6014	2.532
#1	.0373	.0098	.0328	.0171
#2	.0373	.0099	.0325	.0165

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65602.	29763.	1305.4	3208.1
Stddev	963.	95.	2.4	1.3
%RSD	1.4677	.31772	.18434	.04016
#1	64921.	29696.	1307.1	3209.0
#2	66282.	29830.	1303.7	3207.2

Zoom In Zoom Out

Sample Name: JA59879-5AUF Acquired: 12/2/2010 22:57:30 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0094	.0001	.0011	.0007	.0114	.0122	.0069	.0106	.0035
Stddev	.0001	.0000	.0001	.0000	.0003	.0002	.0002	.0002	.0003
%RSD	.7256	19.65	6.409	5.995	2.823	1.376	2.453	2.163	9.368
#1	.0095	.0001	.0011	.0006	.0112	.0121	.0067	.0107	.0033
#2	.0094	.0001	.0012	.0007	.0116	.0124	.0070	.0104	.0038

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0195	.0980	.0052	-.0169	.0082	.0138	.0005	.4086	2.168
Stddev	.0001	.0001	.0005	.0004	.0013	.0022	.0004	.0020	.001
%RSD	.3300	.1015	9.332	2.566	15.61	16.26	81.11	.4934	.0493
#1	.0195	.0980	.0055	-.0166	.0073	.0154	.0009	.4100	2.169
#2	.0196	.0979	.0048	-.0172	.0091	.0122	.0002	.4071	2.167

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.2686	2.625	241.4	*****	9.513	.0223	-.0015	75.71	.0029
Stddev	.0019	.009	2.7	-----	.013	.0004	.0007	.14	.0002
%RSD	.6965	.3597	1.114	-----	.1413	1.585	45.00	.1896	6.541
#1	.2699	2.618	243.3	-----	9.523	.0226	-.0010	75.81	.0030
#2	.2673	2.632	239.5	-----	9.504	.0221	-.0019	75.61	.0028

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0330	.0130	.0283	.0122
Stddev	.0002	.0007	.0002	.0001
%RSD	.6750	5.064	.8270	.7299
#1	.0332	.0125	.0281	.0121
#2	.0329	.0134	.0284	.0122

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65273.	29665.	1310.5	3218.1
Stddev	833.	312.	5.0	5.4
%RSD	1.2762	1.0529	.38489	.16752
#1	65862.	29444.	1307.0	3214.3
#2	64684.	29885.	1314.1	3221.9

Zoom In Zoom Out

Sample Name: JA59879-5AUAF Acquired: 12/2/2010 23:03:33 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0063	.0001	.0010	.0004	2.894	.0077	.0092	.0092	.0037
Stddev	.0000	.0000	.0000	.0001	.001	.0002	.0000	.0001	.0008
%RSD	.1570	24.23	2.646	26.21	.0271	2.871	.3364	1.017	20.89
#1	.0063	.0001	.0010	.0004	2.894	.0075	.0092	.0092	.0031
#2	.0063	.0001	.0010	.0003	2.895	.0079	.0092	.0093	.0042

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0191	.0566	.0018	-.0137	.0056	.0116	-.0050	.5838	.8009
Stddev	.0004	.0001	.0004	.0007	.0009	.0001	.0007	.0019	.0074
%RSD	2.248	.0903	24.24	4.796	16.78	.5049	14.69	.3210	.9227
#1	.0194	.0566	.0021	-.0133	.0050	.0116	-.0055	.5852	.7957
#2	.0188	.0566	.0015	-.0142	.0063	.0117	-.0045	.5825	.8061

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1005	4.232	256.7	*****	6.223	.0211	-.0002	56.39	.0017
Stddev	.0005	.028	.1	-----	.002	.0002	.0003	.17	.0015
%RSD	.5263	.6688	.0455	-----	.0312	.9326	126.5	.2929	88.14
#1	.1001	4.212	256.8	-----	6.222	.0210	-.0005	56.28	.0007
#2	.1009	4.252	256.6	-----	6.225	.0212	.0000	56.51	.0028

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0101	.0048	.0190	.0019
Stddev	.0000	.0003	.0010	.0001
%RSD	.1730	6.415	5.154	4.383
#1	.0101	.0045	.0183	.0019
#2	.0101	.0050	.0197	.0018

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65327.	29772.	1315.0	3231.0
Stddev	3.	41.	4.3	2.4
%RSD	.00478	.13744	.33012	.07491
#1	65325.	29744.	1318.1	3232.8
#2	65329.	29801.	1311.9	3229.3

Zoom In Zoom Out

Sample Name: JA59879-5AUBF Acquired: 12/2/2010 23:09:35 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0070	.0000	.0008	.0004	2.730	.0077	.0071	.0099	.0041
Stddev	.0002	.0000	.0000	.0000	.005	.0000	.0001	.0002	.0001
%RSD	2.750	16.03	3.953	5.817	.2026	.3273	1.113	1.732	2.414
#1	.0071	.0000	.0009	.0004	2.734	.0077	.0072	.0100	.0040
#2	.0068	.0001	.0008	.0004	2.726	.0077	.0071	.0098	.0041

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0170	.0309	-.0001	-.0144	8.243	.0094	-.0048	.4667	.8628
Stddev	.0002	.0001	.0006	.0011	.008	.0003	.0016	.0062	.0238
%RSD	1.187	.2108	986.6	7.743	.0931	3.427	32.77	1.339	2.763
#1	.0171	.0310	.0004	-.0136	8.248	.0097	-.0037	.4711	.8797
#2	.0168	.0309	-.0005	-.0152	8.237	.0092	-.0060	.4622	.8460

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0776	4.202	230.6	*****	8.204	.0200	-.0012	66.93	.0016
Stddev	.0023	.109	4.5	-----	.018	.0000	.0009	.06	.0001
%RSD	2.931	2.586	1.933	-----	.2130	.1867	75.60	.0918	5.253
#1	.0793	4.279	233.7	-----	8.192	.0200	-.0019	66.98	.0016
#2	.0760	4.125	227.4	-----	8.217	.0200	-.0006	66.89	.0017

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0119	.0026	.0253	.0019
Stddev	.0003	.0001	.0005	.0000
%RSD	2.811	2.149	1.965	1.416
#1	.0122	.0026	.0250	.0019
#2	.0117	.0025	.0257	.0019

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65676.	29090.	1335.3	3301.7
Stddev	160.	837.	3.7	8.2
%RSD	.24389	2.8764	.27799	.24690
#1	65563.	28498.	1332.7	3295.9
#2	65789.	29682.	1337.9	3307.4

Zoom In Zoom Out

Sample Name: MP55892-D1 Acquired: 12/2/2010 23:15:37 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0102	.0001	.0015	.0012	.0114	.0346	.0049	.0132	.0039
Stddev	.0002	.0000	.0000	.0002	.0003	.0002	.0001	.0001	.0005
%RSD	1.508	9.260	2.253	18.41	2.875	.6946	1.727	.5943	13.20
#1	.0101	.0001	.0015	.0010	.0116	.0348	.0050	.0132	.0036
#2	.0103	.0001	.0015	.0013	.0112	.0344	.0049	.0133	.0043

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0174	.1101	.0030	-.0111	.0116	.0119	-.0007	.3043	2.379
Stddev	.0002	.0001	.0037	.0009	.0005	.0018	.0010	.0041	.025
%RSD	.9530	.0732	125.5	7.681	4.386	15.15	153.2	1.345	1.055
#1	.0175	.1100	.0056	-.0117	.0119	.0132	-.0014	.3072	2.361
#2	.0172	.1101	.0003	-.0105	.0112	.0106	.0001	.3014	2.397

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.2311	1.809	218.7	*****	11.95	.0215	-.0021	80.66	.0025
Stddev	.0013	.002	.1	-----	.01	.0000	.0005	.08	.0001
%RSD	.5476	.0883	.0370	-----	.0570	.0189	22.24	.1015	2.431
#1	.2302	1.810	218.6	-----	11.95	.0215	-.0017	80.61	.0025
#2	.2320	1.808	218.7	-----	11.96	.0215	-.0024	80.72	.0024

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0366	.0112	.0273	.0158
Stddev	.0001	.0002	.0006	.0005
%RSD	.2836	1.898	2.310	3.126
#1	.0366	.0110	.0269	.0162
#2	.0367	.0113	.0277	.0155

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70944.	31945.	1442.5	3798.1
Stddev	190.	50.	1.0	.4
%RSD	.26719	.15717	.06979	.01092
#1	71078.	31981.	1441.8	3797.8
#2	70810.	31910.	1443.3	3798.4

Zoom In Zoom Out

Sample Name: MP55928-MB1CONF Acquired: 12/2/2010 23:21:40 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0005	.0000	-.0002	.0003	.0002	.0032	.0006	-.0003	.0001
Stddev	.0001	.0000	.0002	.0001	.0001	.0000	.0000	.0001	.0001
%RSD	10.14	30.24	69.45	22.95	43.03	.4647	.6514	36.50	156.2
#1	.0006	.0000	-.0001	.0002	.0001	.0032	.0006	-.0003	.0001
#2	.0005	.0000	-.0004	.0003	.0002	.0032	.0006	-.0002	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0028	.0004	.0046	.0023	-.0028	-.0008	.0069	.4132
Stddev	.0002	.0001	.0004	.0003	.0002	.0002	.0004	.0005	.0004
%RSD	66.22	5.115	112.5	7.466	6.820	6.608	52.98	8.006	.1015
#1	.0001	.0027	.0007	.0044	.0022	-.0029	-.0005	.0065	.4135
#2	.0004	.0029	.0001	.0048	.0024	-.0027	-.0010	.0072	.4129

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0055	.0389	.1626	2.382	.0060	.0000	-.0006	.0446	.0040
Stddev	.0003	.0019	.0190	.192	.0003	.000	.0004	.0025	.0003
%RSD	5.893	4.937	11.70	8.072	5.098	1461.	71.32	5.695	8.339
#1	.0057	.0375	.1761	2.518	.0062	.0000	-.0009	.0464	.0042
#2	.0053	.0403	.1492	2.246	.0058	.0000	-.0003	.0428	.0038

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0014	.0002	-.0046	-.0004
Stddev	.0000	.0003	.0000	.0000
%RSD	1.136	196.4	.6690	8.718
#1	.0014	-.0001	-.0046	-.0004
#2	.0014	.0004	-.0046	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	85110.	37871.	1801.2	5804.1
Stddev	1123.	154.	8.2	36.9
%RSD	1.3199	.40688	.45739	.63594
#1	85904.	37979.	1795.4	5778.0
#2	84315.	37762.	1807.0	5830.2

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 23:27:42 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.160	2.091	2.051	2.069	2.003	2.015	2.024	2.008	.2467
Stddev	.079	.084	.023	.023	.043	.035	.043	.027	.0049
%RSD	3.653	4.032	1.132	1.106	2.164	1.757	2.104	1.357	2.004
#1	2.104	2.031	2.068	2.085	1.972	1.990	1.994	2.027	.2432
#2	2.215	2.151	2.035	2.053	2.033	2.040	2.054	1.988	.2502
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.997	2.038	2.062	2.050	2.005	2.058	2.070	41.10	39.32
Stddev	.041	.030	.018	.023	.029	.020	.017	1.48	1.81
%RSD	2.048	1.456	.8522	1.108	1.425	.9936	.8334	3.602	4.593
#1	1.968	2.059	2.074	2.066	2.025	2.073	2.082	40.06	38.05
#2	2.026	2.017	2.049	2.034	1.985	2.044	2.058	42.15	40.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.18	39.46	43.32	38.60	2.071	2.079	2.001	5.291	2.068
Stddev	1.71	1.68	1.36	.47	.017	.019	.039	.047	.023
%RSD	4.247	4.258	3.135	1.211	.8246	.9035	1.952	.8895	1.124
#1	38.97	38.27	42.36	38.27	2.083	2.092	1.974	5.324	2.085
#2	41.38	40.65	44.28	38.93	2.059	2.065	2.029	5.258	2.052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/2/2010 23:27:42 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.105	2.007	F 2.243	2.183
Stddev	.089	.041	.014	.045
%RSD	4.241	2.048	.6322	2.059
#1	2.042	1.978	2.253	2.152
#2	2.168	2.036	2.233	2.215
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000	
Range			10.00%	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81775.	35923.	1703.8	5304.5
Stddev	1219.	1104.	9.2	40.7
%RSD	1.4907	3.0721	.53754	.76710
#1	82637.	36703.	1697.4	5275.7
#2	80913.	35142.	1710.3	5333.3

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 23:33:36 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0001	.0001	-.0001	.0002	.0007	.0001	-.0004	.0000
Stddev	.0000	.0000	.0001	.0000	.0001	.0004	.0000	.0002	.000
%RSD	21.28	20.01	60.04	21.37	28.31	61.42	2.316	44.61	1002.
#1	.0001	.0001	.0001	-.0002	.0002	.0009	.0001	-.0005	.0000
#2	.0001	.0000	.0001	-.0001	.0003	.0004	.0001	-.0003	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0002	-.0001	.0015	-.0003	.0002	.0005	.0008	-.0027
Stddev	.0000	.0001	.0000	.0005	.0003	.0008	.0004	.0022	.0001
%RSD	4.160	54.32	10.35	32.55	113.6	547.7	87.71	260.8	5.103
#1	.0002	-.0001	-.0001	.0012	-.0006	.0008	.0007	-.0007	-.0028
#2	.0002	-.0003	-.0001	.0018	-.0001	-.0004	.0002	.0023	-.0026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035	-.0010	.0584	.7181	.0048	.0016	-.0002	F .0411	-.0004
Stddev	.0000	.0024	.0020	.0062	.0004	.0003	.0001	.0020	.0003
%RSD	1.271	239.4	3.360	.8631	8.785	18.66	26.12	4.883	68.09
#1	.0035	-.0027	.0598	.7225	.0051	.0018	-.0002	.0397	-.0002
#2	.0035	.0007	.0570	.7137	.0045	.0014	-.0003	.0425	-.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit								.0200	
Low Limit								-.0200	

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/2/2010 23:33:36 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0006	.0097	.0006
Stddev	.0000	.0001	.0009	.0001
%RSD	44.56	22.14	9.644	12.45
#1	.0000	.0007	.0104	.0006
#2	.0000	.0005	.0090	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81366.	36202.	1790.3	5725.6
Stddev	2583.	853.	3.7	4.2
%RSD	3.1742	2.3573	.20739	.07349
#1	79540.	35599.	1792.9	5722.7
#2	83193.	36806.	1787.7	5728.6

Zoom In Zoom Out

Sample Name: JA59879-5AUF Acquired: 12/2/2010 23:39:40 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0094	.0001	.0012	.0010	.0114	.0131	.0071	.0134	.0039
Stddev	.0001	.0000	.0002	.0001	.0002	.0002	.0001	.0001	.0005
%RSD	.9568	27.16	20.39	9.661	1.752	1.682	.9755	.6051	12.25
#1	.0094	.0002	.0013	.0009	.0113	.0132	.0071	.0135	.0035
#2	.0095	.0001	.0010	.0010	.0116	.0129	.0070	.0134	.0042

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0194	.1059	.0017	-.0119	.0067	.0138	-.0006	.3679	2.178
Stddev	.0007	.0006	.0007	.0000	.0009	.0020	.0007	.0069	.015
%RSD	3.367	.5629	44.04	.3949	14.00	14.29	114.1	1.887	.6789
#1	.0199	.1063	.0022	-.0119	.0074	.0124	-.0012	.3630	2.168
#2	.0189	.1055	.0011	-.0118	.0061	.0152	-.0001	.3728	2.189

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.2665	2.659	219.6	*****	9.459	.0233	-.0010	71.25	.0036
Stddev	.0029	.018	1.1	-----	.036	.0006	.0003	.14	.0011
%RSD	1.090	.6572	.4871	-----	.3836	2.415	29.99	.2025	30.05
#1	.2644	2.647	218.8	-----	9.434	.0237	-.0008	71.14	.0044
#2	.2685	2.671	220.3	-----	9.485	.0229	-.0012	71.35	.0029

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0321	.0139	.0387	.0284
Stddev	.0001	.0001	.0003	.0035
%RSD	.3824	.6488	.8466	12.17
#1	.0321	.0139	.0389	.0309
#2	.0322	.0138	.0384	.0260

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71213.	31998.	1438.7	3794.8
Stddev	10.	37.	4.0	5.1
%RSD	.01341	.11617	.27622	.13439
#1	71220.	31972.	1441.5	3798.4
#2	71207.	32024.	1435.9	3791.2

Zoom In Zoom Out

Sample Name: JA59879-5AUAF Acquired: 12/2/2010 23:45:43 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0063	.0001	.0008	.0005	2.967	.0097	.0092	.0117	.0035
Stddev	.0001	.0000	.0003	.0002	.046	.0005	.0002	.0003	.0007
%RSD	1.275	13.02	31.07	38.09	1.555	5.131	2.672	2.878	20.40
#1	.0063	.0001	.0010	.0007	3.000	.0101	.0093	.0119	.0040
#2	.0062	.0001	.0006	.0004	2.935	.0094	.0090	.0114	.0030

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0193	.0628	.0001	-.0112	.0050	.0111	-.0064	.5319	.8150
Stddev	.0006	.0000	.0005	.0001	.0021	.0010	.0016	.0062	.0002
%RSD	3.075	.0603	545.2	1.327	41.03	8.892	25.71	1.158	.0217
#1	.0197	.0628	.0004	-.0111	.0036	.0118	-.0052	.5363	.8151
#2	.0189	.0628	-.0003	-.0113	.0065	.0104	-.0075	.5276	.8149

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1038	4.284	235.9	*****	6.225	.0220	-.0007	53.42	.0028
Stddev	.0008	.003	.2	-----	.018	.0002	.0001	.26	.0006
%RSD	.8097	.0584	.1041	-----	.2895	.9625	17.81	.4836	22.62
#1	.1032	4.286	235.7	-----	6.238	.0222	-.0006	53.60	.0024
#2	.1044	4.282	236.1	-----	6.212	.0219	-.0008	53.24	.0033

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0098	.0048	.0245	.0034
Stddev	.0000	.0003	.0009	.0004
%RSD	.0717	6.456	3.610	10.63
#1	.0098	.0050	.0251	.0037
#2	.0098	.0046	.0239	.0032

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70490.	31857.	1422.4	3750.9
Stddev	1042.	169.	4.8	17.9
%RSD	1.4786	.52938	.33746	.47630
#1	69753.	31738.	1419.0	3738.3
#2	71227.	31977.	1425.8	3763.6

Zoom In Zoom Out

Sample Name: MP55933-MB1conf Acquired: 12/2/2010 23:51:46 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0001	-.0002	.0004	.0007	.0001	-.0002	-.0002
Stddev	.0000	.0000	.0001	.0000	.0003	.0002	.0001	.0002	.0002
%RSD	.8789	478.6	86.95	10.66	66.52	32.88	60.40	83.00	127.3
#1	.0001	.0000	.0000	-.0002	.0006	.0008	.0002	-.0001	-.0004
#2	.0001	.0000	.0002	-.0002	.0002	.0005	.0001	-.0003	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0012	-.0007	-.0010	-.0005	.0016	.0002	.0025	.0082
Stddev	.0000	.0000	.0006	.0006	.0013	.0000	.0003	.0006	.0014
%RSD	14.40	2.811	73.40	54.52	286.9	1.077	123.8	25.02	16.51
#1	.0001	.0013	-.0011	-.0006	-.0014	.0016	.0004	.0029	.0073
#2	.0001	.0012	-.0004	-.0014	.0005	.0016	.0000	.0020	.0092

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0062	-.0007	.1328	1.467	.0054	.0002	-.0001	.0666	.0000
Stddev	.0004	.0057	.0111	.029	.0002	.0000	.0004	.0036	.000
%RSD	6.595	767.6	8.384	1.974	2.797	14.41	387.0	5.448	20.44
#1	.0060	.0033	.1407	1.488	.0055	.0003	-.0004	.0692	.0000
#2	.0065	-.0047	.1249	1.447	.0053	.0002	.0002	.0641	.0000

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	-.0002	.0058	-.0002
Stddev	.000	.0001	.0001	.0000
%RSD	98.61	69.83	1.330	14.74
#1	.0000	-.0001	.0059	-.0002
#2	.0000	-.0002	.0058	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82609.	36789.	1758.2	5664.0
Stddev	136.	116.	4.3	5.1
%RSD	.16470	.31625	.24696	.09006
#1	82705.	36707.	1755.1	5660.3
#2	82512.	36871.	1761.2	5667.6

Zoom In Zoom Out

Sample Name: MP55933-S1 Acquired: 12/2/2010 23:57:47 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.207	.0523	.0553	.5231	.2048	.2579	1.088	.5150	.0539
Stddev	.012	.0004	.0001	.0034	.0007	.0000	.004	.0032	.0003
%RSD	.5474	.7846	.2684	.6517	.3649	.0129	.3642	.6238	.4675
#1	2.198	.0521	.0552	.5207	.2043	.2579	1.085	.5127	.0538
#2	2.215	.0526	.0554	.5255	.2053	.2579	1.091	.5173	.0541

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5027	.6973	2.172	1.929	.4985	2.154	.5485	2.118	239.8
Stddev	.0008	.0034	.013	.015	.0049	.019	.0039	.022	6.4
%RSD	.1567	.4840	.5882	.7891	.9760	.8717	.7065	1.034	2.662
#1	.5021	.6949	2.163	1.918	.4951	2.140	.5458	2.103	235.3
#2	.5033	.6997	2.181	1.940	.5020	2.167	.5513	2.134	244.3

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.234	49.01	47.19	75.63	1.133	.0062	.0000	13.07	-.0036
Stddev	.006	.22	.35	.99	.009	.0000	.000	.08	.0004
%RSD	.4940	.4445	.7501	1.311	.7667	.3241	301.6	.5799	11.89
#1	1.230	48.86	46.94	76.33	1.126	.0062	.0001	13.02	-.0033
#2	1.239	49.17	47.44	74.93	1.139	.0063	-.0002	13.13	-.0039

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.125	-.0107	.0511	.0004
Stddev	.007	.0004	.0002	.0001
%RSD	.5931	4.059	.3303	22.76
#1	1.120	-.0104	.0510	.0003
#2	1.130	-.0110	.0512	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78113.	35084.	1605.0	5061.2
Stddev	76.	17.	7.7	27.6
%RSD	.09786	.04915	.47874	.54443
#1	78167.	35072.	1610.4	5080.7
#2	78059.	35096.	1599.5	5041.7

Zoom In Zoom Out

Sample Name: MP55933-S2 Acquired: 12/3/2010 0:03:48 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.161	.0512	.0536	.5073	.1985	.2519	1.067	.5011	.0526
Stddev	.013	.0002	.0003	.0020	.0005	.0003	.000	.0003	.0002
%RSD	.5843	.3108	.4746	.3933	.2452	.1296	.0187	.0538	.3581
#1	2.152	.0511	.0534	.5059	.1982	.2521	1.067	.5009	.0525
#2	2.170	.0513	.0537	.5087	.1989	.2517	1.067	.5013	.0527

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4906	.6809	2.109	1.875	.4890	2.086	.5302	2.065	238.4
Stddev	.0001	.0012	.002	.003	.0001	.003	.0007	.008	1.9
%RSD	.0262	.1715	.0700	.1500	.0236	.1435	.1257	.3961	.7869
#1	.4907	.6801	2.110	1.873	.4891	2.084	.5307	2.059	237.1
#2	.4905	.6817	2.108	1.877	.4889	2.088	.5297	2.070	239.7

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.200	48.59	46.84	75.66	1.126	.0061	-.0002	12.90	-.0037
Stddev	.007	.20	.39	.98	.003	.0000	.0006	.01	.0001
%RSD	.5878	.4141	.8400	1.291	.2559	.5626	244.8	.0835	2.791
#1	1.195	48.44	46.56	76.35	1.128	.0061	.0002	12.91	-.0038
#2	1.205	48.73	47.11	74.97	1.124	.0060	-.0007	12.89	-.0036

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.119	-.0105	.0499	.0002
Stddev	.007	.0005	.0004	.0002
%RSD	.5965	4.316	.8520	85.21
#1	1.114	-.0102	.0496	.0003
#2	1.123	-.0108	.0502	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78407.	34814.	1612.9	5078.8
Stddev	67.	88.	1.1	4.1
%RSD	.08516	.25167	.07087	.08140
#1	78454.	34752.	1612.0	5075.9
#2	78360.	34876.	1613.7	5081.7

Zoom In Zoom Out

Sample Name: JA61494-1 Acquired: 12/3/2010 0:09:45 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0395	.0000	.0020	.0020	.0011	.0044	.5752	.0092	-.0001
Stddev	.0002	.000	.0000	.0000	.0002	.0001	.0010	.0000	.0000
%RSD	.5654	519.3	1.289	2.257	15.39	2.868	.1783	.2593	22.94
#1	.0393	.0000	.0020	.0019	.0012	.0043	.5759	.0092	-.0001
#2	.0396	.0000	.0020	.0020	.0010	.0045	.5744	.0092	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0014	.1953	-.0021	-.0006	.0008	.0032	.0019	-.0209	216.6
Stddev	.0001	.0001	.0004	.0007	.0005	.0001	.0011	.0078	1.1
%RSD	7.034	.0691	18.34	125.7	55.25	3.246	58.33	37.53	.4885
#1	.0013	.1954	-.0023	-.0001	.0005	.0031	.0027	-.0264	217.3
#2	.0015	.1952	-.0018	-.0011	.0012	.0033	.0011	-.0153	215.8

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1425	24.23	19.24	52.82	1.139	.0059	-.0015	12.99	-.0041
Stddev	.0001	.08	.11	.18	.001	.0001	.0002	.02	.0009
%RSD	.0657	.3493	.5951	.3493	.0500	1.716	12.08	.1161	21.66
#1	.1426	24.17	19.16	52.95	1.139	.0059	-.0014	13.00	-.0035
#2	.1424	24.29	19.32	52.69	1.138	.0058	-.0016	12.98	-.0047

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.135	-.0109	.0259	.0000
Stddev	.004	.0002	.0008	.0001
%RSD	.3584	2.068	2.938	226.2
#1	1.132	-.0107	.0265	.0001
#2	1.138	-.0111	.0254	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79078.	35347.	1642.7	5210.7
Stddev	25.	87.	4.8	13.1
%RSD	.03111	.24490	.29046	.25225
#1	79060.	35286.	1639.3	5201.4
#2	79095.	35409.	1646.1	5220.0

Zoom In Zoom Out

Sample Name: MP55933-SD1 Acquired: 12/3/2010 0:15:48 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0389	.0000	.0010	.0014	.0020	.0090	.6093	.0075	.0005
Stddev	.0004	.0000	.0001	.0004	.0001	.0023	.0169	.0011	.0007
%RSD	1.119	39.12	8.266	29.80	3.748	25.33	2.773	14.75	157.7
#1	.0386	.0000	.0011	.0017	.0020	.0074	.5974	.0067	-.0001
#2	.0393	.0001	.0010	.0011	.0019	.0106	.6213	.0083	.0010

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0026	.2108	-.0005	.0009	.0043	.0020	.0018	.0188	220.4
Stddev	.0008	.0002	.0026	.0026	.0023	.0033	.0000	.0097	.6
%RSD	30.26	.0908	506.9	289.9	52.53	166.1	1.067	51.53	.2909
#1	.0032	.2109	-.0023	-.0010	.0060	-.0003	.0018	.0256	220.0
#2	.0021	.2106	.0013	.0028	.0027	.0043	.0018	.0119	220.9

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1481	23.77	18.54	52.56	1.107	.0061	-.0015	12.62	-.0118
Stddev	.0026	.25	.02	.42	.004	.0001	.0043	.01	.0029
%RSD	1.754	1.057	.0880	.7897	.3566	1.216	293.7	.0523	24.16
#1	.1499	23.59	18.53	52.26	1.104	.0060	-.0045	12.61	-.0098
#2	.1462	23.95	18.55	52.85	1.110	.0061	.0016	12.62	-.0139

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.109	-.0111	.0299	-.0009
Stddev	.006	.0012	.0009	.0003
%RSD	.5712	10.59	2.851	34.46
#1	1.105	-.0103	.0293	-.0007
#2	1.113	-.0119	.0305	-.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80391.	36873.	1758.3	5626.0
Stddev	1964.	79.	.4	6.1
%RSD	2.4432	.21369	.02319	.10870
#1	81780.	36929.	1758.6	5630.3
#2	79003.	36818.	1758.0	5621.7

Zoom In Zoom Out

Sample Name: JA61494-2 Acquired: 12/3/2010 0:21:46 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0381	.0042	.0291	.3089	-.0017	.0213	35.82	.4099	.0107
Stddev	.0000	.0000	.0001	.0008	.0002	.0001	.43	.0014	.0000
%RSD	.1009	.0116	.2025	.2725	10.95	.3781	1.195	.3405	.4620
#1	.0381	.0042	.0290	.3083	-.0016	.0212	35.52	.4089	.0107
#2	.0381	.0042	.0291	.3095	-.0019	.0213	36.12	.4109	.0107

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0019	17.83	.0039	.0042	.0058	.0049	.0022	.1865	576.5
Stddev	.0001	.04	.0013	.0008	.0001	.0003	.0002	.0051	6.4
%RSD	6.674	.2322	32.93	18.24	2.334	6.041	8.366	2.716	1.102
#1	.0018	17.80	.0048	.0048	.0057	.0051	.0021	.1830	572.0
#2	.0020	17.86	.0030	.0037	.0059	.0047	.0023	.1901	581.0

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.3180	171.6	13.09	56.84	1.479	.0034	-.0108	15.83	-.0218
Stddev	.0006	.1	.01	.20	.008	.0001	.0009	.07	.0005
%RSD	.2005	.0799	.0820	.3580	.5488	3.476	8.341	.4104	2.234
#1	.3184	171.7	13.08	56.69	1.474	.0035	-.0102	15.78	-.0215
#2	.3175	171.5	13.10	56.98	1.485	.0034	-.0115	15.88	-.0222

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	2.583	-.0033	.1977	.0004
Stddev	.025	.0002	.0032	.0000
%RSD	.9834	7.238	1.639	2.548
#1	2.601	-.0031	.1954	.0003
#2	2.565	-.0035	.2000	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76629.	33919.	1547.4	4781.2
Stddev	136.	192.	6.8	20.2
%RSD	.17784	.56713	.43625	.42318
#1	76726.	33783.	1552.1	4795.5
#2	76533.	34055.	1542.6	4766.9

Zoom In Zoom Out

Sample Name: JA61494-3 Acquired: 12/3/2010 0:27:59 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0184	.0002	.0211	.0136	.0006	.0237	1.322	.1319	.0025
Stddev	.0003	.0000	.0001	.0000	.0002	.0001	.009	.0003	.0001
%RSD	1.487	3.801	.4482	.2641	30.38	.4025	.6478	.1985	5.586
#1	.0182	.0002	.0210	.0136	.0007	.0236	1.328	.1317	.0026
#2	.0186	.0002	.0212	.0136	.0005	.0237	1.316	.1321	.0024

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0008	6.358	-.0024	-.0046	.0018	.0019	-.0001	-.1195	318.2
Stddev	.0000	.011	.0014	.0002	.0008	.0001	.0004	.0096	8.3
%RSD	2.853	.1766	56.80	4.202	45.85	6.684	551.8	8.027	2.619
#1	.0008	6.351	-.0014	-.0045	.0023	.0019	.0002	-.1127	312.3
#2	.0008	6.366	-.0034	-.0047	.0012	.0020	-.0003	-.1262	324.1

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.768	33.01	20.11	69.20	2.157	.0036	-.0023	24.94	-.0060
Stddev	.030	.53	.28	.19	.005	.0000	.0007	.05	.0007
%RSD	1.708	1.592	1.377	.2694	.2384	.6521	30.83	.2127	10.95
#1	1.747	32.64	19.91	69.07	2.153	.0036	-.0018	24.91	-.0055
#2	1.789	33.38	20.30	69.33	2.161	.0035	-.0028	24.98	-.0065

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.115	-.0227	.0795	.0002
Stddev	.017	.0001	.0012	.0000
%RSD	1.554	.3464	1.475	10.84
#1	1.103	-.0227	.0787	.0002
#2	1.127	-.0228	.0803	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79955.	34903.	1606.4	5066.9
Stddev	147.	356.	2.4	7.1
%RSD	.18441	1.0208	.15166	.14024
#1	79851.	35155.	1608.2	5071.9
#2	80059.	34651.	1604.7	5061.9

Zoom In Zoom Out

Sample Name: JA61494-4 Acquired: 12/3/2010 0:34:06 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2337	.0000	.0001	.0000	.0032	.0054	.0049	.0089	.0000
Stddev	.0004	.000	.0000	.000	.0002	.0001	.0001	.0002	.0003
%RSD	.1652	88.15	17.54	511.1	4.858	1.237	1.728	2.391	786.8
#1	.2334	.0000	.0001	-.0001	.0033	.0054	.0049	.0087	.0003
#2	.2339	.0000	.0001	.0001	.0031	.0055	.0050	.0090	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0165	.0119	.0255	-.0020	.0048	.0010	.0023	.3416	32.04
Stddev	.0002	.0000	.0004	.0001	.0003	.0005	.0002	.0016	.27
%RSD	.9377	.2842	1.650	6.708	5.519	50.57	7.305	.4790	.8346
#1	.0164	.0120	.0258	-.0019	.0050	.0013	.0024	.3404	31.85
#2	.0166	.0119	.0252	-.0021	.0046	.0006	.0022	.3427	32.23

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.3680	.4705	66.25	103.4	.4708	.0434	.0004	14.82	-.0011
Stddev	.0021	.0100	.05	.3	.0035	.0002	.0005	.05	.0000
%RSD	.5837	2.117	.0703	.3207	.7350	.4588	113.4	.3592	1.991
#1	.3665	.4635	66.28	103.2	.4683	.0433	.0008	14.79	-.0011
#2	.3696	.4775	66.21	103.6	.4732	.0436	.0001	14.86	-.0011

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.7443	-.0086	.0206	.0000
Stddev	.0020	.0001	.0003	.0000
%RSD	.2751	.8907	1.579	131.1
#1	.7428	-.0085	.0204	.0000
#2	.7457	-.0086	.0208	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80930.	36117.	1709.8	5383.0
Stddev	236.	35.	5.7	13.9
%RSD	.29162	.09678	.33267	.25891
#1	80763.	36092.	1713.8	5392.8
#2	81097.	36142.	1705.8	5373.1

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 0:40:11 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.116	2.074	2.045	2.058	2.079	2.046	2.111	2.026	.2515
Stddev	.020	.026	.002	.000	.195	.196	.196	.002	.0222
%RSD	.9360	1.270	.1058	.0069	9.362	9.569	9.264	.1027	8.844
#1	2.102	2.056	2.047	2.058	1.942	1.907	1.973	2.024	.2358
#2	2.131	2.093	2.044	2.057	2.217	2.184	2.249	2.027	.2673
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.067	2.058	2.042	2.045	2.028	2.036	2.043	40.20	39.49
Stddev	.194	.000	.003	.006	.002	.003	.001	.42	.67
%RSD	9.377	.0040	.1610	.2849	.0845	.1486	.0702	1.033	1.690
#1	1.930	2.058	2.044	2.041	2.027	2.034	2.044	39.90	39.01
#2	2.204	2.058	2.040	2.049	2.029	2.038	2.042	40.49	39.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.69	39.25	42.61	40.59	2.077	2.067	2.023	5.194	2.060
Stddev	.55	.58	.30	.21	.000	.003	.185	.003	.001
%RSD	1.391	1.485	.6990	.5145	.0017	.1225	9.128	.0641	.0629
#1	39.30	38.84	42.40	40.45	2.076	2.065	1.892	5.192	2.059
#2	40.08	39.66	42.82	40.74	2.077	2.069	2.154	5.196	2.061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 0:40:11 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.088	2.067	F 2.226	F 2.221
Stddev	.015	.196	.009	.208
%RSD	.7279	9.462	.3979	9.353
#1	2.099	1.929	2.219	2.075
#2	2.077	2.206	2.232	2.368
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81432.	36308.	1752.0	5389.9
Stddev	6386.	174.	2.1	5.7
%RSD	7.8423	.47955	.12152	.10506
#1	85948.	36431.	1753.5	5393.9
#2	76916.	36185.	1750.5	5385.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 0:46:02 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0000	.0001	.0000	.0003	.0000	.0000	-.0002	-.0002
Stddev	.0000	.0000	.0000	.000	.0001	.000	.0000	.0002	.0001
%RSD	34.52	3.840	95.74	56.32	36.95	273.4	228.7	99.58	42.06
#1	.0000	.0000	.0000	.0000	.0003	.0000	.0000	-.0001	-.0003
#2	.0001	.0000	.0001	.0000	.0002	-.0001	.0000	-.0004	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0001	-.0003	.0013	-.0006	.0014	-.0001	.0006	-.0044
Stddev	.0001	.0001	.0000	.0005	.0004	.0007	.0001	.0002	.0023
%RSD	47.01	75.67	17.57	36.32	59.73	48.44	162.7	38.63	51.80
#1	.0003	.0001	-.0003	.0010	-.0009	.0019	-.0002	.0004	-.0028
#2	.0002	.0000	-.0002	.0016	-.0004	.0009	.0000	.0008	-.0060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027	.0029	.0194	.2125	.0039	.0018	.0001	.0106	-.0003
Stddev	.0004	.0052	.0086	.0071	.0002	.0004	.0001	.0004	.0005
%RSD	15.63	177.0	44.44	3.318	5.976	23.42	55.71	3.828	159.5
#1	.0030	-.0007	.0255	.2075	.0041	.0021	.0002	.0109	-.0006
#2	.0024	.0066	.0133	.2175	.0038	.0015	.0001	.0103	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 0:46:02 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0006	.0089	.0005
Stddev	.0000	.0002	.0005	.0001
%RSD	209.9	42.21	5.608	14.25
#1	.0000	.0008	.0093	.0006
#2	.0000	.0004	.0086	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84336.	37170.	1811.1	5742.1
Stddev	3.	186.	24.4	79.5
%RSD	.00358	.49933	1.3476	1.3840
#1	84338.	37039.	1793.9	5685.9
#2	84334.	37301.	1828.4	5798.3

Sample Name: JA61494-5 Acquired: 12/3/2010 0:52:06 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2490	.0000	.0006	-.0001	.0002	.0047	.1762	.0059	.0000
Stddev	.0038	.0000	.0000	.0002	.0004	.0001	.0004	.0000	.0002
%RSD	1.511	1017.	6.514	135.2	218.5	3.044	.2268	.4199	1126.
#1	.2517	.0000	.0007	.0000	-.0001	.0048	.1765	.0059	-.0002
#2	.2463	.0000	.0006	-.0003	.0005	.0046	.1760	.0059	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0185	.2139	.0105	-.0011	.0010	.0013	.0017	-.0463	229.3
Stddev	.0003	.0000	.0000	.0001	.0003	.0006	.0008	.0025	2.0
%RSD	1.381	.0146	.1002	5.815	30.22	49.81	45.62	5.483	.8529
#1	.0183	.2139	.0105	-.0012	.0008	.0008	.0011	-.0481	230.7
#2	.0187	.2140	.0105	-.0011	.0012	.0017	.0022	-.0445	227.9

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0750	59.04	7.555	43.42	.4210	.0234	-.0020	11.50	-.0027
Stddev	.0011	1.02	.136	.92	.0008	.0001	.0001	.00	.0003
%RSD	1.518	1.732	1.804	2.112	.1993	.4394	3.411	.0123	10.31
#1	.0758	59.76	7.651	44.07	.4204	.0233	-.0020	11.50	-.0029
#2	.0742	58.32	7.458	42.77	.4216	.0234	-.0020	11.49	-.0025

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	3.566	-.0092	.0310	.0021
Stddev	.026	.0007	.0006	.0001
%RSD	.7317	7.718	2.051	2.488
#1	3.585	-.0087	.0306	.0021
#2	3.548	-.0097	.0315	.0020

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78524.	35213.	1631.1	5155.2
Stddev	84.	684.	1.1	5.3
%RSD	.10744	1.9429	.06675	.10237
#1	78464.	34729.	1630.3	5151.5
#2	78583.	35697.	1631.8	5158.9

Sample Name: JA61494-6 Acquired: 12/3/2010 0:58:15 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0000	.0002	-.0001	.0005	.0004	.0001	-.0003	.0001
Stddev	.0000	.000	.0000	.0000	.0002	.0001	.0000	.0001	.0002
%RSD	8.609	1009.	21.07	2.770	45.74	29.38	11.29	28.40	302.9
#1	.0001	.0000	.0002	-.0001	.0003	.0003	.0001	-.0002	-.0001
#2	.0001	.0000	.0002	-.0001	.0006	.0005	.0001	-.0004	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0006	-.0004	-.0011	-.0005	.0017	.0005	.0006	.0228
Stddev	.0000	.0002	.0002	.0004	.0006	.0001	.0000	.0010	.0013
%RSD	39.02	28.06	47.37	37.95	112.9	4.067	8.028	173.3	5.576
#1	.0001	.0004	-.0003	-.0008	-.0001	.0016	.0005	-.0001	.0237
#2	.0000	.0007	-.0006	-.0014	-.0009	.0017	.0005	.0012	.0219

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0050	.0122	.0163	.2057	.0042	.0002	.0000	.0162	-.0002
Stddev	.0007	.0053	.0027	.0169	.0004	.0001	.0003	.0002	.0004
%RSD	13.71	43.68	16.28	8.223	10.12	34.85	519.7	1.403	250.7
#1	.0055	.0084	.0182	.2177	.0045	.0003	.0002	.0160	.0001
#2	.0046	.0160	.0145	.1938	.0039	.0002	-.0001	.0163	-.0005

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	-.0001	.0063	.0001
Stddev	.0000	.0001	.0000	.0001
%RSD	31.40	120.3	.7184	125.2
#1	.0001	.0000	.0063	.0000
#2	.0000	-.0001	.0063	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82867.	36142.	1781.9	5707.0
Stddev	134.	1019.	5.7	12.0
%RSD	.16191	2.8192	.31723	.20976
#1	82773.	35421.	1785.9	5715.4
#2	82962.	36862.	1777.9	5698.5

Sample Name: JA61494-7 Acquired: 12/3/2010 1:04:17 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2470	.0000	.0003	-.0005	.0007	.0046	.0014	.0026	-.0001
Stddev	.0004	.000	.0000	.0000	.0003	.0000	.0000	.0000	.0000
%RSD	.1530	56.85	5.213	8.555	34.89	.5496	3.206	.7974	13.30
#1	.2467	.0000	.0003	-.0004	.0009	.0046	.0015	.0026	-.0001
#2	.2473	.0000	.0003	-.0005	.0005	.0046	.0014	.0026	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0010	.0141	.0066	-.0006	.0014	.0011	.0010	.0347	119.1
Stddev	.0004	.0001	.0004	.0007	.0003	.0003	.0007	.0045	.2
%RSD	37.85	.6396	5.932	119.1	20.44	23.54	65.71	13.01	.1327
#1	.0012	.0142	.0069	-.0001	.0012	.0013	.0015	.0315	119.0
#2	.0007	.0141	.0063	-.0011	.0017	.0009	.0005	.0379	119.2

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1692	.0776	38.20	83.94	.2788	.0371	-.0002	14.46	-.0028
Stddev	.0005	.0035	.13	1.76	.0004	.0002	.0004	.05	.0004
%RSD	.3108	4.506	.3489	2.101	.1308	.6251	199.3	.3290	13.73
#1	.1688	.0801	38.10	82.69	.2785	.0370	.0001	14.42	-.0030
#2	.1695	.0752	38.29	85.19	.2791	.0373	-.0005	14.49	-.0025

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	3.932	-.0112	.0258	.0012
Stddev	.055	.0000	.0001	.0001
%RSD	1.390	.0066	.1953	9.331
#1	3.894	-.0112	.0258	.0011
#2	3.971	-.0112	.0259	.0013

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80229.	35548.	1679.7	5297.8
Stddev	200.	71.	7.4	6.7
%RSD	.24927	.19959	.43840	.12637
#1	80088.	35498.	1684.9	5302.5
#2	80371.	35598.	1674.4	5293.0

Sample Name: JA61494-8 Acquired: 12/3/2010 1:10:28 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	18.45	-.0003	.0020	-.0104	.0006	.0008	.0452	.0023	.0000
Stddev	.16	.0000	.0000	.0002	.0002	.0003	.0004	.0001	.0000
%RSD	.8846	1.527	1.428	1.890	31.85	41.49	.8303	4.647	132.2
#1	18.34	-.0003	.0020	-.0105	.0005	.0010	.0449	.0023	.0001
#2	18.57	-.0003	.0020	-.0102	.0007	.0006	.0454	.0024	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0015	-.0013	.0011	-.0003	.0010	-.0004	.0007	-.0606	295.9
Stddev	.0002	.0003	.0006	.0001	.0000	.0006	.0005	.0006	7.0
%RSD	12.98	23.16	51.40	34.41	1.683	165.8	71.03	.9141	2.375
#1	.0013	-.0011	.0015	-.0004	.0011	.0001	.0010	-.0602	300.9
#2	.0016	-.0016	.0007	-.0003	.0010	-.0008	.0003	-.0610	291.0

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1217	10.25	9.824	620.8	.2785	.0214	-.0039	5.467	-.0017
Stddev	.0007	.17	.102	3.1	.0004	.0001	.0001	.016	.0002
%RSD	.5812	1.689	1.040	.5020	.1319	.5930	2.843	.2959	10.52
#1	.1222	10.37	9.897	618.6	.2787	.0213	-.0040	5.456	-.0016
#2	.1212	10.12	9.752	623.0	.2782	.0215	-.0039	5.479	-.0019

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	7.349	-.0039	.0560	-.0001
Stddev	.096	.0005	.0001	.0000
%RSD	1.312	13.18	.2160	12.79
#1	7.417	-.0036	.0561	-.0001
#2	7.280	-.0043	.0559	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77255.	33999.	1563.1	4634.2
Stddev	38.	556.	.6	8.6
%RSD	.04949	1.6352	.03535	.18586
#1	77228.	33606.	1563.5	4640.3
#2	77282.	34392.	1562.7	4628.1

Zoom In Zoom Out

Sample Name: JA61557-1 Acquired: 12/3/2010 1:16:51 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0778	.0002	.0002	.0014	.0091	.0061	.1021	.0037	.0001
Stddev	.0006	.0000	.0001	.0000	.0002	.0005	.0002	.0003	.0002
%RSD	.7337	19.34	37.21	1.103	1.885	8.566	.2312	9.019	128.0
#1	.0774	.0002	.0001	.0014	.0092	.0057	.1019	.0035	.0003
#2	.0782	.0002	.0002	.0014	.0090	.0064	.1022	.0039	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0071	.0301	-.0020	-.0019	.0030	.0008	.0010	2.515	59.81
Stddev	.0000	.0003	.0002	.0002	.0011	.0000	.0001	.014	.54
%RSD	.4215	.9818	10.82	9.996	35.26	.9831	5.820	.5519	.9085
#1	.0071	.0303	-.0021	-.0020	.0037	.0008	.0010	2.505	59.42
#2	.0070	.0299	-.0018	-.0018	.0022	.0008	.0009	2.525	60.19

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	4.644	27.88	2.327	18.32	.0330	.0010	.0005	13.77	-.0033
Stddev	.039	.24	.025	.21	.0006	.0000	.0002	.04	.0004
%RSD	.8449	.8631	1.076	1.125	1.922	.6930	44.05	.2841	11.72
#1	4.617	27.71	2.309	18.17	.0326	.0010	.0004	13.74	-.0030
#2	4.672	28.05	2.344	18.46	.0335	.0010	.0007	13.79	-.0035

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2284	.1246	.0178	.0006
Stddev	.0015	.0004	.0005	.0001
%RSD	.6646	.3017	2.904	8.950
#1	.2273	.1248	.0181	.0006
#2	.2295	.1243	.0174	.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81643.	36284.	1724.6	5459.6
Stddev	140.	80.	9.5	17.4
%RSD	.17148	.21974	.55129	.31927
#1	81742.	36340.	1731.3	5471.9
#2	81544.	36227.	1717.9	5447.3

Zoom In Zoom Out

Sample Name: JA61557-3 Acquired: 12/3/2010 1:22:49 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2562	.0000	.0003	-.0003	.0011	.0005	.2088	.0084	.0004
Stddev	.0089	.000	.0001	.0001	.0001	.0006	.0159	.0003	.0001
%RSD	3.471	81.61	37.57	17.62	6.547	111.2	7.632	2.973	19.78
#1	.2499	.0000	.0004	-.0004	.0011	.0010	.2200	.0083	.0003
#2	.2625	.0000	.0002	-.0003	.0010	.0001	.1975	.0086	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0028	.0030	-.0017	-.0013	.0013	.0011	.0016	.2235	188.9
Stddev	.0002	.0003	.0006	.0003	.0000	.0002	.0004	.0044	7.8
%RSD	5.690	9.380	32.99	24.14	2.373	18.39	22.55	1.957	4.118
#1	.0026	.0028	-.0013	-.0015	.0012	.0013	.0014	.2204	183.4
#2	.0029	.0032	-.0021	-.0011	.0013	.0010	.0019	.2266	194.4

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.227	93.60	5.858	87.05	.2448	.0031	-.0009	15.42	-.0043
Stddev	.043	3.19	.198	1.65	.0001	.0001	.0008	.05	.0004
%RSD	3.531	3.406	3.380	1.892	.0518	4.745	93.71	.3121	8.560
#1	1.197	91.35	5.718	85.88	.2447	.0032	-.0003	15.38	-.0041
#2	1.258	95.86	5.998	88.21	.2449	.0030	-.0015	15.45	-.0046

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	2.172	-.0034	.0261	.0002
Stddev	.075	.0010	.0013	.0000
%RSD	3.478	28.84	5.063	16.92
#1	2.119	-.0027	.0251	.0001
#2	2.225	-.0041	.0270	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76583.	34235.	1628.9	5095.0
Stddev	5545.	877.	1.6	13.3
%RSD	7.2408	2.5605	.09631	.26082
#1	72662.	34855.	1630.0	5104.4
#2	80504.	33615.	1627.8	5085.6

Zoom In Zoom Out

Sample Name: JA61557-5 Acquired: 12/3/2010 1:28:59 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0365	.0001	.0001	.0029	.0003	.0015	2.525	.0013	.0003
Stddev	.0005	.0000	.0001	.0001	.0002	.0001	.010	.0003	.0005
%RSD	1.484	3.586	119.2	4.311	51.91	9.016	.3886	21.17	162.4
#1	.0369	.0001	.0000	.0028	.0005	.0016	2.518	.0011	.0000
#2	.0361	.0001	.0001	.0030	.0002	.0014	2.532	.0015	.0006

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0014	.0015	-.0012	-.0028	.0007	.0006	.0006	.1156	70.44
Stddev	.0001	.0002	.0004	.0005	.0013	.0004	.0005	.0024	1.51
%RSD	4.001	15.71	36.10	19.34	167.6	61.72	83.94	2.055	2.140
#1	.0014	.0016	-.0015	-.0032	-.0001	.0004	.0010	.1173	71.50
#2	.0015	.0013	-.0009	-.0024	.0016	.0009	.0002	.1140	69.37

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	4.330	11.46	2.607	21.94	.0738	.0004	-.0011	6.253	-.0039
Stddev	.081	.22	.034	.21	.0005	.0001	.0003	.013	.0005
%RSD	1.858	1.903	1.306	.9496	.6556	32.56	30.22	.2000	12.29
#1	4.386	11.61	2.631	22.09	.0734	.0005	-.0009	6.245	-.0043
#2	4.273	11.31	2.583	21.79	.0741	.0003	-.0013	6.262	-.0036

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2822	-.0006	.0138	.0008
Stddev	.0045	.0002	.0002	.0001
%RSD	1.608	33.03	1.696	11.92
#1	.2854	-.0008	.0136	.0009
#2	.2790	-.0005	.0139	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81237.	35637.	1712.8	5458.9
Stddev	148.	732.	2.1	.6
%RSD	.18228	2.0553	.11978	.01088
#1	81342.	35119.	1714.2	5459.3
#2	81133.	36155.	1711.3	5458.5

Zoom In Zoom Out

Sample Name: JA61557-6 Acquired: 12/3/2010 1:34:58 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2075	.0000	.0001	-.0005	.0034	.0000	.0003	.0031	-.0002
Stddev	.0016	.000	.0000	.0000	.0000	.000	.0001	.0003	.0001
%RSD	.7603	14.22	28.41	.0139	.1724	241.9	26.37	8.382	54.90
#1	.2064	.0000	.0001	-.0005	.0034	-.0001	.0003	.0029	-.0003
#2	.2086	.0000	.0001	-.0005	.0034	.0000	.0002	.0032	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0018	.0008	-.0033	-.0015	.0006	.0008	.0008	-.0543	169.6
Stddev	.0003	.0000	.0000	.0004	.0000	.0005	.0002	.0066	3.8
%RSD	15.63	.6515	1.151	23.75	3.247	59.72	24.61	12.17	2.219
#1	.0020	.0008	-.0033	-.0017	.0006	.0011	.0010	-.0590	166.9
#2	.0016	.0008	-.0033	-.0012	.0006	.0005	.0007	-.0496	172.2

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0568	67.07	6.200	310.2	.1069	.0018	.0000	13.90	-.0036
Stddev	.0009	.30	.036	2.1	.0001	.0001	.000	.00	.0009
%RSD	1.592	.4508	.5839	.6769	.0813	3.710	3734.	.0328	24.75
#1	.0561	66.86	6.174	308.8	.1070	.0017	-.0002	13.91	-.0043
#2	.0574	67.29	6.225	311.7	.1069	.0018	.0002	13.90	-.0030

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.7782	-.0125	.0223	.0001
Stddev	.0048	.0001	.0004	.0001
%RSD	.6171	.5146	1.619	111.3
#1	.7748	-.0125	.0220	.0002
#2	.7816	-.0126	.0225	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78462.	34602.	1616.5	4943.0
Stddev	240.	11.	.6	5.2
%RSD	.30560	.03166	.03586	.10513
#1	78292.	34610.	1616.1	4939.4
#2	78632.	34595.	1616.9	4946.7

Zoom In Zoom Out

Sample Name: JA61557-7 Acquired: 12/3/2010 1:41:07 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1369	.0000	.0001	-.0002	.0015	.0018	.0127	.0016	.0000
Stddev	.0014	.000	.0000	.0000	.0000	.0005	.0007	.0001	.0001
%RSD	1.041	10.64	18.00	6.144	2.647	27.72	5.315	7.060	531.6
#1	.1359	.0000	.0002	-.0002	.0015	.0015	.0122	.0016	.0001
#2	.1379	.0000	.0001	-.0002	.0015	.0022	.0131	.0017	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0020	.0024	-.0023	-.0017	.0007	.0015	.0009	.2964	44.09
Stddev	.0002	.0001	.0002	.0004	.0006	.0002	.0002	.0007	.37
%RSD	11.91	2.804	8.536	21.09	76.01	13.88	16.19	.2292	.8359
#1	.0018	.0025	-.0022	-.0014	.0003	.0017	.0011	.2959	43.83
#2	.0021	.0024	-.0025	-.0019	.0011	.0014	.0008	.2969	44.35

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.4766	21.04	33.80	79.36	.1755	.0008	.0002	9.012	-.0022
Stddev	.0049	.19	.36	.26	.0001	.0000	.0002	.003	.0000
%RSD	1.026	.9260	1.063	.3286	.0502	2.709	149.7	.0280	1.766
#1	.4732	20.90	33.55	79.17	.1754	.0008	.0000	9.011	-.0021
#2	.4801	21.17	34.05	79.54	.1756	.0007	.0003	9.014	-.0022

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2248	.0062	.0130	.0003
Stddev	.0021	.0007	.0004	.0001
%RSD	.9397	11.21	2.877	35.22
#1	.2233	.0057	.0133	.0003
#2	.2263	.0067	.0127	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78927.	35815.	1716.8	5410.2
Stddev	3792.	104.	1.3	7.3
%RSD	4.8041	.29092	.07576	.13403
#1	81608.	35889.	1717.7	5415.3
#2	76246.	35741.	1715.9	5405.0

Zoom In Zoom Out

Sample Name: JA61557-9 Acquired: 12/3/2010 1:47:12 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.4125	.0002	.0003	.0008	.0040	.0013	7.356	.0073	.0011
Stddev	.0155	.0000	.0001	.0001	.0000	.0002	.078	.0001	.0000
%RSD	3.751	5.027	18.83	15.49	.6387	17.75	1.061	1.887	2.660
#1	.4234	.0002	.0003	.0007	.0040	.0012	7.301	.0074	.0011
#2	.4015	.0002	.0003	.0008	.0041	.0015	7.411	.0072	.0011

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0039	-.0017	.0056	-.0022	.0010	-.0007	.0002	.4369	143.8
Stddev	.0000	.0002	.0001	.0001	.0002	.0009	.0003	.0183	6.6
%RSD	.7864	11.47	1.575	5.052	16.66	117.9	162.3	4.192	4.586
#1	.0040	-.0019	.0057	-.0021	.0012	-.0014	.0000	.4498	148.5
#2	.0039	-.0016	.0055	-.0023	.0009	-.0001	.0004	.4239	139.2

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	16.56	65.62	8.377	830.0	.1785	.0021	-.0037	12.49	-.0073
Stddev	.73	2.89	.272	24.6	.0000	.0001	.0005	.03	.0005
%RSD	4.400	4.412	3.251	2.958	.0082	6.242	14.09	.2124	6.850
#1	17.07	67.67	8.570	847.3	.1785	.0020	-.0034	12.47	-.0077
#2	16.04	63.57	8.184	812.6	.1785	.0022	-.0041	12.51	-.0070

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.7542	.0042	.0266	.0013
Stddev	.0291	.0004	.0004	.0002
%RSD	3.853	9.557	1.586	17.24
#1	.7747	.0045	.0263	.0015
#2	.7336	.0039	.0269	.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77173.	32994.	1585.4	4643.5
Stddev	161.	1343.	4.6	7.2
%RSD	.20839	4.0715	.29149	.15442
#1	77287.	32044.	1588.6	4648.6
#2	77059.	33944.	1582.1	4638.5

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 1:53:26 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.121	2.069	2.051	2.065	2.048	2.047	2.072	2.040	.2502
Stddev	.012	.013	.003	.002	.005	.021	.004	.006	.0014
%RSD	.5747	.6197	.1255	.0804	.2459	1.003	.1860	.2745	.5635
#1	2.113	2.060	2.053	2.067	2.051	2.062	2.075	2.044	.2512
#2	2.130	2.078	2.049	2.064	2.044	2.033	2.070	2.036	.2492
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.036	2.060	2.052	2.050	2.039	2.046	2.050	40.25	39.23
Stddev	.005	.006	.003	.003	.005	.005	.001	.25	.27
%RSD	.2710	.3049	.1302	.1537	.2710	.2427	.0284	.6199	.6800
#1	2.039	2.065	2.050	2.052	2.043	2.042	2.050	40.07	39.04
#2	2.032	2.056	2.054	2.047	2.035	2.049	2.051	40.42	39.42
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.48	39.05	42.69	41.16	2.108	2.076	2.016	5.211	2.068
Stddev	.30	.31	.22	.12	.005	.003	.020	.006	.003
%RSD	.7531	.8033	.5153	.3003	.2239	.1357	1.004	.1191	.1517
#1	39.27	38.82	42.54	41.07	2.104	2.074	2.030	5.207	2.070
#2	39.69	39.27	42.85	41.25	2.111	2.078	2.002	5.216	2.066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 1:53:26 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.113	2.038	F 2.229	F 2.210
Stddev	.012	.006	.000	.010
%RSD	.5712	.2820	.0011	.4333
#1	2.105	2.042	2.229	2.216
#2	2.122	2.034	2.229	2.203
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81917.	36335.	1745.3	5361.0
Stddev	499.	8.	5.0	3.1
%RSD	.60862	.02077	.28586	.05732
#1	81564.	36341.	1748.8	5363.1
#2	82270.	36330.	1741.8	5358.8

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 1:59:14 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0001	.0000	.0000	.0002	.0003	.0000	-.0001	-.0001
Stddev	.0000	.0000	.0001	.000	.0001	.0000	.0000	.0002	.0003
%RSD	42.89	14.68	132.2	734.5	60.50	9.273	75.27	168.6	337.2
#1	.0000	.0001	.0000	.0000	.0003	.0003	.0000	.0000	-.0003
#2	.0001	.0000	.0001	-.0001	.0001	.0003	.0000	-.0002	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0001	.0002	.0016	.0003	.0012	.0005	-.0002	-.0040
Stddev	.0000	.0000	.0004	.0002	.0004	.0003	.0006	.0005	.0006
%RSD	2.012	2.455	267.2	9.523	150.8	23.01	113.8	334.1	14.09
#1	.0006	.0001	-.0001	.0015	.0006	.0014	.0009	.0002	-.0044
#2	.0006	.0001	.0004	.0018	.0000	.0010	.0001	-.0005	-.0036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031	.0046	.0100	.1544	.0022	.0017	.0003	.0065	-.0004
Stddev	.0007	.0023	.0021	.0011	.0004	.0004	.0002	.0007	.0003
%RSD	21.47	49.01	20.63	.6941	16.59	24.56	48.31	10.38	80.10
#1	.0026	.0062	.0086	.1536	.0025	.0020	.0002	.0060	-.0007
#2	.0035	.0030	.0115	.1552	.0019	.0014	.0004	.0070	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 1:59:14 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0006	.0090	.0006
Stddev	.0000	.0001	.0001	.0001
%RSD	3.922	11.19	1.042	9.204
#1	.0000	.0007	.0091	.0006
#2	.0000	.0006	.0090	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84054.	36500.	1813.6	5745.4
Stddev	46.	355.	5.5	3.0
%RSD	.05448	.97130	.30364	.05172
#1	84087.	36249.	1809.7	5747.5
#2	84022.	36750.	1817.5	5743.3

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/3/2010 2:05:18 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0040	.0000	-.0005	.0019	.0003	.0004	-.0003	.0014	.0007
Stddev	.0001	.000	.0001	.0003	.0001	.0005	.0000	.0003	.0003
%RSD	2.109	35.80	14.36	15.11	45.40	119.0	5.155	18.52	43.39
#1	-.0039	.0000	-.0005	.0017	.0002	.0001	-.0003	.0012	.0005
#2	-.0040	.0000	-.0006	.0021	.0003	.0007	-.0003	.0016	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	-.0005	.0031	-.0019	-.0012	-.0023	-.0007	505.9	379.6
Stddev	.0001	.0003	.0001	.0009	.0006	.0040	.0007	5.9	3.1
%RSD	8.728	68.14	2.403	46.34	51.15	172.4	107.1	1.164	.8182
#1	.0018	-.0007	.0032	-.0025	-.0008	.0005	-.0002	501.7	377.4
#2	.0016	-.0002	.0031	-.0013	-.0016	-.0052	-.0012	510.0	381.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	181.4	504.7	-.0214	.6078	-.0035	.0017	-.0412	-.0076	-.0064
Stddev	1.6	4.5	.0031	.0149	.0010	.0001	.0019	.0007	.0018
%RSD	.8926	.8951	14.43	2.448	29.31	3.607	4.637	9.234	28.69
#1	180.3	501.5	-.0193	.5973	-.0042	.0016	-.0425	-.0081	-.0077
#2	182.5	507.9	-.0236	.6183	-.0027	.0017	-.0398	-.0071	-.0051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/3/2010 2:05:18 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	.0035	.0407	.0049
Stddev	.0000	.0001	.0010	.0004
%RSD	1.895	3.901	2.434	7.317
#1	.0006	.0036	.0400	.0047
#2	.0007	.0034	.0414	.0052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75723.	34182.	1596.6	4606.6
Stddev	335.	109.	7.7	12.9
%RSD	.44175	.32002	.48412	.28009
#1	75487.	34260.	1591.1	4597.5
#2	75960.	34105.	1602.0	4615.8

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/3/2010 2:11:26 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5315	.4975	1.080	.4791	.4986	.5421	.5021	.9939	1.102
Stddev	.0055	.0032	.004	.0019	.0015	.0019	.0000	.0030	.001
%RSD	1.042	.6365	.3986	.4057	.3075	.3518	.0096	.3054	.0475
#1	.5275	.4953	1.083	.4805	.4975	.5435	.5020	.9961	1.102
#2	.5354	.4997	1.077	.4777	.4997	.5408	.5021	.9918	1.101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4971	.9077	1.027	.9583	1.009	.9788	1.051	511.1	380.1
Stddev	.0004	.0047	.003	.0021	.005	.0012	.003	8.0	7.3
%RSD	.0806	.5211	.2757	.2201	.4530	.1201	.2342	1.558	1.931
#1	.4968	.9110	1.025	.9598	1.012	.9797	1.053	505.5	374.9
#2	.4974	.9043	1.029	.9568	1.006	.9780	1.050	516.7	385.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	182.7	509.4	-.0195	.5959	-.0187	.4985	.5201	-.0096	-.0065
Stddev	1.2	3.2	.0013	.0179	.0005	.0001	.0004	.0001	.0006
%RSD	.6555	.6219	6.597	3.005	2.608	.0289	.0707	1.423	8.758
#1	181.8	507.2	-.0204	.5833	-.0184	.4986	.5204	-.0095	-.0069
#2	183.5	511.7	-.0186	.6086	-.0191	.4984	.5198	-.0097	-.0061
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/3/2010 2:11:26 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0008	.0030	.5450	.4176
Stddev	.0001	.0003	.0008	.0081
%RSD	6.720	10.43	.1420	1.950
#1	.0008	.0033	.5445	.4118
#2	.0008	.0028	.5456	.4233
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74537.	33936.	1581.9	4570.8
Stddev	188.	141.	.5	1.8
%RSD	.25255	.41627	.02851	.03890
#1	74404.	34036.	1581.6	4569.5
#2	74671.	33836.	1582.3	4572.0

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 2:17:28 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.162	2.104	2.048	2.066	2.044	2.066	2.074	2.046	.2504
Stddev	.005	.008	.004	.003	.008	.017	.008	.009	.0011
%RSD	.2487	.3896	.1730	.1595	.4096	.8119	.3717	.4648	.4330
#1	2.158	2.098	2.046	2.063	2.038	2.054	2.069	2.040	.2496
#2	2.166	2.110	2.051	2.068	2.050	2.078	2.080	2.053	.2512
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.044	2.062	2.054	2.050	2.047	2.043	2.047	41.10	39.89
Stddev	.007	.005	.007	.005	.005	.006	.004	.13	.10
%RSD	.3536	.2548	.3635	.2536	.2635	.2887	.1942	.3124	.2488
#1	2.039	2.059	2.048	2.046	2.043	2.039	2.044	41.01	39.82
#2	2.050	2.066	2.059	2.053	2.050	2.047	2.050	41.19	39.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.10	39.68	43.53	42.24	2.115	2.077	2.029	5.214	2.066
Stddev	.14	.18	.10	.09	.012	.006	.011	.014	.009
%RSD	.3495	.4661	.2214	.2244	.5452	.3059	.5367	.2585	.4533
#1	40.00	39.55	43.46	42.31	2.107	2.072	2.021	5.205	2.060
#2	40.20	39.81	43.60	42.18	2.123	2.081	2.036	5.224	2.073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 2:17:28 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.119	2.048	F 2.239	F 2.247
Stddev	.038	.013	.007	.005
%RSD	1.777	.6360	.2937	.2160
#1	2.146	2.039	2.235	2.244
#2	2.092	2.057	2.244	2.250
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81784.	35659.	1748.7	5360.6
Stddev	512.	99.	.9	12.5
%RSD	.62604	.27856	.05116	.23342
#1	82146.	35589.	1749.3	5369.4
#2	81422.	35730.	1748.1	5351.7

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 2:23:19 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0002	.0000	.0004	.0005	.0001	-.0001	-.0001
Stddev	.0000	.0000	.0000	.000	.0001	.0002	.0000	.0001	.0000
%RSD	23.00	46.79	5.850	64.35	11.89	48.86	28.97	98.61	79.28
#1	.0000	.0000	.0001	-.0001	.0005	.0006	.0001	-.0001	-.0001
#2	.0000	.0001	.0002	.0000	.0004	.0003	.0001	.0000	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0001	-.0001	.0018	.0007	.0011	.0008	.0023	-.0026
Stddev	.0001	.0003	.0002	.0003	.0004	.0003	.0005	.0006	.0015
%RSD	37.13	439.3	428.9	14.97	63.48	24.49	62.96	27.77	58.97
#1	.0004	.0002	-.0002	.0020	.0004	.0013	.0012	.0019	-.0037
#2	.0003	-.0001	.0001	.0016	.0009	.0009	.0005	.0028	-.0015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039	.0036	.0090	.0964	.0026	.0019	.0001	.0058	-.0005
Stddev	.0001	.0048	.0080	.0062	.0003	.0004	.0009	.0002	.0004
%RSD	1.842	134.1	89.04	6.440	12.99	20.02	823.9	3.096	76.00
#1	.0040	.0002	.0033	.0920	.0028	.0022	-.0005	.0057	-.0002
#2	.0039	.0070	.0146	.1008	.0023	.0016	.0008	.0059	-.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 2:23:19 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0005	.0106	.0007
Stddev	.0000	.0003	.0008	.0001
%RSD	235.8	54.29	7.887	18.25
#1	.0000	.0003	.0112	.0007
#2	.0000	.0007	.0100	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83523.	37234.	1810.6	5734.0
Stddev	389.	224.	15.3	55.5
%RSD	.46560	.60235	.84558	.96843
#1	83248.	37393.	1821.4	5773.2
#2	83798.	37076.	1799.8	5694.7

Zoom In Zoom Out

Sample Name: AS5PPMCONF Acquired: 12/3/2010 2:29:22 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0000	-.0004	.0000	.0003	.0002	-.0009	-.0003	.0001
Stddev	.0000	.000	.0001	.000	.0000	.0002	.0000	.0002	.0002
%RSD	61.14	116.0	36.05	483.5	16.01	105.4	1.702	54.78	162.2
#1	.0000	.0000	-.0005	.0001	.0002	.0000	-.0009	-.0004	.0003
#2	.0000	.0000	-.0003	-.0001	.0003	.0003	-.0009	-.0002	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	.0007	4.859	.0010	-.0001	.0002	.0009	.0015	.0077
Stddev	.0001	.0000	.075	.0003	.0004	.0004	.0007	.0008	.0008
%RSD	13.33	.8891	1.549	27.55	335.0	170.1	77.34	53.17	10.59
#1	.0004	.0007	4.912	.0008	.0002	.0005	.0004	.0020	.0083
#2	.0003	.0007	4.806	.0012	-.0004	.0000	.0014	.0009	.0071

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0031	-.0016	-.0029	.0888	.0016	.0007	.0003	.0083	-.0002
Stddev	.0003	.0016	.0046	.0029	.0001	.0000	.0001	.0004	.0003
%RSD	9.040	98.26	156.9	3.235	5.966	2.893	29.69	4.278	149.8
#1	.0029	-.0027	-.0062	.0868	.0015	.0007	.0002	.0086	-.0005
#2	.0033	-.0005	.0003	.0908	.0016	.0007	.0003	.0081	.0000

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	.0000	.0319	.0001
Stddev	.0000	.000	.0012	.0001
%RSD	59.94	991.4	3.785	116.4
#1	.0000	.0002	.0328	.0000
#2	.0001	-.0002	.0310	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83535.	36565.	1798.0	5707.4
Stddev	119.	130.	23.1	69.0
%RSD	.14255	.35450	1.2846	1.2097
#1	83619.	36657.	1781.6	5658.5
#2	83451.	36473.	1814.3	5756.2

Zoom In Zoom Out

Sample Name: JA59879-5AUBF Acquired: 12/3/2010 2:35:22 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0067	.0001	.0009	.0006	2.797	.0100	.0073	.0131	.0044
Stddev	.0001	.0000	.0002	.0003	.007	.0002	.0000	.0005	.0005
%RSD	.7713	61.49	18.42	49.58	.2666	1.675	.4968	3.513	11.55
#1	.0066	.0000	.0010	.0004	2.802	.0098	.0073	.0128	.0040
#2	.0067	.0001	.0008	.0008	2.792	.0101	.0073	.0135	.0047

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0176	.0386	.0001	-.0087	8.423	.0090	-.0058	.4262	.8478
Stddev	.0001	.0002	.0023	.0017	.001	.0033	.0004	.0028	.0029
%RSD	.5147	.4176	3889.	19.80	.0067	36.71	7.409	.6482	.3404
#1	.0176	.0385	.0017	-.0075	8.424	.0066	-.0055	.4281	.8458
#2	.0177	.0387	-.0016	-.0099	8.423	.0113	-.0061	.4242	.8499

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0800	4.152	209.0	*****	8.485	.0211	-.0020	64.64	.0020
Stddev	.0007	.025	.8	-----	.014	.0002	.0010	.19	.0009
%RSD	.8491	.6153	.3969	-----	.1673	.9243	48.14	.2920	45.55
#1	.0795	4.134	209.6	-----	8.475	.0210	-.0013	64.50	.0013
#2	.0804	4.170	208.5	-----	8.495	.0212	-.0027	64.77	.0026

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0113	.0020	.0313	.0185
Stddev	.0001	.0002	.0000	.0030
%RSD	.8723	11.82	.1334	16.47
#1	.0114	.0022	.0314	.0206
#2	.0113	.0019	.0313	.0163

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71290.	31531.	1459.7	3828.2
Stddev	136.	116.	4.4	10.2
%RSD	.19008	.36912	.30450	.26696
#1	71385.	31448.	1462.8	3835.4
#2	71194.	31613.	1456.6	3820.9

Zoom In Zoom Out

Sample Name: SI10PPMCONF Acquired: 12/3/2010 2:41:24 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0000	.0001	-.0001	-.0001	-.0007	-.0004	.0002	-.0002
Stddev	.0000	.000	.0000	.0000	.0001	.0000	.0000	.0000	.0000
%RSD	3.028	438.5	1.500	11.66	72.55	1.147	.8591	6.797	3.403
#1	.0000	.0000	.0001	-.0001	.0000	-.0007	-.0004	.0002	-.0002
#2	.0000	.0000	.0001	-.0001	-.0002	-.0008	-.0004	.0002	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0011	-.0017	.0001	.0007	.0010	.0008	-.0237	.0031
Stddev	.0002	.0000	.0001	.0006	.0002	.0005	.0000	.0023	.0005
%RSD	93.45	4.378	6.680	389.8	31.82	51.47	6.072	9.769	16.57
#1	.0004	.0011	-.0016	.0006	.0005	.0014	.0008	-.0254	.0034
#2	.0001	.0011	-.0017	-.0003	.0009	.0006	.0008	-.0221	.0027

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0145	.0039	.0992	.5607	.0043	.0004	.0005	10.24	-.0016
Stddev	.0002	.0040	.0022	.0156	.0010	.0000	.0002	.07	.0002
%RSD	1.721	102.5	2.217	2.789	23.34	3.638	48.05	.6565	11.30
#1	.0147	.0011	.1008	.5718	.0050	.0004	.0003	10.29	-.0017
#2	.0143	.0067	.0977	.5497	.0036	.0004	.0006	10.19	-.0015

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	-.0092	.0143	.0086
Stddev	.0000	.0004	.0000	.0013
%RSD	77.73	4.077	.2980	14.67
#1	.0000	-.0095	.0143	.0095
#2	.0001	-.0090	.0143	.0077

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83949.	36596.	1800.0	5734.2
Stddev	844.	63.	9.0	35.5
%RSD	1.0052	.17248	.50193	.61917
#1	83353.	36641.	1793.6	5709.1
#2	84546.	36551.	1806.3	5759.3

Zoom In Zoom Out

Sample Name: MN10PPMCONF Acquired: 12/3/2010 2:47:27 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0003	.0003	-.0001	-.0011	.0004	9.554	.0002	.0006
Stddev	.0000	.0000	.0000	.0000	.0003	.0000	.042	.0001	.0000
%RSD	22.62	4.853	11.10	13.10	31.03	9.170	.4407	46.53	8.478
#1	.0000	.0003	.0003	-.0001	-.0009	.0004	9.524	.0001	.0006
#2	.0000	.0003	.0003	-.0001	-.0014	.0005	9.584	.0002	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0009	-.0018	.0005	-.0004	.0006	.0005	.0000	-.0009	.0052
Stddev	.0002	.0001	.0003	.0001	.0004	.0007	.0002	.0001	.0000
%RSD	23.03	3.750	66.57	35.74	71.81	151.9	2118.	10.57	.5007
#1	.0008	-.0018	.0003	-.0003	.0009	.0000	.0001	-.0009	.0052
#2	.0010	-.0019	.0007	-.0005	.0003	.0009	-.0001	-.0010	.0052

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0024	.0173	-.0065	.2438	.0024	-.0005	-.0018	.0130	-.0054
Stddev	.0005	.0094	.0066	.0061	.0000	.0001	.0004	.0004	.0010
%RSD	21.69	54.25	101.7	2.486	.2383	19.92	22.63	2.792	18.45
#1	.0027	.0107	-.0112	.2481	.0024	-.0004	-.0015	.0132	-.0047
#2	.0020	.0239	-.0018	.2395	.0024	-.0005	-.0020	.0127	-.0061

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	-.0001	.0107	-.0002
Stddev	.0000	.0003	.0002	.0000
%RSD	150.6	310.9	1.491	11.45
#1	.0000	.0001	.0106	-.0002
#2	.0000	-.0003	.0109	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83303.	36646.	1793.1	5700.0
Stddev	71.	343.	6.0	19.3
%RSD	.08483	.93464	.33458	.33884
#1	83353.	36404.	1797.3	5713.6
#2	83253.	36889.	1788.9	5686.3

Zoom In Zoom Out

Sample Name: FE200PPMCONF Acquired: 12/3/2010 2:53:36 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	-.0010	.0006	-.0005	.0018	.0003	.0005	.0019
Stddev	.0000	.0000	.0000	.0002	.0000	.0007	.0000	.0002	.0006
%RSD	6.575	98.85	4.827	36.60	6.731	37.51	3.233	47.35	32.15
#1	.0001	.0000	-.0010	.0004	-.0005	.0022	.0003	.0003	.0023
#2	.0001	.0000	-.0009	.0007	-.0005	.0013	.0003	.0006	.0015

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	-.0006	.0008	.0009	-.0008	-.0001	-.0002	-.0106	-.0276
Stddev	.0001	.0001	.0007	.0004	.0004	.0005	.0002	.0000	.0020
%RSD	28.68	18.61	87.65	49.13	46.90	377.4	93.71	.4705	7.256
#1	.0005	-.0007	.0014	.0012	-.0005	.0002	-.0003	-.0105	-.0262
#2	.0003	-.0005	.0003	.0006	-.0010	-.0005	-.0001	-.0106	-.0291

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	192.3	-.0175	.0160	.1787	-.0025	-.0009	-.0114	.0022	-.0057
Stddev	2.8	.0026	.0057	.0070	.0002	.0001	.0030	.0002	.0000
%RSD	1.447	14.60	35.68	3.935	8.369	12.60	26.69	9.390	.6481
#1	194.3	-.0157	.0200	.1837	-.0027	-.0008	-.0092	.0021	-.0057
#2	190.3	-.0193	.0120	.1737	-.0024	-.0009	-.0135	.0024	-.0058

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0003	-.0006	.0157	.0053
Stddev	.0000	.0001	.0009	.0002
%RSD	3.586	19.97	5.818	3.608
#1	.0003	-.0005	.0164	.0055
#2	.0003	-.0007	.0151	.0052

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82645.	36272.	1771.9	5604.3
Stddev	40.	774.	1.1	6.0
%RSD	.04872	2.1345	.06351	.10635
#1	82673.	35725.	1771.1	5608.5
#2	82616.	36820.	1772.7	5600.1

Zoom In Zoom Out

Sample Name: CA400PPMCONF Acquired: 12/3/2010 2:59:45 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0004	.0000	-.0001	-.0002	.0007	.0007	.0001	.0009	-.0003
Stddev	.0000	.000	.0001	.0001	.0001	.0003	.0000	.0000	.0003
%RSD	10.57	55.11	146.0	33.44	19.53	44.28	2.142	3.626	106.7
#1	.0004	.0000	.0000	-.0002	.0006	.0005	.0001	.0009	-.0005
#2	.0004	-.0001	-.0002	-.0001	.0008	.0009	.0001	.0010	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	.0007	.0005	.0025	-.0003	-.0003	.0007	-.0608	383.1
Stddev	.0000	.0001	.0004	.0002	.0004	.0010	.0002	.0005	7.5
%RSD	5.375	15.95	67.31	6.277	128.1	299.9	30.43	.7606	1.954
#1	.0004	.0008	.0008	.0026	-.0006	.0004	.0008	-.0611	377.8
#2	.0004	.0006	.0003	.0024	.0000	-.0010	.0005	-.0604	388.4

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0069	-.0005	-.0592	.1499	.0037	-.0006	-.0016	.0198	-.0022
Stddev	.0001	.0046	.0155	.0064	.0002	.0001	.0002	.0006	.0003
%RSD	1.050	981.3	26.17	4.264	4.589	9.627	14.73	3.143	15.66
#1	.0069	-.0037	-.0483	.1544	.0038	-.0005	-.0014	.0202	-.0024
#2	.0070	.0028	-.0702	.1454	.0035	-.0006	-.0017	.0193	-.0019

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0005	.0046	.0115	-.0004
Stddev	.0001	.0001	.0009	.0000
%RSD	20.00	1.610	8.032	.8784
#1	.0005	.0045	.0122	-.0004
#2	.0004	.0046	.0109	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80419.	34911.	1636.9	5110.5
Stddev	2275.	31.	3.3	7.6
%RSD	2.8294	.08993	.20185	.14917
#1	82028.	34933.	1634.5	5115.9
#2	78810.	34889.	1639.2	5105.1

Zoom In Zoom Out

Sample Name: AL500PPMCONF Acquired: 12/3/2010 3:05:53 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	-.0005	.0000	.0000	.0001	-.0007	.0005	-.0016	.0006	.0006
Stddev	.0000	.0000	.000	.0001	.0001	.0002	.0001	.0002	.0003
%RSD	4.214	85.21	718.0	145.0	9.696	42.78	3.541	25.12	44.51
#1	-.0005	.0000	.0000	.0001	-.0007	.0006	-.0017	.0005	.0008
#2	-.0005	.0000	.0000	.0000	-.0006	.0003	-.0016	.0007	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0043	.0001	.0015	.0003	.0018	.0013	468.3	.0860
Stddev	.0001	.0005	.0005	.0009	.0014	.0020	.0003	12.3	.0025
%RSD	33.81	12.25	641.4	63.90	528.6	114.8	24.38	2.615	2.898
#1	.0002	.0047	.0005	.0008	-.0007	.0003	.0015	459.6	.0843
#2	.0003	.0040	-.0003	.0022	.0012	.0032	.0010	476.9	.0878

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0084	.0072	.0071	.5184	-.0004	-.0087	.0010	.0128	.0003
Stddev	.0001	.0016	.0028	.0158	.0005	.0001	.0004	.0012	.0005
%RSD	.9822	21.96	39.27	3.054	110.8	1.549	40.46	9.644	161.9
#1	.0083	.0083	.0051	.5072	-.0001	-.0086	.0007	.0119	.0000
#2	.0085	.0061	.0091	.5296	-.0008	-.0088	.0013	.0137	.0006

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0003	-.0002	.0091	-.0002
Stddev	.0000	.0000	.0000	.0001
%RSD	4.230	8.467	.3888	34.39
#1	.0003	-.0002	.0090	-.0003
#2	.0004	-.0002	.0091	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77162.	36624.	1799.8	5342.7
Stddev	62.	704.	5.3	11.9
%RSD	.08000	1.9226	.29586	.22224
#1	77205.	37122.	1803.6	5351.1
#2	77118.	36126.	1796.1	5334.3

Zoom In Zoom Out

Sample Name: MG500PPMCONF Acquired: 12/3/2010 3:11:59 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	-.0035	.0000	.0001	.0000	.0004	.0009	.0011	-.0002	-.0001
Stddev	.0000	.0000	.0000	.000	.0002	.0001	.0000	.0001	.0000
%RSD	1.353	2393.	33.50	111.9	55.81	14.16	4.028	74.96	52.43
#1	-.0035	.0000	.0001	.0000	.0006	.0010	.0010	-.0003	-.0001
#2	-.0035	.0000	.0001	-.0001	.0003	.0008	.0011	-.0001	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0018	.0007	.0000	.0019	-.0001	-.0002	.0005	.0007	.0191
Stddev	.0002	.0001	.0004	.0001	.0007	.0002	.0001	.0021	.0005
%RSD	11.20	15.94	1284.	4.246	851.2	116.8	19.32	289.6	2.608
#1	.0017	.0008	-.0003	.0020	-.0006	.0000	.0005	-.0008	.0188
#2	.0020	.0006	.0003	.0018	.0004	-.0004	.0004	.0022	.0195

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0032	518.8	-.0006	.1667	.0017	.0123	-.0002	.0059	.0000
Stddev	.0001	2.0	.0042	.0131	.0003	.0003	.0003	.0005	.000
%RSD	3.770	.3941	740.2	7.872	20.30	2.136	128.5	8.907	25.96
#1	.0033	517.4	-.0035	.1574	.0020	.0121	-.0004	.0056	.0000
#2	.0031	520.2	.0024	.1760	.0015	.0125	.0000	.0063	.0000

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0002	.0048	-.0003
Stddev	.0000	.0001	.0003	.0000
%RSD	2204.	62.98	6.532	4.941
#1	.0000	.0001	.0050	-.0002
#2	.0000	.0003	.0046	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78534.	34398.	1657.0	5114.4
Stddev	389.	18.	8.2	19.9
%RSD	.49497	.05173	.49285	.38938
#1	78809.	34385.	1662.8	5128.5
#2	78259.	34411.	1651.2	5100.3

Zoom In Zoom Out

Sample Name: RINSECONF Acquired: 12/3/2010 3:18:02 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0000	.0001	.0000	.0002	.0006	.0001	.0022	.0000
Stddev	.0000	.0000	.0001	.000	.0002	.0002	.0000	.0001	.0001
%RSD	46.24	9.712	97.39	109.7	84.72	25.02	6.874	5.181	361.9
#1	.0001	.0000	.0001	.0000	.0004	.0005	.0001	.0021	.0001
#2	.0000	.0000	.0000	.0000	.0001	.0007	.0001	.0022	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0038	-.0003	.0002	.0005	.0008	.0001	.0050	.0239
Stddev	.0002	.0001	.0002	.0000	.0006	.0001	.0008	.0001	.0010
%RSD	130.9	1.661	46.27	3.163	114.0	8.458	746.8	2.126	4.338
#1	.0002	.0038	-.0002	.0002	.0001	.0008	-.0005	.0051	.0246
#2	.0000	.0037	-.0004	.0002	.0010	.0007	.0007	.0049	.0232

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0070	.0071	-.0100	.1198	.0014	.0004	.0001	.0047	.0000
Stddev	.0002	.0067	.0024	.0034	.0002	.0000	.0003	.0002	.0003
%RSD	3.518	93.65	24.42	2.806	12.78	10.97	412.5	3.566	599.4
#1	.0068	.0024	-.0118	.1222	.0012	.0004	.0003	.0046	-.0002
#2	.0071	.0119	-.0083	.1175	.0015	.0005	-.0001	.0049	.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	-.0003	.0001	-.0003
Stddev	.0000	.0002	.0002	.0001
%RSD	98.64	79.02	239.2	30.83
#1	.0000	-.0004	.0003	-.0002
#2	.0000	-.0001	-.0001	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81866.	35772.	1781.7	5672.4
Stddev	765.	505.	.2	3.4
%RSD	.93444	1.4122	.01092	.06070
#1	82407.	35415.	1781.9	5674.8
#2	81325.	36129.	1781.6	5669.9

Zoom In Zoom Out

Sample Name: RINSECONF Acquired: 12/3/2010 3:24:05 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0001	.0000	.0002	.0003	.0000	.0002	.0000
Stddev	.0000	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
%RSD	44.17	38.92	15.60	93.97	17.80	8.996	30.06	12.73	418.8
#1	.0001	.0000	.0001	.0000	.0003	.0004	.0000	.0002	-.0001
#2	.0000	.0000	.0001	.0001	.0002	.0003	.0000	.0002	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	.0007	-.0002	.0003	-.0007	.0012	.0006	-.0016	.0009
Stddev	.0001	.0001	.0004	.0006	.0006	.0002	.0003	.0002	.0020
%RSD	19.29	9.692	258.4	213.7	82.29	20.49	54.87	10.29	226.6
#1	.0005	.0007	-.0005	-.0001	-.0012	.0013	.0008	-.0017	-.0005
#2	.0004	.0008	.0001	.0007	-.0003	.0010	.0003	-.0014	.0023

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0019	.0034	-.0068	.1008	.0012	-.0001	.0002	.0070	-.0005
Stddev	.0001	.0007	.0102	.0030	.0002	.0000	.0000	.0001	.0001
%RSD	6.895	20.71	150.5	2.951	19.51	35.14	26.84	1.605	30.82
#1	.0020	.0039	-.0140	.1029	.0014	-.0001	.0002	.0070	-.0006
#2	.0018	.0029	.0004	.0987	.0011	.0000	.0001	.0069	-.0004

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	-.0001	.0005	-.0003
Stddev	.000	.0002	.0004	.0001
%RSD	111.2	175.2	70.14	28.36
#1	.0000	-.0003	.0007	-.0002
#2	.0000	.0000	.0003	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84125.	36003.	1764.6	5613.5
Stddev	2222.	166.	7.0	21.4
%RSD	2.6415	.46025	.39795	.38129
#1	82554.	36120.	1769.6	5628.6
#2	85697.	35886.	1759.6	5598.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 3:30:10 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.175	2.107	2.083	2.103	2.103	2.090	2.133	2.071	.2555
Stddev	.009	.011	.008	.007	.005	.002	.003	.006	.0002
%RSD	.3971	.5159	.3854	.3374	.2342	.0730	.1409	.2966	.0862
#1	2.169	2.099	2.078	2.097	2.100	2.091	2.131	2.067	.2553
#2	2.181	2.114	2.089	2.108	2.107	2.089	2.135	2.076	.2556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.095	2.090	2.094	2.083	2.069	2.086	2.086	41.02	39.85
Stddev	.004	.005	.011	.007	.009	.009	.010	.15	.22
%RSD	.1914	.2568	.5166	.3461	.4428	.4398	.4891	.3648	.5455
#1	2.092	2.086	2.087	2.078	2.063	2.080	2.079	40.91	39.70
#2	2.098	2.094	2.102	2.088	2.076	2.093	2.093	41.12	40.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.20	39.74	F 44.08	42.46	2.146	2.112	2.062	5.306	2.103
Stddev	.21	.24	.09	.21	.015	.010	.001	.026	.009
%RSD	.5301	.5930	.1982	.4995	.7147	.4613	.0511	.4846	.4505
#1	40.05	39.57	44.02	42.31	2.135	2.105	2.063	5.288	2.096
#2	40.36	39.91	44.14	42.61	2.157	2.118	2.062	5.324	2.110
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			40.00						
Range			10.00%						

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 3:30:10 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.128	2.098	F 2.276	F 2.262
Stddev	.005	.003	.012	.004
%RSD	.2315	.1501	.5117	.1882
#1	2.125	2.096	2.267	2.259
#2	2.131	2.101	2.284	2.265
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80414.	35394.	1719.1	5288.1
Stddev	124.	16.	6.2	16.6
%RSD	.15476	.04472	.36119	.31454
#1	80326.	35405.	1723.5	5299.9
#2	80502.	35383.	1714.7	5276.3

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 3:36:04 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0001	.0001	.0000	.0002	.0003	.0001	-.0003	.0000
Stddev	.0000	.0000	.0000	.0001	.0000	.0001	.0000	.0002	.000
%RSD	18.29	26.75	3.279	330.7	9.677	28.23	19.75	71.41	487.0
#1	.0001	.0000	.0001	.0001	.0002	.0002	.0001	-.0001	.0001
#2	.0001	.0001	.0001	-.0001	.0002	.0003	.0001	-.0004	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0001	-.0003	.0013	-.0002	.0010	.0003	-.0019	-.0011
Stddev	.0004	.0001	.0001	.0003	.0008	.0006	.0007	.0006	.0002
%RSD	106.6	103.2	19.22	22.56	443.3	55.46	268.2	32.48	20.83
#1	.0006	.0000	-.0003	.0011	.0004	.0006	.0008	-.0024	-.0013
#2	.0001	-.0001	-.0004	.0015	-.0008	.0014	-.0002	-.0015	-.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033	.0051	-.0050	.0819	.0018	.0017	.0007	.0052	-.0002
Stddev	.0004	.0008	.0009	.0009	.0003	.0003	.0008	.0001	.0004
%RSD	10.83	15.89	17.27	1.118	18.72	17.74	110.1	2.808	190.3
#1	.0036	.0045	-.0044	.0826	.0021	.0019	.0002	.0053	.0001
#2	.0031	.0057	-.0056	.0813	.0016	.0015	.0012	.0051	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 3:36:04 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0005	.0091	.0006
Stddev	.000	.0003	.0004	.0000
%RSD	53.63	69.53	3.873	5.446
#1	.0000	.0002	.0093	.0006
#2	.0000	.0007	.0088	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83279.	36388.	1788.9	5682.8
Stddev	203.	15.	8.8	17.8
%RSD	.24344	.04013	.49334	.31241
#1	83136.	36399.	1795.2	5695.4
#2	83422.	36378.	1782.7	5670.3

Zoom In Zoom Out

Sample Name: JA61557-14 Acquired: 12/3/2010 3:42:08 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0002	-.0001	.0002	.0007	.0001	.0000	.0000
Stddev	.0000	.000	.0000	.0001	.0001	.0001	.0000	.000	.0002
%RSD	2.428	894.0	11.20	105.9	52.37	14.08	20.86	430.1	407.2
#1	.0001	.0000	.0002	.0000	.0002	.0006	.0001	.0001	-.0001
#2	.0001	.0000	.0002	-.0002	.0003	.0008	.0001	-.0001	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	.0009	-.0006	-.0010	-.0008	.0026	.0007	.0034	.0288
Stddev	.0001	.0001	.0006	.0002	.0003	.0014	.0003	.0052	.0009
%RSD	24.34	15.64	98.64	24.71	30.92	53.05	37.60	152.6	3.239
#1	.0006	.0008	-.0010	-.0012	-.0010	.0016	.0009	.0071	.0282
#2	.0004	.0009	-.0002	-.0008	-.0006	.0036	.0005	-.0003	.0295

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0055	.0064	-.0005	.1222	.0018	.0006	.0002	.0177	-.0004
Stddev	.0004	.0053	.0073	.0000	.0001	.0000	.0006	.0001	.0000
%RSD	7.264	83.04	1605.	.0203	5.674	5.577	300.9	.7580	5.159
#1	.0053	.0026	.0047	.1222	.0019	.0007	-.0002	.0176	-.0004
#2	.0058	.0102	-.0056	.1222	.0017	.0006	.0007	.0178	-.0004

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0000	.0083	.0008
Stddev	.0000	.000	.0008	.0000
%RSD	38.60	283.2	9.432	6.026
#1	.0000	-.0001	.0088	.0008
#2	.0000	.0000	.0077	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81653.	36117.	1757.8	5638.8
Stddev	15.	105.	1.4	5.3
%RSD	.01782	.29186	.08023	.09479
#1	81663.	36042.	1756.8	5642.6
#2	81643.	36191.	1758.8	5635.0

Zoom In Zoom Out

Sample Name: JA62422-1 Acquired: 12/3/2010 3:48:10 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0232	-.0003	2.211	.0306	.1345	12.35	2.163	.4274	.0025
Stddev	.0001	.0000	.006	.0003	.0011	.03	.005	.0010	.0001
%RSD	.2209	5.672	.2740	.9531	.8494	.2616	.2282	.2341	2.302
#1	.0232	-.0003	2.206	.0304	.1353	12.33	2.167	.4267	.0026
#2	.0233	-.0003	2.215	.0308	.1337	12.37	2.160	.4281	.0025

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0033	4.475	.0469	-.0122	1.531	.0149	.0009	1.110	19.08
Stddev	.0001	.015	.0003	.0000	.005	.0010	.0008	.000	.08
%RSD	1.717	.3426	.6006	.2476	.3580	6.784	94.19	.0319	.4031
#1	.0033	4.464	.0468	-.0122	1.527	.0142	.0014	1.110	19.13
#2	.0034	4.486	.0471	-.0122	1.534	.0156	.0003	1.110	19.02

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.658	3.807	2.096	2.081	.0394	.0022	.0011	6.756	.0013
Stddev	.006	.015	.005	.012	.0001	.0000	.0001	.028	.0004
%RSD	.3767	.3831	.2332	.5691	.2536	1.602	8.385	.4097	30.67
#1	1.662	3.817	2.099	2.072	.0395	.0022	.0010	6.737	.0010
#2	1.653	3.796	2.092	2.089	.0394	.0021	.0012	6.776	.0015

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0661	-.0042	.0588	.0061
Stddev	.0000	.0003	.0008	.0013
%RSD	.0216	7.669	1.398	21.50
#1	.0661	-.0045	.0582	.0071
#2	.0661	-.0040	.0594	.0052

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80865.	35670.	1688.7	5551.9
Stddev	535.	212.	2.1	9.8
%RSD	.66199	.59404	.12449	.17575
#1	80486.	35521.	1690.1	5558.8
#2	81243.	35820.	1687.2	5545.0

Zoom In Zoom Out

Sample Name: JA62422-2 Acquired: 12/3/2010 3:54:10 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0387	.0002	.0507	.0873	3.811	3.482	1.812	.8097	-.0039
Stddev	.0002	.0000	.0007	.0008	.006	.008	.006	.0016	.0009
%RSD	.5776	3.597	1.371	.9057	.1698	.2237	.3479	.2008	22.65
#1	.0386	.0002	.0512	.0879	3.806	3.487	1.808	.8085	-.0032
#2	.0389	.0002	.0502	.0868	3.815	3.476	1.817	.8108	-.0045

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0353	16.21	1.423	-.3136	.3246	.1903	.1028	15.34	21.99
Stddev	.0004	.02	.013	.0012	.0028	.0040	.0028	.06	.05
%RSD	1.247	.1282	.9199	.3675	.8567	2.088	2.768	.3599	.2405
#1	.0356	16.20	1.432	-.3144	.3226	.1931	.1048	15.30	21.95
#2	.0350	16.23	1.414	-.3128	.3266	.1875	.1008	15.38	22.03

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	220.5	3.603	33.04	14.42	.2748	.2288	-.0257	15.02	.0954
Stddev	1.0	.009	.16	.10	.0025	.0004	.0025	.08	.0007
%RSD	.4715	.2570	.4893	.6807	.8938	.1912	9.884	.5218	.7106
#1	219.8	3.597	32.93	14.35	.2766	.2291	-.0275	15.08	.0959
#2	221.3	3.610	33.16	14.49	.2731	.2285	-.0239	14.97	.0949

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0773	.0216	.1997	.0386
Stddev	.0003	.0007	.0019	.0007
%RSD	.3667	3.171	.9413	1.692
#1	.0771	.0211	.2010	.0391
#2	.0775	.0221	.1984	.0382

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73956.	31223.	1485.7	4817.4
Stddev	254.	213.	20.4	41.0
%RSD	.34291	.68348	1.3715	.85200
#1	73777.	31072.	1471.3	4788.4
#2	74135.	31374.	1500.1	4846.4

Zoom In Zoom Out

Sample Name: MP55928-S1 Acquired: 12/3/2010 4:00:04 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	4.369	.0986	.1007	.9824	.5057	.6537	4.793	1.085	.1091
Stddev	.085	.0006	.0002	.0023	.0086	.0060	.072	.001	.0014
%RSD	1.948	.5914	.2181	.2340	1.708	.9141	1.509	.0680	1.324
#1	4.429	.0991	.1005	.9808	.5118	.6579	4.844	1.084	.1102
#2	4.309	.0982	.1008	.9840	.4996	.6495	4.742	1.085	.1081

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	1.101	2.834	3.688	3.476	2.207	3.499	.5414	152.8	29.21
Stddev	.015	.000	.005	.008	.004	.005	.0021	.7	.22
%RSD	1.374	.0041	.1360	.2378	.1648	.1543	.3827	.4744	.7429
#1	1.112	2.834	3.685	3.470	2.205	3.496	.5399	153.4	29.36
#2	1.091	2.834	3.692	3.482	2.210	3.503	.5428	152.3	29.06

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	208.2	33.19	23.04	13.62	.0474	.0009	-.0231	3.646	.0316
Stddev	1.2	.28	.12	.09	.0002	.0002	.0004	.009	.0015
%RSD	.5727	.8284	.5271	.6491	.3170	23.51	1.565	.2396	4.655
#1	209.1	33.39	23.13	13.69	.0473	.0008	-.0234	3.652	.0306
#2	207.4	33.00	22.96	13.56	.0475	.0011	-.0228	3.640	.0326

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1436	2.192	.1005	.0665
Stddev	.0009	.030	.0001	.0003
%RSD	.6051	1.365	.0987	.4098
#1	.1442	2.213	.1004	.0663
#2	.1430	2.171	.1006	.0667

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83448.	37279.	1776.5	5254.6
Stddev	765.	357.	3.6	8.7
%RSD	.91628	.95685	.20500	.16489
#1	82907.	37027.	1779.0	5260.7
#2	83989.	37532.	1773.9	5248.4

Zoom In Zoom Out

Sample Name: MP55928-S2 Acquired: 12/3/2010 4:06:04 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	4.420	.0993	.1034	.9955	.5162	.8034	4.469	1.106	.1074
Stddev	.072	.0011	.0003	.0003	.0007	.0005	.003	.000	.0002
%RSD	1.620	1.138	.2772	.0309	.1358	.0588	.0765	.0204	.1603
#1	4.369	.0985	.1032	.9957	.5167	.8031	4.472	1.106	.1072
#2	4.471	.1001	.1036	.9953	.5157	.8037	4.467	1.106	.1075

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	1.112	3.123	3.758	3.571	1.807	3.571	.5233	160.2	29.27
Stddev	.001	.005	.004	.004	.001	.000	.0006	1.8	.29
%RSD	.0425	.1766	.0953	.1162	.0638	.0020	.1198	1.145	.9892
#1	1.113	3.127	3.756	3.569	1.808	3.571	.5228	158.9	29.06
#2	1.112	3.119	3.761	3.574	1.806	3.571	.5237	161.5	29.47

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	209.0	35.13	24.05	13.58	.0481	.0006	-.0225	3.033	.0340
Stddev	3.6	.39	.21	.12	.0001	.0000	.0037	.001	.0003
%RSD	1.738	1.105	.8736	.8871	.2606	3.065	16.40	.0404	.9794
#1	206.5	34.85	23.90	13.50	.0480	.0006	-.0251	3.032	.0343
#2	211.6	35.40	24.20	13.67	.0482	.0006	-.0199	3.034	.0338

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1488	2.127	.0950	.0777
Stddev	.0017	.000	.0001	.0004
%RSD	1.115	.0135	.1542	.4750
#1	.1476	2.127	.0949	.0775
#2	.1500	2.127	.0951	.0780

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83894.	37364.	1773.9	5236.6
Stddev	118.	219.	4.9	11.4
%RSD	.14050	.58544	.27615	.21675
#1	83810.	37519.	1777.3	5244.7
#2	83977.	37210.	1770.4	5228.6

Zoom In Zoom Out

Sample Name: JA61985-2 Acquired: 12/3/2010 4:12:06 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5544	.0034	.0108	.0535	.1096	.2359	3.383	.1127	.0112
Stddev	.0138	.0001	.0001	.0001	.0002	.0012	.015	.0002	.0001
%RSD	2.487	2.555	1.251	.1802	.1453	.5061	.4423	.1945	.5207
#1	.5641	.0035	.0107	.0534	.1094	.2367	3.373	.1125	.0112
#2	.5446	.0034	.0109	.0535	.1097	.2351	3.394	.1129	.0113

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1689	2.054	.0528	.0013	1.051	.0058	.0068	80.73	18.47
Stddev	.0003	.006	.0005	.0011	.001	.0012	.0002	2.08	.32
%RSD	.1887	.2850	.9579	84.96	.1268	21.37	2.869	2.577	1.753
#1	.1687	2.059	.0532	.0021	1.052	.0067	.0069	82.20	18.70
#2	.1692	2.050	.0525	.0005	1.050	.0049	.0066	79.26	18.24

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	142.2	18.40	8.809	1.110	.0355	.0018	-.0064	1.879	.0388
Stddev	3.1	.38	.262	.035	.0003	.0001	.0027	.003	.0003
%RSD	2.148	2.058	2.976	3.203	.7184	5.607	41.22	.1786	.8760
#1	144.3	18.67	8.994	1.135	.0353	.0019	-.0046	1.876	.0390
#2	140.0	18.13	8.623	1.084	.0357	.0018	-.0083	1.881	.0385

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1387	2.091	.0399	.0562
Stddev	.0033	.004	.0002	.0003
%RSD	2.353	.1782	.3961	.4502
#1	.1410	2.088	.0400	.0561
#2	.1364	2.093	.0397	.0564

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	85425.	38189.	1794.3	5411.9
Stddev	4.	808.	1.8	3.8
%RSD	.00420	2.1171	.10274	.06971
#1	85427.	37618.	1795.6	5409.2
#2	85422.	38761.	1793.0	5414.5

Zoom In Zoom Out

Sample Name: MP55928-SD1 Acquired: 12/3/2010 4:17:59 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5630	.0034	.0116	.0548	.1141	.2389	3.557	.1146	.0115
Stddev	.0044	.0000	.0008	.0007	.0027	.0035	.069	.0004	.0002
%RSD	.7866	.7558	7.086	1.333	2.347	1.473	1.927	.3150	2.101
#1	.5661	.0034	.0122	.0553	.1160	.2414	3.605	.1149	.0113
#2	.5598	.0034	.0110	.0542	.1122	.2364	3.509	.1144	.0117

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1754	2.203	.0546	.0056	1.057	.0129	.0099	79.44	18.82
Stddev	.0040	.001	.0015	.0003	.006	.0042	.0039	.66	.21
%RSD	2.299	.0336	2.797	4.914	.5379	32.39	39.15	.8250	1.134
#1	.1783	2.202	.0557	.0054	1.061	.0100	.0127	79.90	18.97
#2	.1726	2.203	.0536	.0058	1.053	.0159	.0072	78.98	18.67

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	150.7	18.50	8.761	1.262	.0436	.0017	-.0017	1.976	.0380
Stddev	1.3	.24	.046	.018	.0004	.0003	.0024	.009	.0020
%RSD	.8676	1.276	.5234	1.443	.8155	20.08	142.6	.4467	5.275
#1	151.6	18.67	8.794	1.275	.0433	.0019	-.0033	1.983	.0366
#2	149.8	18.34	8.729	1.249	.0438	.0014	.0000	1.970	.0394

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1410	2.160	.0406	.0568
Stddev	.0011	.036	.0019	.0003
%RSD	.7974	1.668	4.573	.4872
#1	.1418	2.186	.0393	.0570
#2	.1402	2.135	.0419	.0566

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83808.	37910.	1792.1	5615.4
Stddev	1157.	419.	3.1	7.6
%RSD	1.3800	1.1059	.17061	.13549
#1	82990.	37614.	1789.9	5610.0
#2	84626.	38207.	1794.3	5620.8

Zoom In Zoom Out

Sample Name: JA58808-35T Acquired: 12/3/2010 4:23:55 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.6066	.0057	.0153	.0957	.1338	.0476	4.507	.1197	.0032
Stddev	.0049	.0000	.0002	.0002	.0006	.0002	.035	.0008	.0000
%RSD	.8132	.8555	1.442	.2520	.4791	.3668	.7711	.6377	.0795
#1	.6032	.0057	.0155	.0959	.1334	.0475	4.482	.1202	.0032
#2	.6101	.0057	.0152	.0956	.1343	.0477	4.532	.1192	.0032

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.2218	.4353	.1993	-.0007	2.264	.0010	.0274	103.5	4.121
Stddev	.0009	.0008	.0011	.0004	.012	.0011	.0001	.7	.011
%RSD	.3951	.1871	.5350	59.03	.5290	109.6	.1998	.6438	.2768
#1	.2212	.4359	.2000	-.0010	2.273	.0019	.0274	103.1	4.113
#2	.2224	.4348	.1985	-.0004	2.256	.0002	.0273	104.0	4.129

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	284.2	20.69	7.038	1.940	.0173	.0039	-.0434	2.096	.0187
Stddev	.9	.12	.038	.010	.0003	.0003	.0009	.004	.0006
%RSD	.3239	.5773	.5387	.5240	1.723	8.347	1.975	.2049	3.035
#1	283.6	20.61	7.011	1.933	.0171	.0042	-.0440	2.093	.0183
#2	284.9	20.78	7.064	1.948	.0175	.0037	-.0428	2.099	.0191

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0411	.4102	.0347	.0461
Stddev	.0003	.0023	.0002	.0001
%RSD	.6636	.5583	.7107	.1989
#1	.0409	.4086	.0346	.0461
#2	.0413	.4118	.0349	.0460

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83224.	37263.	1755.9	5338.2
Stddev	409.	26.	6.5	5.3
%RSD	.49084	.06992	.36808	.09943
#1	83513.	37281.	1760.5	5342.0
#2	82935.	37244.	1751.4	5334.5

Zoom In Zoom Out

Sample Name: JA58808-47T Acquired: 12/3/2010 4:29:54 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	4.509	.0087	.0042	.1627	.1562	1.327	20.39	.1523	.0039
Stddev	.045	.0001	.0001	.0001	.0005	.007	.22	.0004	.0004
%RSD	.9991	.7962	1.361	.0607	.2916	.5576	1.098	.2858	10.36
#1	4.477	.0086	.0042	.1626	.1565	1.321	20.24	.1520	.0036
#2	4.541	.0087	.0041	.1628	.1558	1.332	20.55	.1526	.0042

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.2525	.6545	.1791	-.0037	3.327	.0016	.0900	176.7	11.09
Stddev	.0007	.0018	.0004	.0000	.007	.0002	.0025	1.0	.04
%RSD	.2674	.2814	.2241	.8661	.2096	10.54	2.807	.5722	.3285
#1	.2520	.6532	.1788	-.0037	3.322	.0015	.0882	177.4	11.11
#2	.2530	.6558	.1794	-.0037	3.332	.0018	.0918	176.0	11.06

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	321.1	19.46	11.95	5.660	.0373	.0101	-.0637	2.761	.0078
Stddev	2.4	.06	.15	.067	.0009	.0002	.0007	.007	.0001
%RSD	.7411	.2946	1.275	1.176	2.453	1.708	1.113	.2713	1.357
#1	319.4	19.42	11.85	5.612	.0380	.0099	-.0642	2.767	.0078
#2	322.7	19.50	12.06	5.707	.0367	.0102	-.0632	2.756	.0079

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2162	.3280	.0590	.0371
Stddev	.0017	.0014	.0008	.0000
%RSD	.7919	.4357	1.345	.0436
#1	.2150	.3290	.0584	.0371
#2	.2174	.3269	.0595	.0370

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	88959.	39531.	1866.9	5229.2
Stddev	355.	44.	4.0	3.1
%RSD	.39929	.11064	.21630	.05966
#1	89210.	39561.	1864.1	5227.0
#2	88708.	39500.	1869.8	5231.4

Zoom In Zoom Out

Sample Name: JA58808-51T Acquired: 12/3/2010 4:36:05 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.9765	.0043	.0035	.0351	.2149	1.808	.7626	.1174	.0022
Stddev	.0124	.0000	.0000	.0002	.0037	.013	.0081	.0000	.0001
%RSD	1.275	.0723	.6759	.7080	1.709	.7226	1.063	.0266	5.470
#1	.9853	.0043	.0035	.0349	.2123	1.799	.7569	.1173	.0023
#2	.9677	.0043	.0035	.0352	.2175	1.817	.7683	.1174	.0021

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1577	.5080	.0478	.0015	1.293	.0091	.0530	167.3	7.411
Stddev	.0012	.0003	.0013	.0004	.001	.0007	.0008	3.4	.115
%RSD	.7825	.0519	2.628	22.72	.0664	7.479	1.505	2.027	1.554
#1	.1568	.5082	.0469	.0013	1.293	.0086	.0536	169.7	7.493
#2	.1586	.5079	.0487	.0018	1.294	.0096	.0525	164.9	7.330

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	68.66	17.49	11.89	4.643	.0475	-.0002	-.0057	2.628	.0298
Stddev	.99	.22	.13	.045	.0004	.0003	.0014	.009	.0003
%RSD	1.436	1.281	1.074	.9602	.8035	144.7	25.37	.3298	.9530
#1	69.35	17.65	11.98	4.674	.0472	.0000	-.0046	2.622	.0300
#2	67.96	17.33	11.80	4.611	.0477	-.0004	-.0067	2.634	.0296

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0835	.3801	.0195	.0243
Stddev	.0011	.0039	.0004	.0001
%RSD	1.313	1.029	2.094	.2465
#1	.0842	.3773	.0198	.0243
#2	.0827	.3829	.0192	.0244

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	87760.	40653.	1896.2	5381.6
Stddev	539.	638.	8.6	17.7
%RSD	.61410	1.5701	.45562	.32924
#1	88141.	40201.	1902.3	5394.1
#2	87379.	41104.	1890.1	5369.1

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 4:42:03 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.149	2.086	2.088	2.101	2.064	2.078	2.102	2.069	.2514
Stddev	.003	.002	.003	.004	.033	.033	.032	.009	.0035
%RSD	.1425	.1034	.1279	.2117	1.587	1.579	1.531	.4131	1.395
#1	2.151	2.088	2.086	2.098	2.040	2.055	2.079	2.063	.2489
#2	2.147	2.085	2.089	2.104	2.087	2.102	2.125	2.075	.2538
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.070	2.089	2.097	2.085	2.072	2.085	2.091	40.71	39.24
Stddev	.031	.010	.002	.008	.009	.007	.003	.05	.05
%RSD	1.509	.4723	.0806	.3930	.4310	.3343	.1336	.1331	.1391
#1	2.048	2.082	2.098	2.079	2.065	2.080	2.093	40.75	39.20
#2	2.092	2.096	2.095	2.091	2.078	2.090	2.089	40.67	39.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.87	39.38	43.37	42.74	2.141	2.112	2.046	5.321	2.099
Stddev	.01	.03	.14	.10	.004	.007	.030	.005	.007
%RSD	.0345	.0882	.3241	.2407	.2060	.3265	1.470	.0944	.3238
#1	39.88	39.35	43.47	42.81	2.138	2.108	2.025	5.317	2.094
#2	39.86	39.40	43.27	42.66	2.144	2.117	2.067	5.324	2.104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 4:42:03 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.112	2.074	F 2.282	F 2.237
Stddev	.020	.034	.009	.037
%RSD	.9589	1.646	.3921	1.650
#1	2.127	2.050	2.276	2.211
#2	2.098	2.099	2.289	2.264
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81873.	36574.	1724.1	5308.2
Stddev	1072.	145.	3.2	.4
%RSD	1.3093	.39750	.18439	.00818
#1	82631.	36472.	1721.8	5308.5
#2	81115.	36677.	1726.3	5307.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 4:47:57 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0001	.0001	.0000	.0002	.0002	.0001	.0001	.0000
Stddev	.0000	.0000	.0000	.0000	.0003	.0000	.0000	.0004	.000
%RSD	114.7	41.23	62.56	135.6	144.9	25.80	45.73	572.6	504.7
#1	.0000	.0001	.0000	.0001	.0005	.0002	.0000	.0004	.0000
#2	.0000	.0000	.0001	.0000	.0000	.0002	.0001	-.0002	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0003	-.0002	.0014	-.0005	.0010	.0008	-.0001	-.0008
Stddev	.0001	.0001	.0005	.0002	.0013	.0009	.0003	.0000	.0007
%RSD	16.85	43.87	195.4	16.28	245.3	86.95	38.40	51.99	86.25
#1	.0003	.0004	.0001	.0013	-.0015	.0017	.0006	-.0001	-.0003
#2	.0004	.0002	-.0006	.0016	.0004	.0004	.0010	-.0001	-.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059	.0011	-.0139	.0207	.0022	.0016	.0001	.0085	-.0008
Stddev	.0001	.0034	.0013	.0104	.0001	.0004	.0006	.0008	.0003
%RSD	1.148	301.7	9.674	50.26	3.168	24.84	634.6	9.419	39.73
#1	.0058	-.0013	-.0129	.0280	.0022	.0019	.0005	.0091	-.0010
#2	.0059	.0036	-.0148	.0133	.0021	.0013	-.0003	.0079	-.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 4:47:57 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0008	.0083	.0005
Stddev	.0000	.0002	.0010	.0000
%RSD	27.43	18.21	11.80	2.914
#1	.0000	.0007	.0090	.0005
#2	.0000	.0009	.0076	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83528.	36869.	1771.1	5621.6
Stddev	1044.	725.	37.4	118.8
%RSD	1.2500	1.9673	2.1107	2.1135
#1	84267.	36356.	1744.6	5537.5
#2	82790.	37382.	1797.5	5705.6

Zoom In Zoom Out

Sample Name: JA61968-1 Acquired: 12/3/2010 4:54:01 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1564	.0027	-.0002	.0129	.2928	.0400	.2251	.0580	.0031
Stddev	.0009	.0000	.0000	.0001	.0043	.0003	.0019	.0008	.0001
%RSD	.5906	1.305	6.560	.8520	1.452	.8448	.8557	1.392	2.361
#1	.1557	.0027	-.0002	.0128	.2897	.0397	.2238	.0575	.0030
#2	.1571	.0027	-.0002	.0130	.2958	.0402	.2265	.0586	.0031

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.3184	.1452	.0683	.0007	.1128	.0012	.0016	63.87	2.676
Stddev	.0008	.0014	.0008	.0001	.0027	.0003	.0002	.43	.001
%RSD	.2558	.9418	1.195	17.97	2.374	22.18	10.76	.6707	.0361
#1	.3178	.1443	.0677	.0008	.1110	.0014	.0017	63.57	2.677
#2	.3189	.1462	.0689	.0006	.1147	.0010	.0015	64.18	2.676

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	109.6	7.154	15.52	.2819	.1067	.0044	-.0029	2.323	.0241
Stddev	.4	.025	.08	.0036	.0011	.0002	.0012	.029	.0008
%RSD	.3408	.3553	.4930	1.292	1.051	4.435	40.36	1.230	3.299
#1	109.3	7.136	15.47	.2793	.1059	.0046	-.0021	2.303	.0247
#2	109.9	7.172	15.58	.2844	.1075	.0043	-.0037	2.344	.0236

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0313	1.369	.0193	.0346
Stddev	.0002	.008	.0010	.0005
%RSD	.5507	.6008	5.061	1.331
#1	.0311	1.364	.0200	.0349
#2	.0314	1.375	.0186	.0342

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	85285.	38111.	1807.0	5555.6
Stddev	390.	5.	19.5	53.3
%RSD	.45768	.01347	1.0794	.95850
#1	85561.	38115.	1820.8	5593.3
#2	85009.	38108.	1793.2	5517.9

Zoom In Zoom Out

Sample Name: JA61982-1A Acquired: 12/3/2010 4:59:55 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	1.612	.0047	.0021	.0623	.1830	.2987	5.404	.2021	.0048
Stddev	.007	.0000	.0000	.0002	.0011	.0006	.034	.0001	.0001
%RSD	.4573	.4123	1.676	.2548	.5913	.2159	.6325	.0564	1.580
#1	1.607	.0047	.0021	.0622	.1822	.2982	5.380	.2020	.0048
#2	1.617	.0047	.0021	.0625	.1837	.2992	5.428	.2022	.0049

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1194	1.305	.0604	-.0005	2.717	-.0008	.0016	82.17	127.8
Stddev	.0004	.004	.0005	.0007	.003	.0018	.0014	.40	2.3
%RSD	.3537	.3476	.8913	125.6	.0932	231.3	89.62	.4842	1.781
#1	.1191	1.302	.0600	-.0001	2.715	-.0021	.0026	81.89	126.2
#2	.1197	1.309	.0608	-.0010	2.719	.0005	.0006	82.46	129.4

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	150.2	67.66	8.120	.6614	.0363	.0044	-.0129	2.316	.1364
Stddev	.7	.25	.017	.0042	.0001	.0000	.0005	.010	.0001
%RSD	.4638	.3722	.2031	.6392	.3923	.0435	4.255	.4352	.0390
#1	149.7	67.48	8.108	.6584	.0362	.0044	-.0133	2.309	.1364
#2	150.7	67.84	8.131	.6644	.0364	.0044	-.0125	2.323	.1363

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4194	.7261	.0379	.0186
Stddev	.0022	.0005	.0005	.0001
%RSD	.5246	.0736	1.313	.4435
#1	.4179	.7257	.0376	.0187
#2	.4210	.7265	.0383	.0186

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84190.	37344.	1751.3	5194.6
Stddev	339.	1.	8.9	13.5
%RSD	.40224	.00369	.51088	.26077
#1	84429.	37343.	1757.6	5204.2
#2	83950.	37345.	1745.0	5185.0

Zoom In Zoom Out

Sample Name: JA61982-2A Acquired: 12/3/2010 5:06:00 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	1.976	.0043	.0027	.0618	.1575	.4171	5.873	.1975	.0050
Stddev	.012	.0000	.0001	.0001	.0003	.0022	.041	.0002	.0004
%RSD	.5981	.3061	1.931	.1917	.1940	.5383	.7003	.1232	7.033
#1	1.967	.0043	.0026	.0619	.1573	.4187	5.844	.1973	.0048
#2	1.984	.0043	.0027	.0617	.1578	.4155	5.902	.1977	.0053

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1249	1.566	.0589	-.0021	3.318	.0006	.0047	81.73	197.3
Stddev	.0005	.005	.0004	.0001	.002	.0010	.0011	.59	5.7
%RSD	.3860	.2931	.7249	5.302	.0567	179.4	23.60	.7167	2.879
#1	.1245	1.563	.0592	-.0022	3.317	-.0001	.0054	81.32	193.3
#2	.1252	1.569	.0586	-.0021	3.320	.0013	.0039	82.15	201.4

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	147.0	104.9	9.297	.7537	.0476	.0054	-.0159	2.537	.1621
Stddev	.9	.6	.072	.0108	.0009	.0001	.0006	.002	.0003
%RSD	.6054	.5839	.7780	1.430	1.842	2.700	4.049	.0633	.1679
#1	146.3	104.4	9.245	.7461	.0483	.0053	-.0164	2.538	.1623
#2	147.6	105.3	9.348	.7614	.0470	.0055	-.0155	2.536	.1619

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.5238	.8328	.0432	.0120
Stddev	.0031	.0006	.0002	.0001
%RSD	.5989	.0689	.4735	.5284
#1	.5215	.8324	.0430	.0121
#2	.5260	.8332	.0433	.0120

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83217.	37105.	1722.2	5066.1
Stddev	125.	105.	1.9	5.5
%RSD	.15076	.28175	.10912	.10778
#1	83129.	37179.	1723.6	5070.0
#2	83306.	37032.	1720.9	5062.3

Zoom In Zoom Out

Sample Name: JA61985-1 Acquired: 12/3/2010 5:12:06 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.3828	.0030	.0007	.0468	.0907	.1858	2.831	.1115	.0030
Stddev	.0007	.0000	.0001	.0003	.0006	.0019	.035	.0002	.0000
%RSD	.1777	.1755	7.831	.7029	.6775	1.003	1.255	.1523	.2189
#1	.3823	.0030	.0007	.0470	.0911	.1871	2.856	.1113	.0030
#2	.3833	.0030	.0007	.0466	.0903	.1845	2.806	.1116	.0031

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1604	.4528	.0259	-.0012	.2292	-.0015	.0014	78.31	19.14
Stddev	.0016	.0003	.0011	.0005	.0003	.0011	.0000	.01	.09
%RSD	1.027	.0771	4.416	39.87	.1442	72.16	1.133	.0072	.4599
#1	.1616	.4526	.0251	-.0008	.2294	-.0023	.0013	78.32	19.07
#2	.1593	.4531	.0267	-.0015	.2290	-.0008	.0014	78.31	19.20

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	121.3	21.71	7.318	2.388	.0427	.0008	-.0055	2.275	.0263
Stddev	.5	.08	.064	.017	.0011	.0001	.0017	.013	.0004
%RSD	.4157	.3523	.8799	.7179	2.469	13.16	31.88	.5770	1.456
#1	120.9	21.65	7.363	2.400	.0434	.0009	-.0067	2.284	.0260
#2	121.6	21.76	7.272	2.376	.0420	.0008	-.0042	2.265	.0265

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1144	3.017	.0274	.0454
Stddev	.0002	.039	.0009	.0004
%RSD	.1535	1.277	3.355	.7772
#1	.1143	3.044	.0281	.0452
#2	.1145	2.990	.0268	.0457

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84545.	38112.	1804.1	5431.3
Stddev	791.	95.	10.2	13.1
%RSD	.93578	.24924	.56319	.24172
#1	83985.	38045.	1796.9	5422.0
#2	85104.	38180.	1811.3	5440.6

Zoom In Zoom Out

Sample Name: JA61985-3 Acquired: 12/3/2010 5:18:00 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5299	.0031	.0021	.0467	.1237	.2125	2.966	.1273	.0041
Stddev	.0102	.0001	.0001	.0003	.0033	.0063	.082	.0003	.0002
%RSD	1.923	2.528	4.930	.6530	2.646	2.980	2.771	.2087	5.283
#1	.5372	.0031	.0020	.0465	.1260	.2170	3.024	.1275	.0043
#2	.5227	.0030	.0022	.0469	.1214	.2081	2.908	.1271	.0040

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.2664	1.011	.0273	-.0006	1.560	-.0007	.0019	76.53	73.56
Stddev	.0075	.002	.0006	.0010	.006	.0001	.0004	1.35	1.18
%RSD	2.808	.2164	2.183	159.4	.3634	19.21	22.75	1.764	1.609
#1	.2717	1.013	.0277	.0001	1.564	-.0008	.0016	77.48	74.39
#2	.2611	1.009	.0269	-.0014	1.556	-.0006	.0022	75.57	72.72

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	127.4	17.70	7.558	1.989	.0593	.0028	-.0068	2.888	.0564
Stddev	2.3	.34	.128	.031	.0002	.0000	.0003	.009	.0002
%RSD	1.775	1.894	1.691	1.567	.2810	.3749	3.805	.3241	.3914
#1	129.0	17.94	7.649	2.011	.0594	.0028	-.0066	2.895	.0563
#2	125.8	17.47	7.468	1.967	.0591	.0028	-.0069	2.881	.0566

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.3600	2.737	.0361	.0567
Stddev	.0070	.080	.0006	.0018
%RSD	1.947	2.914	1.666	3.092
#1	.3649	2.793	.0365	.0580
#2	.3550	2.680	.0357	.0555

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82972.	37023.	1747.6	5321.0
Stddev	2312.	682.	3.1	13.4
%RSD	2.7866	1.8408	.17997	.25138
#1	81337.	36541.	1745.4	5311.5
#2	84607.	37505.	1749.8	5330.4

Zoom In Zoom Out

Sample Name: JA62028-3 Acquired: 12/3/2010 5:23:54 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.6659	.0052	.0007	.0181	.0514	.1034	1.795	.0460	.0014
Stddev	.0056	.0000	.0001	.0000	.0004	.0004	.002	.0001	.0002
%RSD	.8390	.1525	10.66	.0434	.7027	.3671	.1157	.2373	17.32
#1	.6620	.0052	.0007	.0181	.0517	.1032	1.794	.0459	.0012
#2	.6699	.0052	.0006	.0181	.0512	.1037	1.797	.0461	.0016

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0748	.5536	.0144	-.0002	.5931	.0014	.0014	53.89	258.5
Stddev	.0001	.0006	.0002	.0004	.0001	.0012	.0003	.52	3.2
%RSD	.1492	.1131	1.169	184.4	.0115	86.36	21.08	.9637	1.249
#1	.0747	.5540	.0145	-.0005	.5932	.0023	.0016	53.52	256.2
#2	.0748	.5532	.0143	.0001	.5931	.0006	.0012	54.25	260.8

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	61.22	24.07	12.64	2.468	.0509	.0025	-.0035	2.560	.0521
Stddev	.12	.04	.19	.042	.0005	.0000	.0012	.006	.0011
%RSD	.2000	.1486	1.526	1.693	1.080	1.894	34.13	.2392	2.113
#1	61.13	24.04	12.50	2.438	.0505	.0025	-.0043	2.556	.0529
#2	61.31	24.09	12.77	2.497	.0512	.0025	-.0026	2.565	.0513

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.963	2.583	.0315	.0651
Stddev	.014	.006	.0001	.0006
%RSD	.7289	.2272	.4228	.9035
#1	1.953	2.579	.0314	.0646
#2	1.973	2.588	.0316	.0655

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81052.	36216.	1705.6	5170.3
Stddev	118.	9.	5.8	14.4
%RSD	.14546	.02374	.33984	.27774
#1	81135.	36223.	1709.7	5180.5
#2	80968.	36210.	1701.5	5160.2

Zoom In Zoom Out

Sample Name: JA62028-4 Acquired: 12/3/2010 5:29:55 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	1.021	.0035	.0009	.0213	.0631	.0863	1.941	.0609	.0016
Stddev	.005	.0000	.0000	.0001	.0003	.0000	.011	.0003	.0001
%RSD	.5200	.5576	3.473	.6388	.5120	.0007	.5730	.5309	5.755
#1	1.017	.0035	.0009	.0212	.0633	.0863	1.948	.0606	.0016
#2	1.024	.0036	.0010	.0214	.0628	.0863	1.933	.0611	.0017

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0658	.9076	.0183	.0005	.6050	.0011	-.0002	42.98	144.5
Stddev	.0003	.0013	.0002	.0004	.0012	.0004	.0001	.24	.1
%RSD	.4752	.1428	1.177	75.61	.1956	39.36	36.17	.5507	.0585
#1	.0660	.9067	.0181	.0002	.6041	.0008	-.0001	42.82	144.6
#2	.0655	.9085	.0184	.0008	.6058	.0014	-.0002	43.15	144.5

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	68.27	28.66	16.32	1.552	.0119	.0022	-.0028	1.780	.0464
Stddev	.47	.13	.06	.008	.0002	.0003	.0010	.006	.0005
%RSD	.6906	.4600	.3908	.5020	1.943	11.78	34.41	.3261	1.130
#1	67.93	28.56	16.27	1.547	.0118	.0020	-.0034	1.776	.0468
#2	68.60	28.75	16.36	1.558	.0121	.0024	-.0021	1.784	.0461

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.5159	3.081	.0274	.0349
Stddev	.0029	.011	.0004	.0004
%RSD	.5708	.3452	1.385	1.034
#1	.5138	3.088	.0277	.0351
#2	.5180	3.073	.0271	.0346

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82470.	36820.	1723.3	5274.9
Stddev	132.	31.	7.8	14.4
%RSD	.16018	.08297	.45537	.27227
#1	82377.	36842.	1728.8	5285.0
#2	82563.	36798.	1717.7	5264.7

Zoom In Zoom Out

Sample Name: JA62028-5 Acquired: 12/3/2010 5:35:55 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.3291	.0031	-.0001	.0088	.0418	2.311	1.325	.0257	.0009
Stddev	.0067	.0001	.0001	.0001	.0005	.042	.026	.0000	.0004
%RSD	2.036	2.440	76.47	1.156	1.193	1.807	1.937	.1569	37.17
#1	.3243	.0030	-.0001	.0088	.0415	2.282	1.307	.0257	.0007
#2	.3338	.0031	.0000	.0087	.0422	2.341	1.343	.0258	.0012

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0225	.3275	.0046	.0010	.2089	.0003	.0005	25.09	20.23
Stddev	.0005	.0001	.0002	.0004	.0010	.0002	.0006	.53	.39
%RSD	2.114	.0361	3.396	42.60	.4969	48.60	121.0	2.107	1.924
#1	.0221	.3274	.0045	.0007	.2096	.0004	.0009	24.72	19.96
#2	.0228	.3276	.0047	.0013	.2082	.0002	.0001	25.47	20.51

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	43.13	14.57	14.30	1.147	.0045	.0067	.0010	2.216	.0348
Stddev	.84	.30	.28	.022	.0008	.0000	.0004	.007	.0001
%RSD	1.951	2.029	1.982	1.892	18.53	.4782	41.87	.3213	.3029
#1	42.54	14.36	14.10	1.132	.0039	.0067	.0007	2.211	.0349
#2	43.73	14.78	14.50	1.163	.0051	.0067	.0013	2.222	.0347

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0899	2.016	.0166	.0183
Stddev	.0017	.040	.0002	.0006
%RSD	1.943	2.004	1.203	3.084
#1	.0886	1.987	.0168	.0179
#2	.0911	2.044	.0165	.0187

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83023.	36828.	1783.9	5564.7
Stddev	1316.	486.	6.4	15.5
%RSD	1.5845	1.3195	.35990	.27916
#1	83953.	37171.	1788.4	5575.7
#2	82092.	36484.	1779.3	5553.7

Zoom In Zoom Out

Sample Name: JA62028-6 Acquired: 12/3/2010 5:41:52 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.6924	.0022	.0001	.0405	1.033	.1366	.7067	.1076	.0012
Stddev	.0129	.0000	.0002	.0003	.004	.0007	.0030	.0007	.0000
%RSD	1.870	.5992	108.2	.6833	.3949	.5397	.4295	.6249	1.407
#1	.6832	.0022	.0003	.0407	1.030	.1361	.7045	.1081	.0012
#2	.7015	.0022	.0000	.0403	1.035	.1372	.7088	.1071	.0012

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0942	.1049	.0163	.0012	.1471	.0005	-.0003	40.35	170.2
Stddev	.0003	.0004	.0004	.0002	.0006	.0010	.0001	.78	3.7
%RSD	.3219	.4262	2.172	21.14	.4370	188.1	49.95	1.941	2.184
#1	.0944	.1052	.0160	.0010	.1476	-.0002	-.0002	39.79	167.6
#2	.0939	.1046	.0165	.0014	.1467	.0013	-.0004	40.90	172.8

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	47.22	18.57	4.737	1.965	.0151	.0039	-.0007	1.871	.0267
Stddev	.95	.37	.102	.041	.0008	.0001	.0000	.012	.0006
%RSD	2.009	1.972	2.152	2.067	5.430	2.426	5.298	.6198	2.405
#1	46.55	18.31	4.665	1.936	.0145	.0040	-.0007	1.879	.0272
#2	47.89	18.83	4.809	1.994	.0157	.0039	-.0007	1.863	.0263

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.882	2.689	.0208	.0489
Stddev	.036	.009	.0004	.0006
%RSD	1.911	.3368	1.802	1.171
#1	1.856	2.683	.0211	.0485
#2	1.907	2.696	.0205	.0493

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82122.	36448.	1731.5	5297.9
Stddev	290.	469.	6.1	21.7
%RSD	.35331	1.2864	.35386	.41045
#1	82327.	36779.	1727.2	5282.5
#2	81916.	36116.	1735.8	5313.3

Zoom In Zoom Out

Sample Name: JA62028-7 Acquired: 12/3/2010 5:47:52 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	1.131	.0030	.0013	.0366	.0911	.3265	.2662	.0961	.0041
Stddev	.005	.0000	.0002	.0001	.0001	.0000	.0008	.0002	.0000
%RSD	.4599	.0219	12.29	.2084	.0574	.0075	.2994	.2149	.7118
#1	1.128	.0030	.0012	.0366	.0911	.3265	.2657	.0962	.0041
#2	1.135	.0030	.0014	.0365	.0912	.3265	.2668	.0960	.0040

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.1222	.6043	.0642	.0029	.7949	.0155	.0022	24.41	35.14
Stddev	.0003	.0010	.0007	.0001	.0001	.0005	.0001	.06	.19
%RSD	.2721	.1687	1.059	5.012	.0174	3.259	5.924	.2271	.5546
#1	.1219	.6036	.0638	.0030	.7950	.0158	.0021	24.37	35.00
#2	.1224	.6050	.0647	.0028	.7948	.0151	.0022	24.45	35.28

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	78.63	14.08	2.392	1.588	.0171	.0058	-.0005	1.520	.0912
Stddev	.47	.06	.017	.004	.0002	.0001	.0002	.004	.0002
%RSD	.5936	.4337	.6916	.2246	1.271	1.875	50.67	.2660	.2205
#1	78.30	14.04	2.403	1.591	.0170	.0059	-.0006	1.517	.0913
#2	78.96	14.13	2.380	1.586	.0173	.0057	-.0003	1.523	.0911

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4221	1.834	.0200	.0457
Stddev	.0019	.004	.0000	.0002
%RSD	.4513	.2002	.0076	.4768
#1	.4208	1.831	.0200	.0455
#2	.4235	1.836	.0200	.0459

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83951.	37413.	1771.7	5492.2
Stddev	118.	50.	3.2	9.0
%RSD	.14042	.13285	.17913	.16321
#1	84035.	37378.	1773.9	5498.6
#2	83868.	37448.	1769.4	5485.9

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 5:53:49 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.149	2.105	2.097	2.107	2.079	2.093	2.118	2.093	.2528
Stddev	.043	.038	.016	.015	.050	.037	.047	.007	.0059
%RSD	2.021	1.788	.7595	.7043	2.390	1.792	2.199	.3594	2.335
#1	2.179	2.131	2.086	2.097	2.114	2.119	2.151	2.088	.2570
#2	2.118	2.078	2.108	2.118	2.044	2.066	2.085	2.099	.2486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.084	2.110	2.103	2.093	2.097	2.095	2.094	40.72	39.95
Stddev	.045	.014	.017	.016	.012	.014	.013	.78	.60
%RSD	2.153	.6685	.8275	.7504	.5588	.6521	.6242	1.913	1.492
#1	2.116	2.100	2.090	2.082	2.088	2.085	2.085	41.27	40.37
#2	2.052	2.120	2.115	2.104	2.105	2.104	2.104	40.17	39.53
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.19	39.68	43.00	42.42	2.168	2.118	2.051	5.332	2.114
Stddev	.66	.78	.95	1.01	.009	.017	.037	.032	.012
%RSD	1.653	1.978	2.215	2.379	.4150	.8213	1.828	.6077	.5752
#1	40.66	40.24	43.67	43.13	2.162	2.105	2.078	5.309	2.105
#2	39.72	39.13	42.32	41.70	2.174	2.130	2.025	5.355	2.122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 5:53:49 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.112	2.086	F 2.289	F 2.255
Stddev	.015	.044	.018	.043
%RSD	.7259	2.112	.7949	1.923
#1	2.123	2.117	2.276	2.286
#2	2.101	2.055	2.301	2.225
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82250.	36592.	1742.1	5330.4
Stddev	1206.	686.	7.6	12.7
%RSD	1.4666	1.8734	.43433	.23851
#1	81397.	36107.	1747.4	5339.4
#2	83103.	37077.	1736.7	5321.4

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 5:59:43 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	.0000	.0000	.0003	.0001	-.0003	-.0001
Stddev	.0001	.0000	.0000	.0000	.0000	.0002	.0000	.0001	.0002
%RSD	121.4	57.82	99.67	417.8	6.152	54.85	5.725	45.18	196.3
#1	.0001	.0000	.0001	.0000	.0003	.0004	.0001	-.0002	.0000
#2	.0000	.0000	.0000	.0000	.0003	.0002	.0001	-.0004	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0005	.0001	.0016	.0006	.0008	.0003	-.0007	-.0006
Stddev	.0003	.0000	.0006	.0007	.0000	.0005	.0002	.0019	.0012
%RSD	177.2	.3499	478.3	46.66	3.076	54.33	54.67	258.6	211.2
#1	.0000	.0005	.0005	.0010	.0006	.0005	.0005	-.0021	-.0014
#2	.0004	.0005	-.0003	.0021	.0006	.0012	.0002	.0006	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042	.0068	-.0051	.0180	.0016	.0016	.0006	.0052	-.0001
Stddev	.0000	.0004	.0031	.0002	.0006	.0005	.0005	.0003	.0001
%RSD	.2753	5.882	59.29	.9541	35.85	33.07	84.98	6.464	90.64
#1	.0042	.0065	-.0073	.0181	.0020	.0020	.0009	.0050	-.0002
#2	.0042	.0070	-.0030	.0179	.0012	.0012	.0002	.0054	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 5:59:43 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	F .0010	.0076	.0005
Stddev	.0000	.0002	.0009	.0000
%RSD	173.4	18.05	11.17	5.759
#1	.0000	.0011	.0083	.0006
#2	.0000	.0009	.0070	.0005
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		.0010		
Low Limit		-.0010		

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83962.	37049.	1811.2	5718.0
Stddev	350.	3.	.1	4.5
%RSD	.41663	.00800	.00773	.07906
#1	83715.	37047.	1811.1	5721.2
#2	84210.	37052.	1811.3	5714.8

Zoom In Zoom Out

Sample Name: JA62028-8 Acquired: 12/3/2010 6:05:47 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1619	.0034	-.0002	.0032	.0336	.0202	.8172	.0054	-.0001
Stddev	.0000	.0000	.0000	.0001	.0000	.0001	.0044	.0001	.0001
%RSD	.0167	.5419	10.58	1.680	.1295	.2718	.5342	2.494	79.59
#1	.1619	.0034	-.0002	.0032	.0337	.0203	.8203	.0055	-.0001
#2	.1619	.0034	-.0002	.0031	.0336	.0202	.8141	.0053	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0089	.1326	.0041	.0008	.1192	.0004	.0000	16.04	15.16
Stddev	.0001	.0001	.0003	.0011	.0006	.0009	.000	.00	.06
%RSD	1.224	.1095	8.240	128.3	.4932	240.5	305.8	.0114	.4080
#1	.0089	.1325	.0044	.0016	.1187	.0010	.0000	16.04	15.11
#2	.0090	.1327	.0039	.0001	.1196	-.0003	-.0001	16.05	15.20

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	23.15	6.889	6.817	.6847	.0057	.0040	.0009	2.111	.0243
Stddev	.08	.020	.031	.0005	.0000	.0001	.0012	.003	.0003
%RSD	.3561	.2835	.4500	.0796	.1090	1.726	132.8	.1588	1.049
#1	23.09	6.875	6.839	.6851	.0057	.0041	.0001	2.109	.0245
#2	23.21	6.903	6.795	.6843	.0057	.0040	.0018	2.113	.0241

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1038	.9441	.0110	.0267
Stddev	.0000	.0035	.0001	.0003
%RSD	.0314	.3730	1.358	1.298
#1	.1038	.9466	.0109	.0265
#2	.1037	.9416	.0111	.0270

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84225.	37850.	1783.7	5583.0
Stddev	493.	67.	7.9	21.1
%RSD	.58507	.17577	.44076	.37863
#1	83876.	37803.	1789.3	5598.0
#2	84573.	37897.	1778.2	5568.1

Zoom In Zoom Out

Sample Name: JA62028-9 Acquired: 12/3/2010 6:11:43 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.8610	.0048	-.0001	.0421	.3002	.2119	2.653	.1644	.0024
Stddev	.0219	.0001	.0000	.0003	.0024	.0003	.013	.0005	.0004
%RSD	2.541	1.560	1.749	.7014	.7846	.1414	.4781	.3315	17.88
#1	.8765	.0048	-.0001	.0419	.3018	.2121	2.662	.1648	.0027
#2	.8455	.0047	-.0001	.0423	.2985	.2117	2.644	.1640	.0021

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0840	.6835	.0195	.0012	.6660	.0005	-.0018	65.45	187.0
Stddev	.0005	.0001	.0003	.0002	.0003	.0008	.0004	1.80	.0
%RSD	.6251	.0154	1.396	14.06	.0405	166.1	22.85	2.758	.0152
#1	.0844	.6835	.0193	.0013	.6662	.0011	-.0015	66.73	187.0
#2	.0836	.6836	.0197	.0011	.6658	-.0001	-.0021	64.18	187.0

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	126.7	35.16	31.72	1.924	.0363	.0047	-.0038	2.770	.5834
Stddev	3.8	.96	.71	.047	.0004	.0001	.0029	.002	.0010
%RSD	3.032	2.734	2.226	2.451	1.139	2.298	74.83	.0675	.1758
#1	129.4	35.84	32.22	1.957	.0366	.0048	-.0018	2.768	.5841
#2	124.0	34.48	31.22	1.890	.0360	.0047	-.0058	2.771	.5827

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.9392	5.006	.0418	.0397
Stddev	.0247	.015	.0006	.0006
%RSD	2.629	.3041	1.396	1.504
#1	.9567	5.016	.0423	.0401
#2	.9217	4.995	.0414	.0392

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82741.	35824.	1706.4	5149.6
Stddev	18.	952.	3.9	2.8
%RSD	.02163	2.6581	.22902	.05497
#1	82729.	35151.	1709.2	5147.6
#2	82754.	36497.	1703.7	5151.6

Zoom In Zoom Out

Sample Name: JA62700-1 Acquired: 12/3/2010 6:17:42 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0169	.0001	-.0002	.1574	1.165	.2111	1.470	3.218	.0090
Stddev	.0004	.0000	.0000	.0000	.013	.0011	.016	.008	.0003
%RSD	2.160	.6130	3.085	.0089	1.120	.5416	1.108	.2501	3.064
#1	.0172	.0001	-.0002	.1574	1.174	.2120	1.481	3.224	.0092
#2	.0167	.0001	-.0002	.1575	1.156	.2103	1.458	3.212	.0088

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	1.371	.0325	.0267	-.0017	.0078	-.0016	.0021	4.740	1.469
Stddev	.013	.0005	.0005	.0004	.0006	.0014	.0004	.079	.017
%RSD	.9444	1.493	1.694	24.20	7.205	89.04	17.10	1.664	1.143
#1	1.380	.0328	.0270	-.0014	.0074	-.0026	.0024	4.795	1.481
#2	1.361	.0321	.0264	-.0019	.0082	-.0006	.0019	4.684	1.457

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	161.0	355.6	.1857	.4532	.0998	.0309	-.0209	5.595	.0372
Stddev	2.2	4.6	.0104	.0051	.0008	.0003	.0005	.002	.0001
%RSD	1.389	1.304	5.609	1.119	.7522	1.059	2.182	.0366	.2519
#1	162.5	358.9	.1930	.4568	.1004	.0311	-.0206	5.596	.0372
#2	159.4	352.4	.1783	.4496	.0993	.0307	-.0212	5.593	.0371

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0063	.0620	.0266	.0138
Stddev	.0001	.0001	.0004	.0017
%RSD	2.121	.1315	1.582	12.23
#1	.0064	.0620	.0269	.0150
#2	.0062	.0619	.0263	.0126

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78253.	35757.	1624.7	5108.9
Stddev	427.	649.	1.9	11.9
%RSD	.54534	1.8147	.11953	.23327
#1	77951.	35298.	1623.4	5100.4
#2	78555.	36216.	1626.1	5117.3

Zoom In Zoom Out

Sample Name: MP55883-MB1 Acquired: 12/3/2010 6:23:37 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0002	-.0002	.0001	.0006	.0002	.0001	.0000
Stddev	.0001	.0000	.0000	.0001	.0000	.0001	.0000	.0002	.0003
%RSD	61.07	424.8	14.05	26.71	33.09	23.59	17.57	353.2	6279.
#1	.0000	.0000	.0002	-.0002	.0002	.0005	.0002	.0002	.0002
#2	.0001	.0000	.0002	-.0003	.0001	.0007	.0002	-.0001	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0003	.0013	-.0005	-.0010	-.0001	.0021	.0007	.0023	.0106
Stddev	.0001	.0001	.0006	.0007	.0002	.0018	.0007	.0012	.0002
%RSD	23.06	11.70	117.4	72.41	181.9	85.70	101.8	50.66	1.811
#1	.0003	.0012	-.0001	-.0015	.0000	.0033	.0002	.0015	.0107
#2	.0004	.0014	-.0009	-.0005	-.0003	.0008	.0012	.0031	.0105

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0139	-.0012	-.0128	.0193	.0005	.0001	.0006	.0205	-.0002
Stddev	.0002	.0021	.0138	.0024	.0002	.0000	.0000	.0015	.0002
%RSD	1.180	174.3	108.1	12.41	42.84	18.70	1.443	7.472	140.6
#1	.0140	-.0026	-.0226	.0210	.0006	.0000	.0006	.0195	-.0004
#2	.0138	.0003	-.0030	.0176	.0003	.0001	.0006	.0216	.0000

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0007	.0031	-.0001
Stddev	.000	.0002	.0006	.0000
%RSD	27.69	22.95	19.60	4.945
#1	.0000	.0006	.0036	-.0001
#2	.0000	.0009	.0027	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83493.	36924.	1766.7	5659.6
Stddev	779.	276.	2.5	9.0
%RSD	.93296	.74629	.14098	.15962
#1	84043.	37118.	1764.9	5653.2
#2	82942.	36729.	1768.4	5666.0

Zoom In Zoom Out

Sample Name: MP55883-MB2 Acquired: 12/3/2010 6:29:39 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0002	-.0001	.0008	.0009	.0001	.0006	-.0001
Stddev	.0000	.000	.0001	.0001	.0002	.0000	.0000	.0002	.0002
%RSD	4.884	37.71	67.23	87.57	29.53	3.001	16.37	36.17	137.9
#1	.0001	.0000	.0001	-.0002	.0009	.0009	.0001	.0004	-.0002
#2	.0001	.0000	.0003	-.0001	.0006	.0009	.0001	.0007	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0015	-.0004	-.0009	-.0010	.0024	.0004	.0037	.0047
Stddev	.0004	.0003	.0001	.0000	.0001	.0001	.0005	.0024	.0005
%RSD	387.5	21.72	27.04	1.441	12.42	4.504	113.5	63.00	11.27
#1	-.0002	.0018	-.0005	-.0009	-.0011	.0023	.0008	.0054	.0050
#2	.0004	.0013	-.0004	-.0009	-.0009	.0024	.0001	.0021	.0043

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0098	.0049	-.0094	.0150	.0001	.0000	.0004	.0116	.0000
Stddev	.0004	.0066	.0055	.0024	.0004	.0000	.0005	.0005	.0001
%RSD	3.734	135.0	58.08	15.93	842.4	8.930	124.9	3.897	408.9
#1	.0100	.0002	-.0133	.0167	.0004	.0000	.0007	.0113	.0000
#2	.0095	.0095	-.0056	.0133	-.0003	.0000	.0000	.0119	.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	-.0001	.0020	-.0001
Stddev	.000	.0002	.0009	.0001
%RSD	82.67	434.5	48.14	78.43
#1	.0000	-.0002	.0026	-.0002
#2	-.0001	.0001	.0013	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82577.	36300.	1755.2	5629.0
Stddev	163.	688.	2.9	28.9
%RSD	.19718	1.8951	.16602	.51428
#1	82462.	35814.	1757.3	5649.5
#2	82692.	36786.	1753.2	5608.5

Zoom In Zoom Out

Sample Name: MP55883-LC1 Acquired: 12/3/2010 6:35:41 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5290	.5021	.4894	.5041	.4998	.4806	.5088	.4872	.1903
Stddev	.0027	.0024	.0004	.0000	.0008	.0014	.0000	.0013	.0000
%RSD	.5016	.4731	.0879	.0077	.1630	.2846	.0087	.2606	.0214
#1	.5271	.5004	.4891	.5041	.5004	.4796	.5089	.4863	.1903
#2	.5309	.5038	.4897	.5041	.4993	.4815	.5088	.4881	.1902

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4933	.5000	.4933	.4543	.4756	.4822	.4950	4.867	5.220
Stddev	.0002	.0016	.0015	.0014	.0003	.0005	.0003	.036	.007
%RSD	.0487	.3118	.3031	.3151	.0628	.0999	.0623	.7418	.1325
#1	.4935	.4989	.4922	.4533	.4754	.4825	.4948	4.842	5.215
#2	.4931	.5011	.4943	.4553	.4758	.4818	.4952	4.893	5.225

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.435	5.140	10.61	10.52	.0008	.5113	.0012	.2533	-.0009
Stddev	.020	.013	.03	.07	.0001	.0005	.0001	.0007	.0003
%RSD	.3717	.2565	.2915	.7064	6.761	.0905	12.63	.2760	31.73
#1	5.421	5.130	10.59	10.47	.0007	.5109	.0013	.2528	-.0007
#2	5.449	5.149	10.63	10.58	.0008	.5116	.0011	.2538	-.0011

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0004	.4978	.0189	.0040
Stddev	.0000	.0012	.0001	.0002
%RSD	12.26	.2450	.2877	6.168
#1	.0004	.4969	.0189	.0041
#2	.0004	.4987	.0189	.0038

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81410.	36308.	1722.0	5509.6
Stddev	17.	164.	5.0	6.4
%RSD	.02028	.45101	.29170	.11666
#1	81421.	36192.	1718.4	5505.1
#2	81398.	36424.	1725.5	5514.2

Zoom In Zoom Out

Sample Name: MP55883-S1 Acquired: 12/3/2010 6:41:30 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.114	.0500	.0488	.4986	.1998	.2368	.5200	.4892	.0503
Stddev	.012	.0002	.0001	.0000	.0004	.0003	.0007	.0008	.0001
%RSD	.5490	.4002	.1474	.0052	.1841	.1063	.1399	.1702	.1043
#1	2.105	.0498	.0488	.4986	.2001	.2370	.5205	.4886	.0503
#2	2.122	.0501	.0489	.4986	.1995	.2366	.5194	.4897	.0504

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4850	.4922	1.995	1.849	.4774	1.955	.5061	2.546	43.51
Stddev	.0004	.0003	.004	.001	.0005	.002	.0014	.018	.11
%RSD	.0894	.0589	.1863	.0305	.0993	.0924	.2847	.6936	.2562
#1	.4853	.4924	1.992	1.849	.4777	1.957	.5071	2.533	43.43
#2	.4847	.4920	1.997	1.848	.4771	1.954	.5051	2.558	43.59

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.646	34.61	27.56	37.82	.0120	.0012	.0012	8.940	-.0026
Stddev	.013	.18	.14	.19	.0005	.0000	.0005	.004	.0009
%RSD	.7951	.5176	.4939	.5083	3.799	2.826	37.77	.0391	34.44
#1	1.636	34.48	27.46	37.68	.0117	.0011	.0015	8.938	-.0032
#2	1.655	34.73	27.65	37.96	.0124	.0012	.0009	8.943	-.0020

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0876	.0179	.0324	.0004
Stddev	.0006	.0004	.0002	.0001
%RSD	.6298	2.137	.5462	19.97
#1	.0872	.0182	.0323	.0004
#2	.0880	.0177	.0325	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81628.	36338.	1685.8	5355.1
Stddev	46.	68.	.3	3.2
%RSD	.05670	.18801	.01489	.05916
#1	81661.	36290.	1685.6	5357.3
#2	81595.	36386.	1685.9	5352.8

Zoom In Zoom Out

Sample Name: MP55883-S2 Acquired: 12/3/2010 6:47:19 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.121	.0497	.0488	.4994	.1978	.2371	.5124	.4890	.0502
Stddev	.004	.0000	.0001	.0009	.0001	.0003	.0019	.0005	.0006
%RSD	.1726	.0429	.1601	.1713	.0671	.1138	.3711	.1086	1.259
#1	2.123	.0497	.0488	.5000	.1979	.2373	.5111	.4887	.0497
#2	2.118	.0497	.0487	.4988	.1977	.2369	.5138	.4894	.0506

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4805	.4939	2.001	1.853	.4813	1.957	.5064	2.541	43.27
Stddev	.0018	.0006	.001	.005	.0002	.001	.0008	.001	.06
%RSD	.3772	.1185	.0615	.2530	.0345	.0628	.1677	.0181	.1308
#1	.4793	.4935	2.000	1.850	.4814	1.956	.5058	2.540	43.31
#2	.4818	.4943	2.002	1.857	.4812	1.958	.5070	2.541	43.23

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.621	34.48	27.53	38.16	.0128	.0006	.0013	9.015	-.0026
Stddev	.003	.06	.10	.13	.0005	.0002	.0000	.000	.0001
%RSD	.1784	.1662	.3620	.3419	4.268	30.24	3.690	.0041	4.189
#1	1.623	34.52	27.60	38.25	.0131	.0007	.0012	9.015	-.0025
#2	1.619	34.44	27.46	38.07	.0124	.0005	.0013	9.015	-.0027

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0882	.0173	.0324	.0006
Stddev	.0002	.0001	.0005	.0000
%RSD	.2059	.8491	1.530	8.037
#1	.0884	.0172	.0320	.0005
#2	.0881	.0174	.0327	.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81992.	36336.	1685.8	5345.1
Stddev	128.	245.	.4	.1
%RSD	.15626	.67446	.02123	.00249
#1	81901.	36163.	1686.0	5345.1
#2	82083.	36509.	1685.5	5345.2

Zoom In Zoom Out

Sample Name: JA61390-1 Acquired: 12/3/2010 6:53:09 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0586	.0001	.0001	-.0001	.0028	.0001	.0204	.0012	.0000
Stddev	.0004	.0000	.0000	.0000	.0003	.0002	.0000	.0002	.0002
%RSD	.6283	2.051	24.50	16.88	11.92	211.3	.0815	13.92	401.6
#1	.0584	.0001	.0002	-.0002	.0026	-.0001	.0204	.0011	.0002
#2	.0589	.0001	.0001	-.0001	.0031	.0003	.0204	.0013	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0015	.0058	-.0016	-.0012	.0004	.0015	.0006	.4853	19.61
Stddev	.0002	.0000	.0001	.0006	.0001	.0009	.0009	.0063	.04
%RSD	11.13	.3024	3.940	47.42	28.89	61.83	149.9	1.297	.2159
#1	.0016	.0058	-.0016	-.0008	.0004	.0022	.0013	.4808	19.64
#2	.0013	.0059	-.0017	-.0016	.0005	.0009	.0000	.4897	19.58

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.5749	10.90	1.038	11.37	.0124	.0002	-.0004	8.605	-.0027
Stddev	.0032	.05	.017	.15	.0002	.0001	.0003	.003	.0001
%RSD	.5585	.4259	1.664	1.289	1.565	54.27	79.96	.0380	4.611
#1	.5726	10.86	1.026	11.26	.0125	.0003	-.0002	8.603	-.0028
#2	.5772	10.93	1.050	11.47	.0122	.0001	-.0005	8.608	-.0026

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0847	.0166	.0098	-.0002
Stddev	.0006	.0000	.0004	.0000
%RSD	.6878	.0458	3.587	10.95
#1	.0843	.0166	.0101	-.0001
#2	.0851	.0166	.0096	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82075.	36498.	1727.5	5531.4
Stddev	161.	77.	1.6	1.8
%RSD	.19630	.21221	.09295	.03184
#1	81961.	36444.	1726.3	5532.6
#2	82189.	36553.	1728.6	5530.1

Zoom In Zoom Out

Sample Name: MP55883-SD1 Acquired: 12/3/2010 6:59:08 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0565	.0000	.0003	-.0001	.0036	.0034	.0214	.0018	.0003
Stddev	.0025	.0000	.0002	.0005	.0011	.0035	.0012	.0007	.0003
%RSD	4.345	54.70	54.95	368.7	30.00	104.6	5.592	39.39	98.75
#1	.0582	.0000	.0005	-.0005	.0044	.0059	.0222	.0024	.0001
#2	.0548	.0001	.0002	.0002	.0029	.0009	.0205	.0013	.0006

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0018	.0187	-.0033	.0019	.0016	.0060	.0038	.4711	19.33
Stddev	.0000	.0000	.0004	.0030	.0006	.0090	.0005	.0037	.59
%RSD	2.363	.2143	12.67	163.0	35.07	151.4	14.28	.7949	3.043
#1	.0017	.0187	-.0030	-.0003	.0020	-.0004	.0034	.4738	19.74
#2	.0018	.0188	-.0036	.0040	.0012	.0124	.0042	.4685	18.91

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.5842	10.53	.9229	10.75	.0135	.0001	.0026	8.502	-.0024
Stddev	.0192	.29	.0185	.45	.0006	.0001	.0011	.041	.0014
%RSD	3.291	2.711	2.006	4.200	4.743	87.00	41.90	.4811	60.13
#1	.5978	10.73	.9360	11.07	.0139	.0001	.0019	8.473	-.0014
#2	.5706	10.33	.9098	10.43	.0130	.0000	.0034	8.531	-.0034

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0817	.0165	.0067	-.0013
Stddev	.0032	.0021	.0015	.0003
%RSD	3.964	12.87	22.46	22.96
#1	.0840	.0180	.0056	-.0015
#2	.0794	.0150	.0078	-.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80452.	37431.	1767.2	5653.4
Stddev	3888.	1296.	9.9	18.1
%RSD	4.8321	3.4633	.56030	.32071
#1	77703.	36514.	1774.2	5666.2
#2	83201.	38347.	1760.2	5640.6

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 7:05:10 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.197	2.143	2.099	2.105	2.111	2.119	2.151	2.080	.2567
Stddev	.012	.005	.000	.001	.021	.007	.016	.003	.0018
%RSD	.5436	.2235	.0099	.0382	.9865	.3468	.7418	.1284	.6971
#1	2.206	2.147	2.100	2.104	2.096	2.114	2.140	2.078	.2554
#2	2.189	2.140	2.099	2.105	2.126	2.124	2.162	2.082	.2580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.117	2.098	2.102	2.087	2.083	2.100	2.100	41.64	40.76
Stddev	.015	.003	.002	.006	.002	.001	.002	.19	.01
%RSD	.6923	.1307	.1075	.2761	.1150	.0487	.0805	.4601	.0366
#1	2.107	2.097	2.103	2.083	2.081	2.099	2.099	41.77	40.75
#2	2.128	2.100	2.100	2.092	2.085	2.100	2.102	41.50	40.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.94	40.48	43.90	43.34	2.174	2.119	2.079	5.338	2.109
Stddev	.03	.04	.38	.34	.000	.002	.008	.005	.002
%RSD	.0768	.0988	.8653	.7866	.0098	.0918	.3672	.0932	.0768
#1	40.97	40.51	44.17	43.58	2.174	2.118	2.073	5.342	2.108
#2	40.92	40.45	43.63	43.10	2.174	2.121	2.084	5.335	2.110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 7:05:10 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.144	2.116	F 2.286	F 2.282
Stddev	.024	.015	.004	.016
%RSD	1.126	.7286	.1633	.7163
#1	2.126	2.106	2.284	2.270
#2	2.161	2.127	2.289	2.293
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81293.	35926.	1727.0	5314.5
Stddev	233.	239.	2.0	.8
%RSD	.28626	.66448	.11514	.01532
#1	81457.	35758.	1725.6	5315.0
#2	81128.	36095.	1728.4	5313.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 7:11:05 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0001	.0001	-.0001	.0002	.0002	.0001	.0001	.0000
Stddev	.0000	.0000	.0000	.0000	.0004	.0000	.0000	.0001	.0004
%RSD	2.024	30.78	22.57	17.01	151.4	2.098	11.11	121.0	1056.
#1	.0001	.0000	.0000	-.0001	.0005	.0002	.0001	.0000	-.0002
#2	.0001	.0001	.0001	-.0001	.0000	.0002	.0001	.0001	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0003	-.0002	.0008	-.0001	.0011	.0008	.0015	-.0025
Stddev	.0002	.0000	.0002	.0001	.0003	.0003	.0003	.0011	.0006
%RSD	66.95	10.39	65.27	10.67	326.8	23.81	36.25	69.45	25.67
#1	.0005	.0002	-.0004	.0009	-.0003	.0013	.0010	.0023	-.0029
#2	.0002	.0003	-.0001	.0008	.0001	.0010	.0006	.0008	-.0020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041	.0047	-.0109	.0140	.0014	.0017	.0005	.0044	-.0002
Stddev	.0001	.0065	.0038	.0002	.0001	.0003	.0002	.0004	.0001
%RSD	2.368	138.6	35.11	1.719	3.724	19.22	47.26	8.456	40.60
#1	.0040	.0001	-.0137	.0138	.0014	.0020	.0007	.0041	-.0002
#2	.0042	.0093	-.0082	.0142	.0013	.0015	.0003	.0047	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 7:11:05 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0006	.0074	.0006
Stddev	.0000	.0001	.0009	.0000
%RSD	28.18	16.38	11.72	5.961
#1	.0000	.0006	.0081	.0006
#2	.0001	.0007	.0068	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83829.	37095.	1786.4	5666.1
Stddev	3.	19.	1.3	6.8
%RSD	.00354	.05241	.07046	.11944
#1	83826.	37108.	1787.3	5670.9
#2	83831.	37081.	1785.5	5661.3

Zoom In Zoom Out

Sample Name: JA61390-3 Acquired: 12/3/2010 7:17:10 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0911	.0002	.0002	.0009	-.0004	-.0011	6.435	.0023	.0007
Stddev	.0005	.0000	.0000	.0001	.0002	.0002	.044	.0001	.0003
%RSD	.5940	10.19	20.75	7.787	39.72	17.10	.6879	5.164	39.11
#1	.0908	.0002	.0002	.0010	-.0003	-.0010	6.466	.0022	.0009
#2	.0915	.0002	.0003	.0009	-.0005	-.0013	6.403	.0024	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0026	-.0005	.0101	-.0036	.0010	-.0007	.0005	-.0284	120.0
Stddev	.0001	.0001	.0005	.0002	.0012	.0000	.0001	.0027	1.4
%RSD	3.223	14.81	5.134	6.200	128.9	.6987	29.98	9.425	1.196
#1	.0027	-.0005	.0105	-.0035	.0018	-.0007	.0004	-.0303	119.0
#2	.0026	-.0004	.0097	-.0038	.0001	-.0007	.0006	-.0265	121.0

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	18.15	39.25	3.329	77.35	1.592	.0066	-.0024	19.71	-.0075
Stddev	.18	.46	.026	.61	.004	.0000	.0002	.10	.0002
%RSD	.9744	1.175	.7927	.7945	.2302	.4413	9.399	.4915	2.480
#1	18.03	38.93	3.311	76.92	1.595	.0066	-.0022	19.78	-.0077
#2	18.28	39.58	3.348	77.79	1.590	.0066	-.0025	19.64	-.0074

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.5006	-.0167	.0358	.0053
Stddev	.0036	.0000	.0002	.0004
%RSD	.7282	.2214	.6922	7.056
#1	.4980	-.0167	.0356	.0056
#2	.5032	-.0166	.0360	.0050

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80226.	35312.	1638.3	5167.7
Stddev	223.	164.	6.8	14.4
%RSD	.27757	.46394	.41780	.27886
#1	80069.	35428.	1633.5	5157.6
#2	80383.	35196.	1643.2	5177.9

Zoom In Zoom Out

Sample Name: JA61390-4 Acquired: 12/3/2010 7:23:19 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0944	.0003	.0002	.0042	.0004	.0067	9.447	.0044	.0010
Stddev	.0007	.0000	.0001	.0000	.0001	.0003	.050	.0001	.0000
%RSD	.7899	3.889	50.14	.4995	27.61	5.013	.5307	2.352	1.912
#1	.0939	.0003	.0001	.0042	.0003	.0070	9.482	.0045	.0010
#2	.0949	.0003	.0003	.0042	.0004	.0065	9.411	.0043	.0010

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0043	.0107	.0011	-.0014	.0016	.0000	.0004	.8152	98.03
Stddev	.0003	.0004	.0007	.0011	.0001	.000	.0005	.0022	.41
%RSD	6.695	3.689	69.36	81.40	5.539	949.0	125.3	.2720	.4178
#1	.0045	.0110	.0016	-.0022	.0016	-.0003	.0008	.8136	97.74
#2	.0041	.0104	.0005	-.0006	.0015	.0002	.0000	.8168	98.32

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	24.79	45.87	1.959	76.57	.2582	.0014	-.0022	8.044	-.0078
Stddev	.17	.35	.026	2.11	.0001	.0002	.0008	.012	.0001
%RSD	.7014	.7690	1.307	2.759	.0507	13.70	33.63	.1513	1.577
#1	24.67	45.62	1.941	75.08	.2583	.0015	-.0028	8.053	-.0077
#2	24.91	46.12	1.977	78.06	.2581	.0012	-.0017	8.035	-.0079

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4774	.0230	.0250	.0022
Stddev	.0042	.0004	.0003	.0000
%RSD	.8785	1.784	1.109	1.885
#1	.4744	.0233	.0252	.0022
#2	.4804	.0227	.0248	.0023

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81041.	35826.	1650.8	5187.8
Stddev	496.	57.	.3	1.4
%RSD	.61149	.16013	.01659	.02681
#1	80690.	35866.	1651.0	5188.8
#2	81391.	35785.	1650.6	5186.8

Zoom In Zoom Out

Sample Name: JA61390-6 Acquired: 12/3/2010 7:29:29 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0011	.0000	.0002	-.0002	.0003	.0008	.0001	-.0001	-.0002
Stddev	.0000	.000	.0001	.0000	.0001	.0003	.0000	.0000	.0000
%RSD	2.218	572.4	44.14	7.831	35.86	33.90	10.78	12.62	20.14
#1	.0011	.0000	.0003	-.0002	.0002	.0006	.0001	-.0001	-.0002
#2	.0011	.0000	.0002	-.0002	.0004	.0011	.0001	-.0001	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0074	-.0009	-.0007	.0004	.0020	.0003	.0013	.0879
Stddev	.0003	.0000	.0004	.0001	.0014	.0008	.0003	.0018	.0008
%RSD	254.2	.1801	49.24	20.49	347.5	39.15	109.9	141.1	.9429
#1	.0003	.0075	-.0012	-.0008	-.0006	.0025	.0001	.0025	.0885
#2	-.0001	.0074	-.0006	-.0006	.0014	.0014	.0006	.0000	.0873

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0107	.0065	-.0006	.0329	.0014	.0003	.0000	.0144	-.0001
Stddev	.0004	.0033	.0000	.0020	.0002	.0000	.000	.0002	.0002
%RSD	3.837	51.39	7.060	6.231	12.60	18.64	156.4	1.335	348.4
#1	.0110	.0041	-.0006	.0343	.0015	.0003	-.0001	.0143	-.0002
#2	.0104	.0088	-.0006	.0314	.0013	.0002	.0000	.0146	.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0000	.0037	-.0002
Stddev	.0000	.0002	.0002	.0000
%RSD	17.86	527.1	4.124	12.90
#1	.0001	-.0001	.0036	-.0002
#2	.0000	.0002	.0038	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82362.	36642.	1754.5	5622.8
Stddev	94.	25.	1.9	10.7
%RSD	.11366	.06729	.10950	.19008
#1	82429.	36624.	1755.9	5630.3
#2	82296.	36659.	1753.1	5615.2

Zoom In Zoom Out

Sample Name: JA61390-7 Acquired: 12/3/2010 7:35:32 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0896	.0000	.0000	.0003	.0020	.0041	1.043	.0040	.0001
Stddev	.0001	.0000	.000	.0000	.0001	.0006	.003	.0000	.0000
%RSD	.0625	16.26	209.0	8.004	5.087	14.02	.2796	.6891	6.331
#1	.0896	.0000	.0000	.0003	.0021	.0045	1.045	.0040	.0001
#2	.0896	.0000	.0000	.0003	.0019	.0037	1.041	.0040	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0026	.0072	-.0016	-.0007	.0014	-.0008	.0001	.5992	56.61
Stddev	.0003	.0003	.0003	.0002	.0001	.0000	.0005	.0034	.07
%RSD	9.734	4.250	21.38	27.60	3.985	3.414	721.0	.5686	.1253
#1	.0028	.0074	-.0018	-.0006	.0014	-.0008	-.0003	.6016	56.56
#2	.0024	.0070	-.0013	-.0009	.0013	-.0009	.0004	.5968	56.66

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.7552	23.87	2.703	170.9	.0866	.0012	-.0001	9.635	-.0031
Stddev	.0019	.04	.018	1.6	.0000	.0001	.0004	.039	.0002
%RSD	.2506	.1577	.6609	.9301	.0265	9.501	413.6	.4053	7.288
#1	.7565	23.89	2.716	172.0	.0866	.0013	.0002	9.607	-.0033
#2	.7538	23.84	2.690	169.7	.0865	.0012	-.0004	9.663	-.0030

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2535	.0087	.0124	.0005
Stddev	.0003	.0004	.0002	.0002
%RSD	.1283	4.808	1.608	29.28
#1	.2537	.0089	.0122	.0004
#2	.2533	.0084	.0125	.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81147.	35524.	1687.1	5258.1
Stddev	406.	187.	7.3	20.4
%RSD	.50066	.52638	.43075	.38881
#1	80860.	35392.	1692.3	5272.6
#2	81435.	35656.	1682.0	5243.7

Zoom In Zoom Out

Sample Name: JA61390-10 Acquired: 12/3/2010 7:41:37 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0487	.0001	.0007	-.0001	.0002	.0075	2.563	.0088	.0002
Stddev	.0002	.0000	.0000	.0001	.0002	.0002	.002	.0001	.0002
%RSD	.4761	6.095	3.315	65.44	107.1	2.027	.0689	.8605	67.92
#1	.0485	.0001	.0007	-.0001	.0003	.0076	2.564	.0087	.0004
#2	.0489	.0001	.0007	.0000	.0000	.0074	2.561	.0088	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0050	.0752	-.0025	-.0039	.0016	.0015	.0007	.1060	27.40
Stddev	.0001	.0003	.0004	.0001	.0004	.0001	.0001	.0030	.15
%RSD	2.555	.3411	16.19	3.571	23.06	6.807	15.05	2.798	.5537
#1	.0049	.0754	-.0022	-.0040	.0019	.0014	.0008	.1081	27.29
#2	.0051	.0750	-.0028	-.0038	.0013	.0016	.0007	.1039	27.51

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.2717	12.42	10.14	19.26	.0395	.0022	-.0004	15.71	-.0044
Stddev	.0033	.08	.10	.16	.0002	.0003	.0009	.07	.0006
%RSD	1.226	.6823	.9994	.8474	.6021	11.50	258.2	.4527	13.03
#1	.2694	12.36	10.07	19.14	.0393	.0024	-.0010	15.66	-.0040
#2	.2741	12.48	10.21	19.37	.0397	.0020	.0003	15.76	-.0048

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1051	-.0092	.0204	.0002
Stddev	.0007	.0005	.0008	.0000
%RSD	.6218	4.956	3.912	17.37
#1	.1046	-.0095	.0210	.0002
#2	.1055	-.0089	.0199	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81596.	36327.	1722.6	5511.3
Stddev	7.	41.	9.7	16.2
%RSD	.00907	.11207	.56339	.29454
#1	81591.	36298.	1729.5	5522.8
#2	81601.	36356.	1715.7	5499.8

Zoom In Zoom Out

Sample Name: JA61390-13 Acquired: 12/3/2010 7:47:36 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0256	.0000	.0002	-.0003	.0013	.0038	.0168	.0016	-.0001
Stddev	.0002	.0000	.0002	.0001	.0005	.0002	.0000	.0000	.0003
%RSD	.7895	97.68	81.37	20.61	39.62	4.836	.0352	.1335	568.9
#1	.0255	.0000	.0003	-.0002	.0016	.0037	.0168	.0016	-.0003
#2	.0258	.0000	.0001	-.0003	.0009	.0039	.0168	.0016	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0033	.0040	.0017	-.0014	.0001	.0017	.0019	.0855	65.44
Stddev	.0003	.0002	.0004	.0004	.0002	.0002	.0001	.0021	.07
%RSD	8.483	6.124	21.44	28.75	334.7	14.70	7.001	2.448	.1058
#1	.0031	.0038	.0019	-.0017	.0002	.0019	.0018	.0841	65.49
#2	.0035	.0042	.0014	-.0011	-.0001	.0015	.0020	.0870	65.39

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1654	21.05	5.651	72.45	.0964	.0056	.0003	8.179	.0025
Stddev	.0002	.05	.043	1.22	.0001	.0000	.0007	.009	.0002
%RSD	.1086	.2610	.7661	1.689	.0954	.2826	248.6	.1104	6.629
#1	.1653	21.01	5.620	71.59	.0965	.0056	-.0002	8.185	.0024
#2	.1655	21.09	5.682	73.32	.0963	.0056	.0008	8.172	.0027

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2243	-.0044	.0124	.0002
Stddev	.0016	.0001	.0004	.0000
%RSD	.6943	2.600	3.210	15.82
#1	.2232	-.0045	.0121	.0002
#2	.2254	-.0043	.0127	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80783.	35845.	1677.0	5315.4
Stddev	117.	22.	4.2	2.3
%RSD	.14525	.06124	.25257	.04349
#1	80700.	35829.	1674.0	5313.7
#2	80866.	35860.	1680.0	5317.0

Zoom In Zoom Out

Sample Name: JA61390-16 Acquired: 12/3/2010 7:53:42 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0000	.0001	-.0001	.0004	.0035	.0001	.0003	.0001
Stddev	.0000	.000	.0000	.0002	.0001	.0002	.0000	.0001	.0000
%RSD	50.71	172.3	15.76	147.5	17.07	4.357	28.44	40.78	53.11
#1	.0001	.0000	.0001	-.0002	.0004	.0034	.0001	.0004	.0001
#2	.0000	.0000	.0001	.0000	.0003	.0036	.0001	.0002	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0008	-.0010	-.0007	-.0005	.0023	.0005	.0028	.0085
Stddev	.0001	.0001	.0005	.0007	.0002	.0003	.0006	.0008	.0010
%RSD	38.24	18.07	52.77	100.8	30.42	11.76	108.4	29.13	12.18
#1	.0001	.0009	-.0006	-.0013	-.0007	.0025	.0001	.0034	.0092
#2	.0003	.0007	-.0014	-.0002	-.0004	.0021	.0009	.0022	.0078

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0112	.0024	-.0111	.0273	.0007	.0001	.0000	.0209	-.0001
Stddev	.0005	.0008	.0066	.0016	.0002	.0000	.000	.0010	.0004
%RSD	4.481	32.30	59.56	5.895	22.05	21.54	268.8	4.917	282.9
#1	.0116	.0029	-.0158	.0262	.0006	.0001	-.0001	.0216	.0001
#2	.0109	.0018	-.0064	.0284	.0008	.0001	.0000	.0202	-.0004

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0001	.0017	-.0001
Stddev	.000	.0001	.0007	.0000
%RSD	91.34	64.22	40.42	8.343
#1	.0000	.0002	.0022	-.0001
#2	.0000	.0001	.0012	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82817.	36818.	1738.5	5579.1
Stddev	622.	15.	22.9	67.2
%RSD	.75100	.04063	1.3147	1.2038
#1	83257.	36808.	1722.3	5531.6
#2	82378.	36829.	1754.7	5626.6

Zoom In Zoom Out

Sample Name: JA61927-1F Acquired: 12/3/2010 7:59:44 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1367	.0001	.0000	-.0005	.0003	.0011	1.791	.0019	.0001
Stddev	.0002	.0000	.0002	.0001	.0003	.0000	.000	.0001	.0001
%RSD	.1253	1.991	400.7	18.72	99.37	.5006	.0000	7.504	54.18
#1	.1366	.0001	-.0001	-.0005	.0005	.0011	1.791	.0018	.0002
#2	.1369	.0001	.0002	-.0006	.0001	.0011	1.791	.0020	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0009	.0085	-.0005	-.0012	.0001	.0009	.0009	.0059	58.70
Stddev	.0001	.0000	.0005	.0005	.0003	.0014	.0003	.0016	.51
%RSD	7.219	.0581	108.9	39.64	250.2	149.2	32.93	26.15	.8607
#1	.0009	.0085	-.0001	-.0009	.0004	.0019	.0007	.0070	58.34
#2	.0010	.0085	-.0008	-.0015	-.0001	-.0001	.0011	.0048	59.06

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0345	15.69	1.712	15.64	.0413	.0036	-.0005	2.746	-.0025
Stddev	.0007	.08	.000	.03	.0000	.0000	.0003	.002	.0006
%RSD	2.132	.4975	.0030	.1705	.0948	1.134	54.54	.0701	22.31
#1	.0339	15.63	1.712	15.62	.0412	.0036	-.0003	2.745	-.0021
#2	.0350	15.74	1.712	15.66	.0413	.0036	-.0007	2.747	-.0029

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.999	-.0023	.0100	.0004
Stddev	.006	.0000	.0001	.0001
%RSD	.2806	1.241	.7587	24.48
#1	1.995	-.0023	.0101	.0004
#2	2.003	-.0023	.0100	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81450.	36158.	1684.1	5403.2
Stddev	62.	62.	2.3	13.5
%RSD	.07664	.17271	.13454	.25051
#1	81406.	36114.	1685.7	5412.8
#2	81494.	36202.	1682.5	5393.6

Zoom In Zoom Out

Sample Name: JA61934-1 Acquired: 12/3/2010 8:05:41 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0266	.0000	.0002	.0000	.0013	.0097	.0295	.0022	-.0001
Stddev	.0005	.0000	.0000	.000	.0001	.0003	.0000	.0002	.0001
%RSD	2.049	85.00	10.37	50.41	11.60	2.829	.1553	7.952	102.5
#1	.0262	.0000	.0002	.0000	.0012	.0095	.0295	.0021	-.0002
#2	.0270	.0000	.0002	.0000	.0014	.0099	.0294	.0023	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0020	.0196	.0000	-.0020	.0007	.0013	.0007	.3677	16.48
Stddev	.0001	.0004	.0001	.0001	.0005	.0007	.0001	.0036	.38
%RSD	6.117	2.029	284.7	2.982	64.11	48.89	20.57	.9712	2.323
#1	.0019	.0194	.0001	-.0021	.0010	.0018	.0008	.3652	16.21
#2	.0021	.0199	.0000	-.0020	.0004	.0009	.0006	.3702	16.76

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.4821	4.089	2.723	11.76	.1373	.0018	.0008	4.563	-.0014
Stddev	.0096	.099	.061	.25	.0000	.0001	.0000	.001	.0001
%RSD	1.983	2.413	2.241	2.158	.0341	7.837	1.496	.0233	4.834
#1	.4753	4.020	2.680	11.58	.1372	.0019	.0008	4.562	-.0014
#2	.4888	4.159	2.766	11.94	.1373	.0017	.0008	4.563	-.0013

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0662	.0092	.0068	.0005
Stddev	.0014	.0001	.0001	.0000
%RSD	2.061	.9351	1.478	10.03
#1	.0653	.0091	.0069	.0005
#2	.0672	.0093	.0067	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81555.	36380.	1701.2	5518.4
Stddev	126.	571.	1.8	5.5
%RSD	.15472	1.5694	.10814	.09899
#1	81644.	36784.	1699.9	5514.6
#2	81466.	35977.	1702.5	5522.3

Zoom In Zoom Out

Sample Name: JA61934-2 Acquired: 12/3/2010 8:11:41 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0258	.0000	.0001	.0006	.0038	.0080	.0394	.0039	.0001
Stddev	.0002	.0000	.0000	.0001	.0002	.0009	.0016	.0001	.0002
%RSD	.8878	33.83	2.496	12.34	6.179	11.45	3.979	3.600	115.0
#1	.0256	.0000	.0001	.0006	.0036	.0074	.0383	.0040	.0000
#2	.0260	.0000	.0001	.0007	.0039	.0087	.0405	.0038	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0044	.0184	.0000	-.0017	.0065	.0020	.0013	1.114	16.56
Stddev	.0001	.0004	.000	.0010	.0002	.0006	.0005	.005	.05
%RSD	1.563	1.921	494.6	61.82	2.551	29.65	36.26	.4970	.2941
#1	.0044	.0186	.0001	-.0024	.0064	.0024	.0010	1.110	16.59
#2	.0045	.0181	-.0002	-.0009	.0066	.0016	.0017	1.117	16.53

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.405	3.554	1.879	13.79	.1202	.0034	.0006	5.799	-.0021
Stddev	.003	.008	.019	.20	.0018	.0000	.0000	.020	.0000
%RSD	.1975	.2278	1.011	1.458	1.493	1.244	7.883	.3483	1.205
#1	1.403	3.548	1.866	13.65	.1214	.0034	.0005	5.813	-.0021
#2	1.407	3.559	1.893	13.94	.1189	.0034	.0006	5.785	-.0021

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0991	.0288	.0081	.0002
Stddev	.0008	.0019	.0008	.0000
%RSD	.7936	6.452	9.997	6.981
#1	.0986	.0275	.0076	.0002
#2	.0997	.0301	.0087	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	83568.	36716.	1683.0	5471.3
Stddev	3012.	5.	1.4	18.1
%RSD	3.6042	.01245	.08123	.33044
#1	85697.	36712.	1682.0	5458.5
#2	81438.	36719.	1684.0	5484.1

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 8:17:41 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.219	2.126	2.136	2.153	2.083	2.136	2.105	2.097	.2570
Stddev	.011	.019	.000	.001	.022	.016	.022	.002	.0025
%RSD	.4961	.9041	.0055	.0244	1.061	.7602	1.034	.0756	.9923
#1	2.212	2.112	2.135	2.153	2.067	2.124	2.090	2.098	.2552
#2	2.227	2.140	2.136	2.152	2.098	2.147	2.121	2.096	.2588
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	2.000								
Range	10.00%								

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.085	2.114	2.163	2.124	2.095	2.157	2.164	42.07	39.81
Stddev	.021	.001	.002	.001	.003	.001	.000	.25	.67
%RSD	1.006	.0681	.0754	.0586	.1241	.0411	.0070	.5945	1.695
#1	2.070	2.113	2.164	2.123	2.097	2.157	2.164	41.89	39.33
#2	2.100	2.115	2.162	2.125	2.093	2.156	2.164	42.25	40.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.56	39.91	F 44.53	F 44.37	2.195	2.164	2.098	5.460	2.148
Stddev	.51	.41	.23	.16	.001	.002	.013	.009	.002
%RSD	1.263	1.033	.5102	.3517	.0241	.0851	.6191	.1701	.1073
#1	40.19	39.62	44.37	44.26	2.195	2.162	2.089	5.466	2.150
#2	40.92	40.20	44.69	44.48	2.195	2.165	2.108	5.453	2.147
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			40.00	40.00					
Range			10.00%	10.00%					

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 8:17:41 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.153	2.094	F 2.333	F 2.287
Stddev	.054	.024	.005	.020
%RSD	2.525	1.155	.2337	.8705
#1	2.115	2.077	2.329	2.273
#2	2.192	2.111	2.337	2.301
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80989.	36091.	1674.9	5205.1
Stddev	555.	220.	1.4	5.3
%RSD	.68485	.61032	.08433	.10209
#1	81381.	36247.	1673.9	5201.4
#2	80596.	35935.	1675.9	5208.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 8:23:36 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0003	.0001	.0002	.0002	.0001	.0000	.0000
Stddev	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.000	.0001
%RSD	149.7	44.00	18.48	66.95	9.529	18.02	3.220	812.4	380.9
#1	.0000	.0000	.0003	.0001	.0002	.0002	.0001	-.0001	.0000
#2	.0000	.0000	.0002	.0000	.0002	.0001	.0001	.0001	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0004	-.0002	.0010	-.0003	.0019	.0001	-.0009	-.0008
Stddev	.0003	.0001	.0002	.0005	.0013	.0000	.0000	.0005	.0026
%RSD	91.66	33.26	78.45	48.26	361.1	.7943	8.253	52.70	337.4
#1	.0005	.0003	-.0001	.0013	.0005	.0019	.0001	-.0006	-.0026
#2	.0001	.0005	-.0003	.0007	-.0012	.0019	.0002	-.0013	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040	.0028	-.0036	.0156	.0020	.0018	.0001	.0039	-.0005
Stddev	.0004	.0083	.0027	.0042	.0001	.0002	.0001	.0001	.0002
%RSD	9.035	298.9	74.33	26.95	5.757	11.22	114.9	2.570	40.27
#1	.0037	-.0031	-.0017	.0186	.0021	.0020	.0000	.0038	-.0007
#2	.0042	.0087	-.0055	.0126	.0020	.0017	.0002	.0040	-.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 8:23:36 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0008	.0083	.0006
Stddev	.000	.0006	.0003	.0000
%RSD	79.42	75.88	3.761	7.441
#1	.0000	.0012	.0081	.0006
#2	.0000	.0004	.0086	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83645.	36989.	1740.2	5582.8
Stddev	39.	243.	20.1	44.3
%RSD	.04634	.65824	1.1559	.79268
#1	83672.	37161.	1754.4	5614.0
#2	83617.	36817.	1726.0	5551.5

Zoom In Zoom Out

Sample Name: JA61934-3 Acquired: 12/3/2010 8:29:40 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1156	.0000	.0450	-.0002	.0039	.0061	.0193	.0043	-.0001
Stddev	.0005	.000	.0000	.0000	.0003	.0000	.0003	.0000	.0000
%RSD	.4408	282.1	.0664	11.87	7.234	.5050	1.793	.5118	33.91
#1	.1153	.0000	.0450	-.0002	.0041	.0061	.0196	.0043	.0000
#2	.1160	.0000	.0449	-.0003	.0037	.0061	.0191	.0043	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0005	.0625	.0004	-.0019	.0093	.0395	.0239	-.0165	56.96
Stddev	.0002	.0002	.0008	.0003	.0005	.0006	.0003	.0048	.40
%RSD	39.54	.3187	183.7	14.79	5.301	1.441	1.066	28.90	.6994
#1	.0003	.0624	.0010	-.0017	.0096	.0399	.0237	-.0131	56.68
#2	.0006	.0627	-.0001	-.0021	.0089	.0391	.0240	-.0198	57.24

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0659	7.057	3.135	25.62	.1651	.0247	-.0001	7.306	-.0030
Stddev	.0012	.031	.013	.09	.0001	.0000	.0002	.007	.0002
%RSD	1.866	.4391	.3989	.3479	.0332	.1561	245.7	.0922	5.313
#1	.0651	7.035	3.126	25.56	.1651	.0247	.0001	7.301	-.0031
#2	.0668	7.079	3.144	25.68	.1650	.0247	-.0003	7.311	-.0029

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4363	-.0066	.0162	.0019
Stddev	.0029	.0001	.0004	.0001
%RSD	.6577	.9024	2.329	7.287
#1	.4343	-.0066	.0164	.0020
#2	.4384	-.0065	.0159	.0018

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81032.	35716.	1644.9	5352.3
Stddev	785.	39.	.2	3.8
%RSD	.96928	.10833	.01199	.07113
#1	80477.	35688.	1644.7	5355.0
#2	81588.	35743.	1645.0	5349.6

Zoom In Zoom Out

Sample Name: JA61934-4 Acquired: 12/3/2010 8:35:40 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0287	.0000	.0001	.0005	.0026	.0078	.1154	.0030	.0003
Stddev	.0001	.0000	.0000	.0001	.0002	.0007	.0043	.0001	.0003
%RSD	.2864	23.74	19.76	16.56	7.162	9.462	3.751	2.030	98.77
#1	.0287	.0000	.0001	.0004	.0025	.0072	.1123	.0031	.0001
#2	.0288	.0000	.0002	.0006	.0027	.0083	.1184	.0030	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0039	.0174	.0019	-.0005	.0039	.0006	.0017	.7483	20.98
Stddev	.0002	.0002	.0006	.0001	.0001	.0007	.0007	.0038	.02
%RSD	6.365	1.366	32.78	23.98	3.022	115.0	39.88	.5028	.1141
#1	.0037	.0173	.0015	-.0004	.0039	.0010	.0021	.7509	20.96
#2	.0040	.0176	.0024	-.0006	.0040	.0001	.0012	.7456	20.99

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.134	4.238	2.938	13.83	.1314	.0038	.0003	5.699	-.0017
Stddev	.006	.002	.009	.07	.0007	.0001	.0000	.026	.0002
%RSD	.5264	.0450	.2878	.4917	.4962	3.223	6.876	.4614	13.63
#1	1.130	4.236	2.944	13.88	.1310	.0037	.0003	5.680	-.0019
#2	1.139	4.239	2.932	13.78	.1319	.0039	.0004	5.717	-.0015

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0988	.0253	.0071	.0010
Stddev	.0003	.0018	.0007	.0000
%RSD	.2619	6.921	10.34	4.240
#1	.0986	.0241	.0076	.0011
#2	.0990	.0265	.0066	.0010

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79691.	36251.	1701.8	5512.0
Stddev	2582.	55.	4.9	23.6
%RSD	3.2402	.15097	.28686	.42809
#1	81516.	36212.	1705.3	5528.7
#2	77865.	36290.	1698.4	5495.4

Zoom In Zoom Out

Sample Name: JA61934-5 Acquired: 12/3/2010 8:41:42 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0369	.0001	.0004	.0021	.0086	.0286	.1551	.0077	.0002
Stddev	.0006	.0000	.0001	.0002	.0002	.0002	.0002	.0001	.0001
%RSD	1.727	9.552	32.63	10.02	2.771	.8281	.1001	1.208	31.14
#1	.0374	.0001	.0003	.0023	.0085	.0284	.1552	.0077	.0003
#2	.0365	.0001	.0004	.0020	.0088	.0288	.1550	.0078	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0101	.0682	.0065	.0004	.0227	.0003	.0012	2.459	17.14
Stddev	.0002	.0000	.0006	.0002	.0002	.0001	.0005	.032	.34
%RSD	1.890	.0708	9.597	66.05	1.023	18.57	41.10	1.302	1.992
#1	.0102	.0681	.0070	.0002	.0226	.0003	.0016	2.481	17.39
#2	.0099	.0682	.0061	.0005	.0229	.0003	.0009	2.436	16.90

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	4.073	2.410	6.387	6.329	.0473	.0011	.0000	7.392	-.0010
Stddev	.069	.042	.067	.071	.0003	.0002	.0000	.030	.0001
%RSD	1.687	1.752	1.043	1.119	.6210	18.02	9.720	.4065	8.802
#1	4.122	2.440	6.434	6.379	.0475	.0013	.0000	7.371	-.0010
#2	4.025	2.380	6.340	6.278	.0471	.0010	.0000	7.413	-.0011

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0510	.1025	.0074	.0011
Stddev	.0007	.0003	.0004	.0000
%RSD	1.405	.2821	5.522	2.092
#1	.0515	.1028	.0077	.0011
#2	.0505	.1023	.0071	.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82205.	36677.	1739.6	5582.1
Stddev	233.	583.	8.0	15.9
%RSD	.28339	1.5904	.46254	.28479
#1	82040.	36265.	1745.3	5593.4
#2	82369.	37090.	1733.9	5570.9

Zoom In Zoom Out

Sample Name: ja61221-1 Acquired: 12/3/2010 8:47:40 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.9301	.0060	.0042	.0967	.2471	.4545	1.584	.2179	-.0059
Stddev	.0212	.0044	.0034	.0170	.0075	.0227	.044	.0017	.0151
%RSD	2.284	72.39	80.99	17.58	3.020	5.004	2.798	.7838	254.1
#1	.9452	.0091	.0018	.0846	.2524	.4706	1.615	.2167	.0047
#2	.9151	.0029	.0066	.1087	.2419	.4384	1.552	.2191	-.0166

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.5056	.6742	.4413	-.0090	.3655	-.0020	.0041	130.6	75.29
Stddev	.0117	.0016	.0004	.0243	.0010	.0151	.0054	3.2	.85
%RSD	2.317	.2316	.0823	269.3	.2832	742.1	131.2	2.424	1.133
#1	.5139	.6731	.4411	.0082	.3662	.0087	.0003	132.8	75.90
#2	.4973	.6753	.4416	-.0262	.3647	-.0127	.0079	128.3	74.69

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	171.8	32.70	10.19	*****	.1571	.0125	-.1019	4.385	.0444
Stddev	5.2	.54	.21	-----	.0007	.0002	.1117	.015	.0024
%RSD	3.043	1.645	2.033	-----	.4771	1.439	109.6	.3462	5.391
#1	175.5	33.08	10.33	9.036	.1566	.0124	-.0229	4.374	.0427
#2	168.1	32.32	10.04	-----	.1576	.0126	-.1809	4.396	.0461

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.062	8.789	.0330	.1090
Stddev	.022	.234	.0303	.0090
%RSD	2.110	2.659	91.56	8.221
#1	1.078	8.954	.0544	.1027
#2	1.046	8.623	.0116	.1153

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82597.	38014.	1781.5	5199.5
Stddev	1809.	766.	.7	2.7
%RSD	2.1906	2.0152	.03839	.05254
#1	81317.	37472.	1782.0	5201.4
#2	83876.	38556.	1781.0	5197.5

Zoom In Zoom Out

Sample Name: JA61934-1F Acquired: 12/3/2010 8:53:36 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0221	.0000	.0001	-.0003	.0010	.0048	.0039	.0011	-.0002
Stddev	.0002	.0000	.0000	.0000	.0003	.0002	.0000	.0001	.0001
%RSD	.7000	1569.	28.19	.5349	29.46	4.075	.7484	4.580	34.76
#1	.0220	.0000	.0000	-.0003	.0012	.0049	.0039	.0011	-.0001
#2	.0222	.0000	.0001	-.0003	.0008	.0046	.0040	.0011	-.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0009	.0155	.0000	-.0019	-.0003	.0014	.0016	.0349	15.73
Stddev	.0001	.0003	.000	.0007	.0001	.0001	.0001	.0020	.13
%RSD	6.329	2.248	416.1	35.32	42.82	8.571	5.929	5.832	.8403
#1	.0010	.0158	-.0001	-.0024	-.0003	.0015	.0016	.0334	15.64
#2	.0009	.0153	.0001	-.0014	-.0002	.0013	.0015	.0363	15.83

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0874	3.749	2.484	10.91	.1296	.0019	-.0001	3.719	-.0008
Stddev	.0005	.024	.016	.10	.0002	.0000	.0002	.015	.0001
%RSD	.6154	.6351	.6295	.8906	.1396	2.114	152.0	.4004	11.92
#1	.0870	3.733	2.473	10.84	.1297	.0019	-.0003	3.730	-.0007
#2	.0878	3.766	2.495	10.98	.1294	.0018	.0000	3.709	-.0009

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0622	-.0007	.0066	.0031
Stddev	.0005	.0005	.0005	.0001
%RSD	.7632	62.08	6.943	2.127
#1	.0618	-.0004	.0069	.0032
#2	.0625	-.0010	.0063	.0031

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81069.	36216.	1733.8	5585.2
Stddev	261.	27.	4.3	15.9
%RSD	.32188	.07320	.24885	.28435
#1	81254.	36197.	1730.8	5574.0
#2	80885.	36235.	1736.9	5596.4

Zoom In Zoom Out

Sample Name: JA61934-2F Acquired: 12/3/2010 8:59:36 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0192	.0000	.0001	-.0002	.0020	.0049	.0202	.0024	.0000
Stddev	.0005	.000	.0000	.0001	.0001	.0003	.0002	.0002	.0001
%RSD	2.491	53.05	24.68	32.08	2.605	5.691	1.110	9.314	557.8
#1	.0189	.0000	.0001	-.0002	.0020	.0047	.0200	.0025	.0001
#2	.0196	.0000	.0001	-.0002	.0020	.0050	.0203	.0022	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0019	.0106	-.0004	-.0020	.0001	.0021	.0012	.0611	17.60
Stddev	.0001	.0000	.0006	.0008	.0003	.0008	.0001	.0033	.35
%RSD	5.133	.0307	141.1	39.52	343.9	38.93	4.773	5.462	1.966
#1	.0020	.0105	.0000	-.0026	-.0001	.0015	.0012	.0588	17.36
#2	.0018	.0106	-.0009	-.0015	.0003	.0026	.0013	.0635	17.85

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0863	3.215	1.778	14.30	.1257	.0034	-.0008	3.892	-.0016
Stddev	.0021	.078	.036	.30	.0012	.0001	.0004	.000	.0001
%RSD	2.457	2.423	2.031	2.086	.9222	1.488	44.64	.0044	5.325
#1	.0848	3.160	1.753	14.09	.1265	.0034	-.0011	3.892	-.0017
#2	.0878	3.270	1.804	14.51	.1248	.0035	-.0006	3.892	-.0016

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1027	-.0021	.0061	.0011
Stddev	.0023	.0001	.0002	.0000
%RSD	2.207	6.189	3.042	.9079
#1	.1011	-.0022	.0060	.0011
#2	.1043	-.0020	.0062	.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81407.	35901.	1739.1	5570.3
Stddev	989.	402.	.1	5.1
%RSD	1.2143	1.1195	.00565	.09230
#1	82106.	36185.	1739.1	5573.9
#2	80708.	35617.	1739.2	5566.6

Zoom In Zoom Out

Sample Name: JA61934-3F Acquired: 12/3/2010 9:05:37 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1129	.0000	.0433	-.0003	.0041	.0054	.0199	.0044	-.0001
Stddev	.0004	.000	.0001	.0003	.0003	.0001	.0001	.0003	.0000
%RSD	.3105	32.12	.1543	99.54	6.414	2.687	.5202	5.818	29.54
#1	.1126	.0000	.0433	-.0005	.0040	.0053	.0198	.0045	-.0001
#2	.1131	.0000	.0433	-.0001	.0043	.0055	.0200	.0042	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0006	.0476	.0002	-.0021	.0063	.0366	.0236	-.0154	58.68
Stddev	.0000	.0002	.0000	.0003	.0006	.0011	.0003	.0032	.89
%RSD	6.847	.4102	18.60	16.77	9.720	2.940	1.353	20.87	1.510
#1	.0007	.0478	.0002	-.0018	.0067	.0373	.0233	-.0131	58.05
#2	.0006	.0475	.0002	-.0023	.0059	.0358	.0238	-.0176	59.31

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0600	7.138	3.087	24.84	.1666	.0239	-.0003	7.263	-.0030
Stddev	.0011	.055	.011	.10	.0007	.0000	.0007	.031	.0010
%RSD	1.866	.7724	.3516	.4089	.4135	.0386	282.9	.4263	33.43
#1	.0592	7.099	3.094	24.91	.1671	.0239	-.0008	7.285	-.0037
#2	.0608	7.177	3.079	24.76	.1661	.0239	.0003	7.241	-.0023

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4309	-.0063	.0112	.0009
Stddev	.0009	.0001	.0004	.0000
%RSD	.2081	2.142	3.273	3.457
#1	.4303	-.0064	.0110	.0008
#2	.4315	-.0062	.0115	.0009

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	80797.	35884.	1707.2	5443.0
Stddev	197.	25.	8.7	18.4
%RSD	.24417	.06957	.50987	.33865
#1	80937.	35867.	1701.0	5430.0
#2	80658.	35902.	1713.3	5456.0

Zoom In Zoom Out

Sample Name: mp55899-mb1CONF Acquired: 12/3/2010 9:13:07 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	.0000	-.0001	.0002	.0004	.0004	.0001	.0003	-.0001
Stddev	.0000	.000	.0000	.0001	.0002	.0001	.0000	.0001	.0001
%RSD	81.03	58.51	.0168	23.82	59.86	20.26	56.44	25.88	92.57
#1	.0000	.0000	-.0001	.0003	.0005	.0004	.0001	.0002	-.0002
#2	.0000	.0000	-.0001	.0002	.0002	.0005	.0001	.0003	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0007	.0001	.0044	.0013	-.0032	-.0011	.0011	.0043
Stddev	.0001	.0001	.0000	.0003	.0007	.0004	.0004	.0010	.0007
%RSD	45.31	16.48	40.01	6.581	50.19	11.11	35.45	98.09	16.03
#1	.0001	.0008	.0001	.0042	.0009	-.0035	-.0014	.0003	.0039
#2	.0002	.0006	.0001	.0046	.0018	-.0030	-.0009	.0018	.0048

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0071	.0121	-.0179	-.0006	.0000	.0000	.0003	-.0030	.0044
Stddev	.0002	.0031	.0076	.0003	.0001	.0000	.0002	.0008	.0001
%RSD	3.212	25.86	42.62	51.40	460.9	953.5	70.87	27.15	2.439
#1	.0072	.0143	-.0125	-.0009	.0001	.0000	.0005	-.0036	.0043
#2	.0069	.0099	-.0233	-.0004	-.0001	.0000	.0002	-.0024	.0045

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0005	-.0057	-.0003
Stddev	.000	.0000	.0000	.0000
%RSD	37.30	8.203	.7634	2.968
#1	.0000	.0005	-.0057	-.0003
#2	.0000	.0004	-.0056	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84440.	37814.	1790.3	5738.4
Stddev	385.	237.	26.6	54.5
%RSD	.45645	.62654	1.4833	.95027
#1	84713.	37647.	1809.1	5777.0
#2	84168.	37982.	1771.5	5699.8

Zoom In Zoom Out

Sample Name: mp55892-mb1CONF Acquired: 12/3/2010 9:19:10 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0002	.0000	.0002	-.0002	.0039	.0002	.0004	.0017	.0000
Stddev	.0000	.0000	.0000	.0002	.0002	.0002	.0001	.0001	.000
%RSD	1.450	433.0	1.378	90.09	4.564	165.3	13.83	7.811	34.90
#1	.0002	.0000	.0002	-.0001	.0040	.0003	.0004	.0018	.0000
#2	.0002	.0000	.0002	-.0003	.0038	.0000	.0004	.0016	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0007	-.0009	-.0015	-.0004	.0028	.0003	.0032	.0024
Stddev	.0003	.0001	.0001	.0004	.0008	.0002	.0000	.0026	.0004
%RSD	114.2	14.21	9.012	26.86	196.2	7.851	1.292	79.19	15.15
#1	.0004	.0008	-.0008	-.0017	-.0009	.0026	.0003	.0014	.0022
#2	.0000	.0006	-.0010	-.0012	.0002	.0029	.0003	.0051	.0027

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0279	.0056	-.0104	.0093	.0005	.0000	.0003	.0100	-.0003
Stddev	.0005	.0004	.0054	.0002	.0004	.0000	.0004	.0009	.0005
%RSD	1.772	6.464	51.67	2.639	87.96	47.25	162.2	9.138	198.7
#1	.0282	.0059	-.0143	.0095	.0008	.0000	.0005	.0107	.0001
#2	.0275	.0054	-.0066	.0091	.0002	.0000	.0000	.0094	-.0006

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0001	.0021	-.0001
Stddev	.000	.0004	.0002	.0001
%RSD	50.33	256.5	8.456	52.02
#1	.0000	-.0001	.0022	-.0001
#2	-.0001	.0004	.0019	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82779.	36481.	1732.7	5571.9
Stddev	238.	13.	14.7	38.8
%RSD	.28780	.03567	.84880	.69691
#1	82610.	36490.	1722.3	5544.4
#2	82947.	36472.	1743.1	5599.3

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 9:25:16 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.207	2.129	2.124	2.136	2.093	2.131	2.129	2.103	.2566
Stddev	.017	.019	.001	.002	.023	.015	.021	.005	.0025
%RSD	.7645	.8907	.0246	.0692	1.102	.7001	1.004	.2324	.9839
#1	2.195	2.116	2.124	2.135	2.076	2.120	2.114	2.106	.2549
#2	2.219	2.142	2.123	2.137	2.109	2.142	2.145	2.099	.2584
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	2.000								
Range	10.00%								

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.102	2.118	2.135	2.115	2.103	2.128	2.134	41.83	40.10
Stddev	.023	.005	.003	.001	.004	.008	.007	.39	.47
%RSD	1.096	.2519	.1426	.0547	.1735	.3615	.3251	.9264	1.176
#1	2.086	2.122	2.133	2.114	2.105	2.122	2.129	41.55	39.76
#2	2.118	2.115	2.137	2.116	2.100	2.133	2.139	42.10	40.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.53	40.01	F 44.39	F 44.06	2.194	2.149	2.091	5.407	2.138
Stddev	.43	.41	.28	.28	.005	.005	.017	.014	.000
%RSD	1.071	1.033	.6299	.6444	.2088	.2219	.8316	.2624	.0061
#1	40.22	39.72	44.19	43.86	2.191	2.146	2.079	5.397	2.138
#2	40.84	40.31	44.59	44.26	2.198	2.152	2.103	5.417	2.138
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			40.00	40.00					
Range			10.00%	10.00%					

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 9:25:16 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.184	2.104	F 2.317	F 2.288
Stddev	.004	.020	.010	.025
%RSD	.1937	.9620	.4264	1.082
#1	2.181	2.090	2.310	2.270
#2	2.187	2.119	2.324	2.305
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			2.000	2.000
Range			10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81597.	36056.	1708.3	5270.4
Stddev	614.	124.	5.7	5.6
%RSD	.75285	.34425	.33640	.10633
#1	82031.	36143.	1712.4	5274.4
#2	81163.	35968.	1704.2	5266.4

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 9:31:10 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0002	.0000	.0002	.0000	.0001	-.0002	.0001
Stddev	.0000	.0000	.0000	.000	.0005	.0001	.0000	.0001	.0002
%RSD	216.7	50.96	.2485	333.6	324.3	300.2	26.33	64.90	262.6
#1	.0000	.0000	.0002	-.0001	-.0002	.0001	.0001	-.0002	.0002
#2	.0000	.0000	.0002	.0000	.0005	.0000	.0001	-.0001	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0004	.0002	.0009	.0004	.0011	.0005	.0006	-.0018
Stddev	.0000	.0001	.0003	.0004	.0002	.0005	.0001	.0013	.0025
%RSD	17.75	17.69	152.5	46.00	40.90	43.93	22.22	211.6	139.1
#1	.0003	.0005	.0003	.0006	.0003	.0014	.0006	-.0003	-.0036
#2	.0002	.0004	.0000	.0012	.0005	.0007	.0004	.0015	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036	.0015	-.0163	.0103	.0016	.0019	.0003	.0042	-.0007
Stddev	.0006	.0056	.0072	.0014	.0004	.0002	.0004	.0002	.0006
%RSD	15.51	364.1	44.41	13.30	25.82	13.26	162.5	5.722	92.68
#1	.0040	-.0024	-.0112	.0112	.0013	.0021	.0000	.0040	-.0002
#2	.0032	.0055	-.0214	.0093	.0019	.0017	.0006	.0043	-.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 9:31:10 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0008	.0082	.0007
Stddev	.0000	.0001	.0008	.0001
%RSD	526.9	6.423	9.645	7.817
#1	.0000	.0008	.0088	.0007
#2	.0000	.0009	.0077	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	83823.	36814.	1774.3	5639.0
Stddev	711.	189.	6.3	8.2
%RSD	.84874	.51432	.35424	.14593
#1	83320.	36948.	1778.8	5644.8
#2	84326.	36680.	1769.9	5633.2

Zoom In Zoom Out

Sample Name: JA61934-4F Acquired: 12/3/2010 9:37:14 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0246	.0000	.0002	-.0004	.0009	.0049	.0763	.0017	.0000
Stddev	.0003	.0000	.0001	.0000	.0000	.0009	.0042	.0002	.000
%RSD	1.095	38.48	30.99	1.767	.4782	17.25	5.567	10.08	1272.
#1	.0248	.0000	.0002	-.0004	.0009	.0043	.0733	.0016	-.0001
#2	.0244	.0000	.0001	-.0004	.0009	.0055	.0793	.0019	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0018	.0122	.0016	-.0017	.0001	.0023	.0015	.0387	22.41
Stddev	.0001	.0001	.0001	.0004	.0002	.0005	.0028	.0028	.24
%RSD	7.583	.7464	4.088	22.51	667.1	10.20	35.04	7.195	1.081
#1	.0019	.0122	.0015	-.0014	-.0005	.0024	.0011	.0367	22.58
#2	.0017	.0123	.0016	-.0019	.0008	.0021	.0018	.0407	22.24

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0901	4.124	3.031	15.05	.1452	.0049	.0004	4.722	-.0016
Stddev	.0010	.051	.013	.05	.0018	.0001	.0001	.058	.0005
%RSD	1.100	1.225	.4295	.3261	1.248	1.855	25.11	1.237	31.52
#1	.0908	4.160	3.040	15.08	.1439	.0049	.0003	4.681	-.0013
#2	.0894	4.088	3.022	15.01	.1464	.0048	.0005	4.764	-.0020

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1062	-.0027	.0136	.0022
Stddev	.0010	.0002	.0000	.0001
%RSD	.9058	6.502	.0999	6.153
#1	.1069	-.0028	.0137	.0021
#2	.1055	-.0025	.0136	.0023

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	84113.	36677.	1669.6	5406.3
Stddev	4127.	481.	20.9	56.5
%RSD	4.9063	1.3120	1.2524	1.0459
#1	87032.	36337.	1684.4	5446.3
#2	81195.	37017.	1654.8	5366.3

Zoom In Zoom Out

Sample Name: JA61934-5F Acquired: 12/3/2010 9:43:14 Type: Unk
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0072	.0000	.0000	-.0003	.0016	.0044	.0012	.0007	.0000
Stddev	.0000	.000	.0000	.0000	.0001	.0001	.0000	.0000	.000
%RSD	.0632	79.46	561.3	15.49	4.199	3.090	2.398	3.701	248.0
#1	.0072	.0000	.0000	-.0003	.0017	.0045	.0012	.0006	.0000
#2	.0072	.0000	.0000	-.0002	.0016	.0043	.0012	.0007	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0028	.0056	.0017	-.0022	.0001	.0022	.0017	.0222	12.76
Stddev	.0001	.0001	.0001	.0002	.0001	.0003	.0005	.0023	.12
%RSD	2.016	1.971	3.270	8.129	153.2	11.70	26.30	10.17	.9717
#1	.0028	.0056	.0017	-.0023	.0002	.0024	.0021	.0206	12.68
#2	.0028	.0055	.0017	-.0020	.0000	.0021	.0014	.0238	12.85

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0465	.8833	6.055	6.283	.0316	.0011	.0004	2.833	-.0017
Stddev	.0000	.0145	.083	.097	.0001	.0000	.0001	.021	.0003
%RSD	.0771	1.642	1.372	1.549	.2186	2.234	16.04	.7539	17.09
#1	.0465	.8730	5.996	6.214	.0315	.0011	.0003	2.818	-.0019
#2	.0465	.8936	6.114	6.352	.0316	.0011	.0004	2.848	-.0015

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0374	-.0019	.0088	.0007
Stddev	.0004	.0002	.0002	.0001
%RSD	.9747	12.82	1.909	11.74
#1	.0372	-.0021	.0089	.0007
#2	.0377	-.0017	.0087	.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	82227.	36516.	1703.8	5527.7
Stddev	144.	128.	10.7	35.1
%RSD	.17508	.35036	.62978	.63500
#1	82328.	36606.	1711.4	5552.5
#2	82125.	36425.	1696.2	5502.8

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/3/2010 9:49:14 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0041	.0000	-.0007	.0023	.0004	.0004	-.0002	.0013	.0014
Stddev	.0001	.0000	.0001	.0003	.0003	.0004	.0000	.0001	.0001
%RSD	1.793	167.0	16.96	13.44	72.08	80.69	3.302	4.847	6.711
#1	-.0040	.0000	-.0008	.0021	.0006	.0002	-.0002	.0013	.0015
#2	-.0041	.0000	-.0006	.0025	.0002	.0007	-.0002	.0012	.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	-.0004	.0042	-.0016	-.0024	-.0028	.0012	520.5	378.1
Stddev	.0003	.0002	.0004	.0006	.0007	.0007	.0021	14.5	8.2
%RSD	14.54	46.45	9.182	36.84	29.11	23.47	180.5	2.779	2.175
#1	.0015	-.0003	.0044	-.0020	-.0030	-.0032	-.0003	510.3	372.3
#2	.0019	-.0005	.0039	-.0012	-.0019	-.0023	.0027	530.7	383.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	183.5	508.9	-.0538	.4401	-.0043	.0010	-.0496	-.0099	-.0070
Stddev	2.1	6.0	.0054	.0125	.0004	.0003	.0041	.0003	.0007
%RSD	1.138	1.174	9.946	2.838	9.250	28.60	8.227	3.241	10.07
#1	182.0	504.7	-.0500	.4313	-.0046	.0011	-.0525	-.0101	-.0065
#2	184.9	513.1	-.0576	.4490	-.0040	.0008	-.0467	-.0096	-.0075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 12/3/2010 9:49:14 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0009	.0033	.0373	.0045
Stddev	.0000	.0003	.0011	.0002
%RSD	2.988	8.987	3.050	5.390
#1	.0009	.0035	.0381	.0043
#2	.0009	.0031	.0365	.0047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75116.	33974.	1547.0	4506.9
Stddev	32.	254.	7.7	15.3
%RSD	.04288	.74645	.49792	.33875
#1	75138.	34154.	1552.5	4517.7
#2	75093.	33795.	1541.6	4496.1

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/3/2010 9:55:22 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5409	.5028	1.101	.4865	.5002	.5443	.5016	1.009	1.107
Stddev	.0036	.0009	.008	.0039	.0003	.0021	.0004	.005	.001
%RSD	.6741	.1832	.7450	.8006	.0630	.3891	.0767	.5060	.0654
#1	.5384	.5021	1.095	.4838	.4999	.5428	.5013	1.005	1.107
#2	.5435	.5034	1.107	.4893	.5004	.5458	.5018	1.012	1.108
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4980	.9202	1.045	.9705	1.022	.9982	1.069	524.1	384.0
Stddev	.0002	.0062	.008	.0075	.002	.0094	.007	2.3	5.2
%RSD	.0337	.6754	.7862	.7685	.2044	.9373	.6795	.4337	1.353
#1	.4978	.9158	1.039	.9652	1.021	.9916	1.064	522.5	387.7
#2	.4981	.9246	1.050	.9758	1.024	1.005	1.074	525.7	380.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	184.6	513.3	-.0479	.4339	-.0207	.5055	.5227	-.0067	-.0067
Stddev	.0	.1	.0055	.0017	.0003	.0032	.0007	.0085	.0000
%RSD	.0196	.0217	11.45	.4021	1.291	.6376	.1287	126.1	.2391
#1	184.6	513.4	-.0518	.4327	-.0205	.5032	.5223	-.0007	-.0067
#2	184.6	513.2	-.0440	.4352	-.0209	.5078	.5232	-.0128	-.0067
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 12/3/2010 9:55:22 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0008	.0028	.5535	.4154
Stddev	.0002	.0000	.0045	.0085
%RSD	19.20	1.117	.8074	2.049
#1	.0007	.0028	.5504	.4093
#2	.0009	.0029	.5567	.4214
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75148.	34126.	1571.7	4540.8
Stddev	106.	39.	8.1	21.4
%RSD	.14050	.11565	.51240	.47076
#1	75222.	34098.	1577.4	4555.9
#2	75073.	34154.	1566.1	4525.7

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 10:01:24 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.295	F 2.231	2.141	2.144	2.135	2.123	2.179	2.120	.2587
Stddev	.005	.017	.028	.028	.020	.012	.021	.023	.0017
%RSD	.2277	.7663	1.296	1.325	.9148	.5503	.9785	1.105	.6386
#1	2.292	2.219	2.160	2.164	2.121	2.115	2.164	2.137	.2576
#2	2.299	2.243	2.121	2.124	2.148	2.131	2.194	2.104	.2599
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	2.000	2.000							
Range	10.00%	10.00%							

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.138	2.142	2.137	2.127	2.125	2.131	2.135	43.36	42.16
Stddev	.017	.025	.024	.028	.023	.030	.026	.14	.59
%RSD	.7951	1.190	1.136	1.305	1.065	1.400	1.242	.3189	1.393
#1	2.126	2.160	2.155	2.147	2.141	2.152	2.154	43.27	41.74
#2	2.150	2.124	2.120	2.108	2.109	2.110	2.116	43.46	42.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.50	42.08	F 46.18	F 45.40	F 2.209	2.157	2.097	5.433	2.146
Stddev	.46	.44	.07	.14	.018	.025	.010	.060	.027
%RSD	1.072	1.052	.1482	.2982	.8081	1.160	.4832	1.099	1.251
#1	42.18	41.76	46.23	45.50	2.222	2.174	2.089	5.475	2.165
#2	42.82	42.39	46.13	45.31	2.197	2.139	2.104	5.390	2.127
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			40.00	40.00	2.000				
Range			10.00%	10.00%	10.00%				

Zoom In Zoom Out

Sample Name: CCV Acquired: 12/3/2010 10:01:24 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F 2.234	2.142	F 2.335	F 2.324
Stddev	.033	.018	.026	.011
%RSD	1.453	.8521	1.116	.4533
#1	2.211	2.129	2.353	2.316
#2	2.257	2.155	2.316	2.331
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail
Value	2.000		2.000	2.000
Range	10.00%		10.00%	10.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81499.	34871.	1721.6	5288.7
Stddev	302.	26.	20.3	52.5
%RSD	.37102	.07378	1.1813	.99337
#1	81713.	34889.	1707.2	5251.6
#2	81285.	34853.	1735.9	5325.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 10:07:19 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0000	.0000	.0000	.0001	-.0002	.0000	.0000	.0002
Stddev	.0000	.0000	.0002	.0000	.0003	.0002	.0000	.000	.0002
%RSD	5.750	33.29	520.1	86.62	218.7	123.6	39.58	5738.	92.04
#1	.0001	.0001	.0001	.0000	.0003	-.0003	.0000	.0001	.0004
#2	.0001	.0000	-.0001	.0000	-.0001	.0000	.0000	-.0001	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0005	.0000	.0012	-.0004	.0014	.0005	.0012	-.0003
Stddev	.0003	.0001	.001	.0000	.0001	.0003	.0002	.0000	.0002
%RSD	116.0	10.36	17500.	2.165	25.64	21.36	31.12	2.609	69.68
#1	.0005	.0005	.0006	.0012	-.0005	.0012	.0006	.0012	-.0005
#2	.0000	.0005	-.0006	.0012	-.0004	.0016	.0004	.0012	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042	.0057	-.0020	.0059	.0014	.0020	.0006	.0040	-.0003
Stddev	.0004	.0008	.0047	.0016	.0003	.0004	.0009	.0001	.0004
%RSD	9.261	14.13	236.1	26.92	23.38	18.55	144.5	2.445	146.1
#1	.0045	.0062	.0013	.0070	.0016	.0022	.0000	.0041	.0000
#2	.0039	.0051	-.0053	.0048	.0011	.0017	.0013	.0039	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 12/3/2010 10:07:19 Type: QC
Method: Accutest1(v170) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0006	.0092	.0008
Stddev	.0000	.0000	.0014	.0000
%RSD	40.73	5.923	15.58	.3902
#1	.0000	.0007	.0102	.0008
#2	.0000	.0006	.0082	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84756.	36703.	1794.2	5674.1
Stddev	1067.	116.	5.4	7.5
%RSD	1.2589	.31585	.30070	.13229
#1	85510.	36621.	1790.4	5668.8
#2	84001.	36785.	1798.1	5679.5

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ba 455.403 { 74}	☒	2	Mg	0.000007	0.000000	No
			Al	0.000002	0.000000	No
Be 313.042 {108}	☒	10	V	0.000140	0.000000	No
			Mo	-0.000037	0.000000	No
			Ti	-0.000700	0.000000	No
			Mn	-0.000033	0.000000	No
			Ba	0.000015	0.000000	No
			Co	0.000010	0.000000	No
			Ni	0.000004	0.000000	No
			Ca	0.000000	0.000000	No
			Cu	0.000034	0.000000	No
			Zn	-0.000010	0.000000	No
Cd 228.802 {448}	☒	13	As	0.008400	0.000000	No
			Ni	-0.000119	0.000000	No
			Fe	0.000008	0.000000	No
			V	-0.000239	0.000000	No
			Ba	-0.000047	0.000000	No
			Co	-0.003447	0.000000	No
			Sr	-0.000006	0.000000	No
			Ca	-0.000000	0.000000	No
			Mn	-0.000021	0.000000	No
			Cr	0.000025	0.000000	No
			Si	-0.000005	0.000000	No
			Cu	-0.000026	0.000000	No
			W	-0.000550	0.000000	No
Co 228.616 {448}	☒	8	Fe	0.000034	0.000000	No
			Cr	-0.000049	0.000000	No
			Mo	-0.001530	0.000000	No
			Ni	0.000106	0.000000	No
			Ti	0.001962	0.000000	No
			Ba	0.000080	0.000000	No
			W	0.000660	0.000000	No
			Cd	-0.000060	0.000000	No
Cr 267.716 {126}	☒	13	Mn	0.000202	0.000000	No
			V	-0.000022	0.000000	No
			Mo	0.000018	0.000000	No
			Fe	-0.000011	0.000000	No
			W	0.000253	0.000000	No
			Cd	-0.000050	0.000000	No
			Al	0.000002	0.000000	No
			Ca	-0.000001	0.000000	No
			Mg	0.000000	0.000000	No
			Ti	0.000100	0.000000	No
			Sn	0.000000	0.000000	No
			Ba	-0.000005	0.000000	No
			Cu	0.000100	0.000000	No
Cu 324.754 {104}2	☒	13	Cr	-0.000171	0.000000	No
			V	-0.000183	0.000000	No
			Mo	0.000656	0.000000	No
			Ti	-0.000182	0.000000	No
			Fe	-0.000082	0.000000	No
			Al	0.000003	0.000000	No
			Sn	0.000203	0.000000	No
			Zn	-0.000004	0.000000	No
			Co	-0.000300	0.000000	No
			Zr	-0.000100	0.000000	No
			Si	0.000120	0.000000	No
			Mn	0.000000	0.000000	No
			Se	0.000850	0.000000	No
Mn 257.610 {131}	☒	4	Fe	-0.000003	0.000000	No
			Si	0.000050	0.000000	No
			Ba	0.000100	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			As	0.000200	0.000000	No
Ni 231.604 {446}	☒	15	Fe	0.000015	0.000000	No
			Zn	0.000079	0.000000	No
			Be	-0.000087	0.000000	No
			Co	0.000059	0.000000	No
			Tl	0.000209	0.000000	No
			Mg	0.000002	0.000000	No
			Mo	-0.000150	0.000000	No
			V	-0.000032	0.000000	No
			Cu	0.000050	0.000000	No
			Se	0.000100	0.000000	No
			Al	-0.000001	0.000000	No
			Cr	0.000006	0.000000	No
			Si	-0.000030	0.000000	No
			Sn	0.000079	0.000000	No
			Ba	0.000000	0.000000	No
Ag 328.068 {103}	☒	10	Mn	0.000010	0.000000	No
			Mo	0.000023	0.000000	No
			Ti	-0.000150	0.000000	No
			Fe	-0.000093	0.000000	No
			V	-0.008200	0.000000	No
			Zn	-0.000428	0.000000	No
			W	0.000030	0.000000	No
			Ca	0.000000	0.000000	No
			Zr	0.005376	0.000000	No
			Al	-0.000001	0.000000	No
V 292.402 {115}	☒	6	Ti	0.000430	0.000000	No
			Mo	-0.000100	0.000000	No
			Fe	0.000006	0.000000	No
			Sr	-0.000100	0.000000	No
			Cr	-0.003944	0.000000	No
			Mn	-0.000370	0.000000	No
Zn 206.200 {464}	☒	12	Cr	-0.000950	0.000000	No
			Mo	-0.000070	0.000000	No
			Fe	0.000013	0.000000	No
			Al	-0.000003	0.000000	No
			Si	-0.000035	0.000000	No
			Mn	0.000205	0.000000	No
			Ba	0.000390	0.000000	No
			Na	0.000003	0.000000	No
			Ca	0.000007	0.000000	No
			Sr	-0.000833	0.000000	No
			Sn	0.000255	0.000000	No
			Cu	0.000056	0.000000	No
As 189.042 {478}	☒	20	Al	0.000008	0.000000	No
			Fe	-0.000016	0.000000	No
			Ca	-0.000002	0.000000	No
			Mn	-0.000003	0.000000	No
			Mo	0.000975	0.000000	No
			Cr	0.000562	0.000000	No
			V	0.000057	0.000000	No
			Co	-0.000558	0.000000	No
			Ba	0.000033	0.000000	No
			W	0.001590	0.000000	No
			Sn	-0.000037	0.000000	No
			Cd	-0.000228	0.000000	No
			Tl	-0.000110	0.000000	No
			Be	-0.000007	0.000000	No
			Mg	0.000000	0.000000	No
			Si	0.000155	0.000000	No
			Zn	-0.000135	0.000000	No
			Sr	-0.000080	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Pd	0.032230	0.000000	No
			Zr	0.002000	0.000000	No
Tl 190.856 {477}	☒	22	Cr	0.000951	0.000000	No
			Mo	-0.005685	0.000000	No
			Al	-0.000004	0.000000	No
			Fe	-0.000118	0.000000	No
			V	-0.017300	0.000000	No
			Mn	0.001126	0.000000	No
			Si	0.000177	0.000000	No
			Ca	-0.000001	0.000000	No
			Ti	-0.000510	0.000000	No
			Na	0.000000	0.000000	No
			Mg	0.000003	0.000000	No
			Co	0.003990	0.000000	No
			Sr	-0.000288	0.000000	No
			B	0.000128	0.000000	No
			Ba	0.000091	0.000000	No
			Zn	0.000321	0.000000	No
			As	0.000153	0.000000	No
			W	-0.042400	0.000000	No
			Ni	0.000056	0.000000	No
			Cu	-0.000167	0.000000	No
			Zr	-0.002000	0.000000	No
			Pd	-0.000500	0.000000	No
Pb 220.353 {453}	☒	22	Al	-0.000097	0.000000	No
			Fe	0.000063	0.000000	No
			Ca	0.000002	0.000000	No
			Mn	0.000063	0.000000	No
			Zn	-0.000036	0.000000	No
			Mo	-0.001174	0.000000	No
			Ni	0.000382	0.000000	No
			Cu	0.000160	0.000000	No
			V	-0.000088	0.000000	No
			Co	0.000211	0.000000	No
			Ti	-0.000003	0.000000	No
			Si	-0.000052	0.000000	No
			Ba	-0.000030	0.000000	No
			Sb	-0.000200	0.000000	No
			K	0.000000	0.000000	No
			Sr	-0.000060	0.000000	No
			W	-0.006750	0.000000	No
			Mg	0.000000	0.000000	No
			Cd	-0.000018	0.000000	No
			Cr	0.000022	0.000000	No
			Pd	0.000170	0.000000	No
			Zr	-0.000500	0.000000	No
Se 196.090 {472}	☒	20	Al	-0.000005	0.000000	No
			Ca	0.000003	0.000000	No
			Mn	0.000323	0.000000	No
			Mo	0.000081	0.000000	No
			Fe	-0.000110	0.000000	No
			Co	-0.000586	0.000000	No
			V	0.000007	0.000000	No
			Sr	-0.000125	0.000000	No
			Cu	-0.000007	0.000000	No
			W	0.007206	0.000000	No
			Si	0.000011	0.000000	No
			Tl	0.000204	0.000000	No
			Be	-0.000143	0.000000	No
			Zn	-0.000130	0.000000	No
			B	0.000025	0.000000	No
			Pd	-0.001682	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ti	-0.000200	0.000000	No
			Cd	-0.000210	0.000000	No
			Zr	-0.000400	0.000000	No
			Ba	0.000081	0.000000	No
Sb 206.833 {463}	☒	13	Fe	0.000019	0.000000	No
			Al	0.000005	0.000000	No
			Ca	-0.000001	0.000000	No
			Ni	-0.001489	0.000000	No
			Cr	0.007570	0.000000	No
			V	-0.000544	0.000000	No
			Zn	0.000188	0.000000	No
			Mo	-0.000600	0.000000	No
			Ti	0.000220	0.000000	No
			Sn	-0.012900	0.000000	No
			W	-0.000500	0.000000	No
			Mg	-0.000001	0.000000	No
			Zr	-0.001300	0.000000	No
Al 396.152 { 85}	☒	4	Si	0.002976	0.000000	No
			Ca	0.000105	0.000000	No
			Mo	0.038910	0.000000	No
			Zr	-0.031182	0.000000	No
Ca 317.933 {106}	☒	16	Fe	0.000630	0.000000	No
			Ti	0.000560	0.000000	No
			W	0.023000	0.000000	No
			Tl	0.004950	0.000000	No
			Be	0.016000	0.000000	No
			Ba	0.008500	0.000000	No
			Cu	0.015200	0.000000	No
			Cd	0.008700	0.000000	No
			Ni	0.006667	0.000000	No
			Pd	0.097700	0.000000	No
			Mn	0.000000	0.000000	No
			B	-0.000210	0.000000	No
			Se	0.017000	0.000000	No
			Co	0.027000	0.000000	No
			Cr	0.024000	0.000000	No
			Al	0.000056	0.000000	No
Fe 259.940 {130}	☒	13	Co	0.000004	0.000000	No
			Si	-0.001181	0.000000	No
			Tl	-0.002602	0.000000	No
			Se	0.000000	0.000000	No
			Cr	-0.000566	0.000000	No
			Mn	0.000000	0.000000	No
			V	-0.000064	0.000000	No
			Cu	0.000953	0.000000	No
			K	-0.001830	0.000000	No
			Zn	0.007900	0.000000	No
			Ti	-0.000631	0.000000	No
			Ca	0.000020	0.000000	No
			Ba	0.001000	0.000000	No
Mg 279.079 {121}	☒	3	Mo	-0.010250	0.000000	No
			W	-0.006578	0.000000	No
			Mn	-0.005360	0.000000	No
K 766.490 { 44}	☒	11	Fe	-0.000340	0.000000	No
			Al	-0.000023	0.000000	No
			Ca	0.000179	0.000000	No
			Mn	0.001430	0.000000	No
			Si	-0.003000	0.000000	No
			V	-0.002000	0.000000	No
			Pd	0.004000	0.000000	No
			Sn	-0.004700	0.000000	No
			Na	-0.004000	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ba	0.007300	0.000000	No
			Mo	-0.000850	0.000000	No
Na 589.592 { 57}	☒	4	K	-0.000560	0.000000	No
			Ba	0.000900	0.000000	No
			Ca	0.000050	0.000000	No
			Al	-0.000800	0.000000	No
B 208.959 {462}	☒	1	Mo	0.037990	0.000000	No
Mo 202.030 {467}	☒	5	Co	0.000000	0.000000	No
			Al	0.000016	0.000000	No
			Fe	-0.000010	0.000000	No
			Mg	-0.000026	0.000000	No
			Ca	0.000003	0.000000	No
Pd 340.458 { 99}	☒	7	Ti	-0.000339	0.000000	No
			V	0.000132	0.000000	No
			Sn	-0.000006	0.000000	No
			Fe	-0.000929	0.000000	No
			Mo	-0.001720	0.000000	No
			Zr	0.009955	0.000000	No
			Co	-0.003300	0.000000	No
Si 212.412 {459}	☒	11	Sr	0.000366	0.000000	No
			Ni	0.000106	0.000000	No
			Mo	0.014750	0.000000	No
			V	-0.000260	0.000000	No
			Ti	0.002730	0.000000	No
			Al	-0.000027	0.000000	No
			Cd	0.001043	0.000000	No
			Ba	0.000170	0.000000	No
			Fe	0.000044	0.000000	No
			Sn	0.005721	0.000000	No
			Zn	0.000385	0.000000	No
Sn 189.989 {478}	☒	5	Ti	-0.000590	0.000000	No
			Mo	0.000071	0.000000	No
			Fe	0.000043	0.000000	No
			Mn	0.000501	0.000000	No
			Si	0.000131	0.000000	No
Sr 407.771 { 83}	☒	2	Fe	0.000000	0.000000	No
			Ca	0.000020	0.000000	No
Ti 334.904 {101}	☒	3	Cr	0.000189	0.000000	No
			Mo	0.001417	0.000000	No
			Si	0.000965	0.000000	No
Y 360.073 { 94}*	☒	None				
Y 371.030 { 91}*	☒	None				
Y 224.306 {451}*	☒	None				
In 230.606 {446}*	☒	None				
W 207.911 {462}	☒	25	Al	-0.000018	0.000000	No
			Si	-0.000900	0.000000	No
			Ca	-0.000026	0.000000	No
			Fe	-0.000077	0.000000	No
			As	-0.005400	0.000000	No
			Mg	-0.000006	0.000000	No
			Mn	-0.000900	0.000000	No
			Mo	-0.000900	0.000000	No
			Ti	-0.002000	0.000000	No
			Sr	-0.000850	0.000000	No
			V	-0.001300	0.000000	No
			Cd	-0.000650	0.000000	No
			Cr	-0.000880	0.000000	No
			Zn	0.006121	0.000000	No
			Pd	-0.011600	0.000000	No
			Sn	-0.000500	0.000000	No
			Zr	0.005930	0.000000	No
			B	-0.001000	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Sb	-0.001000	0.000000	No
				Co	-0.001000	0.000000	No
				Ni	-0.001000	0.000000	No
				Be	-0.001000	0.000000	No
				Se	-0.001100	0.000000	No
				Cu	-0.001300	0.000000	No
				Ba	-0.001000	0.000000	No
	Zr 339.198 { 99}	☒	3	Mo	0.000700	0.000000	No
				Ti	0.002900	0.000000	No
				Fe	-0.000060	0.000000	No

ACCUTEST.

Mercury Digestion Log

Product: HG / HGCLP / HGLIQ
Matrix: Soil

MA Batch #:	MA25449
Analyst:	VIDYAK
Date:	12/1/2010 12:36
Balance ID:	24
Reagents:	See attached sheet
Thermometer ID:	130

Methods (Circle as appropriate)

SW846 7471A

EPA 245.5 CLP-M

Type of Digestion:

Hot Block: Start Time: 4:00 Temp: 90-93° End Time: 4:30 Temp: 90-93°
Water Bath: Start Time:_____ Temp:_____ End Time:_____ Temp:_____
Autoclave: Start Time:_____ End Time:_____ Temp/Pressure:_____

Bot #	Sample ID	Initial Sample Wt. in g	Final Samp Vol ml	Spike Used Amount Spiked	Spike Used Added-Y or N	Spikelot and Conc (mg/L)	MP Number	Comments
1	ICV		100	3.0 ml	Y	0.1		
2	ICB							
	CCV			2.5 ml	Y	0.1		
	CCB							
3	CRA			2.0 ml	Y	0.01		
4	MP55941-MB1	0.6000					MP55941	
5	MP55941-LC1	0.1004						
6	MP55941-S1	0.6108		2.0 ml	Y	0.1		JA61946-1
7	MP55941-S2	0.6144		2.0 ml	Y	0.1		JA61946-1
8	JA61946-1	0.6164						
9	JA61968-1	0.6528						
10	JA61405-23A	0.6049						
11	JA61405-24A	0.6460						
12	JA61405-25A	0.6086						
	CCV			2.5 ml	Y	0.1		
	CCB							
13	JA61405-26A	0.6104						
14	JA61925-1	0.6358						
15	JA60035-25ABCONF	0.6568						
16	JA61985-1	0.6290						
17	JA61985-2	0.6351						
18	JA61986-1	0.6598						
19	JA61986-2	0.6353						
20	JA62028-7	0.6141						
21	JA62028-8	0.6145						
22	JA62028-9	0.6252						
	CCV			2.5 ml	Y	0.1		
	CCB							
23	JA62411-1	0.6240						
24	JA62411-2	0.6325						
25	JA62411-3	0.6361						
26	JA62411-4	0.6240						
27	JA62411-5	0.6378						
28	MP55942-MB1	0.6000					MP55942	
29	MP55942-LC1	0.1003						
30	MP55942-S1	0.6229		2.0 ml	Y	0.1		JA61992-1A
31	MP55942-S2	0.6226		2.0 ml	Y	0.1		JA61992-1A
32	JA61992-1A	0.6201						
	CCV			2.5 ml	Y	0.1		
	CCB							

Form: GN-022F
Revision Date:06/09/08

ANALYST: _____ DATE: 12/01/10
QC REVIEWER: _____ DATE: _____

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ACCUTEST

Mercury Digestion Log

Product: HG / HGCLP / HGLIQ
Matrix: Soil

MA Batch #: MA25449
Analyst: VIDYAK
Date: 12/1/2010 12:36
Balance ID: 24
Reagents: See attached sheet
Thermometer ID: 130

Methods (Circle as appropriate)

SW846 7471A EPA 245.5 CLP-M

Type of Digestion: Hot Block: Start Time: 4:00 Temp: 96-93° End Time: 9:45 Temp: 96-93°
Water Bath: Start Time:_____ Temp:_____ End Time:_____ Temp:_____
Autoclave: Start Time:_____ End Time:_____ Temp/Pressure:_____

Bot #	Sample ID	Initial Sample Wt. in g	Final Samp Vol ml	Spike Used Amount Spiked	Spike Used Added- Y or N	Spikelot and Conc (mg/L)	MP Number	Comments
33	JA61992-2A	0.6336	100				MP55942	
34	JA61992-3A	0.6484						
35	JA61992-4A	0.6191						
36	JA61992-5A	0.6038						
37	JA61992-6A	0.6429						
38	JA61992-7A	0.6414						
39	JA61992-8A	0.6614						
40	JA61992-9A	0.6054						
41	JA61992-10A	0.6266						
42	JA61992-11A	0.6147						
	CCV			2.5 ml	Y	0.1		
	CCB							
43	JA61992-12A	0.6538						
44	JA61992-13A	0.6519						
45	JA61992-14A	0.6175						
46	JA61992-15A	0.6387						
47	JA61992-16A	0.6354						
48	JA61992-17A	0.6240						
49	JA61992-18A	0.6123						
50	JA61992-19A	0.6154						
51	JA61992-20A	0.6128						
52	MP55943-MB1	0.6000					MP55943	
	CCV			2.5 ml	Y	0.1		
	CCB							
53	MP55943-LC1	0.1005						
54	MP55943-S1	0.6243		2.0 ml	Y	0.1		JA62485-1
55	MP55943-S2	0.6266		2.0 ml	Y	0.1		JA62485-1
56	JA62485-1	0.6213						
57	JA62485-2	0.6118						
58	JA62485-3	0.6032						
59	JA62485-4	0.6241						
60	JA62485-6	0.6281						
61	JA62485-7	0.6063						
62	JA62485-8	0.6108						
	CCV			2.5 ml	Y	0.1		
	CCB							
63	JA62746-1	0.6406						
64	JA62746-2	0.6139						
65								
66								

Form: GN-022F
Revision Date:06/09/08

ANALYST: _____ DATE: 12/01/10
QC REVIEWER: _____ DATE: _____

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ACCUTEST.

Mercury Digestion Log

Product: HG / HGCLP / HGLIQ
Matrix: Soil

MA Batch #:	MA25449
Analyst:	VIDYAK
Date:	12/1/2010
Balance ID:	24
Reagents:	See attached sheet
Thermometer ID:	130

Methods (Circle as appropriate)

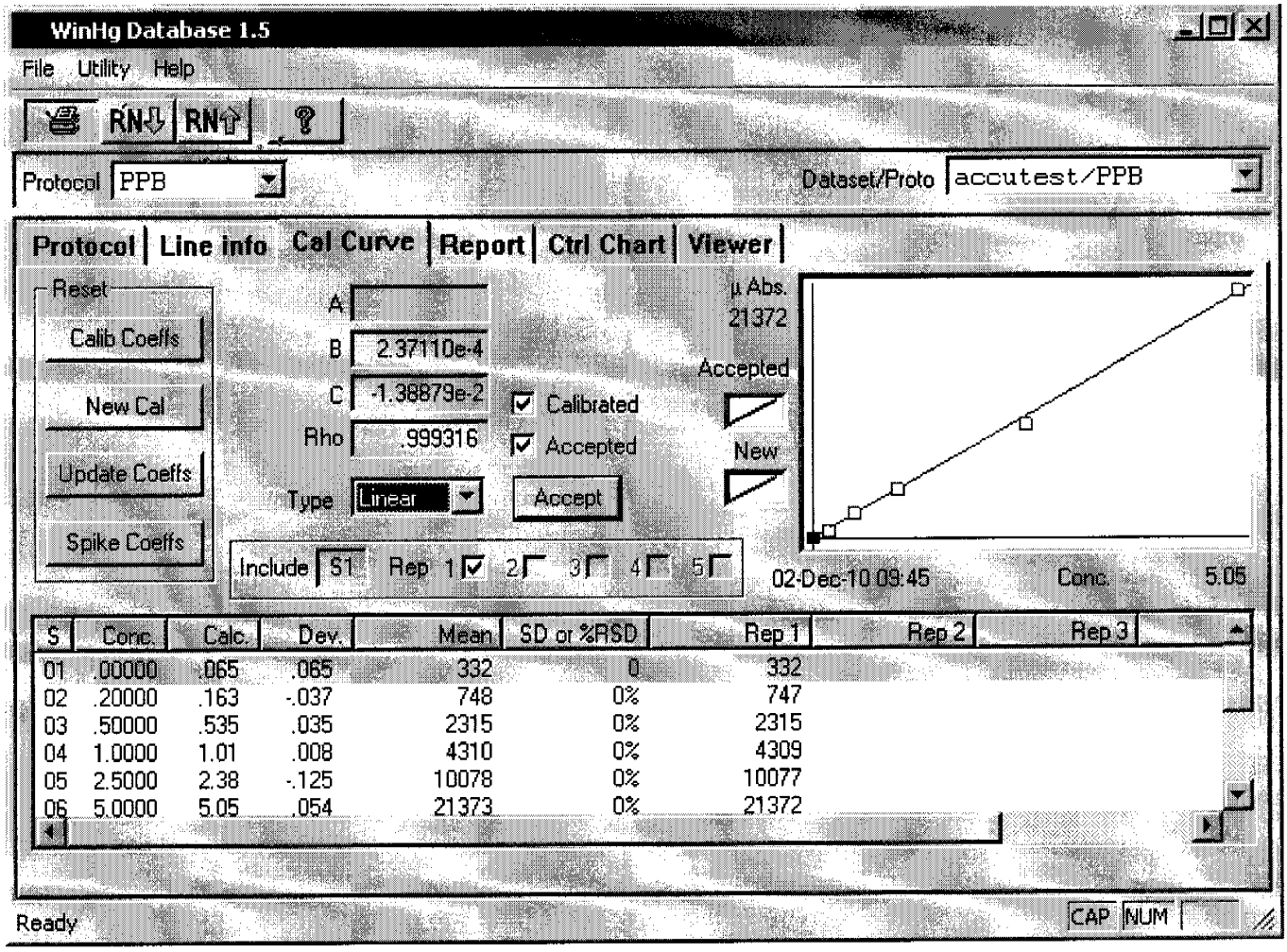
SW846 7271A **EPA 245.5 CLP-M**

Type of Digestion: Hot Block: Start Time: 4:00 Temp: 90-3-93° End Time: 4:30 Temp: 90-3-93°
Water Bath: Start Time:_____ Temp:_____ End Time:_____ Temp:_____
Autoclave: Start Time:_____ End Time:_____ Temp/Pressure:_____

Bot #	Sample ID	Initial Sample Vol in ml	Final Sample Vol in ml	Spiked Used		Spikelot and Conc (mg/L)	MP Number	Comments
				Amount Spiked	Added- Y or N			
S-1	Calibration Blank	100 ml	100 ml	N/A	N	N/A	N/A	N/A
S-2	0.20 ug/l standard	100 ml	100 ml	2.0 ml	Y	0.0100	N/A	
S-3	0.50 ug/l standard	100 ml	100 ml	5.0 ml	Y	0.0100	N/A	
S-4	1.00 ug/l standard	100 ml	100 ml	1.0 ml	Y	0.1000	N/A	
S-5	2.50 ug/l standard	100 ml	100 ml	2.5 ml	Y	0.1000	N/A	
S-6	5.00 us/l standard	100 ml	100 ml	5.0 ml	Y	0.1000	N/A	

Analyst: _____ **Date:** 12/01/10
QC Reviewer: _____ **Date:** _____

Form: GN-022E
Rev. Date: 06/09/08


WinHg Database 1.5
File Utility Help
RN⇩ RN⇧
Protocol PPB
Dataset/Proto accutest/PPB
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 2.37110e-4
C -1.38879e-2
Rho .999316
Type Linear
Calibrated
Accepted
Accept
µ Abs.
21372
Accepted
New
Include S1 Rep 1 2 3 4 5
02-Dec-10 09:45
Conc. 5.05
S Conc. Calc. Dev. Mean SD or %RSD Rep 1 Rep 2 Rep 3
01 .00000 .065 .065 332 0 332
02 .20000 .163 -.037 748 0% 747
03 .50000 .535 .035 2315 0% 2315
04 1.0000 1.01 .008 4310 0% 4309
05 2.5000 2.38 -.125 10078 0% 10077
06 5.0000 5.05 .054 21373 0% 21372
Ready
CAP NUM

ACCUTEST

Solid/Soil Digestion Log MP Batch ID: MP55928
ICP Digestion Method: SW846 3050B
Heating Method: Digestion Block

Method Blank ID:	MP55928-MB1	**Prep Date :** 12/01/2010	
Lab Control/Spike Blank ID:		**Start Time** 10:00 **Start Temp** 92+0=92 **Therm ID:**	118
Lab Control Source:			
Balance ID:	B41	**End Time** 16:00 **End Temp:**	94+0=94
DUP 1 Sample ID:		**Acceptable temperature Ranges:**	
DUP 2 Sample ID:		**EPA 200.7**	**90 to 95 deg. C**
MS 1 Sample ID:	JA61985-2	**SW846 3010A, 3020A, 3050B**	**90 to 95 deg. C**
MS 2 Sample ID:	JA61985-2	**CLP SOW**	**92 to 95 deg. C**

* Serial dilutions shown on this form are not a separate digestion, but are shown for QC tracking purposes only

Sample ID	Wet Weight in G	% SOL	Final Volume in ML	Acids Used Amount and Name	Acids Used Added - Y or N	Spikes Used Amount and Name	Spikes Used Added - Y or N	Comments
MP55928-MB1	1.00		100	10ml (1:1) HNO3	Y	2.0ml Sp	Y	
MP55928-B1	1.00			5ml conc HNO3	Y	2.0 ml MIN2	Y	
MP55928-S2	1.02			5ml 30% H2O2	Y	1.0ml Odd Spike	N	
MP55928-S1	0.99			10ml conc HCl	Y			
MP55928-SD1	0.97							
JA58808-35T	1.02							
JA58808-47T	0.97							
JA58808-51T	1.03							
JA61982-1A	1.00							
JA61982-2A	0.97							
JA61985-1	0.97							
JA61985-2	0.97							
JA61985-3	1.02							
JA62028-3	1.01							
JA62028-4	0.96							
JA62028-5	0.99							
JA62028-6	1.02							
JA62028-7	1.00							
JA62028-8	1.02							
JA62028-9	1.00							
JA62493-2	1.01							
JA62493-3	0.99							
JA62493-4	0.98							
JA61968-1	1.00							
JA62700-1	1.01							

RP 12/01/10

R.A. Reed 12/01/10 **QC Reviewer:** W. Huffman 12/1/10

Rev. Date: 06/09/08
FORM: AA-18B

10.5.2 10

New Jersey ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Percent Solids Raw Data Summary

Percent Solids Raw Data Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: JA62028-1 **Analyzed:** 01-DEC-10 by JS **Method:** SM18 2540G
ClientID: FLS-BOILERROOM(3.0')

Wet Weight (Total)	29.6	g
Tare Weight	21.25	g
Dry Weight (Total)	28.56	g
Solids, Percent	87.5	%

Sample: JA62028-2 **Analyzed:** 01-DEC-10 by JS **Method:** SM18 2540G
ClientID: FLS-STAINSOIL(3.0')

Wet Weight (Total)	33.78	g
Tare Weight	26.13	g
Dry Weight (Total)	32.59	g
Solids, Percent	84.4	%

Sample: JA62028-3 **Analyzed:** 01-DEC-10 by JS **Method:** SM18 2540G
ClientID: FLS-UST-2(3.5')

Wet Weight (Total)	31.02	g
Tare Weight	24.14	g
Dry Weight (Total)	29.11	g
Solids, Percent	72.2	%

Sample: JA62028-4 **Analyzed:** 01-DEC-10 by JS **Method:** SM18 2540G
ClientID: FLS-UST-4(2.0')

Wet Weight (Total)	31.07	g
Tare Weight	25.9	g
Dry Weight (Total)	29.97	g
Solids, Percent	78.7	%

Sample: JA62028-5 **Analyzed:** 01-DEC-10 by JS **Method:** SM18 2540G
ClientID: FLS-UST-3(3.0')

Wet Weight (Total)	37.55	g
Tare Weight	28.19	g
Dry Weight (Total)	36.2	g
Solids, Percent	85.6	%

Sample: JA62028-6 **Analyzed:** 01-DEC-10 by JS **Method:** SM18 2540G
ClientID: FLS-UST-1(1.5')

Wet Weight (Total)	29.42	g
Tare Weight	23.6	g
Dry Weight (Total)	28.09	g
Solids, Percent	77.1	%

Percent Solids Raw Data Summary

Job Number: JA62028
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: 525 West 52nd Street, New York, NY

Sample: JA62028-7 **Analyzed:** 01-DEC-10 by JS **Method:** SM18 2540G
ClientID: FLS-FD-2(2.5')

Wet Weight (Total)	29.9	g
Tare Weight	23.53	g
Dry Weight (Total)	28.73	g
Solids, Percent	81.6	%

Sample: JA62028-8 **Analyzed:** 01-DEC-10 by JS **Method:** SM18 2540G
ClientID: FLS-FD-1(2.0')

Wet Weight (Total)	30.8	g
Tare Weight	24.28	g
Dry Weight (Total)	29.85	g
Solids, Percent	85.4	%

Sample: JA62028-9 **Analyzed:** 01-DEC-10 by JS **Method:** SM18 2540G
ClientID: DLS-FD-3(2.0')

Wet Weight (Total)	36.24	g
Tare Weight	28.74	g
Dry Weight (Total)	35.38	g
Solids, Percent	88.5	%

PHASE II SUBSURFACE INVESTIGATION

525 WEST 52ND STREET LLC
523-531 WEST 52ND STREET
(A.K.A. 520-528 WEST 53RD STREET)
NEW YORK, NEW YORK 10019

GCI Project No. 2006124

Prepared For:

Commerce Bank, N.A.
Real Estate Loan Administration
2059 Springdale Road
Cherry Hill, New Jersey 08003

Subsurface Investigation Date: May 23, 2006

Report Date: June 2, 2006

Prepared by:

General Consolidated Industries, Inc. (GCI)
1092 Motor Parkway
Hauppauge, New York 11788-5228
(800) 842-5073

EXECUTIVE SUMMARY

A Phase I Environmental Site Assessment (ESA) report, dated May 5, 2006, was prepared for the subject site by GCI. The findings of the Phase I ESA report indicated the presence of several Recognized Environmental Conditions (RECs) which required further assessment. The RECs addressed by the Phase II activities are summarized as follows:

- Based on the present and historical operations of the subject site entailing photographic developing and printing, there was a concern that any accidental spills and/or illegal discharges to the interior discharge points may have caused subsurface soil and/or groundwater contamination.

- According to Sanborn Fire Insurance Maps, a gasoline tank was located at the site from circa 1951 until at least 1996. Based on the Sanborn Fire Insurance maps, there was a concern that an undocumented storage tank is located at the subject site.

A series of dye tests were conducted at the subject site in order to determine the respective discharge points for the five (5) slop sinks, the nineteen (19) bathrooms, the two (2) printer drainage points, the five (5) sump pits, the three (3) floor drains and the two (2) trench drains. The results of the dye tests confirmed that the five (5) slop sinks, the bathrooms, the three (3) printer drainage points, and three (3) of the sump pits are connected to the municipal New York City sewer system (NYC SS). Trench drain TD-1 was confirmed to be connected to sump pit SP-2, which then discharges to the municipal sewer. There is no further work required for the discharge points confirmed to be connected to the sewer system. There are six (6) drainage points which could not be confirmed to be connected to the municipal sewer system due to the structures being clogged, specifically listed as follows: Sump Pit SP-3, Sump Pit SP-5, Floor Drain FD-1, Floor Drain FD-2, Floor Drain FD-3, and Trench Drain TD-2. These structures will need to be pumped out, cleared of debris and then power jetted to clear the structures and the piping.

A Geophysical Investigation, consisting of a magnetometer survey, was conducted throughout the subject site, specifically in the suspect areas of the sidewalk area along West 52nd Street, the loading dock located along West 52nd Street, and the basement area along 52nd Street. A Whites TM-808 magnetometer was utilized to survey the subject site. There were no magnetic anomalies detected in the suspect areas of the subject site which were indicative of an underground storage tank (UST). There was no evidence of storage tanks observed, such as patched areas, fill ports, vent lines, manways, etc. Based on the location of the underground transformer vault and the extent of the basement area, the remaining areas for a potential UST are limited. There is no further work recommended at this time with regard to this issue.

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REPORT SPECIFICATIONS

This report contains ten (10) pages of text.

Copies and circulation of this report are as follows:

Two	(2)	Original bound reports to Mr. Christopher R. Eyre, Commerce Bank, N.A.
One	(1)	Original bound report to Mr. Gerry M. Ritterman, 525 West 52nd Street LLC.
One	(1)	Unbound original report in the confidential client file at General Consolidated Industries, Inc. (GCI).
One	(1)	Copy on security protected computer disk at General Consolidated Industries, Inc. (GCI).

This report is prepared for the exclusive use of parties noted above and is considered private and strictly confidential. General Consolidated Industries, Inc. (GCI) shall not release this report or any of the findings of this report to any person or agency except with the authorization of the principal parties noted above.

1.0 INTRODUCTION

General Consolidated Industries, Inc. (GCI) has been retained to prepare a Phase II Subsurface Investigation for the subject site located at 523-531 West 52nd Street (a.k.a. 520-528 West 53rd Street) Borough of Manhattan, City of New York, New York. This subsurface investigation was predicated upon the findings of the Phase I Environmental Site Assessment (ESA) reports prepared by GCI, dated May 5, 2006.

The Phase II Subsurface Investigation activities were conducted at the site in order to satisfy Recommendation Nos. 1 and 2B in the Phase I ESA report. Based upon the findings of the Phase I ESA report, the following Recognized Environmental Conditions (RECs) were noted to require further assessment:

1. Based on the present and historical operations of the subject site entailing photographic developing and printing, there was a concern that any accidental spills and/or illegal discharges to the interior discharge points may have caused subsurface soil and/or groundwater contamination.

2. According to Sanborn Fire Insurance Maps, a gasoline tank was located at the site from circa 1951 until at least 1996. Based on the Sanborn Fire Insurance maps, there was a concern that an undocumented storage tank is located at the subject site.

1.1 Objectives / Methodology

The objectives and methodology utilized during the subsurface investigation were as follows:

1) To dye test the five (5) slop sinks, the nineteen (19) bathrooms, the two (2) printer drainage points, the five (5) sump pits, the three (3) floor drains and the two (2) trench drains at the subject site in order to determine the respective discharge points. A series of dye tests were performed by mixing EPA approved biodegradable dye tablets and water and introducing the mixture into the aforementioned areas. Subsequent to administering the dye, the municipal New York City sewer system (NYC SS) service line was inspected for the presence of the dye.

2) To conduct an inspection of the building interior. To perform a Geophysical Investigation consisting of a magnetometer survey throughout suspect areas of concern at the subject site for the possible location of an underground storage tank (UST). The areas of concern were investigated using a White's TM-808 magnetometer. Any anomalous areas identified were marked out for further investigation.

The scope of work was designed in accordance with all applicable regulatory and industry standards regarding subsurface investigations. The scope of work performed at the site will provide the necessary information to determine whether or not there has been an impact to the subject property.

Conclusions and recommendations are submitted based on the careful consideration of the results of the above work. Recommendations are formulated with respect for maintaining the collateral value of the property. This report is intended to assess the threat to human health or collateral value of the property.

The accuracy of presenting the findings of this subsurface investigation was considered of paramount importance during the formulation of this report. However, the report's accuracy is limited to the information available from interviews, records, files and plans released by the property owner and/or his representatives and/or the respective regulatory agencies, their attorneys and information officers. The above mentioned parties interest in issues presented herein is unknown to GCI.

GCI expressly reserves its common law copyright and other property rights in this report. This report is not to be reproduced, changed or copied in any form or manner whatsoever, nor is it to be assigned to any third party without first obtaining the express written permission and consent of GCI.

Tom P. Smyth
President
General Consolidated Industries, Inc.

2.0 SUBSURFACE INVESTIGATION

The following sections summarize the work conducted, the field observations and data collected, as well as any other pertinent site information which may have been obtained during the performance of the investigative activities.

2.1 Dye Testing

A series of dye tests were conducted at the subject site in order to determine the respective discharge points for the five (5) slop sinks, the nineteen (19) bathrooms, the two (2) printer drainage points, the five (5) sump pits, the three (3) floor drains and the two (2) trench drains.

The dye tablets were mixed with water and introduced to the drainage points. The municipal New York City sewer system (NYC SS) service line was subsequently inspected for the presence of the dye.

The results of the dye tests confirmed that the five (5) slop sinks, the bathrooms, the three (3) printer drainage points, and three (3) of the sump pits are connected to the municipal New York City sewer system (NYC SS). Trench drain TD-1 was confirmed to be connected to sump pit SP-2, which then discharges to the municipal sewer. There is no further work required for the discharge points confirmed to be connected to the sewer system.

There are six (6) drainage points which could not be confirmed to be connected to the municipal sewer system due to the structures being clogged. The following is a detail of the six (6) drainage points which could not be confirmed to be connected to the municipal sewer system:

Sump Pit SP-3
Sump Pit SP-3 was filled with water and not draining. The pit is approximately five (5) feet deep. There appeared to be wiring for a sump pump present.

Sump Pit SP-5
Sump Pit SP-5 was filled with oil and water and was not draining. The pit is approximately three (3) feet deep.

Floor Drain FD-1

Floor Drain FD-1 located in the mail room was clogged with an oily sludge and debris. The drain appeared to have a pipe within it, but the discharge location could not be confirmed. It was reported by Mr. Gerry Ritterman that this drain is piped to a buried leaching "drywell". It was reported that the drywell is located beneath the floor drain.

Floor Drain FD-2

Floor Drain FD-2 was clogged with an oily sludge and debris. The drain appeared to have a pipe within it, but the discharge location could not be confirmed. It was reported by Mr. Gerry Ritterman that this drain is piped to a buried leaching "drywell". There is a clean out located adjacent to the floor drain which is also clogged. There was a patched area in the concrete adjacent to FD-2 and this area appears to have been excavated sometime in the past. If a drywell is present, the patched area would be the likely location.

Floor Drain FD-3

Floor Drain FD-3 was clogged with an oily sludge and debris. The drain appeared to have a pipe within it, but the discharge location could not be confirmed.

Trench Drain TD-2

Trench Drain TD-2 is located in the basement, specifically at the base of the driveway ramp from West 53rd Street. The trench drain was clogged with debris. The drain appears to have a pipe within it, but the discharge location could not be confirmed.

An attempt was made to clear and dye test the six (6) above listed drainage points, but they were unable to be successfully dye tested. The structures will need to be pumped out, cleared of debris and then power jetted to clear the structures and the piping. The areas of the two (2) reported leaching drywells should be investigated in order to confirm their presence.

The locations of the drainage points are depicted on Figure 2.0 - Site Diagram.

2.2 Geophysical Investigation

A Geophysical Investigation, consisting of a magnetometer survey, was conducted throughout the subject site, specifically in the suspect areas of the sidewalk area along West 52nd Street, the loading dock located along West 52nd Street, and the basement area along 52nd Street.

A Whites TM-808 magnetometer was utilized to survey the subject site. A grid consisting of north-south and east-west traverses was established across the respective areas to be investigated at the subject site. The TM-808 control unit transmits a signal into the subsurface, and the reflected portion of the signal travels back to the antenna on the control unit. An audible tone is produced when ferro-magnetic structures are encountered, such as USTs, steel piping, manhole covers, etc. The magnetometer unit can be set to read changes in the subsurface lithology, such as when soil types drastically change or there is an underground void such as a cave, drywell, cesspool, etc. The magnetometer control unit is carried along traverses spaced approximately two (2) feet apart, both parallel and perpendicular throughout suspect areas of concern in an attempt to identify any buried structures that may be present. All anomalies encountered are marked out with red spray paint for further on-site investigation.

The sidewalk area along 53rd Street was not able to be surveyed due to interference from steel scaffolding along the sidewalk. There were no magnetic anomalies detected in the suspect areas of the subject site which were indicative of an underground storage tank (UST).

Furthermore, the suspect areas were closely inspected. There was no evidence of storage tanks observed, such as patched areas, fill ports, vent lines, manways, etc. In addition, the area of the basement was also inspected. Based on the location of the underground transformer vault and the extent of the basement area, the remaining areas for a potential UST are limited.

3.0 CONCLUSIONS & RECOMMENDATIONS

3.1 Conclusions

Based on the completion of the Phase II Subsurface Investigation of the subject site, GCI has come to the following conclusions:

A series of dye tests were conducted at the subject site in order to determine the respective discharge points for the five (5) slop sinks, the nineteen (19) bathrooms, the two (2) printer drainage points, the five (5) sump pits, the three (3) floor drains and the two (2) trench drains. The results of the dye tests confirmed that the five (5) slop sinks, the bathrooms, the three (3) printer drainage points, and three (3) of the sump pits are connected to the municipal New York City sewer system (NYC SS). Trench drain TD-1 was confirmed to be connected to sump pit SP-2, which then discharges to the municipal sewer. There is no further work required for the discharge points confirmed to be connected to the sewer system. There are six (6) drainage points which could not be confirmed to be connected to the municipal sewer system due to the structures being clogged, specifically listed as follows: Sump Pit SP-3, Sump Pit SP-5, Floor Drain FD-1, Floor Drain FD-2, Floor Drain FD-3, and Trench Drain TD-2. These structures will need to be pumped out, cleared of debris and then power jetted to clear the structures and the piping.

A Geophysical Investigation, consisting of a magnetometer survey, was conducted throughout the subject site, specifically in the suspect areas of the sidewalk area along West 52nd Street, the loading dock located along West 52nd Street, and the basement area along 52nd Street. A Whites TM-808 magnetometer was utilized to survey the subject site. There were no magnetic anomalies detected in the suspect areas of the subject site which were indicative of an underground storage tank (UST). There was no evidence of storage tanks observed, such as patched areas, fill ports, vent lines, manways, etc. Based on the location of the underground transformer vault and the extent of the basement area, the remaining areas for a potential UST are limited. The Geophysical Investigation work conducted satisfies Recommendation No. 2B of the Phase I Environmental Site Assessment (ESA) report, dated May 5, 2006. There is no further work recommended at this time with regard to this issue.

3.2 Recommendations

On-Site Discharges

There are six (6) drainage points which could not be confirmed to be connected to the municipal sewer system due to the structures being clogged. The six (6) structures are specifically listed as follows: Sump Pit SP-3, Sump Pit SP-5, Floor Drain FD-1, Floor Drain FD-2, Floor Drain FD-3, and Trench Drain TD-2. An attempt was made to clear and dye test the six (6) above listed drainage points, but they were unable to be successfully dye tested. The structures will need to be pumped out, cleared of debris and then power jetted to clear the structures and the piping. The areas of the two (2) reported leaching drywells should be investigated in order to confirm their presence. If these structures are found to discharge to an on-site leaching structure(s), then the leaching structures should be accessed and sampled.

Limitations

The purpose of this investigation was to identify potential sources of contamination. The findings and conclusions set forth in this report are based upon information that was available to GCI, during its inspection of the property and after review of selected records and documents. If new information becomes available concerning the property after this date, or if the property is used in a manner other than that which is identified in this report, the findings and conclusions contained herein may have to be modified. Additionally, while this investigation was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry, GCI can not guarantee that the property is completely free of hazardous substances or other materials or conditions that could subject the owner and/or operator to potential liability. Future events and/or investigation could change the findings stated herein. Should additional investigations encounter differing conditions, sections of this report may require modification.

The preceding Environmental Assessment is subject to the following conditions and to such other conditions and limiting conditions as are set forth in the report.

1. GCI assumes no responsibility for hidden or latent conditions or misrepresentation by the property owner, his/her representatives, public information officials or any authority consulted in connection with the compilation of this report.

2. This report is prepared for the sole and explicit purpose for assessing the potential liability with respect to the presence of hazardous materials that may pose a potential health or environmental threat and for evaluating collateral risk associated with the same. This report is not intended to have any direct bearing on the value of the property.

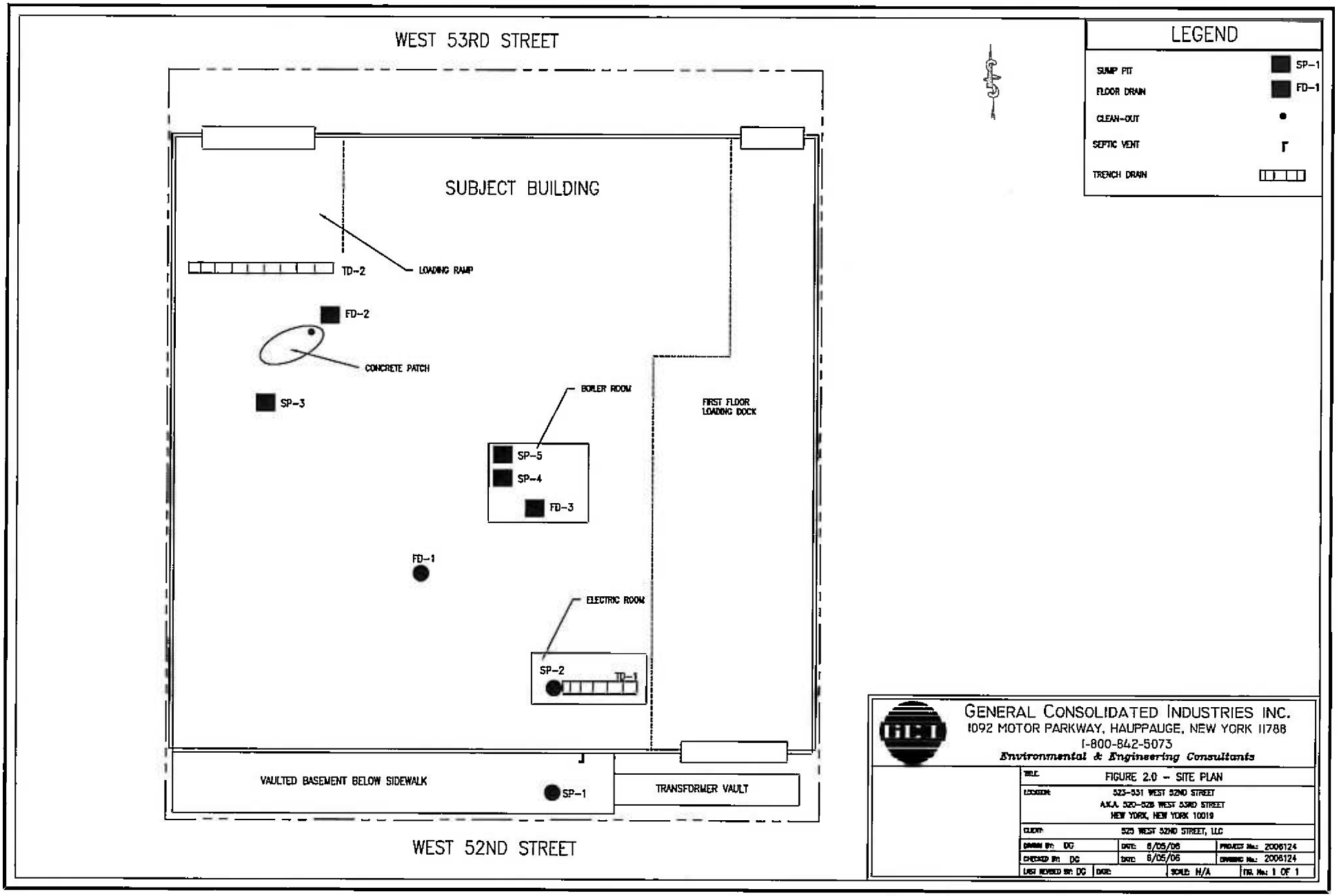
3. The Environmental Assessment is for the sole use of the principal parties. No disclosure or reproduction shall be made of the preceding report without the prior written consent of GCI.

4. GCI or any representative of GCI is not required to give testimony with reference to the opinions expressed herein without prior written arrangement.

Disclaimer

This report is for the use by the client as a guide in determining the possible presence of toxic materials on the subject property at the time of the inspection. This report is based on the review of historic records (which may be incomplete), relating to past occupants, and upon a visual inspection of the surrounding properties at the time of inspection, and makes no determinations with respect to portions of the surrounding properties which were not inspected.

Any and all liability on the part of GCI shall be limited solely to the cost of this environmental assessment. GCI shall have no liability for any damages, whether consequential, compensatory, punitive, or special, arising out of, incidental to, or as a result of, this assessment and report. GCI shall have no liability for any cleanup and/or response costs, or any other incidental, or consequential, punitive, or special costs arising out of, incidental to, or as a result of any action against the client brought by any federal, state, or local government agency. GCI assumes no liability for the use of this assessment and report by any person or entity other than the client for whom it has been prepared.



GENERAL CONSOLIDATED INDUSTRIES INC.
1092 MOTOR PARKWAY, HAUPPAUGE, NEW YORK 11788
1-800-842-5073
Environmental & Engineering Consultants

TITLE:	FIGURE 2.0 – SITE PLAN
LOCATION:	523-531 WEST 52ND STREET A.K.A. 520-528 WEST 53RD STREET NEW YORK, NEW YORK 10019
CLIENT:	525 WEST 52ND STREET, LLC
DRAWN BY: DG	DATE: 8/05/06 — PROJECT No.: 2006124
CHECKED BY: DG	DATE: 8/05/06 — DRAWING No.: 2006124
LAST REVISED BY: DG	DATE: — SCALE: N/A — FIG. No.: 1 OF 1

APPENDIX C

FIELD SAMPLING LOGS

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LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:		**Site Location:**	525 W 52 Street	**Well No:**	LMW-3	**Date:**	1/8/14
Job Number:		**Weather:**				**Sampling Crew:**	C.M.Z
Initial Depth to Water (ft):	1.00 ft	**Well Depth (ft):**	1.75	**Pump Intake Depth (ft):**			

TIME	pH (std. Units)	COND. (uS)	Turbidity (NTU)	DO (mg/L or %)	TEMP. °C	ORP (mV)	DTW (ft)	Q (ml/m)	NOTES color, odor etc.
925	12.54	5.191	217.0	4.70	9.63	-152	1.70		
931	12.94	4.36	136.0	7.32	9.01	-146.1	1.40		
935	12.51	3.23	101.0	9.23	8.66	-142.2	1.40		
947	12.26	2.415	92.4	10.22	8.44	-152.2	1.39		
955	11.10	2.178	112.7	10.58	8.35	-132.1	1.70		
1006	10.40	1.952	132.7	10.70	8.36	-113.9	1.70		
1018	9.53	2.014	67.6	10.75	8.39	-114.7	1.70		
1026	9.39	2.045	55.4	10.75	8.42	-117.0	1.70		
1035	9.27	2.071	42.0	10.90	8.45	-120.0	1.70		
1045	9.19	2.099	36.7	10.95	8.49	-121.4	1.70		
									1/9/14
1040	DTW: 1.20 ft			DTB: 1.75 ft					
1041	11.90	2.295	52.5	5.94	9.03°C	-109.6	1.40		DE sample to get list 2 analytes
1050	10.90	2.149	36.0	9.75	8.43	-122.3	1.65		
1119	9.00	2.315	19.7	11.13	8.12	-125.8	1.70		
1144	8.71	2.323	10.9	11.30	20.03	-123.1	1.70		
	+/- 0.1 pH	+/- 3%	+/- 10 NTU	<5 NTU	+/- 3%	+/- 10 MV	<0.3' drawdown		

Analytical Program

								Notes:
TCL-VO+10		PP-VO+15		MBTE		Phenols		
TCL-BN+15		PP-BN+15		TBA		Others		
TCL-AE+5		PP-AE+10		Cyanide		PCE		
TCL-BNA+20		PP-BNA+25		TPH		TCE		
TCL-Pesticides		PP-Pesticides		TDS		cis-DCE		
TCL+30		PP-Metals		TSS		trans-DCE		
TAL		PP+40		TOX		VC		
TAL-Metals		PCB		TOC		Pb		

3440 QA 7447

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LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:		**Site Location:**		**Well No:**	MW-4	**Date:**	1/5/14
Job Number:		**Weather:**				**Sampling Crew:**	CMT
Initial Depth to Water (ft):	1.00 ft	**Well Depth (ft):**	1.75			**Pump Intake Depth (ft):**	

TIME	pH (std. Units)	COND. (uS)	Turbidity (NTU)	DO (mg/l - %)	TEMP. °C	ORP (mV)	DTW (ft)	Q (ml/m)	NOTES color, odor etc.
1142	11.46	3.491	114.10	10.17	9.10	-141.5	1.00		
1155	10.57	4.530	83.5	10.07	10.52	-53.0	1.00		
1205	8.22	5.038	59.1	8.69	11.53	-100.0	1.00		
1216	7.81	5.076	36.5	8.60	11.74	-79.2	1.00		
1224	7.65	5.074	26.4	8.77	11.63	29.4	1.00		
1233	8.01	5.034	27.1	9.21	11.47	28.1	1.00		
1242	7.64	5.035	19.4	9.36	11.51	25.7	1.00		
1249	7.53	5.033	15.8	9.44	11.56	28.6	1.00		
1300	7.56	5.035	16.3	9.41	11.53	27.4	1.00		
	+/- 0.1 pH	+/- 3%	+/- 10 NTU	<5 NTU	+/- 3%	+/- 10 MV	<0.3' drawdown		

Analytical Program

TCL-VO+10		PP-VO+15		MBTE		Phenols		Notes:
TCL-BN+15		PP-BN+15		TBA		Others		
TCL-AE+5		PP-AE+10		Cyanide		PCE		
TCL-BNA+20		PP-BNA+25		TPH		TCE		
TCL-Pesticides		PP-Pesticides		TDS		cis-DCE		
TCL+30		PP-Metals		TSS		trans-DCE		
TAL		PP+40		TOX		VC		
TAL-Metals		PCB		TOC		Pb		

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ENGINEERING & ENVIRONMENTAL SERVICES

LOG OF BORING LSB-1 **SHEET** 1 **OF** 1

PROJECT: 525 W52 Street	PROJECT NO.: 100396701
LOCATION: 525 W52 Street	ELEVATION AND DATUM: N/A
DRILLING AGENCY: PAL	DATE STARTED: 1/7/14 — DATE FINISHED: 1/7/14
DRILLING EQUIPMENT: Geoprobe 7822 DT	COMPLETION DEPTH: 2.0 ft — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT	NO. SAMPLES: DIST. N/A, UNDIST. 1, CORE N/A
CASING	WATER LEVEL: FIRST N/A, COMPL. N/A, 24 HR. N/A
CASING HAMMER — WEIGHT — DROP	FOREMAN: Jeremy Bravo
SAMPLER	INSPECTOR: Claire Zaccheo
SAMPLER HAMMER — WEIGHT — DROP	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: PID (ppm)	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
0-1.5 ft: Reddish brown & black FILL; medium to coarse grain SAND; [DRY]	1	0.0	UC	2 ft	NA	*0-8in concrete slab
1.5-2.0 ft: Weathered bedrock	2	0.0				2.0 ft: Refusal at bedrock; end of boring
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					

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LOG OF BORING LSB-2 **SHEET** 1 **OF** 1

PROJECT: 525 W52 Street	PROJECT NO.: 100396701
LOCATION: 525 W52 Street	ELEVATION AND DATUM: N/A
DRILLING AGENCY: PAL	DATE STARTED: 1/7/14 — DATE FINISHED: 1/7/14
DRILLING EQUIPMENT: GeoProbe 7822DT	COMPLETION DEPTH: 2 ft — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. N/A, UNDIST. 1, CORE N/A
CASING: N/A	WATER LEVEL: FIRST N/A, COMP. N/A, 24 HR. N/A
CASING HAMMER: WEIGHT N/A, DROP N/A	FOREMAN: Jeremy Bravo
SAMPLER: 5' x 1.5" macrocore	INSPECTOR: Claire Zaccheo
SAMPLER HAMMER: WEIGHT N/A, DROP N/A	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: Headspace (ppm)	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
0-1 ft: Brown/grey FILL, some medium to coarse grain SAND; trace SILT, [DRY]	0	0				*0-8in concrete slab
1-2 ft: weathered bedrock	1	0	N	1.4 ft	11	2.0 ft Refusal at bedrock. End of boring
	2	0	N	2	2	
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					

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LOG OF BORING LSB-3 **SHEET** 1 **OF** 1

PROJECT: 525 W52 street	PROJECT NO.: 100396701
LOCATION: 525 W52 street	ELEVATION AND DATUM: N/A
DRILLING AGENCY: PAL	DATE STARTED: 1/7/14 — DATE FINISHED: 1/7/14
DRILLING EQUIPMENT: Geoprobe 7822 DT	COMPLETION DEPTH: 0.5 ft — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. N/A, UNDIST 1, CORE N/A
CASING: N/A	WATER LEVEL: FIRST N/A, COMP N/A, 24 HR. N/A
CASING HAMMER: WEIGHT N/A, DROP N/A	FOREMAN: Jeremy Bravo
SAMPLER: 5' x 1.5" macrocore	INSPECTOR: Claire Turino
SAMPLER HAMMER: WEIGHT N/A, DROP N/A	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: READING (ppm)	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
0-0.5 ft grey FILL; some coarse GRAVEL; some coarse SAND; trace SILT, [DRY]	0	0	MC	0	N/A	*0-8 in concrete slab 0.5 ft Refusal at bedrock, end of boring
	1					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					

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LOG OF BORING LSB-4 **SHEET** 1 **OF** 1

PROJECT 525 W. 52 Street	PROJECT NO. 100396701
LOCATION 525 W. 52 Street	ELEVATION AND DATUM N/A
DRILLING AGENCY PAL	DATE STARTED 1/7/2014 DATE FINISHED 1/7/2014
DRILLING EQUIPMENT Geoprobe 7822 DT	COMPLETION DEPTH 3 ft ROCK DEPTH N/A
SIZE AND TYPE OF BIT N/A	NO. SAMPLES DIST. N/A UNDIST. 1 CORE N/A
CASING N/A	WATER LEVEL FIRST 1 ft COMPL. N/A 24 HR. N/A
CASING HAMMER WEIGHT N/A DROP N/A	FOREMAN Jeremy Bravo
SAMPLER 5' X 1.5" macrocore	INSPECTOR Claire Zaccheo
SAMPLER HAMMER WEIGHT N/A DROP N/A	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: PID Factor	SAMPLES: TYPE	SAMPLES: RECOV. FT.	SAMPLES: PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
0-2 ft: dark grey FILL; coarse GRAVEL; trace SILT; [MOIST]	1	0	U	3.0 ft	N/A	*0-8 in concrete slab
2-3 ft: Weathered BEDROCK; trace medium grain SAND	2	0				▽
	3	0				3.0 ft - Refusal at bedrock; end of boring
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					

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LOG OF BORING LSB-5 SHEET 1 OF 1

PROJECT 525 W. 52 Street	PROJECT NO. 100396701
LOCATION 525 W. 52 Street	ELEVATION AND DATUM N/A
DRILLING AGENCY PAL	DATE STARTED 1/7/2014 — DATE FINISHED 1/7/2014
DRILLING EQUIPMENT Geoprobe 7822 DT	COMPLETION DEPTH 1.5 ft — ROCK DEPTH N/A
SIZE AND TYPE OF BIT N/A	NO. SAMPLES DIST N/A UNDIST. 1 CORE N/A
CASING N/A	WATER LEVEL FIRST 1 ft COMP N/A 24 HR. N/A
CASING HAMMER WEIGHT N/A DROP N/A	FOREMAN Jeremy Bravo
SAMPLER 5' X 1.5" macrocore	INSPECTOR Claire Zaccheo
SAMPLER HAMMER WEIGHT N/A DROP N/A	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: NUMBER / TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
0-0.5 ft: light to dark brown FILL; some medium to coarse grain SAND; trace SILT, [MOIST]	1	0 / MC	1.5 ft	N/A	+0-8in concrete slab
0.5-1.5 ft: weathered bedrock					1.5 ft: Refusal at bedrock; End of boring
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				

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LOG OF BORING LSB-6A SHEET 1 OF 1

PROJECT 525 W 52 STREET	PROJECT NO. 100396701
LOCATION 525 W. 52 STREET	ELEVATION AND DATUM N/A
DRILLING AGENCY PAL	DATE STARTED 1/7/2014 — DATE FINISHED 1/7/2014
DRILLING EQUIPMENT Geoprobe 7822 DT	COMPLETION DEPTH 0.2 in — ROCK DEPTH N/A
SIZE AND TYPE OF BIT N/A	NO. SAMPLES DIST. N/A UNDIST. 0 CORE N/A
CASING N/A	WATER LEVEL FIRST N/A COMPL. N/A 24 HR N/A
CASING HAMMER WEIGHT N/A DROP N/A	FOREMAN Jeremy Bravo
SAMPLER 5' X 1.5" macrocore	INSPECTOR Claire Zaccheo
SAMPLER HAMMER WEIGHT N/A DROP N/A	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: NO. & TYPE	TYPE	RECOV. FT	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
0-2in weathered bedrock	1	0	MC	0	N/A	*0-8in concrete slab *Refusal at 2in, boring LSB-6 was complete*
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					

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LOG OF BORING LSB-6B/MW-4 **SHEET** 1 **OF** 1

PROJECT: 525 W52 Street	PROJECT NO.: 100396701
LOCATION: 525 W52 Street	ELEVATION AND DATUM: N/A
DRILLING AGENCY: PAL	DATE STARTED: 01/07/14 — DATE FINISHED: 01/07/14
DRILLING EQUIPMENT: GEOPROBE 7822 DT	COMPLETION DEPTH: 2 ft — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. N/A, UNDIST. 1, CORE N/A
CASING: N/A	WATER LEVEL: FIRST 1 ft, COMPL. N/A, 24 HR. N/A
CASING HAMMER: WEIGHT N/A, DROP N/A	FOREMAN: Jeremy Bravo
SAMPLER: 5' x 1.5" MACROCORE	INSPECTOR: Claire Zaccheo
SAMPLER HAMMER: WEIGHT N/A, DROP N/A	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: PID (ppm), TYPE, RECOV. FT., PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
0-1 ft Reddish brown to dark grey FILL; some GRAVEL & COAL FRAGMENTS trace weathered bedrock [MOIST @ 1 ft]	0	0	* 0-8 in: concrete slab
1-2 ft: Weathered bedrock [DRY]	1	0, MC, 2 ft, NA	
	2	0	2.0 ft: Refusal at bedrock, end of boring
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		

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LOG OF BORING LSB-7 **SHEET** 1 **OF** 1

PROJECT: 525 W. 52 Street	PROJECT NO.: 100396701
LOCATION: 525 W. 52 Street	ELEVATION AND DATUM: N/A
DRILLING AGENCY: PAL	DATE STARTED: 1/7/2014 — DATE FINISHED: 1/7/2014
DRILLING EQUIPMENT: Geoprobe 7822 DT	COMPLETION DEPTH: 1.25 ft — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. N/A, UNDIST. 1, CORE N/A
CASING: N/A	WATER LEVEL: FIRST ~~N/A~~ 1 ft, COMP. N/A, 24 HR. N/A
CASING HAMMER: WEIGHT N/A, DROP N/A	FOREMAN: Jeremy Bravo
SAMPLER: 5' x 1.5" MACROCORE	INSPECTOR: Claire Zaccheo
SAMPLER HAMMER: WEIGHT N/A, DROP N/A	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: ~~PID~~ NQ/HQ	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
0-1 ft dark grey/brown FILL, some medium to coarse grain SAND, [MOIST] 1-1.25 ft Weathered bedrock	1	0 0 0	NC	1.25 ft	N/A	▸ 0-8 in concrete slab ▽ 1.25 ft: Refusal at bedrock End of boring
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					

SUMMA CANISTER SAMPLING FIELD DATA SHEET

Site: 525 West 52nd Street

Samplers: CZ & LD

Date: 01/09/2014

Sample #	017	018	019	015	016
Location	LSV-1	LSV-5	LSV-3	LSV-2	Ambient 1
Summa Canister ID	26	Y-72	Y61	Y76	Y50
Flow Controller ID	Y18	T-1	Y12	T6	Y-5
Sample Depth (b.g.s.)	6 inches	6 inches	6 inches	2 inches	N/A
Additional Tubing Added	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much
Purge Time (Start)	315	206	1013	1230	—
Purge Time (Stop)	317	208	1014	1231	—
Total Purge Time (min)	2	2	1	1	—
Purge Volume	Tedlar bag	Tedlar bag	Tedlar bag	Tedlar bag	—
PID Test of Purge Air	744 ppb	213 ppb	184 ppb	202 PPb	—
Initial Tracer Gas Results in sampling line	0 PPM	0 PPM	2.1 %	1860 PPM	—
Initial Tracer Gas Results in shroud	85.5 %	92.3 %	93.3 %,	93.4 %,	—
Pressure Gauge - before sampling	-25	-30	-29.5	-28	< -30
Sample Time (Start)	1518	1416	1024	1240	816
Sample Time (Stop)	1700	1616	1236	1445	1700
Total Sample Time (min)	102	120	132	125	8.75 hrs
Pressure Gauge - after sampling	-5	-5	-5.5	-5.0	0
Sample Volume	6L	6L	6L	6L	6L
Canister Pressure Went to Ambient Pressure?	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	(YES) / NO
Final Tracer Gas Results in sampling line	0	0	0	0	
Final Tracer Gas Results in shroud					
Associated Ambient Air Sample Number	Ambient 1				
Weather 24 hours before and during sampling	DRY, below freezing				
General Comments					

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SUMMA CANISTER SAMPLING FIELD DATA SHEET

Site: 525 West 52nd Street

Samplers: OZ & LD

Date: 01/09/2014

Sample #	012	013			
Location	LSV-4	DUP-3			
Summa Canister ID	Y52	Y56			
Flow Controller ID	T-2	Y22			
Sample Depth (b.g.s.)	5 inches	5 inches			
Additional Tubing Added	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much
Purge Time (Start)	916	916			
Purge Time (Stop)	917	917			
Total Purge Time (min)	1	1			
Purge Volume	1Tedlar bag	1Tedlar bag			
PID Test of Purge Air	213 ppb	213 ppb			
Initial Tracer Gas Results in sampling line	50ppm	50ppm			
Initial Tracer Gas Results in shroud	95.6%	95.6%			
Pressure Gauge - before sampling	<-30	-29			
Sample Time (Start)	1003	1004			
Sample Time (Stop)	1208	1208			
Total Sample Time (min)	125	124			
Pressure Gauge - after sampling	-4.5	-1.5			
Sample Volume	6L	6L			
Canister Pressure Went to Ambient Pressure?	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Final Tracer Gas Results in sampling line					
Final Tracer Gas Results in shroud					
Associated Ambient Air Sample Number	Ambient-1				
Weather 24 hours before and during sampling	dry, below freezing				
General Comments					

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SUMMA CANISTER SAMPLING FIELD DATA SHEET

Site: 525 W 52ND ST

Samplers: KEN LuKAS

Date: 10/10/14

Sample #	019	020	021		
Location	LSV-3	LSV-7	LSV-6		
Summa Canister ID	16676	16954	516		
Flow Controller ID	T19	T1	T13		
Sample Depth (b.g.s.)	9'	9'	9'		
Additional Tubing Added	(NO) YES - How much	(NO) YES - How much	(NO) YES - How much 6"	NO/ YES - How much	NO/ YES - How much
Purge Time (Start)	1010	1030	1040		
Purge Time (Stop)	1015	1035	1045		
Total Purge Time (min)	5min	5min.	5min		
Purge Volume	1L	1L	1L		
PID Test of Purge Air	454 PPB	0.0 PPB	0 PPB		
Initial Tracer Gas Results in sampling line	0 %	0 %	0%		
Initial Tracer Gas Results in shroud	90 %	90 %	90%		
Pressure Gauge - before sampling	-29	-29	<-30		
Sample Time (Start)	1020	1037	1050		
Sample Time (Stop)	1220	1237	1250		
Total Sample Time (min)	120	120	120		
Pressure Gauge - after sampling	-4.5	-5.0	-5.0		
Sample Volume	6L	6L	6L		
Canister Pressure Went to Ambient Pressure?	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Final Tracer Gas Results in sampling line	0 %	0%	0 %		
Final Tracer Gas Results in shroud	82 %	84%	81%		
Associated Ambient Air Sample Number	NA	NA	NA		
Weather 24 hours before and during sampling					
General Comments					

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LOG OF BORING LSB-8 SHEET 1 OF 1

PROJECT 525 W 52ND	PROJECT NO. 100400601
LOCATION MANHATTAN NY	ELEVATION AND DATUM ~33.5
DRILLING AGENCY PAL	DATE STARTED 10-9-14 / DATE FINISHED 10-9-14
DRILLING EQUIPMENT 7822 DT GEOPROBE	COMPLETION DEPTH 9 / ROCK DEPTH 9'
SIZE AND TYPE OF BIT 2" STAINLESS STEEL	LOCATION NA
CASING —	NO. SAMPLES — / DIST. — / UNDIST. 2 / CORE —
CASING HAMMER — WEIGHT — DROP —	WATER LEVEL / FIRST — / COMPL. — / 24 HR —
SAMPLER 5' ACETATE LINER (2")	FOREMAN JEREMY BRAVO
SAMPLER HAMMER — WEIGHT — DROP —	LANGAN REP. KENLUKAS

MATERIAL SYMBOL	NYCBC CLASS	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BLOWS/6 IN.	PID PPM	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
		0-6" f-c Brown SAND trace mica Schist (loose) (dry)	1	S1	DIRECT PUSH	3.5	0.0		START BORING @
		6-12" Pulverized rock some Brown f-c SAND (loose) (dry)	2				0.6		SAMPLE LSB-8A@ VOCs 1.5-2 SVOCs 0-2
		12-30" black AND brown f-c SAND trace f. gravel trace MICA schist (Loose) (dry)	3				0.0		PARENT OF DUP-1
		30-36" Pulverized brick	4				0.0		
		36-42" Pulverized weathered rock	5				0.0		
		0-6" Pulverized rock	6	S2	direct push	1.5	0.0		SAMPLE LSB-8B 7-9' VOC SVOC
		6-10" Pulverized brick	7				0.0		BOTTOM OF BORING
		10-18" Pulverized weathered rock	8				0.0		
			9				0.0		REFUSAL @ 9'
			10						
			11						
			12						
			13						
			14						

LANGAN

LOG OF BORING LSB-9 SHEET 1 OF 1

PROJECT 525 WEST 52 ST	PROJECT NO. 100400601
LOCATION MANHATTAN, NY	ELEVATION AND DATUM ~32.0
DRILLING AGENCY PAL	DATE STARTED 10-9-14 / DATE FINISHED 10-9-14
DRILLING EQUIPMENT 7822 DT	COMPLETION DEPTH 9' / ROCK DEPTH 9'
SIZE AND TYPE OF BIT 3" STAINLESS STEEL	LOCATION NA
CASING —	NO. SAMPLES — / DIST. — / UNDIST. 2 / CORE —
CASING HAMMER — WEIGHT — DROP —	WATER LEVEL NM / FIRST — / COMPL. — / 24 HR —
SAMPLER 5' ACETATE MACRO CORE	FOREMAN JEREMY BRAVO
SAMPLER HAMMER WEIGHT — DROP —	LANGAN REP. KEN LUKAS

MATERIAL SYMBOL	NYCBC CLASS	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 IN.	PID PPM	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
		0-4" Brown F-C SAND trace mica schist	1				0.0		START BORING @ 0815
		4-16" gray-black F-C AND trace mica schist trace F. gravel (Loose) (dry) [FILL]	2				0.0		0-2' LSB-9 SAMPLE SVOCS + VOCS (0.5-1.0)
				SV	Direct Push	2.0	0.0		
		16-18" Pulverized bedrock White F-C	3				0.6		
							0.0		
		18-24" Pulverized brick [FILL]	4				0.0		
							0.0		
		0-3" SAME as 0-10" ABOVE	5				0.0		
							0.0		
		9-12" ~~Pul~~ Weathered bedrock	6				0.0		
				SZ	Direct Push	1.0	0.0		SECOND SAMPLE 7-9' BOTTOM OF BORING SVOC's + VOC's
			7				0.6		
			8				0.0		
			9				0.0		REFUSAL @ 9' @ 0825
			10						
			11						
			12						
			13						
			14						

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LOG OF BORING LSB-10 **SHEET** 1 **OF** 1

PROJECT: 525 W 52ND ST	PROJECT NO.: 100400601
LOCATION: MANHATTAN NY	ELEVATION AND DATUM: ~32.0
DRILLING AGENCY: PAL	DATE STARTED: 9-14 — DATE FINISHED: 10-9-14
DRILLING EQUIPMENT: 7822 DT GEOPROBE	COMPLETION DEPTH: 9 — ROCK DEPTH: 9
SIZE AND TYPE OF BIT: 2" STAINLESS STEEL	LOCATION: NA
CASING: —	NO. SAMPLES: — — DIST.: — — UNDIST.: 2 — CORE: —
CASING HAMMER — WEIGHT — DROP —	WATER LEVEL: — — FIRST: — — COMPL.: — — 24 HR: —
SAMPLER: 5'x2" ACETATE LINER	FOREMAN: JEREMY BRAVO
SAMPLER HAMMER — WEIGHT — DROP —	LANGAN REP.: KEN LUKAS

MATERIAL SYMBOL	NYCBC CLASS	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 IN.	PID PPM	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
		0-14" F-m SAND trace mica schist + trace F. gravel (Loose)(dry)	1	S1	Direct Push	3.0	0.0		START BORING @ SAMPLE LSB-10A 0-2' SVOC + VOC (0-.5)
			2				0.0		
							0.0		
		14-32" Black F-C SAND trace mica schist, F. Gravel (Loose)(dry)	3				0.0		
							0.0		
							0.0		SAMPLE LSB-10B 3'-5' - BLACK STAINING
		32"-36" Pulverized Brick [FILL]	4				0.0		
							0.0		
			5				0.0		
		0-12" Pulverized weathered rock	6	S2	Direct Push	1.0	0.0		
							0.0		
			7				0.0		
							0.0		
			8				0.0		
							0.0		
			9				0.0		REFUSAL @ 9'
			10						
			11						
			12						
			13						
			14						

APPENDIX D

LABORATORY ANALYTICAL PACKAGES

LANGAN

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Christopher McMahon

Report Date: 01/14/2014
Client Project ID: 525 W 52nd St
York Project (SDG) No.: 14A0168

Report Date: 01/14/2014
Client Project ID: 525 W 52nd St
York Project (SDG) No.: 14A0168

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Christopher McMahon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 08, 2014 and listed below. The project was identified as your project: **525 W 52nd St**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14A0168-01	LSB-1/001	Soil	01/07/2014	01/08/2014
14A0168-02	LSB-2/002	Soil	01/07/2014	01/08/2014
14A0168-03	LSB-3/003	Soil	01/07/2014	01/08/2014
14A0168-04	LSB-4/004	Soil	01/07/2014	01/08/2014
14A0168-05	LSB-5/005	Soil	01/07/2014	01/08/2014
14A0168-06	LSB-6/006	Soil	01/07/2014	01/08/2014
14A0168-07	LSB-7/007	Soil	01/07/2014	01/08/2014
14A0168-08	FB-1/008	Water	01/07/2014	01/08/2014
14A0168-09	DUP (LSB-2DUP)/009	Soil	01/07/2014	01/08/2014

General Notes for York Project (SDG) No.: 14A0168

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 01/14/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **LSB-1/001** **York Sample ID:** **14A0168-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 2:00 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**0.0091**	CCV-E, J	mg/kg dry	0.0029	0.012	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS

Sample Information

Client Sample ID: **LSB-1/001** **York Sample ID:** **14A0168-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 2:00 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	**0.0032**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:12	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*72-138*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.6 %*	*72-137*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-118*

Sample Information

Client Sample ID: LSB-1/001 **York Sample ID:** 14A0168-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 2:00 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**30.0**		mg/kg dry	3.41	13.5	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:45	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
120-12-7	Anthracene	**43.7**		mg/kg dry	3.41	13.5	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:45	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
56-55-3	Benzo(a)anthracene	**52.7**		mg/kg dry	3.41	13.5	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:45	SR
50-32-8	Benzo(a)pyrene	**51.2**		mg/kg dry	3.41	13.5	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:45	SR
205-99-2	Benzo(b)fluoranthene	**41.1**		mg/kg dry	3.41	13.5	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:45	SR
191-24-2	Benzo(g,h,i)perylene	**9.60**		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
207-08-9	Benzo(k)fluoranthene	**49.2**		mg/kg dry	3.41	13.5	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:45	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
92-52-4	1,1'-Biphenyl	**1.66**	J	mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
86-74-8	Carbazole	**23.8**		mg/kg dry	3.41	13.5	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:45	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
218-01-9	Chrysene	**47.4**		mg/kg dry	3.41	13.5	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:45	SR
53-70-3	Dibenzo(a,h)anthracene	**6.89**		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
132-64-9	Dibenzofuran	**17.6**		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	2.71	5.40	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR

Sample Information

Client Sample ID: LSB-1/001 **York Sample ID:** 14A0168-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 2:00 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	2.71	5.41	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
206-44-0	Fluoranthene	**139**		mg/kg dry	6.81	27.0	100	EPA 8270D	01/09/2014 16:00	01/13/2014 10:23	SR
86-73-7	Fluorene	**22.1**		mg/kg dry	3.41	13.5	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:45	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**12.9**		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
78-59-1	Isophorone	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
91-57-6	2-Methylnaphthalene	**8.00**		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
91-20-3	Naphthalene	**29.7**		mg/kg dry	6.81	27.0	100	EPA 8270D	01/09/2014 16:00	01/13/2014 10:23	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
85-01-8	Phenanthrene	**167**		mg/kg dry	6.81	27.0	100	EPA 8270D	01/09/2014 16:00	01/13/2014 10:23	SR
108-95-2	Phenol	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
129-00-0	Pyrene	**124**		mg/kg dry	6.81	27.0	100	EPA 8270D	01/09/2014 16:00	01/13/2014 10:23	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	1.36	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR

Sample Information

Client Sample ID: LSB-1/001 **York Sample ID:** 14A0168-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 2:00 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.681	2.70	10	EPA 8270D	01/09/2014 16:00	01/10/2014 13:31	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*%*	S-06	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*39.9 %*		*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.8 %*		*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.6 %*		*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*%*	S-06	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*%*	S-06	*10-147*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.0903	0.0903	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
72-43-5	Methoxychlor	ND		mg/kg dry	0.00892	0.00892	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
72-20-8	Endrin	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
57-74-9	Chlordane, total	ND		mg/kg dry	0.00714	0.00714	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
309-00-2	Aldrin	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW

Sample Information

Client Sample ID: LSB-1/001 **York Sample ID:** 14A0168-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 2:00 pm	01/08/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:44	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:28	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:28	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:28	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:28	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:28	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:28	JW
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	0.0184	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:28	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00736	0.0184	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:28	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.8 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**7120**		mg/kg dry	1.08	1.08	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-36-0	Antimony	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-38-2	Arsenic	**5.30**		mg/kg dry	1.08	1.08	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-39-3	Barium	**75.7**		mg/kg dry	1.08	1.08	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.325	0.325	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-70-2	Calcium	**36100**		mg/kg dry	0.541	5.41	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-47-3	Chromium	**8.24**		mg/kg dry	0.541	0.541	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-48-4	Cobalt	**3.07**		mg/kg dry	0.541	0.541	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-50-8	Copper	**12.4**		mg/kg dry	0.541	0.541	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7439-89-6	Iron	**13500**		mg/kg dry	2.16	2.16	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7439-92-1	Lead	**314**		mg/kg dry	0.325	0.325	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7439-95-4	Magnesium	**2720**		mg/kg dry	5.41	5.41	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7439-96-5	Manganese	**187**		mg/kg dry	0.541	0.541	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-02-0	Nickel	**5.95**		mg/kg dry	0.541	0.541	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-09-7	Potassium	**733**		mg/kg dry	5.41	5.41	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7782-49-2	Selenium	**1.69**		mg/kg dry	1.08	1.08	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW

Sample Information

Client Sample ID: LSB-1/001 **York Sample ID:** 14A0168-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 2:00 pm	01/08/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-23-5	Sodium	**888**		mg/kg dry	10.8	10.8	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-62-2	Vanadium	**9.96**		mg/kg dry	1.08	1.08	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW
7440-66-6	Zinc	**35.9**		mg/kg dry	1.08	1.08	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:41	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.0569**		mg/kg dry	0.000865	0.000865	1	EPA 7473	01/09/2014 07:38	01/09/2014 14:10	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**92.4**		%	0.100	0.100	1	SM 2540G	01/09/2014 09:38	01/09/2014 13:47	ALD

Sample Information

Client Sample ID: **LSB-2/002** **York Sample ID:** **14A0168-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:08 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**0.0085**	CCV-E, J	mg/kg dry	0.0029	0.012	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS

Sample Information

Client Sample ID: LSB-2/002 **York Sample ID:** 14A0168-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:08 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	**0.0096**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
108-88-3	Toluene	**0.0038**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
179601-23-1	p- & m- Xylenes	**0.0061**	J	mg/kg dry	0.0058	0.012	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS
1330-20-7	Xylenes, Total	**0.0088**	J	mg/kg dry	0.0086	0.017	1	EPA 8260C	01/09/2014 13:53	01/09/2014 14:48	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*115 %*	*72-138*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.0 %*	*72-137*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-118*

Sample Information

Client Sample ID: LSB-2/002 **York Sample ID:** 14A0168-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:08 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**44.7**	J	mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
120-12-7	Anthracene	**67.5**		mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
56-55-3	Benzo(a)anthracene	**87.3**		mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
50-32-8	Benzo(a)pyrene	**83.9**		mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
205-99-2	Benzo(b)fluoranthene	**62.5**	J	mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
191-24-2	Benzo(g,h,i)perylene	**13.1**		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
207-08-9	Benzo(k)fluoranthene	**70.4**		mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
86-74-8	Carbazole	**39.4**	J	mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
218-01-9	Chrysene	**84.8**		mg/kg dry	4.08	16.2	50	EPA 8270D	01/09/2014 16:00	01/10/2014 20:15	SR
53-70-3	Dibenzo(a,h)anthracene	**9.90**		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
132-64-9	Dibenzofuran	**27.1**		mg/kg dry	4.08	16.2	50	EPA 8270D	01/09/2014 16:00	01/10/2014 20:15	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	3.24	6.47	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR

Sample Information

Client Sample ID: LSB-2/002 **York Sample ID:** 14A0168-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:08 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	3.24	6.47	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
206-44-0	Fluoranthene	**223**		mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
86-73-7	Fluorene	**32.0**		mg/kg dry	4.08	16.2	50	EPA 8270D	01/09/2014 16:00	01/10/2014 20:15	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**18.9**		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
78-59-1	Isophorone	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
91-57-6	2-Methylnaphthalene	**12.3**		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
91-20-3	Naphthalene	**45.6**		mg/kg dry	4.08	16.2	50	EPA 8270D	01/09/2014 16:00	01/10/2014 20:15	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
85-01-8	Phenanthrene	**245**		mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
108-95-2	Phenol	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
129-00-0	Pyrene	**205**		mg/kg dry	16.3	64.7	200	EPA 8270D	01/09/2014 16:00	01/13/2014 10:54	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	1.63	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR

Sample Information

Client Sample ID: LSB-2/002 **York Sample ID:** 14A0168-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:08 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.816	3.24	10	EPA 8270D	01/09/2014 16:00	01/10/2014 14:02	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*%*	S-06	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*31.3 %*		*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*64.3 %*		*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*59.4 %*		*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*%*	S-06	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*%*	S-06	*10-147*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.0876	0.0876	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
72-43-5	Methoxychlor	ND		mg/kg dry	0.00865	0.00865	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
72-20-8	Endrin	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
57-74-9	Chlordane, total	ND		mg/kg dry	0.00692	0.00692	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
309-00-2	Aldrin	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW

Sample Information

Client Sample ID: LSB-2/002 **York Sample ID:** 14A0168-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:08 pm	01/08/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	0.00173	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 11:59	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	0.0178	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:57	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	0.0178	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:57	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	0.0178	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:57	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	0.0178	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:57	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	0.0178	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:57	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	0.0178	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:57	JW
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	0.0178	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:57	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00713	0.0178	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 10:57	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.7 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**4020**		mg/kg dry	1.05	1.05	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-36-0	Antimony	ND		mg/kg dry	0.524	0.524	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-38-2	Arsenic	**1.77**		mg/kg dry	1.05	1.05	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-39-3	Barium	**60.0**		mg/kg dry	1.05	1.05	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.315	0.315	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-70-2	Calcium	**30400**		mg/kg dry	0.524	5.24	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-47-3	Chromium	**7.01**		mg/kg dry	0.524	0.524	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-48-4	Cobalt	**2.66**		mg/kg dry	0.524	0.524	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-50-8	Copper	**7.86**		mg/kg dry	0.524	0.524	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7439-89-6	Iron	**6950**		mg/kg dry	2.10	2.10	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7439-92-1	Lead	**289**		mg/kg dry	0.315	0.315	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7439-95-4	Magnesium	**2100**		mg/kg dry	5.24	5.24	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7439-96-5	Manganese	**127**		mg/kg dry	0.524	0.524	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-02-0	Nickel	**5.84**		mg/kg dry	0.524	0.524	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-09-7	Potassium	**894**		mg/kg dry	5.24	5.24	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7782-49-2	Selenium	**1.27**		mg/kg dry	1.05	1.05	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW

Sample Information

Client Sample ID: LSB-2/002 **York Sample ID:** 14A0168-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:08 pm	01/08/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.524	0.524	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-23-5	Sodium	**274**		mg/kg dry	10.5	10.5	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-62-2	Vanadium	**7.05**		mg/kg dry	1.05	1.05	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW
7440-66-6	Zinc	**32.2**		mg/kg dry	1.05	1.05	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:46	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.0640**		mg/kg dry	0.000839	0.000839	1	EPA 7473	01/09/2014 07:38	01/09/2014 14:19	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**95.4**		%	0.100	0.100	1	SM 2540G	01/09/2014 09:38	01/09/2014 13:47	ALD

Sample Information

Client Sample ID: **LSB-3/003** **York Sample ID:** **14A0168-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 9:38 am	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**0.011**	CCV-E, J	mg/kg dry	0.0028	0.011	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS

Sample Information

Client Sample ID: LSB-3/003 **York Sample ID:** 14A0168-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 9:38 am	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:23	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*72-138*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.4 %*	*72-137*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*85-118*

Sample Information

Client Sample ID: LSB-3/003 **York Sample ID:** 14A0168-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 9:38 am	01/08/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**93.4**		%	0.100	0.100	1	SM 2540G	01/09/2014 09:38	01/09/2014 13:47	ALD

Sample Information

Client Sample ID: **LSB-4/004** **York Sample ID:** **14A0168-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 10:24 am	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**0.0068**	CCV-E, J	mg/kg dry	0.0029	0.012	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS

Sample Information

Client Sample ID: **LSB-4/004** **York Sample ID:** **14A0168-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 10:24 am	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	01/09/2014 13:53	01/09/2014 15:59	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*72-138*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.0 %*	*72-137*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*85-118*

Sample Information

Client Sample ID: LSB-4/004 **York Sample ID:** 14A0168-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 10:24 am	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**1.13**	J	mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
120-12-7	Anthracene	**1.67**		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
56-55-3	Benzo(a)anthracene	**3.26**		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
50-32-8	Benzo(a)pyrene	**4.01**		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
205-99-2	Benzo(b)fluoranthene	**2.94**		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
191-24-2	Benzo(g,h,i)perylene	**1.33**	J	mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
207-08-9	Benzo(k)fluoranthene	**3.16**		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
86-74-8	Carbazole	**0.443**	J	mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
218-01-9	Chrysene	**3.38**		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
132-64-9	Dibenzofuran	**0.384**	J	mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	1.48	2.95	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR

Sample Information

Client Sample ID: LSB-4/004 **York Sample ID:** 14A0168-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 10:24 am	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.48	2.95	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
117-84-0	Di-n-octyl phthalate	**0.449**	J	mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**0.413**	J	mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
206-44-0	Fluoranthene	**7.80**		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
86-73-7	Fluorene	**0.664**	J	mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**1.42**	J	mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
78-59-1	Isophorone	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
91-57-6	2-Methylnaphthalene	**0.655**	J	mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
91-20-3	Naphthalene	**0.581**	J	mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
85-01-8	Phenanthrene	**7.60**		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
108-95-2	Phenol	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
129-00-0	Pyrene	**7.60**		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR

Sample Information

Client Sample ID: LSB-4/004 **York Sample ID:** 14A0168-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 10:24 am	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.744	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.372	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 14:33	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*33.1 %*		*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*51.3 %*		*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*73.0 %*		*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.3 %*		*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*6.26 %*	S-06	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*67.1 %*		*10-147*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.0986	0.0986	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
72-43-5	Methoxychlor	ND		mg/kg dry	0.00974	0.00974	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
72-20-8	Endrin	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
57-74-9	Chlordane, total	ND		mg/kg dry	0.00779	0.00779	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
309-00-2	Aldrin	ND		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
50-29-3	4,4'-DDT	**0.00811**		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW

Sample Information

Client Sample ID: LSB-4/004 **York Sample ID:** 14A0168-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 10:24 am	01/08/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	**0.0213**		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
72-54-8	4,4'-DDD	**0.00225**		mg/kg dry	0.00195	0.00195	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:14	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	0.0201	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:27	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	0.0201	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:27	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	0.0201	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:27	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	0.0201	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:27	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	0.0201	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:27	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	0.0201	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:27	JW
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	0.0201	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:27	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00803	0.0201	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:27	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**5240**		mg/kg dry	1.18	1.18	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-36-0	Antimony	**0.898**		mg/kg dry	0.590	0.590	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-38-2	Arsenic	**3.06**		mg/kg dry	1.18	1.18	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-39-3	Barium	**97.4**		mg/kg dry	1.18	1.18	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-43-9	Cadmium	**0.415**		mg/kg dry	0.354	0.354	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-70-2	Calcium	**43700**		mg/kg dry	0.590	5.90	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-47-3	Chromium	**61.2**		mg/kg dry	0.590	0.590	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-48-4	Cobalt	**3.45**		mg/kg dry	0.590	0.590	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-50-8	Copper	**16.9**		mg/kg dry	0.590	0.590	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7439-89-6	Iron	**12700**		mg/kg dry	2.36	2.36	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7439-92-1	Lead	**193**		mg/kg dry	0.354	0.354	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7439-95-4	Magnesium	**8160**		mg/kg dry	5.90	5.90	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7439-96-5	Manganese	**159**		mg/kg dry	0.590	0.590	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-02-0	Nickel	**11.3**		mg/kg dry	0.590	0.590	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-09-7	Potassium	**1300**		mg/kg dry	5.90	5.90	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7782-49-2	Selenium	**2.55**		mg/kg dry	1.18	1.18	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW

Sample Information

Client Sample ID: LSB-4/004 **York Sample ID:** 14A0168-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 10:24 am	01/08/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.590	0.590	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-23-5	Sodium	**232**		mg/kg dry	11.8	11.8	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-62-2	Vanadium	**9.41**		mg/kg dry	1.18	1.18	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW
7440-66-6	Zinc	**78.6**		mg/kg dry	1.18	1.18	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:51	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.166**		mg/kg dry	0.000944	0.000944	1	EPA 7473	01/09/2014 07:38	01/09/2014 14:28	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**84.7**		%	0.100	0.100	1	SM 2540G	01/09/2014 09:38	01/09/2014 13:47	ALD

Sample Information

Client Sample ID: **LSB-5/005** **York Sample ID:** **14A0168-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:35 am	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**0.016**	CCV-E	mg/kg dry	0.0034	0.014	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.069	0.14	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
100-41-4	Ethyl Benzene	**0.0070**		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS

Sample Information

Client Sample ID: **LSB-5/005** **York Sample ID:** **14A0168-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:35 am	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
108-87-2	Methylcyclohexane	**0.0042**	J	mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0034	0.014	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
108-88-3	Toluene	**0.0050**	J	mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
95-47-6	o-Xylene	**0.015**		mg/kg dry	0.0034	0.0069	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
179601-23-1	p- & m- Xylenes	**0.022**		mg/kg dry	0.0069	0.014	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS
1330-20-7	Xylenes, Total	**0.037**		mg/kg dry	0.010	0.021	1	EPA 8260C	01/09/2014 13:53	01/09/2014 16:35	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*72-138*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.5 %*	*72-137*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-118*

Sample Information

Client Sample ID: LSB-5/005 **York Sample ID:** 14A0168-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:35 am	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**13.2**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
120-12-7	Anthracene	**21.2**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
56-55-3	Benzo(a)anthracene	**30.2**		mg/kg dry	3.85	15.3	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:14	SR
50-32-8	Benzo(a)pyrene	**34.2**		mg/kg dry	3.85	15.3	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:14	SR
205-99-2	Benzo(b)fluoranthene	**18.7**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
191-24-2	Benzo(g,h,i)perylene	**7.56**		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
207-08-9	Benzo(k)fluoranthene	**23.0**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
92-52-4	1,1'-Biphenyl	**1.38**	J	mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
86-74-8	Carbazole	**6.23**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
218-01-9	Chrysene	**29.0**		mg/kg dry	3.85	15.3	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:14	SR
53-70-3	Dibenzo(a,h)anthracene	**4.88**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
132-64-9	Dibenzofuran	**4.19**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	3.06	6.10	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR

Sample Information

Client Sample ID: LSB-5/005 **York Sample ID:** 14A0168-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:35 am	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	3.06	6.11	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
206-44-0	Fluoranthene	**69.0**		mg/kg dry	3.85	15.3	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:14	SR
86-73-7	Fluorene	**8.32**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**9.08**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
78-59-1	Isophorone	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
91-57-6	2-Methylnaphthalene	**10.7**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
91-20-3	Naphthalene	**11.6**		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
85-01-8	Phenanthrene	**77.6**		mg/kg dry	3.85	15.3	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:14	SR
108-95-2	Phenol	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
129-00-0	Pyrene	**76.9**		mg/kg dry	3.85	15.3	50	EPA 8270D	01/09/2014 16:00	01/10/2014 19:14	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	1.54	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR

Sample Information

Client Sample ID: LSB-5/005 **York Sample ID:** 14A0168-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:35 am	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.769	3.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 15:03	SR
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*16.0 %*		*10-109*							
4165-62-2	*Surrogate: Phenol-d5*	*51.0 %*		*10-124*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*66.5 %*		*10-148*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.6 %*		*10-111*							
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*%*	S-06	*10-142*							
1718-51-0	*Surrogate: Terphenyl-d14*	*53.7 %*		*10-147*							

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.102	0.102	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
72-43-5	Methoxychlor	ND		mg/kg dry	0.0101	0.0101	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
76-44-8	Heptachlor	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
72-20-8	Endrin	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
959-98-8	Endosulfan I	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
60-57-1	Dieldrin	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
319-86-8	delta-BHC	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
57-74-9	Chlordane, total	ND		mg/kg dry	0.00806	0.00806	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
319-85-7	beta-BHC	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
319-84-6	alpha-BHC	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
309-00-2	Aldrin	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW

Sample Information

Client Sample ID: LSB-5/005 **York Sample ID:** 14A0168-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:35 am	01/08/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00201	0.00201	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:29	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0208	0.0208	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:56	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0208	0.0208	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:56	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0208	0.0208	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:56	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0208	0.0208	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:56	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0208	0.0208	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:56	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0208	0.0208	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:56	JW
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0208	0.0208	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:56	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00830	0.0208	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 11:56	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**5810**		mg/kg dry	1.22	1.22	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-36-0	Antimony	ND		mg/kg dry	0.611	0.611	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-38-2	Arsenic	**3.25**		mg/kg dry	1.22	1.22	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-39-3	Barium	**69.3**		mg/kg dry	1.22	1.22	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.366	0.366	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-70-2	Calcium	**50300**		mg/kg dry	0.611	6.11	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-47-3	Chromium	**8.23**		mg/kg dry	0.611	0.611	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-48-4	Cobalt	**3.68**		mg/kg dry	0.611	0.611	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-50-8	Copper	**9.59**		mg/kg dry	0.611	0.611	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7439-89-6	Iron	**7070**		mg/kg dry	2.44	2.44	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7439-92-1	Lead	**32.9**		mg/kg dry	0.366	0.366	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7439-95-4	Magnesium	**3470**		mg/kg dry	6.11	6.11	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7439-96-5	Manganese	**162**		mg/kg dry	0.611	0.611	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-02-0	Nickel	**7.69**		mg/kg dry	0.611	0.611	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-09-7	Potassium	**1090**		mg/kg dry	6.11	6.11	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7782-49-2	Selenium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW

Sample Information

Client Sample ID: LSB-5/005 **York Sample ID:** 14A0168-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:35 am	01/08/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.611	0.611	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-23-5	Sodium	**365**		mg/kg dry	12.2	12.2	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-28-0	Thallium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-62-2	Vanadium	**13.9**		mg/kg dry	1.22	1.22	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW
7440-66-6	Zinc	**31.1**		mg/kg dry	1.22	1.22	1	EPA 6010C	01/09/2014 14:05	01/09/2014 18:56	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.0681**		mg/kg dry	0.000977	0.000977	1	EPA 7473	01/09/2014 07:38	01/09/2014 14:37	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**81.9**		%	0.100	0.100	1	SM 2540G	01/09/2014 09:38	01/09/2014 13:47	ALD

Sample Information

Client Sample ID: **LSB-6/006** **York Sample ID:** **14A0168-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:10 am	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**0.0049**	CCV-E, J	mg/kg dry	0.0027	0.011	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS

Sample Information

Client Sample ID: **LSB-6/006** **York Sample ID:** **14A0168-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:10 am	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:10	SS

	Surrogate Recoveries	Result		Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*		*72-138*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.3 %*		*72-137*
2037-26-5	*Surrogate: Toluene-d8*	*119 %*	S-HI	*85-118*

Sample Information

Client Sample ID: LSB-6/006 **York Sample ID:** 14A0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:10 am	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**3.01**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
120-12-7	Anthracene	**3.79**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
56-55-3	Benzo(a)anthracene	**4.76**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
50-32-8	Benzo(a)pyrene	**5.54**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
205-99-2	Benzo(b)fluoranthene	**3.97**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
191-24-2	Benzo(g,h,i)perylene	**1.47**		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
207-08-9	Benzo(k)fluoranthene	**3.60**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
92-52-4	1,1'-Biphenyl	**0.430**	J	mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
86-74-8	Carbazole	**1.37**	J	mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
218-01-9	Chrysene	**4.91**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
53-70-3	Dibenzo(a,h)anthracene	**0.433**	J	mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
132-64-9	Dibenzofuran	**1.24**	J	mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	1.44	2.87	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR

Sample Information

Client Sample ID: LSB-6/006 **York Sample ID:** 14A0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:10 am	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.44	2.87	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
206-44-0	Fluoranthene	**13.8**		mg/kg dry	0.723	2.87	10	EPA 8270D	01/09/2014 16:00	01/10/2014 20:46	SR
86-73-7	Fluorene	**1.92**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**1.72**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
78-59-1	Isophorone	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
91-57-6	2-Methylnaphthalene	**3.76**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
91-20-3	Naphthalene	**6.30**		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
85-01-8	Phenanthrene	**17.9**		mg/kg dry	0.723	2.87	10	EPA 8270D	01/09/2014 16:00	01/10/2014 20:46	SR
108-95-2	Phenol	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
129-00-0	Pyrene	**13.6**		mg/kg dry	0.723	2.87	10	EPA 8270D	01/09/2014 16:00	01/10/2014 20:46	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.723	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR

Sample Information

Client Sample ID: LSB-6/006 **York Sample ID:** 14A0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:10 am	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.361	1.43	5	EPA 8270D	01/09/2014 16:00	01/10/2014 15:34	SR
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*25.2 %*		*10-109*							
4165-62-2	*Surrogate: Phenol-d5*	*58.5 %*		*10-124*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.3 %*		*10-148*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*70.2 %*		*10-111*							
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*%*	S-06	*10-142*							
1718-51-0	*Surrogate: Terphenyl-d14*	*68.5 %*		*10-147*							

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.0958	0.0958	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
72-43-5	Methoxychlor	ND		mg/kg dry	0.00947	0.00947	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
72-20-8	Endrin	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
57-74-9	Chlordane, total	ND		mg/kg dry	0.00757	0.00757	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
309-00-2	Aldrin	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW

Sample Information

Client Sample ID: **LSB-6/006** **York Sample ID:** **14A0168-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:10 am	01/08/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 12:44	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	0.0195	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:26	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	0.0195	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:26	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	0.0195	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:26	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	0.0195	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:26	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	0.0195	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:26	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	0.0195	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:26	JW
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	0.0195	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:26	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00780	0.0195	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:26	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**6540**		mg/kg dry	1.15	1.15	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-36-0	Antimony	ND		mg/kg dry	0.574	0.574	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-38-2	Arsenic	**3.42**		mg/kg dry	1.15	1.15	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-39-3	Barium	**81.5**		mg/kg dry	1.15	1.15	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.344	0.344	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-70-2	Calcium	**28600**		mg/kg dry	0.574	5.74	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-47-3	Chromium	**15.3**		mg/kg dry	0.574	0.574	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-48-4	Cobalt	**5.13**		mg/kg dry	0.574	0.574	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-50-8	Copper	**22.5**		mg/kg dry	0.574	0.574	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7439-89-6	Iron	**12100**		mg/kg dry	2.29	2.29	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7439-92-1	Lead	**114**		mg/kg dry	0.344	0.344	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7439-95-4	Magnesium	**4130**		mg/kg dry	5.74	5.74	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7439-96-5	Manganese	**243**		mg/kg dry	0.574	0.574	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-02-0	Nickel	**14.4**		mg/kg dry	0.574	0.574	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-09-7	Potassium	**2060**		mg/kg dry	5.74	5.74	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7782-49-2	Selenium	**1.18**		mg/kg dry	1.15	1.15	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW

Sample Information

Client Sample ID: LSB-6/006 **York Sample ID:** 14A0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 11:10 am	01/08/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.574	0.574	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-23-5	Sodium	**270**		mg/kg dry	11.5	11.5	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-62-2	Vanadium	**11.1**		mg/kg dry	1.15	1.15	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW
7440-66-6	Zinc	**72.4**		mg/kg dry	1.15	1.15	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:01	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.292**		mg/kg dry	0.000918	0.000918	1	EPA 7473	01/09/2014 07:38	01/09/2014 14:46	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**87.2**		%	0.100	0.100	1	SM 2540G	01/09/2014 09:38	01/09/2014 13:47	ALD

Sample Information

Client Sample ID: LSB-7/007 **York Sample ID:** 14A0168-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 12:30 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS

Sample Information

Client Sample ID: **LSB-7/007** **York Sample ID:** **14A0168-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 12:30 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	01/09/2014 13:53	01/09/2014 17:46	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*72-138*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.9 %*	*72-137*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*85-118*

Sample Information

Client Sample ID: LSB-7/007 **York Sample ID:** 14A0168-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 12:30 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**2.12**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
120-12-7	Anthracene	**3.23**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
56-55-3	Benzo(a)anthracene	**5.37**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
50-32-8	Benzo(a)pyrene	**5.86**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
205-99-2	Benzo(b)fluoranthene	**5.08**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
191-24-2	Benzo(g,h,i)perylene	**1.85**		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
207-08-9	Benzo(k)fluoranthene	**5.72**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
86-74-8	Carbazole	**1.96**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
218-01-9	Chrysene	**5.49**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
53-70-3	Dibenzo(a,h)anthracene	**0.602**	J	mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
132-64-9	Dibenzofuran	**1.16**	J	mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	1.49	2.96	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR

Sample Information

Client Sample ID: LSB-7/007 **York Sample ID:** 14A0168-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 12:30 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.49	2.97	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
206-44-0	Fluoranthene	**7.65**		mg/kg dry	1.50	5.94	20	EPA 8270D	01/09/2014 16:00	01/13/2014 14:34	SR
86-73-7	Fluorene	**1.29**	J	mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**2.14**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
78-59-1	Isophorone	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
91-57-6	2-Methylnaphthalene	**1.99**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
91-20-3	Naphthalene	**2.27**		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
85-01-8	Phenanthrene	**8.64**		mg/kg dry	1.50	5.94	20	EPA 8270D	01/09/2014 16:00	01/13/2014 14:34	SR
108-95-2	Phenol	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
129-00-0	Pyrene	**7.42**		mg/kg dry	1.50	5.94	20	EPA 8270D	01/09/2014 16:00	01/13/2014 14:34	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.748	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR

Sample Information

Client Sample ID: LSB-7/007 **York Sample ID:** 14A0168-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 12:30 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.374	1.48	5	EPA 8270D	01/09/2014 16:00	01/10/2014 16:06	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*41.2 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*73.4 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*72.8 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.5 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*15.1 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*77.8 %*	*10-147*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.0991	0.0991	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
72-43-5	Methoxychlor	ND		mg/kg dry	0.00979	0.00979	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
72-20-8	Endrin	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
57-74-9	Chlordane, total	ND		mg/kg dry	0.00783	0.00783	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
309-00-2	Aldrin	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW

Sample Information

Client Sample ID: LSB-7/007 **York Sample ID:** 14A0168-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 12:30 pm	01/08/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00196	0.00196	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:14	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	0.0202	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:55	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	0.0202	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:55	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	0.0202	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:55	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	0.0202	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:55	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	0.0202	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:55	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	0.0202	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:55	JW
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	0.0202	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:55	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00807	0.0202	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 12:55	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.4 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**4180**		mg/kg dry	1.19	1.19	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-36-0	Antimony	**0.792**		mg/kg dry	0.594	0.594	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-38-2	Arsenic	**2.18**		mg/kg dry	1.19	1.19	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-39-3	Barium	**51.6**		mg/kg dry	1.19	1.19	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.356	0.356	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-70-2	Calcium	**19900**		mg/kg dry	0.594	5.94	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-47-3	Chromium	**31.3**		mg/kg dry	0.594	0.594	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-48-4	Cobalt	**3.48**		mg/kg dry	0.594	0.594	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-50-8	Copper	**9.33**		mg/kg dry	0.594	0.594	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7439-89-6	Iron	**8160**		mg/kg dry	2.37	2.37	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7439-92-1	Lead	**21.7**		mg/kg dry	0.356	0.356	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7439-95-4	Magnesium	**2600**		mg/kg dry	5.94	5.94	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7439-96-5	Manganese	**161**		mg/kg dry	0.594	0.594	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-02-0	Nickel	**7.87**		mg/kg dry	0.594	0.594	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-09-7	Potassium	**785**		mg/kg dry	5.94	5.94	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7782-49-2	Selenium	**1.53**		mg/kg dry	1.19	1.19	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW

Sample Information

Client Sample ID: LSB-7/007 **York Sample ID:** 14A0168-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 12:30 pm	01/08/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.594	0.594	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-23-5	Sodium	**223**		mg/kg dry	11.9	11.9	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-28-0	Thallium	ND		mg/kg dry	1.19	1.19	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-62-2	Vanadium	**8.51**		mg/kg dry	1.19	1.19	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW
7440-66-6	Zinc	**23.2**		mg/kg dry	1.19	1.19	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:19	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.188**		mg/kg dry	0.000950	0.000950	1	EPA 7473	01/09/2014 07:38	01/09/2014 14:55	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**84.2**		%	0.100	0.100	1	SM 2540G	01/09/2014 09:38	01/09/2014 13:47	ALD

Sample Information

Client Sample ID: FB-1/008 **York Sample ID:** 14A0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Water	January 7, 2014 12:10 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
67-64-1	Acetone	**2.0**	CCV-E, J	ug/L	1.0	2.0	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK

Sample Information

Client Sample ID: FB-1/008 **York Sample ID:** 14A0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Water	January 7, 2014 12:10 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/09/2014 09:15	01/09/2014 12:10	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.7 %*	*79-133*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*80-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*65-133*

Sample Information

Client Sample ID: FB-1/008 **York Sample ID:** 14A0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Water	January 7, 2014 12:10 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
1912-24-9	Atrazine	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR

Sample Information

Client Sample ID: FB-1/008 **York Sample ID:** 14A0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Water	January 7, 2014 12:10 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.100	0.100	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**0.470**		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
67-72-1	Hexachloroethane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
98-95-3	Nitrobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR

Sample Information

Client Sample ID: FB-1/008 **York Sample ID:** 14A0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Water	January 7, 2014 12:10 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
129-00-0	Pyrene	**0.380**		ug/L	0.0500	0.0500	1	EPA 8270D	01/09/2014 15:00	01/10/2014 13:20	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2014 15:00	01/10/2014 18:43	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*32.6 %*	*10-52*
4165-62-2	*Surrogate: Phenol-d5*	*15.6 %*	*10-117*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*66.2 %*	*12-112*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.4 %*	*14-101*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*63.2 %*	*17-127*
1718-51-0	*Surrogate: Terphenyl-d14*	*96.8 %*	*10-151*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
72-43-5	Methoxychlor	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW

Sample Information

Client Sample ID: FB-1/008 **York Sample ID:** 14A0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Water	January 7, 2014 12:10 pm	01/08/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/09/2014 09:00	01/10/2014 10:44	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	01/09/2014 09:00	01/13/2014 11:21	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	01/09/2014 09:00	01/13/2014 11:21	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/09/2014 09:00	01/13/2014 11:21	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/09/2014 09:00	01/13/2014 11:21	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/09/2014 09:00	01/13/2014 11:21	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/09/2014 09:00	01/13/2014 11:21	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/09/2014 09:00	01/13/2014 11:21	JW
1336-36-3	Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/09/2014 09:00	01/13/2014 11:21	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.6 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.8 %*	*30-120*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	10	10	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-36-0	Antimony	ND		ug/L	5	5	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-38-2	Arsenic	ND		ug/L	4	4	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-39-3	Barium	ND		ug/L	10	10	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-41-7	Beryllium	ND		ug/L	1	1	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-43-9	Cadmium	ND		ug/L	3	3	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-70-2	Calcium	ND		ug/L	50	50	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-47-3	Chromium	ND		ug/L	5	5	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-48-4	Cobalt	ND		ug/L	5	5	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-50-8	Copper	ND		ug/L	3	3	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7439-89-6	Iron	ND		ug/L	20	20	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7439-92-1	Lead	ND		ug/L	3	3	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7439-95-4	Magnesium	ND		ug/L	50	50	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW

Sample Information

Client Sample ID: FB-1/008 **York Sample ID:** 14A0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Water	January 7, 2014 12:10 pm	01/08/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		ug/L	5	5	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-02-0	Nickel	ND		ug/L	5	5	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-09-7	Potassium	ND		ug/L	50	50	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7782-49-2	Selenium	ND		ug/L	10	10	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-22-4	Silver	ND		ug/L	5	5	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-23-5	Sodium	**141**		ug/L	100	100	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-28-0	Thallium	ND		ug/L	5	5	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-62-2	Vanadium	ND		ug/L	10	10	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW
7440-66-6	Zinc	**12**		ug/L	10	10	1	EPA 200.7/6010C	01/09/2014 14:00	01/09/2014 16:21	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	01/10/2014 09:35	01/13/2014 07:11	ALD

Sample Information

Client Sample ID: DUP (LSB-2DUP)/009 **York Sample ID:** 14A0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:10 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**0.0071**	CCV-E, J	mg/kg dry	0.0039	0.016	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
71-43-2	Benzene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.079	0.16	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS

Sample Information

Client Sample ID: DUP (LSB-2DUP)/009 **York Sample ID:** 14A0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:10 pm	01/08/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.016	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
100-42-5	Styrene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
108-88-3	Toluene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.024	1	EPA 8260C	01/09/2014 13:53	01/09/2014 18:21	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*72-138*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.9 %*	*72-137*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-118*

Sample Information

Client Sample ID: DUP (LSB-2DUP)/009 **York Sample ID:** 14A0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:10 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**25.4**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
120-12-7	Anthracene	**37.8**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
56-55-3	Benzo(a)anthracene	**44.0**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
50-32-8	Benzo(a)pyrene	**48.6**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
205-99-2	Benzo(b)fluoranthene	**40.1**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
191-24-2	Benzo(g,h,i)perylene	**9.13**		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
207-08-9	Benzo(k)fluoranthene	**35.6**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
86-74-8	Carbazole	**22.0**		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
218-01-9	Chrysene	**42.9**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
53-70-3	Dibenzo(a,h)anthracene	**5.85**		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
132-64-9	Dibenzofuran	**12.9**		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	3.53	7.04	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR

Sample Information

Client Sample ID: DUP (LSB-2DUP)/009 **York Sample ID:** 14A0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:10 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	3.53	7.05	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
206-44-0	Fluoranthene	**136**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
86-73-7	Fluorene	**17.5**		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**12.0**		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
78-59-1	Isophorone	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
91-57-6	2-Methylnaphthalene	**5.48**		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
91-20-3	Naphthalene	**25.5**		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
85-01-8	Phenanthrene	**141**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
108-95-2	Phenol	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
129-00-0	Pyrene	**110**		mg/kg dry	4.44	17.6	50	EPA 8270D	01/09/2014 16:00	01/13/2014 11:56	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	1.78	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR

Sample Information

Client Sample ID: DUP (LSB-2DUP)/009 **York Sample ID:** 14A0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:10 pm	01/08/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.888	3.52	10	EPA 8270D	01/09/2014 16:00	01/10/2014 16:37	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*26.1 %*		*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*66.8 %*		*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.1 %*		*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.2 %*		*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*%*	S-06	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*%*	S-06	*10-147*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.0894	0.0894	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
72-43-5	Methoxychlor	ND		mg/kg dry	0.00884	0.00884	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
72-20-8	Endrin	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
57-74-9	Chlordane, total	ND		mg/kg dry	0.00707	0.00707	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
309-00-2	Aldrin	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW

Sample Information

Client Sample ID: DUP (LSB-2DUP)/009 **York Sample ID:** 14A0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:10 pm	01/08/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B/8082A	01/09/2014 07:19	01/10/2014 13:29	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 13:25	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 13:25	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 13:25	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 13:25	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 13:25	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 13:25	JW
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	0.0182	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 13:25	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00728	0.0182	1	EPA 8081B/8082A	01/09/2014 07:19	01/13/2014 13:25	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.7 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**4300**		mg/kg dry	1.07	1.07	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-36-0	Antimony	**0.642**		mg/kg dry	0.536	0.536	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-38-2	Arsenic	**1.94**		mg/kg dry	1.07	1.07	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-39-3	Barium	**83.1**		mg/kg dry	1.07	1.07	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.321	0.321	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-70-2	Calcium	**31500**		mg/kg dry	0.536	5.36	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-47-3	Chromium	**7.45**		mg/kg dry	0.536	0.536	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-48-4	Cobalt	**2.68**		mg/kg dry	0.536	0.536	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-50-8	Copper	**10.9**		mg/kg dry	0.536	0.536	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7439-89-6	Iron	**6980**		mg/kg dry	2.14	2.14	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7439-92-1	Lead	**473**		mg/kg dry	0.321	0.321	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7439-95-4	Magnesium	**2430**		mg/kg dry	5.36	5.36	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7439-96-5	Manganese	**134**		mg/kg dry	0.536	0.536	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-02-0	Nickel	**6.02**		mg/kg dry	0.536	0.536	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-09-7	Potassium	**930**		mg/kg dry	5.36	5.36	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7782-49-2	Selenium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW

Sample Information

Client Sample ID: DUP (LSB-2DUP)/009 **York Sample ID:** 14A0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0168	525 W 52nd St	Soil	January 7, 2014 1:10 pm	01/08/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.536	0.536	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-23-5	Sodium	**213**		mg/kg dry	10.7	10.7	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-62-2	Vanadium	**7.86**		mg/kg dry	1.07	1.07	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW
7440-66-6	Zinc	**38.3**		mg/kg dry	1.07	1.07	1	EPA 6010C	01/09/2014 14:05	01/09/2014 19:37	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.107**		mg/kg dry	0.000857	0.000857	1	EPA 7473	01/09/2014 07:38	01/09/2014 15:04	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**93.4**		%	0.100	0.100	1	SM 2540G	01/09/2014 09:38	01/09/2014 13:47	ALD

Analytical Batch Summary

Batch ID: BA40223 **Preparation Method:** EPA 3550C **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-01	LSB-1/001	01/09/14
14A0168-02	LSB-2/002	01/09/14
14A0168-04	LSB-4/004	01/09/14
14A0168-05	LSB-5/005	01/09/14
14A0168-06	LSB-6/006	01/09/14
14A0168-07	LSB-7/007	01/09/14
14A0168-09	DUP (LSB-2DUP)/009	01/09/14
BA40223-BLK1	Blank	01/09/14
BA40223-BS1	LCS	01/09/14
BA40223-BS2	LCS	01/09/14
BA40223-BSD1	LCS Dup	01/09/14
BA40223-BSD2	LCS Dup	01/09/14
BA40223-MS1	Matrix Spike	01/09/14

Batch ID: BA40226 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-01	LSB-1/001	01/09/14
14A0168-02	LSB-2/002	01/09/14
14A0168-04	LSB-4/004	01/09/14
14A0168-05	LSB-5/005	01/09/14
14A0168-06	LSB-6/006	01/09/14
14A0168-07	LSB-7/007	01/09/14
14A0168-09	DUP (LSB-2DUP)/009	01/09/14
BA40226-BLK1	Blank	01/09/14
BA40226-SRM1	Reference	01/09/14

Batch ID: BA40238 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-08	FB-1/008	01/09/14
BA40238-BLK1	Blank	01/09/14
BA40238-BS1	LCS	01/09/14
BA40238-BS2	LCS	01/09/14
BA40238-BSD1	LCS Dup	01/09/14
BA40238-BSD2	LCS Dup	01/09/14

Batch ID: BA40244 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-01	LSB-1/001	01/09/14
14A0168-02	LSB-2/002	01/09/14
14A0168-03	LSB-3/003	01/09/14
14A0168-04	LSB-4/004	01/09/14

14A0168-05	LSB-5/005	01/09/14
14A0168-06	LSB-6/006	01/09/14
14A0168-07	LSB-7/007	01/09/14
14A0168-09	DUP (LSB-2DUP)/009	01/09/14

Batch ID: BA40252 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-08	FB-1/008	01/09/14
BA40252-BLK1	Blank	01/09/14
BA40252-BS1	LCS	01/09/14
BA40252-BSD1	LCS Dup	01/09/14

Batch ID: BA40257 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-01	LSB-1/001	01/09/14
14A0168-02	LSB-2/002	01/09/14
14A0168-03	LSB-3/003	01/09/14
14A0168-04	LSB-4/004	01/09/14
14A0168-05	LSB-5/005	01/09/14
14A0168-06	LSB-6/006	01/09/14
14A0168-07	LSB-7/007	01/09/14
14A0168-09	DUP (LSB-2DUP)/009	01/09/14
BA40257-BLK1	Blank	01/09/14
BA40257-BS1	LCS	01/09/14
BA40257-BSD1	LCS Dup	01/09/14

Batch ID: BA40259 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-08	FB-1/008	01/09/14
BA40259-BLK1	Blank	01/09/14
BA40259-SRM1	Reference	01/09/14
BA40259-SRM2	Reference	01/09/14

Batch ID: BA40263 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-01	LSB-1/001	01/09/14
14A0168-02	LSB-2/002	01/09/14
14A0168-04	LSB-4/004	01/09/14
14A0168-05	LSB-5/005	01/09/14
14A0168-06	LSB-6/006	01/09/14
14A0168-07	LSB-7/007	01/09/14
14A0168-09	DUP (LSB-2DUP)/009	01/09/14
BA40263-BLK1	Blank	01/09/14
BA40263-DUP1	Duplicate	01/09/14
BA40263-MS1	Matrix Spike	01/09/14

BA40263-SRM1	Reference	01/09/14

Batch ID: BA40264 **Preparation Method:** EPA 3510C **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-08	FB-1/008	01/09/14
BA40264-BLK1	Blank	01/09/14
BA40264-BS1	LCS	01/09/14
BA40264-BS2	LCS	01/09/14
BA40264-BSD1	LCS Dup	01/09/14

Batch ID: BA40266 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-01	LSB-1/001	01/09/14
14A0168-02	LSB-2/002	01/09/14
14A0168-04	LSB-4/004	01/09/14
14A0168-05	LSB-5/005	01/09/14
14A0168-06	LSB-6/006	01/09/14
14A0168-07	LSB-7/007	01/09/14
14A0168-09	DUP (LSB-2DUP)/009	01/09/14
BA40266-BLK1	Blank	01/09/14
BA40266-BS1	LCS	01/09/14
BA40266-BSD1	LCS Dup	01/09/14

Batch ID: BA40288 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14A0168-08	FB-1/008	01/10/14
BA40288-BLK1	Blank	01/10/14
BA40288-DUP1	Duplicate	01/10/14
BA40288-MS1	Matrix Spike	01/10/14
BA40288-SRM1	Reference	01/10/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40252 - EPA 5030B											
Blank (BA40252-BLK1)											Prepared & Analyzed: 01/09/2014
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.1	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40252 - EPA 5030B											
Blank (BA40252-BLK1)								Prepared & Analyzed: 01/09/2014			
Vinyl Chloride	ND	0.50	ug/L								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.87*		*"*	*10.0*		*98.7*	*79-133*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*80-123*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*65-133*				
LCS (BA40252-BS1)								Prepared & Analyzed: 01/09/2014			
1,1,1-Trichloroethane	11		ug/L	10.0		106	80-131				
1,1,2,2-Tetrachloroethane	9.0		"	10.0		90.3	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		103	70-133				
1,1,2-Trichloroethane	9.4		"	10.0		93.6	73-124				
1,1-Dichloroethane	10		"	10.0		101	79-123				
1,1-Dichloroethylene	10		"	10.0		102	71-123				
1,2,3-Trichlorobenzene	9.1		"	10.0		90.9	78-117				
1,2,4-Trichlorobenzene	9.8		"	10.0		97.5	78-117				
1,2-Dibromo-3-chloropropane	8.9		"	10.0		89.0	73-129				
1,2-Dibromoethane	9.5		"	10.0		94.7	73-139				
1,2-Dichlorobenzene	10		"	10.0		102	83-110				
1,2-Dichloroethane	9.3		"	10.0		93.3	81-120				
1,2-Dichloropropane	9.8		"	10.0		97.7	76-120				
1,3-Dichlorobenzene	11		"	10.0		106	82-112				
1,4-Dichlorobenzene	10		"	10.0		105	83-110				
1,4-Dioxane	210		"	200		104	70-130				
2-Butanone	7.6		"	10.0		76.2	64-128				
2-Hexanone	8.1		"	10.0		81.3	65-130				
4-Methyl-2-pentanone	8.4		"	10.0		83.7	45-110				
Acetone	6.3		"	10.0		63.2	54-129				
Benzene	10		"	10.0		101	77-122				
Bromochloromethane	8.7		"	10.0		87.0	73-125				
Bromodichloromethane	9.7		"	10.0		97.2	83-120				
Bromoform	9.6		"	10.0		95.6	72-139				
Bromomethane	11		"	10.0		105	52-128				
Carbon disulfide	10		"	20.0		51.2	35-124				
Carbon tetrachloride	11		"	10.0		109	66-152				
Chlorobenzene	10		"	10.0		101	85-113				
Chloroethane	11		"	10.0		107	60-124				
Chloroform	10		"	10.0		101	82-119				
Chloromethane	10		"	10.0		101	42-126				
cis-1,2-Dichloroethylene	10		"	10.0		103	79-116				
cis-1,3-Dichloropropylene	9.8		"	10.0		97.9	85-134				
Cyclohexane	10		"	10.0		100	70-130				
Dibromochloromethane	9.6		"	10.0		96.2	74-151				
Dichlorodifluoromethane	11		"	10.0		106	10-146				
Ethyl Benzene	11		"	10.0		106	85-125				
Isopropylbenzene	11		"	10.0		112	71-128				
Methyl acetate	9.9		"	10.0		99.1	70-130				
Methyl tert-butyl ether (MTBE)	9.1		"	10.0		91.2	51-134				
Methylcyclohexane	11		"	10.0		108	70-130				
Methylene chloride	9.0		"	10.0		89.7	76-122				
o-Xylene	10		"	10.0		105	83-117				
p- & m- Xylenes	22		"	20.0		109	80-126				
Styrene	13		"	10.0		126	62-160				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40252 - EPA 5030B											
LCS (BA40252-BS1)								Prepared & Analyzed: 01/09/2014			
Tetrachloroethylene	11		ug/L	10.0		111	67-118				
Toluene	10		"	10.0		104	82-118				
trans-1,2-Dichloroethylene	10		"	10.0		105	76-119				
trans-1,3-Dichloropropylene	9.8		"	10.0		97.9	80-137				
Trichloroethylene	11		"	10.0		107	71-122				
Trichlorofluoromethane	11		"	10.0		105	67-130				
Vinyl Chloride	9.0		"	10.0		89.5	49-125				
Surrogate: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*79-133*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*80-123*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*65-133*				
LCS Dup (BA40252-BSD1)								Prepared & Analyzed: 01/09/2014			
1,1,1-Trichloroethane	11		ug/L	10.0		106	80-131		0.189	30	
1,1,2,2-Tetrachloroethane	8.8		"	10.0		87.6	76-120		3.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		103	70-133		0.194	30	
1,1,2-Trichloroethane	9.0		"	10.0		90.3	73-124		3.59	30	
1,1-Dichloroethane	10		"	10.0		102	79-123		0.988	30	
1,1-Dichloroethylene	10		"	10.0		103	71-123		0.585	30	
1,2,3-Trichlorobenzene	9.6		"	10.0		96.1	78-117		5.56	30	
1,2,4-Trichlorobenzene	10		"	10.0		103	78-117		5.10	30	
1,2-Dibromo-3-chloropropane	8.9		"	10.0		89.1	73-129		0.112	30	
1,2-Dibromoethane	9.2		"	10.0		92.2	73-139		2.68	30	
1,2-Dichlorobenzene	10		"	10.0		102	83-110		0.784	30	
1,2-Dichloroethane	9.1		"	10.0		90.9	81-120		2.61	30	
1,2-Dichloropropane	9.8		"	10.0		97.6	76-120		0.102	30	
1,3-Dichlorobenzene	11		"	10.0		106	82-112		0.0943	30	
1,4-Dichlorobenzene	11		"	10.0		107	83-110		2.55	30	
1,4-Dioxane	200		"	200		102	70-130		2.66	30	
2-Butanone	8.0		"	10.0		80.5	64-128		5.49	30	
2-Hexanone	7.8		"	10.0		77.8	65-130		4.40	30	
4-Methyl-2-pentanone	7.7		"	10.0		76.6	45-110		8.86	30	
Acetone	6.2		"	10.0		61.9	54-129		2.08	30	
Benzene	10		"	10.0		101	77-122		0.0992	30	
Bromochloromethane	11		"	10.0		106	73-125		20.1	30	
Bromodichloromethane	9.7		"	10.0		96.8	83-120		0.412	30	
Bromoform	9.3		"	10.0		93.1	72-139		2.65	30	
Bromomethane	11		"	10.0		109	52-128		3.82	30	
Carbon disulfide	10		"	20.0		50.1	35-124		2.07	30	
Carbon tetrachloride	11		"	10.0		109	66-152		0.0917	30	
Chlorobenzene	10		"	10.0		101	85-113		0.396	30	
Chloroethane	11		"	10.0		107	60-124		0.187	30	
Chloroform	10		"	10.0		100	82-119		0.199	30	
Chloromethane	10		"	10.0		101	42-126		0.495	30	
cis-1,2-Dichloroethylene	10		"	10.0		102	79-116		1.07	30	
cis-1,3-Dichloropropylene	9.8		"	10.0		98.3	85-134		0.408	30	
Cyclohexane	9.9		"	10.0		98.6	70-130		1.91	30	
Dibromochloromethane	9.5		"	10.0		94.6	74-151		1.68	30	
Dichlorodifluoromethane	11		"	10.0		106	10-146		0.377	30	
Ethyl Benzene	11		"	10.0		106	85-125		0.0946	30	
Isopropylbenzene	11		"	10.0		111	71-128		1.25	30	
Methyl acetate	9.5		"	10.0		94.7	70-130		4.54	30	
Methyl tert-butyl ether (MTBE)	9.0		"	10.0		90.4	51-134		0.881	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40252 - EPA 5030B											
LCS Dup (BA40252-BSD1)								Prepared & Analyzed: 01/09/2014			
Methylcyclohexane	11		ug/L	10.0		108	70-130		0.186	30	
Methylene chloride	8.9		"	10.0		89.0	76-122		0.783	30	
o-Xylene	10		"	10.0		105	83-117		0.191	30	
p- & m- Xylenes	22		"	20.0		109	80-126		0.230	30	
Styrene	13		"	10.0		126	62-160		0.635	30	
Tetrachloroethylene	11		"	10.0		111	67-118		0.00	30	
Toluene	10		"	10.0		105	82-118		0.671	30	
trans-1,2-Dichloroethylene	10		"	10.0		104	76-119		0.191	30	
trans-1,3-Dichloropropylene	9.6		"	10.0		96.2	80-137		1.75	30	
Trichloroethylene	11		"	10.0		106	71-122		0.470	30	
Trichlorofluoromethane	10		"	10.0		105	67-130		0.381	30	
Vinyl Chloride	8.9		"	10.0		88.7	49-125		0.898	30	
Surrogate: 1,2-Dichloroethane-d4	*9.25*		*"*	*10.0*		*92.5*	*79-133*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*80-123*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*65-133*				
Batch BA40257 - EPA 5035A											
Blank (BA40257-BLK1)								Prepared & Analyzed: 01/09/2014			
Acetone	ND	0.010	mg/kg wet								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
Ethyl Benzene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40257 - EPA 5035A											
Blank (BA40257-BLK1)								Prepared & Analyzed: 01/09/2014			
Methyl acetate	ND	0.0050	mg/kg wet								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Styrene	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
Xylenes, Total	ND	0.015	"								
Surrogate: p-Bromofluorobenzene	*54.9*		*ug/L*	*50.0*		*110*	*72-138*				
Surrogate: 1,2-Dichloroethane-d4	*45.0*		*"*	*50.0*		*90.0*	*72-137*				
Surrogate: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-118*				
LCS (BA40257-BS1)								Prepared & Analyzed: 01/09/2014			
Acetone	33		ug/L	50.0		66.0	26-119				
Benzene	42		"	50.0		84.6	81-117				
Bromochloromethane	34		"	50.0		68.5	79-118	Low Bias			
Bromodichloromethane	47		"	50.0		93.7	88-123				
Bromoform	55		"	50.0		110	85-122				
Bromomethane	37		"	50.0		74.4	43-137				
2-Butanone	43		"	50.0		85.5	60-129				
Carbon disulfide	40		"	100		40.5	18-145				
Carbon tetrachloride	44		"	50.0		87.6	79-135				
Chlorobenzene	51		"	50.0		102	87-112				
Chloroethane	43		"	50.0		86.1	60-132				
Chloroform	40		"	50.0		79.4	80-126	Low Bias			
Chloromethane	39		"	50.0		78.6	36-133				
Cyclohexane	40		"	50.0		80.9	70-130				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	72-131				
Dibromochloromethane	55		"	50.0		109	86-128				
1,2-Dibromoethane	50		"	50.0		101	86-114				
1,2-Dichlorobenzene	51		"	50.0		103	85-114				
1,3-Dichlorobenzene	52		"	50.0		104	84-114				
1,4-Dichlorobenzene	53		"	50.0		106	82-116				
Dichlorodifluoromethane	46		"	50.0		92.2	10-156				
1,1-Dichloroethane	43		"	50.0		86.3	80-119				
1,2-Dichloroethane	40		"	50.0		79.4	72-136				
1,1-Dichloroethylene	41		"	50.0		81.5	58-139				
trans-1,2-Dichloroethylene	42		"	50.0		85.0	68-131				
cis-1,2-Dichloroethylene	42		"	50.0		83.6	80-119				
1,2-Dichloropropane	50		"	50.0		99.0	79-119				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

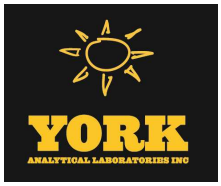
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40257 - EPA 5035A											
LCS (BA40257-BS1)								Prepared & Analyzed: 01/09/2014			
trans-1,3-Dichloropropylene	48		ug/L	50.0		96.4	81-127				
cis-1,3-Dichloropropylene	49		"	50.0		97.7	87-125				
1,4-Dioxane	870		"	1000		87.2	10-208				
Ethyl Benzene	45		"	50.0		90.2	88-117				
2-Hexanone	45		"	50.0		89.3	58-129				
Isopropylbenzene	52		"	50.0		105	84-116				
Methyl acetate	35		"	50.0		69.4	75-184	Low Bias			
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.9	58-137				
Methylcyclohexane	50		"	50.0		101	70-130				
Methylene chloride	37		"	50.0		74.4	47-140				
4-Methyl-2-pentanone	45		"	50.0		89.7	46-121				
Styrene	49		"	50.0		97.1	85-119				
1,1,2,2-Tetrachloroethane	49		"	50.0		97.7	82-119				
Tetrachloroethylene	52		"	50.0		104	74-127				
Toluene	46		"	50.0		92.1	83-114				
1,2,4-Trichlorobenzene	57		"	50.0		113	69-135				
1,2,3-Trichlorobenzene	58		"	50.0		117	72-133				
1,1,1-Trichloroethane	41		"	50.0		81.2	76-135				
1,1,2-Trichloroethane	48		"	50.0		96.0	82-114				
Trichloroethylene	48		"	50.0		96.4	84-118				
Trichlorofluoromethane	44		"	50.0		88.6	59-148				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39		"	50.0		77.5	68-144				
Vinyl Chloride	43		"	50.0		86.8	46-133				
o-Xylene	46		"	50.0		92.1	88-111				
p- & m- Xylenes	88		"	100		88.4	86-117				
Surrogate: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*72-138*				
Surrogate: 1,2-Dichloroethane-d4	*47.0*		*"*	*50.0*		*94.1*	*72-137*				
Surrogate: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-118*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40257 - EPA 5035A											
LCS Dup (BA40257-BSD1)								Prepared & Analyzed: 01/09/2014			
Acetone	28		ug/L	50.0		56.7	26-119		15.0	30	
Benzene	41		"	50.0		81.4	81-117		3.83	30	
Bromochloromethane	33		"	50.0		66.3	79-118	Low Bias	3.26	30	
Bromodichloromethane	45		"	50.0		90.6	88-123		3.39	30	
Bromoform	56		"	50.0		112	85-122		1.71	30	
Bromomethane	37		"	50.0		73.8	43-137		0.891	30	
2-Butanone	36		"	50.0		71.9	60-129		17.3	30	
Carbon disulfide	39		"	100		39.2	18-145		3.19	30	
Carbon tetrachloride	43		"	50.0		85.7	79-135		2.19	30	
Chlorobenzene	50		"	50.0		99.6	87-112		2.44	30	
Chloroethane	42		"	50.0		83.9	60-132		2.61	30	
Chloroform	39		"	50.0		77.4	80-126	Low Bias	2.47	30	
Chloromethane	39		"	50.0		77.3	36-133		1.59	30	
Cyclohexane	39		"	50.0		77.2	70-130		4.65	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	72-131		3.39	30	
Dibromochloromethane	51		"	50.0		103	86-128		5.90	30	
1,2-Dibromoethane	49		"	50.0		98.4	86-114		2.63	30	
1,2-Dichlorobenzene	53		"	50.0		107	85-114		3.85	30	
1,3-Dichlorobenzene	54		"	50.0		107	84-114		3.18	30	
1,4-Dichlorobenzene	55		"	50.0		110	82-116		4.22	30	
Dichlorodifluoromethane	43		"	50.0		86.6	10-156		6.24	30	
1,1-Dichloroethane	41		"	50.0		82.3	80-119		4.77	30	
1,2-Dichloroethane	36		"	50.0		73.0	72-136		8.38	30	
1,1-Dichloroethylene	39		"	50.0		77.6	58-139		4.90	30	
trans-1,2-Dichloroethylene	41		"	50.0		82.3	68-131		3.16	30	
cis-1,2-Dichloroethylene	42		"	50.0		83.4	80-119		0.192	30	
1,2-Dichloropropane	48		"	50.0		95.3	79-119		3.85	30	
trans-1,3-Dichloropropylene	47		"	50.0		93.5	81-127		3.05	30	
cis-1,3-Dichloropropylene	47		"	50.0		94.4	87-125		3.43	30	
1,4-Dioxane	900		"	1000		90.4	10-208		3.63	30	
Ethyl Benzene	44		"	50.0		88.9	88-117		1.41	30	
2-Hexanone	40		"	50.0		80.9	58-129		9.87	30	
Isopropylbenzene	53		"	50.0		106	84-116		1.36	30	
Methyl acetate	31		"	50.0		62.0	75-184	Low Bias	11.4	30	
Methyl tert-butyl ether (MTBE)	40		"	50.0		80.4	58-137		6.71	30	
Methylcyclohexane	48		"	50.0		95.8	70-130		4.83	30	
Methylene chloride	37		"	50.0		74.0	47-140		0.485	30	
4-Methyl-2-pentanone	41		"	50.0		81.2	46-121		9.85	30	
Styrene	48		"	50.0		95.4	85-119		1.74	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		95.7	82-119		2.11	30	
Tetrachloroethylene	51		"	50.0		102	74-127		2.27	30	
Toluene	46		"	50.0		91.9	83-114		0.239	30	
1,2,4-Trichlorobenzene	59		"	50.0		117	69-135		3.43	30	
1,2,3-Trichlorobenzene	60		"	50.0		120	72-133		2.88	30	
1,1,1-Trichloroethane	41		"	50.0		81.4	76-135		0.221	30	
1,1,2-Trichloroethane	46		"	50.0		92.7	82-114		3.52	30	
Trichloroethylene	47		"	50.0		94.9	84-118		1.59	30	
Trichlorofluoromethane	44		"	50.0		87.2	59-148		1.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	38		"	50.0		75.4	68-144		2.77	30	
Vinyl Chloride	42		"	50.0		84.4	46-133		2.80	30	
o-Xylene	45		"	50.0		89.4	88-111		2.93	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

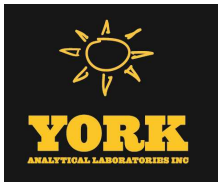
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40257 - EPA 5035A											
LCS Dup (BA40257-BSD1)								Prepared & Analyzed: 01/09/2014			
p- & m- Xylenes	88		ug/L	100		87.6	86-117		0.852	30	
Surrogate: p-Bromofluorobenzene	*56.4*		*"*	*50.0*		*113*	*72-138*				
Surrogate: 1,2-Dichloroethane-d4	*42.7*		*"*	*50.0*		*85.5*	*72-137*				
Surrogate: Toluene-d8	*51.5*		*"*	*50.0*		*103*	*85-118*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

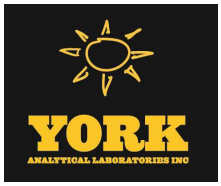
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40264 - EPA 3510C											
Blank (BA40264-BLK1)											
Prepared: 01/09/2014 Analyzed: 01/10/2014											
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.0500	"								
Benzaldehyde	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl butyl phthalate	ND	5.00	"								
1,1'-Biphenyl	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	0.100	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.0500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

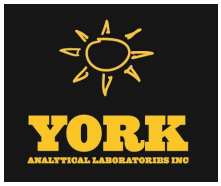
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40264 - EPA 3510C											
Blank (BA40264-BLK1)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
3-Nitroaniline	ND	5.00	ug/L								
4-Nitroaniline	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*23.8*		*"*	*75.0*		*31.7*	*10-52*				
Surrogate: Phenol-d5	*12.8*		*"*	*75.1*		*17.0*	*10-117*				
Surrogate: Nitrobenzene-d5	*38.7*		*"*	*50.2*		*77.1*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*42.2*		*"*	*50.0*		*84.5*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*56.6*		*"*	*75.1*		*75.3*	*17-127*				
Surrogate: Terphenyl-d14	*63.4*		*"*	*50.1*		*127*	*10-151*				
LCS (BA40264-BS1)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
Acenaphthene	50.0	0.0500	ug/L	50.0		100	31-101				
Acenaphthylene	46.6	0.0500	"	50.0		93.2	29-98				
Acetophenone	35.5	5.00	"	50.0		71.0	40-140				
Anthracene	50.6	0.0500	"	50.0		101	24-108				
Atrazine	46.8	0.0500	"	50.0		93.5	40-140				
Benzaldehyde	43.4	5.00	"	50.0		86.7	40-140				
Benzo(a)anthracene	43.8	0.0500	"	50.0		87.6	28-117				
Benzo(a)pyrene	57.4	0.0500	"	50.0		115	24-131				
Benzo(b)fluoranthene	39.8	0.0500	"	50.0		79.6	11-145				
Benzo(g,h,i)perylene	22.8	0.0500	"	50.0		45.6	10-110				
Benzo(k)fluoranthene	43.6	0.0500	"	50.0		87.2	10-161				
Benzyl butyl phthalate	41.5	5.00	"	50.0		83.0	14-134				
1,1'-Biphenyl	50.6	5.00	"	50.0		101	40-140				
4-Bromophenyl phenyl ether	45.6	5.00	"	50.0		91.3	28-109				
Caprolactam	7.59	5.00	"	50.0		15.2	40-140	Low Bias			
Carbazole	50.1	5.00	"	50.0		100	10-207				
4-Chloro-3-methylphenol	41.9	5.00	"	50.0		83.8	23-100				
4-Chloroaniline	ND	5.00	"	50.0			17-168	Low Bias			
Bis(2-chloroethoxy)methane	43.4	5.00	"	50.0		86.9	23-106				
Bis(2-chloroethyl)ether	41.9	5.00	"	50.0		83.7	14-116				
Bis(2-chloroisopropyl)ether	44.0	5.00	"	50.0		88.1	10-155				
2-Chloronaphthalene	46.3	5.00	"	50.0		92.7	32-94				
2-Chlorophenol	31.3	5.00	"	50.0		62.6	16-99				
4-Chlorophenyl phenyl ether	51.4	5.00	"	50.0		103	26-113				
Chrysene	40.9	0.0500	"	50.0		81.7	26-112				
Dibenzo(a,h)anthracene	32.2	0.0500	"	50.0		64.4	12-104				
Dibenzofuran	49.0	5.00	"	50.0		98.0	36-96	High Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40264 - EPA 3510C											
LCS (BA40264-BS1)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
Di-n-butyl phthalate	50.9	5.00	ug/L	50.0		102	20-119				
3,3'-Dichlorobenzidine	49.5	5.00	"	50.0		98.9	25-154				
2,4-Dichlorophenol	38.2	5.00	"	50.0		76.4	28-97				
Diethyl phthalate	47.9	5.00	"	50.0		95.9	34-104				
2,4-Dimethylphenol	33.7	5.00	"	50.0		67.4	23-94				
Dimethyl phthalate	41.9	5.00	"	50.0		83.9	33-104				
4,6-Dinitro-2-methylphenol	16.9	0.100	"	50.0		33.8	10-133				
2,4-Dinitrophenol	8.37	5.00	"	50.0		16.7	10-145				
2,4-Dinitrotoluene	42.5	5.00	"	50.0		85.1	32-104				
2,6-Dinitrotoluene	40.9	5.00	"	50.0		81.9	34-105				
Di-n-octyl phthalate	71.8	5.00	"	50.0		144	10-144				
Bis(2-ethylhexyl)phthalate	45.4	0.0500	"	50.0		90.7	10-171				
Fluoranthene	50.2	0.0500	"	50.0		100	27-110				
Fluorene	54.4	0.0500	"	50.0		109	32-107	High Bias			
Hexachlorobenzene	53.0	0.0200	"	50.0		106	16-127				
Hexachlorobutadiene	36.7	0.0500	"	50.0		73.5	22-95				
Hexachlorocyclopentadiene	9.55	5.00	"	50.0		19.1	10-101				
Hexachloroethane	32.9	5.00	"	50.0		65.8	10-99				
Indeno(1,2,3-cd)pyrene	30.9	0.0500	"	50.0		61.7	10-107				
Isophorone	41.9	5.00	"	50.0		83.8	19-119				
2-Methylnaphthalene	48.4	5.00	"	50.0		96.8	27-97				
2-Methylphenol	23.8	5.00	"	50.0		47.6	10-88				
3- & 4-Methylphenols	20.2	5.00	"	50.0		40.4	10-71				
Naphthalene	44.2	0.0500	"	50.0		88.5	27-95				
3-Nitroaniline	39.3	5.00	"	50.0		78.5	10-221				
4-Nitroaniline	40.4	5.00	"	50.0		80.9	10-139				
2-Nitroaniline	44.5	5.00	"	50.0		88.9	33-106				
Nitrobenzene	41.1	5.00	"	50.0		82.3	16-114				
4-Nitrophenol	16.6	5.00	"	50.0		33.3	10-55				
2-Nitrophenol	35.5	5.00	"	50.0		71.0	24-101				
N-nitroso-di-n-propylamine	43.5	5.00	"	50.0		86.9	14-133				
N-Nitrosodiphenylamine	63.2	5.00	"	50.0		126	39-123	High Bias			
Pentachlorophenol	46.1	0.0500	"	50.0		92.2	15-150				
Phenanthrene	51.1	0.0500	"	50.0		102	26-109				
Phenol	10.4	5.00	"	50.0		20.7	10-57				
Pyrene	42.4	0.0500	"	50.0		84.9	23-126				
1,2,4,5-Tetrachlorobenzene	39.0	5.00	"	50.0		78.0	40-140				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,6-Trichlorophenol	42.4	5.00	"	50.0		84.8	34-100				
2,4,5-Trichlorophenol	44.9	5.00	"	50.0		89.8	30-102				
Surrogate: 2-Fluorophenol	*21.6*		*"*	*75.0*		*28.8*	*10-52*				
Surrogate: Phenol-d5	*13.8*		*"*	*75.1*		*18.4*	*10-117*				
Surrogate: Nitrobenzene-d5	*38.2*		*"*	*50.2*		*76.1*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*40.4*		*"*	*50.0*		*80.7*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*69.9*		*"*	*75.1*		*93.0*	*17-127*				
Surrogate: Terphenyl-d14	*40.9*		*"*	*50.1*		*81.7*	*10-151*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

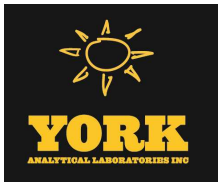
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40264 - EPA 3510C											
LCS (BA40264-BS2)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
Acenaphthene	0.400	0.0500	ug/L	1.00		40.0	31-101				
Acenaphthylene	0.480	0.0500	"	1.00		48.0	29-98				
Acetophenone	ND	5.00	"				40-140				
Anthracene	0.530	0.0500	"	1.00		53.0	24-108				
Atrazine	ND	0.0500	"				40-140				
Benzaldehyde	ND	5.00	"				40-140				
Benzo(a)anthracene	0.610	0.0500	"	1.00		61.0	28-117				
Benzo(a)pyrene	0.600	0.0500	"	1.00		60.0	24-131				
Benzo(b)fluoranthene	0.570	0.0500	"	1.00		57.0	11-145				
Benzo(g,h,i)perylene	0.790	0.0500	"	1.00		79.0	10-110				
Benzo(k)fluoranthene	0.580	0.0500	"	1.00		58.0	10-161				
Benzyl butyl phthalate	ND	5.00	"				14-134				
1,1'-Biphenyl	ND	5.00	"				40-140				
4-Bromophenyl phenyl ether	ND	5.00	"				28-109				
Caprolactam	ND	5.00	"				40-140				
Carbazole	ND	5.00	"				10-207				
4-Chloro-3-methylphenol	ND	5.00	"				23-100				
4-Chloroaniline	ND	5.00	"				17-168				
Bis(2-chloroethoxy)methane	ND	5.00	"				23-106				
Bis(2-chloroethyl)ether	ND	5.00	"				14-116				
Bis(2-chloroisopropyl)ether	ND	5.00	"				10-155				
2-Chloronaphthalene	ND	5.00	"				32-94				
2-Chlorophenol	ND	5.00	"				16-99				
4-Chlorophenyl phenyl ether	ND	5.00	"				26-113				
Chrysene	0.510	0.0500	"	1.00		51.0	26-112				
Dibenzo(a,h)anthracene	0.770	0.0500	"	1.00		77.0	12-104				
Dibenzofuran	ND	5.00	"				36-96				
Di-n-butyl phthalate	ND	5.00	"				20-119				
3,3'-Dichlorobenzidine	ND	5.00	"				25-154				
2,4-Dichlorophenol	ND	5.00	"				28-97				
Diethyl phthalate	ND	5.00	"				34-104				
2,4-Dimethylphenol	ND	5.00	"				23-94				
Dimethyl phthalate	ND	5.00	"				33-104				
4,6-Dinitro-2-methylphenol	ND	0.100	"				10-133				
2,4-Dinitrophenol	ND	5.00	"				10-145				
2,4-Dinitrotoluene	ND	5.00	"				32-104				
2,6-Dinitrotoluene	ND	5.00	"				34-105				
Di-n-octyl phthalate	ND	5.00	"				10-144				
Bis(2-ethylhexyl)phthalate	0.220	0.0500	"				10-171				
Fluoranthene	0.440	0.0500	"	1.00		44.0	27-110				
Fluorene	0.470	0.0500	"	1.00		47.0	32-107				
Hexachlorobenzene	ND	0.0200	"				16-127				
Hexachlorobutadiene	ND	0.0500	"				22-95				
Hexachlorocyclopentadiene	ND	5.00	"				10-101				
Hexachloroethane	ND	5.00	"				10-99				
Indeno(1,2,3-cd)pyrene	0.770	0.0500	"	1.00		77.0	10-107				
Isophorone	ND	5.00	"				19-119				
2-Methylnaphthalene	ND	5.00	"				27-97				
2-Methylphenol	ND	5.00	"				10-88				
3- & 4-Methylphenols	ND	5.00	"				10-71				
Naphthalene	0.460	0.0500	"	1.00		46.0	27-95				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

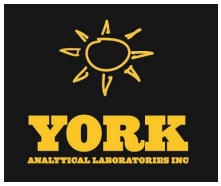
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40264 - EPA 3510C											
LCS (BA40264-BS2)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
3-Nitroaniline	ND	5.00	ug/L				10-221				
4-Nitroaniline	ND	5.00	"				10-139				
2-Nitroaniline	ND	5.00	"				33-106				
Nitrobenzene	ND	5.00	"				16-114				
4-Nitrophenol	ND	5.00	"				10-55				
2-Nitrophenol	ND	5.00	"				24-101				
N-nitroso-di-n-propylamine	ND	5.00	"				14-133				
N-Nitrosodiphenylamine	ND	5.00	"				39-123				
Pentachlorophenol	0.190	0.0500	"				15-150				
Phenanthrene	0.550	0.0500	"	1.00		55.0	26-109				
Phenol	ND	5.00	"				10-57				
Pyrene	0.460	0.0500	"	1.00		46.0	23-126				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				40-140				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,6-Trichlorophenol	ND	5.00	"				34-100				
2,4,5-Trichlorophenol	ND	5.00	"				30-102				
Surrogate: 2-Fluorophenol	*0.00*		*"*	*75.0*			*10-52*				
Surrogate: Phenol-d5	*0.00*		*"*	*75.1*			*10-117*				
Surrogate: Nitrobenzene-d5	*0.00*		*"*	*50.2*			*12-112*				
Surrogate: 2-Fluorobiphenyl	*0.00*		*"*	*50.0*			*14-101*				
Surrogate: 2,4,6-Tribromophenol	*0.00*		*"*	*75.1*			*17-127*				
Surrogate: Terphenyl-d14	*0.00*		*"*	*50.1*			*10-151*				
LCS Dup (BA40264-BSD1)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
Acenaphthene	49.2	0.0500	ug/L	50.0		98.5	31-101		1.55	20	
Acenaphthylene	47.9	0.0500	"	50.0		95.9	29-98		2.84	20	
Acetophenone	37.9	5.00	"	50.0		75.7	40-140		6.52	20	
Anthracene	52.1	0.0500	"	50.0		104	24-108		2.92	20	
Atrazine	50.8	0.0500	"	50.0		102	40-140		8.20	20	
Benzaldehyde	42.4	5.00	"	50.0		84.7	40-140		2.36	20	
Benzo(a)anthracene	47.8	0.0500	"	50.0		95.7	28-117		8.82	20	
Benzo(a)pyrene	58.6	0.0500	"	50.0		117	24-131		2.21	20	
Benzo(b)fluoranthene	46.7	0.0500	"	50.0		93.4	11-145		15.9	20	
Benzo(g,h,i)perylene	25.0	0.0500	"	50.0		50.0	10-110		9.16	20	
Benzo(k)fluoranthene	41.7	0.0500	"	50.0		83.5	10-161		4.40	20	
Benzyl butyl phthalate	46.2	5.00	"	50.0		92.4	14-134		10.7	20	
1,1'-Biphenyl	50.8	5.00	"	50.0		102	40-140		0.316	20	
4-Bromophenyl phenyl ether	46.5	5.00	"	50.0		92.9	28-109		1.78	20	
Caprolactam	8.40	5.00	"	50.0		16.8	40-140	Low Bias	10.1	20	
Carbazole	51.4	5.00	"	50.0		103	10-207		2.64	20	
4-Chloro-3-methylphenol	46.2	5.00	"	50.0		92.5	23-100		9.85	20	
4-Chloroaniline	38.7	5.00	"	50.0		77.3	17-168		178	20	Non-dir.
Bis(2-chloroethoxy)methane	45.4	5.00	"	50.0		90.7	23-106		4.28	20	
Bis(2-chloroethyl)ether	40.6	5.00	"	50.0		81.3	14-116		2.96	20	
Bis(2-chloroisopropyl)ether	43.6	5.00	"	50.0		87.3	10-155		0.867	20	
2-Chloronaphthalene	44.9	5.00	"	50.0		89.8	32-94		3.16	20	
2-Chlorophenol	31.3	5.00	"	50.0		62.5	16-99		0.128	20	
4-Chlorophenyl phenyl ether	52.8	5.00	"	50.0		106	26-113		2.55	20	
Chrysene	44.6	0.0500	"	50.0		89.3	26-112		8.82	20	
Dibenzo(a,h)anthracene	35.8	0.0500	"	50.0		71.7	12-104		10.7	20	
Dibenzofuran	48.1	5.00	"	50.0		96.2	36-96	High Bias	1.83	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40264 - EPA 3510C											
LCS Dup (BA40264-BSD1)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
Di-n-butyl phthalate	54.4	5.00	ug/L	50.0		109	20-119		6.78	20	
3,3'-Dichlorobenzidine	52.7	5.00	"	50.0		105	25-154		6.30	20	
2,4-Dichlorophenol	38.0	5.00	"	50.0		76.1	28-97		0.446	20	
Diethyl phthalate	50.2	5.00	"	50.0		100	34-104		4.67	20	
2,4-Dimethylphenol	33.7	5.00	"	50.0		67.3	23-94		0.119	20	
Dimethyl phthalate	43.9	5.00	"	50.0		87.8	33-104		4.54	20	
4,6-Dinitro-2-methylphenol	20.6	0.100	"	50.0		41.1	10-133		19.4	20	
2,4-Dinitrophenol	11.8	5.00	"	50.0		23.6	10-145		33.8	20	Non-dir.
2,4-Dinitrotoluene	44.2	5.00	"	50.0		88.3	32-104		3.74	20	
2,6-Dinitrotoluene	43.8	5.00	"	50.0		87.5	34-105		6.64	20	
Di-n-octyl phthalate	74.2	5.00	"	50.0		148	10-144	High Bias	3.22	20	
Bis(2-ethylhexyl)phthalate	50.7	0.0500	"	50.0		101	10-171		11.0	20	
Fluoranthene	51.2	0.0500	"	50.0		102	27-110		1.83	20	
Fluorene	55.4	0.0500	"	50.0		111	32-107	High Bias	1.86	20	
Hexachlorobenzene	55.0	0.0200	"	50.0		110	16-127		3.72	20	
Hexachlorobutadiene	35.7	0.0500	"	50.0		71.4	22-95		2.84	20	
Hexachlorocyclopentadiene	10.4	5.00	"	50.0		20.8	10-101		8.62	20	
Hexachloroethane	31.3	5.00	"	50.0		62.5	10-99		5.05	20	
Indeno(1,2,3-cd)pyrene	33.0	0.0500	"	50.0		66.0	10-107		6.73	20	
Isophorone	45.5	5.00	"	50.0		91.1	19-119		8.28	20	
2-Methylnaphthalene	49.2	5.00	"	50.0		98.3	27-97	High Bias	1.54	20	
2-Methylphenol	27.7	5.00	"	50.0		55.4	10-88		15.2	20	
3- & 4-Methylphenols	22.2	5.00	"	50.0		44.5	10-71		9.61	20	
Naphthalene	42.4	0.0500	"	50.0		84.7	27-95		4.34	20	
3-Nitroaniline	39.8	5.00	"	50.0		79.6	10-221		1.34	20	
4-Nitroaniline	42.5	5.00	"	50.0		85.0	10-139		4.97	20	
2-Nitroaniline	48.9	5.00	"	50.0		97.9	33-106		9.57	20	
Nitrobenzene	41.9	5.00	"	50.0		83.8	16-114		1.88	20	
4-Nitrophenol	17.1	5.00	"	50.0		34.3	10-55		3.02	20	
2-Nitrophenol	37.6	5.00	"	50.0		75.2	24-101		5.83	20	
N-nitroso-di-n-propylamine	43.3	5.00	"	50.0		86.6	14-133		0.415	20	
N-Nitrosodiphenylamine	68.0	5.00	"	50.0		136	39-123	High Bias	7.36	20	
Pentachlorophenol	49.3	0.0500	"	50.0		98.6	15-150		6.79	20	
Phenanthrene	51.8	0.0500	"	50.0		104	26-109		1.36	20	
Phenol	10.3	5.00	"	50.0		20.6	10-57		0.387	20	
Pyrene	45.8	0.0500	"	50.0		91.6	23-126		7.55	20	
1,2,4,5-Tetrachlorobenzene	39.9	5.00	"	50.0		79.7	40-140		2.26	20	
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130			20	
2,4,6-Trichlorophenol	42.6	5.00	"	50.0		85.2	34-100		0.470	20	
2,4,5-Trichlorophenol	47.3	5.00	"	50.0		94.6	30-102		5.19	20	
Surrogate: 2-Fluorophenol	*21.5*		*"*	*75.0*		*28.7*	*10-52*				
Surrogate: Phenol-d5	*15.3*		*"*	*75.1*		*20.4*	*10-117*				
Surrogate: Nitrobenzene-d5	*40.1*		*"*	*50.2*		*79.9*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*41.1*		*"*	*50.0*		*82.2*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*73.2*		*"*	*75.1*		*97.4*	*17-127*				
Surrogate: Terphenyl-d14	*44.9*		*"*	*50.1*		*89.7*	*10-151*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

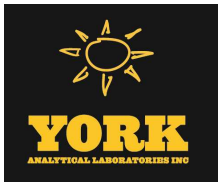
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40266 - EPA 3545A											
Blank (BA40266-BLK1)											
Prepared: 01/09/2014 Analyzed: 01/10/2014											
Acenaphthene	ND	0.250	mg/kg wet								
Acenaphthylene	ND	0.250	"								
Acetophenone	ND	0.250	"								
Anthracene	ND	0.250	"								
Atrazine	ND	0.250	"								
Benzaldehyde	ND	0.250	"								
Benzo(a)anthracene	ND	0.250	"								
Benzo(a)pyrene	ND	0.250	"								
Benzo(b)fluoranthene	ND	0.250	"								
Benzo(g,h,i)perylene	ND	0.250	"								
Benzo(k)fluoranthene	ND	0.250	"								
Benzyl butyl phthalate	ND	0.250	"								
1,1'-Biphenyl	ND	0.250	"								
4-Bromophenyl phenyl ether	ND	0.250	"								
Caprolactam	ND	0.250	"								
Carbazole	ND	0.250	"								
4-Chloro-3-methylphenol	ND	0.250	"								
4-Chloroaniline	ND	0.250	"								
Bis(2-chloroethoxy)methane	ND	0.250	"								
Bis(2-chloroethyl)ether	ND	0.250	"								
Bis(2-chloroisopropyl)ether	ND	0.250	"								
2-Chloronaphthalene	ND	0.250	"								
2-Chlorophenol	ND	0.250	"								
4-Chlorophenyl phenyl ether	ND	0.250	"								
Chrysene	ND	0.250	"								
Dibenzo(a,h)anthracene	ND	0.250	"								
Dibenzofuran	ND	0.250	"								
Di-n-butyl phthalate	ND	0.250	"								
3,3'-Dichlorobenzidine	ND	0.500	"								
2,4-Dichlorophenol	ND	0.250	"								
Diethyl phthalate	ND	0.250	"								
2,4-Dimethylphenol	ND	0.250	"								
Dimethyl phthalate	ND	0.250	"								
4,6-Dinitro-2-methylphenol	ND	0.250	"								
2,4-Dinitrophenol	ND	0.500	"								
2,4-Dinitrotoluene	ND	0.250	"								
2,6-Dinitrotoluene	ND	0.250	"								
Di-n-octyl phthalate	ND	0.250	"								
Bis(2-ethylhexyl)phthalate	ND	0.250	"								
Fluoranthene	ND	0.250	"								
Fluorene	ND	0.250	"								
Hexachlorobenzene	ND	0.250	"								
Hexachlorobutadiene	ND	0.250	"								
Hexachlorocyclopentadiene	ND	0.250	"								
Hexachloroethane	ND	0.250	"								
Indeno(1,2,3-cd)pyrene	ND	0.250	"								
Isophorone	ND	0.250	"								
2-Methylnaphthalene	ND	0.250	"								
2-Methylphenol	ND	0.250	"								
3- & 4-Methylphenols	ND	0.250	"								
Naphthalene	ND	0.250	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40266 - EPA 3545A											
Blank (BA40266-BLK1)											Prepared: 01/09/2014 Analyzed: 01/10/2014
4-Nitroaniline	ND	0.250	mg/kg wet								
2-Nitroaniline	ND	0.250	"								
3-Nitroaniline	ND	0.250	"								
Nitrobenzene	ND	0.250	"								
2-Nitrophenol	ND	0.250	"								
4-Nitrophenol	ND	0.250	"								
N-nitroso-di-n-propylamine	ND	0.250	"								
N-Nitrosodiphenylamine	ND	0.250	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.250	"								
Phenol	ND	0.250	"								
Pyrene	ND	0.250	"								
1,2,4,5-Tetrachlorobenzene	ND	0.250	"								
2,3,4,6-Tetrachlorophenol	ND	0.250	"								
2,4,6-Trichlorophenol	ND	0.250	"								
2,4,5-Trichlorophenol	ND	0.250	"								
Surrogate: 2-Fluorophenol	*3.16*		*"*	*3.75*		*84.3*	*10-109*				
Surrogate: Phenol-d5	*3.51*		*"*	*3.76*		*93.5*	*10-124*				
Surrogate: Nitrobenzene-d5	*2.14*		*"*	*2.51*		*85.3*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*2.02*		*"*	*2.50*		*80.7*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*2.84*		*"*	*3.76*		*75.6*	*10-142*				
Surrogate: Terphenyl-d14	*2.76*		*"*	*2.50*		*110*	*10-147*				
LCS (BA40266-BS1)											Prepared: 01/09/2014 Analyzed: 01/10/2014
Acenaphthene	2.94	0.250	mg/kg wet	2.50		118	35-127				
Acenaphthylene	2.74	0.250	"	2.50		110	37-121				
Acetophenone	2.38	0.250	"				40-140				
Anthracene	2.65	0.250	"	2.50		106	38-131				
Atrazine	2.50	0.250	"				40-140				
Benzaldehyde	2.38	0.250	"				40-140				
Benzo(a)anthracene	2.59	0.250	"	2.50		104	37-137				
Benzo(a)pyrene	2.69	0.250	"	2.50		108	33-162				
Benzo(b)fluoranthene	2.08	0.250	"	2.50		83.3	26-160				
Benzo(g,h,i)perylene	2.40	0.250	"	2.50		96.0	10-154				
Benzo(k)fluoranthene	2.09	0.250	"	2.50		83.6	34-143				
Benzyl butyl phthalate	2.63	0.250	"	2.50		105	30-143				
1,1'-Biphenyl	3.20	0.250	"				40-140				
4-Bromophenyl phenyl ether	2.42	0.250	"	2.50		96.8	35-135				
Caprolactam	0.944	0.250	"				40-140				
Carbazole	2.32	0.250	"	2.50		92.6	10-241				
4-Chloro-3-methylphenol	2.80	0.250	"	2.50		112	34-133				
4-Chloroaniline	1.08	0.250	"	2.50		43.2	17-175				
Bis(2-chloroethoxy)methane	2.52	0.250	"	2.50		101	31-119				
Bis(2-chloroethyl)ether	2.94	0.250	"	2.50		118	18-124				
Bis(2-chloroisopropyl)ether	3.12	0.250	"	2.50		125	10-141				
2-Chloronaphthalene	2.77	0.250	"	2.50		111	34-117				
2-Chlorophenol	2.61	0.250	"	2.50		105	32-123				
4-Chlorophenyl phenyl ether	3.04	0.250	"	2.50		121	25-142				
Chrysene	2.59	0.250	"	2.50		104	38-132				
Dibenzo(a,h)anthracene	2.57	0.250	"	2.50		103	14-153				
Dibenzofuran	3.03	0.250	"	2.50		121	39-123				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40266 - EPA 3545A											
LCS (BA40266-BS1)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
Di-n-butyl phthalate	2.71	0.250	mg/kg wet	2.50		108	35-132				
3,3'-Dichlorobenzidine	2.43	0.500	"	2.50		97.0	16-177				
2,4-Dichlorophenol	2.40	0.250	"	2.50		95.9	30-134				
Diethyl phthalate	2.83	0.250	"	2.50		113	41-125				
2,4-Dimethylphenol	2.56	0.250	"	2.50		103	33-120				
Dimethyl phthalate	2.46	0.250	"	2.50		98.2	39-125				
4,6-Dinitro-2-methylphenol	2.66	0.250	"	2.50		107	10-165				
2,4-Dinitrophenol	2.20	0.500	"	2.50		88.1	53-209				
2,4-Dinitrotoluene	2.59	0.250	"	2.50		103	41-129				
2,6-Dinitrotoluene	2.56	0.250	"	2.50		102	42-130				
Di-n-octyl phthalate	3.26	0.250	"	2.50		131	19-162				
Bis(2-ethylhexyl)phthalate	2.82	0.250	"	2.50		113	35-137				
Fluoranthene	2.59	0.250	"	2.50		104	35-136				
Fluorene	3.12	0.250	"	2.50		125	33-134				
Hexachlorobenzene	2.84	0.250	"	2.50		114	31-139				
Hexachlorobutadiene	2.43	0.250	"	2.50		97.2	19-137				
Hexachlorocyclopentadiene	2.21	0.250	"	2.50		88.4	10-145				
Hexachloroethane	2.52	0.250	"	2.50		101	12-125				
Indeno(1,2,3-cd)pyrene	2.63	0.250	"	2.50		105	11-155				
Isophorone	2.41	0.250	"	2.50		96.3	30-125				
2-Methylnaphthalene	3.04	0.250	"	2.50		122	30-125				
2-Methylphenol	2.97	0.250	"	2.50		119	30-128				
3- & 4-Methylphenols	2.65	0.250	"	2.50		106	30-120				
Naphthalene	2.64	0.250	"	2.50		106	28-121				
4-Nitroaniline	1.98	0.250	"	2.50		79.3	10-208				
2-Nitroaniline	2.61	0.250	"	2.50		104	38-130				
3-Nitroaniline	1.95	0.250	"	2.50		77.9	10-234				
Nitrobenzene	2.42	0.250	"	2.50		96.6	28-118				
2-Nitrophenol	2.26	0.250	"	2.50		90.5	23-129				
4-Nitrophenol	3.59	0.250	"	2.50		144	10-185				
N-nitroso-di-n-propylamine	2.73	0.250	"	2.50		109	21-136				
N-Nitrosodiphenylamine	3.55	0.250	"	2.50		142	36-163				
Pentachlorophenol	2.52	0.250	"	2.50		101	15-182				
Phenanthrene	2.67	0.250	"	2.50		107	37-132				
Phenol	2.94	0.250	"	2.50		118	28-124				
Pyrene	2.74	0.250	"	2.50		110	30-147				
1,2,4,5-Tetrachlorobenzene	2.55	0.250	"	2.50		102	40-140				
2,3,4,6-Tetrachlorophenol	ND	0.250	"				30-130				
2,4,6-Trichlorophenol	2.63	0.250	"	2.50		105	36-130				
2,4,5-Trichlorophenol	2.82	0.250	"	2.50		113	34-126				
Surrogate: 2-Fluorophenol	*4.06*		*"*	*3.75*		*108*	*10-109*				
Surrogate: Phenol-d5	*4.76*		*"*	*3.76*		*127*	*10-124*				
Surrogate: Nitrobenzene-d5	*2.20*		*"*	*2.51*		*87.7*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*2.43*		*"*	*2.50*		*97.2*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*3.59*		*"*	*3.76*		*95.7*	*10-142*				
Surrogate: Terphenyl-d14	*2.49*		*"*	*2.50*		*99.2*	*10-147*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BA40266 - EPA 3545A

LCS Dup (BA40266-BSD1) Prepared: 01/09/2014 Analyzed: 01/10/2014

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Acenaphthene	2.70	0.250	mg/kg wet	2.50		108	35-127		8.48	30	
Acenaphthylene	2.59	0.250	"	2.50		103	37-121		5.85	30	
Acetophenone	2.04	0.250	"				40-140		15.3	30	
Anthracene	2.69	0.250	"	2.50		107	38-131		1.33	30	
Atrazine	2.46	0.250	"				40-140		1.71	30	
Benzaldehyde	2.29	0.250	"				40-140		4.01	30	
Benzo(a)anthracene	2.52	0.250	"	2.50		101	37-137		2.79	30	
Benzo(a)pyrene	2.89	0.250	"	2.50		115	33-162		6.90	30	
Benzo(b)fluoranthene	2.59	0.250	"	2.50		103	26-160		21.6	30	
Benzo(g,h,i)perylene	2.35	0.250	"	2.50		94.0	10-154		2.11	30	
Benzo(k)fluoranthene	2.36	0.250	"	2.50		94.5	34-143		12.2	30	
Benzyl butyl phthalate	2.48	0.250	"	2.50		99.3	30-143		5.64	30	
1,1'-Biphenyl	3.03	0.250	"				40-140		5.30	30	
4-Bromophenyl phenyl ether	2.48	0.250	"	2.50		99.0	35-135		2.27	30	
Caprolactam	1.01	0.250	"				40-140		7.10	30	
Carbazole	2.24	0.250	"	2.50		89.5	10-241		3.45	30	
4-Chloro-3-methylphenol	2.66	0.250	"	2.50		106	34-133		5.21	30	
4-Chloroaniline	1.50	0.250	"	2.50		59.9	17-175		32.3	30	Non-dir.
Bis(2-chloroethoxy)methane	2.47	0.250	"	2.50		99.0	31-119		1.88	30	
Bis(2-chloroethyl)ether	2.49	0.250	"	2.50		99.5	18-124		16.6	30	
Bis(2-chloroisopropyl)ether	2.68	0.250	"	2.50		107	10-141		15.4	30	
2-Chloronaphthalene	2.60	0.250	"	2.50		104	34-117		6.45	30	
2-Chlorophenol	2.24	0.250	"	2.50		89.8	32-123		15.3	30	
4-Chlorophenyl phenyl ether	2.95	0.250	"	2.50		118	25-142		3.01	30	
Chrysene	2.41	0.250	"	2.50		96.3	38-132		7.46	30	
Dibenzo(a,h)anthracene	2.56	0.250	"	2.50		102	14-153		0.741	30	
Dibenzofuran	2.90	0.250	"	2.50		116	39-123		4.45	30	
Di-n-butyl phthalate	2.72	0.250	"	2.50		109	35-132		0.240	30	
3,3'-Dichlorobenzidine	2.49	0.500	"	2.50		99.7	16-177		2.74	30	
2,4-Dichlorophenol	2.40	0.250	"	2.50		96.1	30-134		0.188	30	
Diethyl phthalate	2.65	0.250	"	2.50		106	41-125		6.48	30	
2,4-Dimethylphenol	2.31	0.250	"	2.50		92.6	33-120		10.3	30	
Dimethyl phthalate	2.37	0.250	"	2.50		94.7	39-125		3.63	30	
4,6-Dinitro-2-methylphenol	2.76	0.250	"	2.50		110	10-165		3.54	30	
2,4-Dinitrophenol	2.11	0.500	"	2.50		84.5	53-209		4.15	30	
2,4-Dinitrotoluene	2.46	0.250	"	2.50		98.3	41-129		5.14	30	
2,6-Dinitrotoluene	2.36	0.250	"	2.50		94.3	42-130		8.16	30	
Di-n-octyl phthalate	3.16	0.250	"	2.50		126	19-162		3.30	30	
Bis(2-ethylhexyl)phthalate	2.67	0.250	"	2.50		107	35-137		5.39	30	
Fluoranthene	2.67	0.250	"	2.50		107	35-136		3.08	30	
Fluorene	3.02	0.250	"	2.50		121	33-134		3.19	30	
Hexachlorobenzene	2.93	0.250	"	2.50		117	31-139		2.95	30	
Hexachlorobutadiene	2.26	0.250	"	2.50		90.4	19-137		7.29	30	
Hexachlorocyclopentadiene	2.07	0.250	"	2.50		82.9	10-145		6.40	30	
Hexachloroethane	2.21	0.250	"	2.50		88.3	12-125		13.3	30	
Indeno(1,2,3-cd)pyrene	2.57	0.250	"	2.50		103	11-155		2.27	30	
Isophorone	2.30	0.250	"	2.50		92.2	30-125		4.33	30	
2-Methylnaphthalene	2.74	0.250	"	2.50		109	30-125		10.5	30	
2-Methylphenol	2.59	0.250	"	2.50		104	30-128		13.8	30	
3- & 4-Methylphenols	2.29	0.250	"	2.50		91.7	30-120		14.6	30	
Naphthalene	2.49	0.250	"	2.50		99.5	28-121		6.03	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

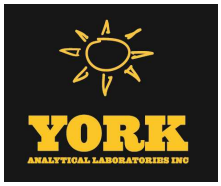
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40266 - EPA 3545A											
LCS Dup (BA40266-BSD1)									Prepared: 01/09/2014 Analyzed: 01/10/2014		
4-Nitroaniline	1.69	0.250	mg/kg wet	2.50		67.7	10-208		15.8	30	
2-Nitroaniline	2.56	0.250	"	2.50		102	38-130		1.80	30	
3-Nitroaniline	2.06	0.250	"	2.50		82.5	10-234		5.81	30	
Nitrobenzene	2.30	0.250	"	2.50		91.9	28-118		5.05	30	
2-Nitrophenol	2.25	0.250	"	2.50		89.9	23-129		0.576	30	
4-Nitrophenol	3.36	0.250	"	2.50		135	10-185		6.46	30	
N-nitroso-di-n-propylamine	2.37	0.250	"	2.50		94.9	21-136		14.2	30	
N-Nitrosodiphenylamine	3.61	0.250	"	2.50		144	36-163		1.62	30	
Pentachlorophenol	2.50	0.250	"	2.50		99.9	15-182		0.877	30	
Phenanthrene	2.70	0.250	"	2.50		108	37-132		1.23	30	
Phenol	2.64	0.250	"	2.50		106	28-124		10.7	30	
Pyrene	2.54	0.250	"	2.50		102	30-147		7.63	30	
1,2,4,5-Tetrachlorobenzene	2.48	0.250	"	2.50		99.3	40-140		2.58	30	
2,3,4,6-Tetrachlorophenol	ND	0.250	"				30-130			30	
2,4,6-Trichlorophenol	2.43	0.250	"	2.50		97.3	36-130		7.69	30	
2,4,5-Trichlorophenol	2.63	0.250	"	2.50		105	34-126		6.96	30	
Surrogate: 2-Fluorophenol	*3.98*		*"*	*3.75*		*106*	*10-109*				
Surrogate: Phenol-d5	*4.19*		*"*	*3.76*		*112*	*10-124*				
Surrogate: Nitrobenzene-d5	*2.16*		*"*	*2.51*		*85.9*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*2.40*		*"*	*2.50*		*96.0*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*3.80*		*"*	*3.76*		*101*	*10-142*				
Surrogate: Terphenyl-d14	*2.40*		*"*	*2.50*		*95.9*	*10-147*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40223 - EPA 3550C											
Blank (BA40223-BLK1)											
Prepared: 01/09/2014 Analyzed: 01/10/2014											
Toxaphene	ND	0.0167	mg/kg wet								
Methoxychlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
delta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00132	"								
beta-BHC	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
Aldrin	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
4,4'-DDE	ND	0.000330	"								
4,4'-DDD	ND	0.000330	"								
Aroclor 1260	ND	0.0170	"								
Aroclor 1254	ND	0.0170	"								
Aroclor 1248	ND	0.0170	"								
Aroclor 1242	ND	0.0170	"								
Aroclor 1232	ND	0.0170	"								
Aroclor 1221	ND	0.0170	"								
Aroclor 1016	ND	0.0170	"								
Total PCBs	ND	0.0170	"								
Surrogate: Tetrachloro-m-xylene	*0.0517*		"	*0.0663*		*78.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0466*		"	*0.0663*		*70.2*	*30-140*				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40223 - EPA 3550C											
LCS (BA40223-BS1)									Prepared: 01/09/2014 Analyzed: 01/10/2014		
Methoxychlor	0.0247	0.00165	mg/kg wet	0.0333		74.0	40-140				
Heptachlor epoxide	0.0252	0.000330	"	0.0333		75.6	40-140				
Heptachlor	0.0245	0.000330	"	0.0333		73.6	40-140				
gamma-BHC (Lindane)	0.0258	0.000330	"	0.0333		77.4	40-140				
Endrin ketone	0.0265	0.000330	"	0.0333		79.6	40-140				
Endrin aldehyde	0.0205	0.000330	"	0.0333		61.4	40-140				
Endrin	0.0281	0.000330	"	0.0333		84.4	40-140				
Endosulfan sulfate	0.0261	0.000330	"	0.0333		78.3	40-140				
Endosulfan II	0.0280	0.000330	"	0.0333		83.9	40-140				
Endosulfan I	0.0257	0.000330	"	0.0333		77.0	40-140				
Dieldrin	0.0298	0.000330	"	0.0333		89.3	40-140				
delta-BHC	0.0255	0.000330	"	0.0333		76.5	40-140				
beta-BHC	0.0265	0.000330	"	0.0333		79.5	40-140				
alpha-BHC	0.0265	0.000330	"	0.0333		79.5	40-140				
Aldrin	0.0260	0.000330	"	0.0333		77.9	40-140				
4,4'-DDT	0.0302	0.000330	"	0.0333		90.5	40-140				
4,4'-DDE	0.0238	0.000330	"	0.0333		71.4	40-140				
4,4'-DDD	0.0295	0.000330	"	0.0333		88.5	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0584*		*"*	*0.0663*		*88.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0501*		*"*	*0.0663*		*75.5*	*30-140*				
LCS (BA40223-BS2)									Prepared: 01/09/2014 Analyzed: 01/13/2014		
Aroclor 1260	0.203	0.0170	mg/kg wet	0.333		60.8	40-130				
Aroclor 1016	0.212	0.0170	"	0.333		63.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0413*		*"*	*0.0663*		*62.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0403*		*"*	*0.0663*		*60.8*	*30-140*				
LCS Dup (BA40223-BSD1)									Prepared: 01/09/2014 Analyzed: 01/10/2014		
Methoxychlor	0.0252	0.00165	mg/kg wet	0.0333		75.6	40-140		2.19	30	
Heptachlor epoxide	0.0263	0.000330	"	0.0333		78.9	40-140		4.24	30	
Heptachlor	0.0256	0.000330	"	0.0333		76.7	40-140		4.11	30	
gamma-BHC (Lindane)	0.0268	0.000330	"	0.0333		80.3	40-140		3.74	30	
Endrin ketone	0.0277	0.000330	"	0.0333		83.0	40-140		4.23	30	
Endrin aldehyde	0.0200	0.000330	"	0.0333		59.9	40-140		2.51	30	
Endrin	0.0284	0.000330	"	0.0333		85.1	40-140		0.840	30	
Endosulfan sulfate	0.0258	0.000330	"	0.0333		77.4	40-140		1.08	30	
Endosulfan II	0.0285	0.000330	"	0.0333		85.6	40-140		2.01	30	
Endosulfan I	0.0274	0.000330	"	0.0333		82.1	40-140		6.46	30	
Dieldrin	0.0323	0.000330	"	0.0333		96.9	40-140		8.13	30	
delta-BHC	0.0257	0.000330	"	0.0333		77.1	40-140		0.699	30	
beta-BHC	0.0274	0.000330	"	0.0333		82.1	40-140		3.23	30	
alpha-BHC	0.0276	0.000330	"	0.0333		82.7	40-140		3.91	30	
Aldrin	0.0271	0.000330	"	0.0333		81.3	40-140		4.25	30	
4,4'-DDT	0.0305	0.000330	"	0.0333		91.6	40-140		1.19	30	
4,4'-DDE	0.0252	0.000330	"	0.0333		75.6	40-140		5.60	30	
4,4'-DDD	0.0291	0.000330	"	0.0333		87.3	40-140		1.40	30	
Surrogate: Tetrachloro-m-xylene	*0.0590*		*"*	*0.0663*		*89.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0529*		*"*	*0.0663*		*79.7*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40223 - EPA 3550C											
LCS Dup (BA40223-BSD2)									Prepared: 01/09/2014 Analyzed: 01/13/2014		
Aroclor 1260	0.246	0.0170	mg/kg wet	0.333		73.9	40-130		19.5	25	
Aroclor 1016	0.257	0.0170	"	0.333		77.2	40-130		19.4	25	
Surrogate: Tetrachloro-m-xylene	*0.0503*		*"*	*0.0663*		*75.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0480*		*"*	*0.0663*		*72.4*	*30-140*				
Matrix Spike (BA40223-MS1)	*Source sample: 14A0168-06 (LSB-6/006)								Prepared: 01/09/2014 Analyzed: 01/10/2014		
Methoxychlor	0.0217	0.00947	mg/kg dry	0.0382	ND	56.8	30-150				
Heptachlor epoxide	0.0175	0.00189	"	0.0382	ND	45.8	30-150				
Heptachlor	0.0163	0.00189	"	0.0382	ND	42.7	30-150				
gamma-BHC (Lindane)	0.0173	0.00189	"	0.0382	ND	45.2	30-150				
Endrin ketone	0.0380	0.00189	"	0.0382	ND	99.4	30-150				
Endrin aldehyde	0.0200	0.00189	"	0.0382	ND	52.3	30-150				
Endrin	0.0189	0.00189	"	0.0382	ND	49.5	30-150				
Endosulfan sulfate	0.0199	0.00189	"	0.0382	ND	52.1	30-150				
Endosulfan II	0.0164	0.00189	"	0.0382	ND	42.8	30-150				
Endosulfan I	0.0160	0.00189	"	0.0382	ND	42.0	30-150				
Dieldrin	0.0192	0.00189	"	0.0382	ND	50.3	30-150				
delta-BHC	0.0145	0.00189	"	0.0382	ND	37.9	30-150				
beta-BHC	0.0176	0.00189	"	0.0382	ND	45.9	30-150				
alpha-BHC	0.0199	0.00189	"	0.0382	ND	52.1	30-150				
Aldrin	0.0183	0.00189	"	0.0382	ND	47.9	30-150				
4,4'-DDT	0.0183	0.00189	"	0.0382	ND	47.8	30-150				
4,4'-DDE	0.0229	0.00189	"	0.0382	ND	59.8	30-150				
4,4'-DDD	0.0177	0.00189	"	0.0382	ND	46.3	30-150				
Surrogate: Tetrachloro-m-xylene	*0.0435*		*"*	*0.0761*		*57.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0546*		*"*	*0.0761*		*71.8*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40238 - EPA SW846-3510C Low Level											
Blank (BA40238-BLK1)									Prepared: 01/09/2014 Analyzed: 01/10/2014		
Toxaphene	ND	0.100	ug/L								
Methoxychlor	ND	0.00100	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin ketone	ND	0.00100	"								
Endrin aldehyde	ND	0.00100	"								
Endrin	ND	0.00100	"								
Endosulfan sulfate	ND	0.00100	"								
Endosulfan II	ND	0.00100	"								
Endosulfan I	ND	0.00100	"								
Dieldrin	ND	0.00100	"								
delta-BHC	ND	0.00100	"								
Chlordane, total	ND	0.0400	"								
beta-BHC	ND	0.00100	"								
alpha-BHC	ND	0.00100	"								
Aldrin	ND	0.00100	"								
4,4'-DDT	ND	0.00100	"								
4,4'-DDE	ND	0.00100	"								
4,4'-DDD	ND	0.00100	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0701*		*"*	*0.199*		*35.2*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.118*		*"*	*0.199*		*59.2*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40238 - EPA SW846-3510C Low Level											
LCS (BA40238-BS1)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
Methoxychlor	0.0645	0.00100	ug/L	0.100		64.5	40-120				
Heptachlor epoxide	0.0445	0.00100	"	0.100		44.5	40-120				
Heptachlor	0.0373	0.00100	"	0.100		37.3	40-120	Low Bias			
gamma-BHC (Lindane)	0.0385	0.00100	"	0.100		38.5	40-120	Low Bias			
Endrin ketone	0.0756	0.00100	"	0.100		75.6	40-120				
Endrin aldehyde	0.0684	0.00100	"	0.100		68.4	40-120				
Endrin	0.0569	0.00100	"	0.100		56.9	40-120				
Endosulfan sulfate	0.0643	0.00100	"	0.100		64.3	40-120				
Endosulfan II	0.0591	0.00100	"	0.100		59.1	40-120				
Endosulfan I	0.0487	0.00100	"	0.100		48.7	40-120				
Dieldrin	0.0585	0.00100	"	0.100		58.5	40-120				
delta-BHC	0.0352	0.00100	"	0.100		35.2	40-120	Low Bias			
beta-BHC	0.0427	0.00100	"	0.100		42.7	40-120				
alpha-BHC	0.0377	0.00100	"	0.100		37.7	40-120	Low Bias			
Aldrin	0.0388	0.00100	"	0.100		38.8	40-120	Low Bias			
4,4'-DDT	0.0709	0.00100	"	0.100		70.9	40-120				
4,4'-DDE	0.0551	0.00100	"	0.100		55.1	40-120				
4,4'-DDD	0.0640	0.00100	"	0.100		64.0	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0796*		*"*	*0.199*		*40.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.121*		*"*	*0.199*		*60.9*	*30-120*				
LCS (BA40238-BS2)								Prepared: 01/09/2014 Analyzed: 01/13/2014			
Aroclor 1260	0.636	0.0500	ug/L	1.00		63.6	40-120				
Aroclor 1016	0.738	0.0500	"	1.00		73.8	40-120				
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.199*		*68.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.126*		*"*	*0.199*		*63.3*	*30-120*				
LCS Dup (BA40238-BSD1)								Prepared: 01/09/2014 Analyzed: 01/10/2014			
Methoxychlor	0.0638	0.00100	ug/L	0.100		63.8	40-120		1.14	30	
Heptachlor epoxide	0.0446	0.00100	"	0.100		44.6	40-120		0.209	30	
Heptachlor	0.0367	0.00100	"	0.100		36.7	40-120	Low Bias	1.62	30	
gamma-BHC (Lindane)	0.0380	0.00100	"	0.100		38.0	40-120	Low Bias	1.35	30	
Endrin ketone	0.0741	0.00100	"	0.100		74.1	40-120		2.04	30	
Endrin aldehyde	0.0675	0.00100	"	0.100		67.5	40-120		1.35	30	
Endrin	0.0565	0.00100	"	0.100		56.5	40-120		0.801	30	
Endosulfan sulfate	0.0631	0.00100	"	0.100		63.1	40-120		1.83	30	
Endosulfan II	0.0580	0.00100	"	0.100		58.0	40-120		1.90	30	
Endosulfan I	0.0491	0.00100	"	0.100		49.1	40-120		0.807	30	
Dieldrin	0.0584	0.00100	"	0.100		58.4	40-120		0.296	30	
delta-BHC	0.0342	0.00100	"	0.100		34.2	40-120	Low Bias	3.03	30	
beta-BHC	0.0422	0.00100	"	0.100		42.2	40-120		0.963	30	
alpha-BHC	0.0374	0.00100	"	0.100		37.4	40-120	Low Bias	0.824	30	
Aldrin	0.0382	0.00100	"	0.100		38.2	40-120	Low Bias	1.59	30	
4,4'-DDT	0.0684	0.00100	"	0.100		68.4	40-120		3.63	30	
4,4'-DDE	0.0535	0.00100	"	0.100		53.5	40-120		2.98	30	
4,4'-DDD	0.0619	0.00100	"	0.100		61.9	40-120		3.31	30	
Surrogate: Tetrachloro-m-xylene	*0.0787*		*"*	*0.199*		*39.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.117*		*"*	*0.199*		*58.8*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40238 - EPA SW846-3510C Low Level											
LCS Dup (BA40238-BSD2)									Prepared: 01/09/2014 Analyzed: 01/13/2014		
Aroclor 1260	0.727	0.0500	ug/L	1.00		72.7	40-120		13.3	30	
Aroclor 1016	0.889	0.0500	"	1.00		88.9	40-120		18.6	30	
Surrogate: Tetrachloro-m-xylene	*0.156*		*"*	*0.199*		*78.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.149*		*"*	*0.199*		*74.9*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40259 - EPA 3010A											
Blank (BA40259-BLK1)											Prepared & Analyzed: 01/09/2014
Aluminum	ND	10	ug/L								
Antimony	ND	5	"								
Arsenic	ND	4	"								
Barium	ND	10	"								
Beryllium	ND	1	"								
Cadmium	ND	3	"								
Calcium	ND	50	"								
Chromium	ND	5	"								
Cobalt	ND	5	"								
Copper	ND	3	"								
Iron	ND	20	"								
Lead	ND	3	"								
Magnesium	ND	50	"								
Manganese	ND	5	"								
Nickel	ND	5	"								
Potassium	ND	50	"								
Selenium	ND	10	"								
Silver	ND	5	"								
Sodium	ND	100	"								
Thallium	ND	5	"								
Vanadium	ND	10	"								
Zinc	ND	10	"								
Reference (BA40259-SRM1)											Prepared & Analyzed: 01/09/2014
Aluminum	437	10	ug/L	419		104	75.9-124				
Antimony	441	5	"	435		101	69.4-121				
Arsenic	316	4	"	341		92.8	83.3-118				
Barium	1220	10	"	1180		104	86.4-113				
Beryllium	72	1	"	74.9		95.9	83.3-113				
Cadmium	81	3	"	85.4		94.5	84.4-115				
Chromium	637	5	"	644		98.8	87.1-113				
Cobalt	386	5	"	351		110	87.7-112				
Copper	514	3	"	521		98.6	90-110				
Iron	1380	20	"	1440		95.9	88.2-113				
Lead	525	3	"	517		102	87-113				
Manganese	1810	5	"	1730		104	90.2-111				
Nickel	1500	5	"	1520		98.4	90.1-112				
Selenium	338	10	"	362		93.4	78.7-116				
Silver	194	5	"	210		92.1	85.7-115				
Thallium	371	5	"	358		104	77.9-122				
Vanadium	1440	10	"	1510		95.4	87.4-112				
Zinc	1660	10	"	1690		98.3	85.8-114				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40259 - EPA 3010A											
Reference (BA40259-SRM2)								Prepared & Analyzed: 01/09/2014			
Calcium	61300	50	ug/L	62700		97.7	86-114				
Magnesium	27700	50	"	29000		95.7	86.2-114				
Potassium	31900	50	"	32400		98.4	85.2-115				
Sodium	82500	100	"	85100		96.9	85-115				
Batch BA40263 - EPA 3050B											
Blank (BA40263-BLK1)								Prepared & Analyzed: 01/09/2014			
Aluminum	ND	1.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40263 - EPA 3050B											
Duplicate (BA40263-DUP1)	*Source sample: 14A0168-07 (LSB-7/007)							Prepared & Analyzed: 01/09/2014			
Aluminum	4180	1.19	mg/kg dry		4180				0.0138	35	
Antimony	ND	0.594	"		0.792					35	
Arsenic	2.04	1.19	"		2.18				6.35	35	
Barium	51.7	1.19	"		51.6				0.159	35	
Beryllium	ND	0.119	"		ND					35	
Cadmium	ND	0.356	"		ND					35	
Calcium	20000	5.94	"		19900				0.272	35	
Chromium	31.3	0.594	"		31.3				0.0631	35	
Cobalt	3.53	0.594	"		3.48				1.39	35	
Copper	9.21	0.594	"		9.33				1.35	35	
Iron	8090	2.37	"		8160				0.796	35	
Lead	21.7	0.356	"		21.7				0.205	35	
Magnesium	2590	5.94	"		2600				0.399	35	
Manganese	161	0.594	"		161				0.0578	35	
Nickel	7.92	0.594	"		7.87				0.601	35	
Potassium	783	5.94	"		785				0.245	35	
Selenium	1.36	1.19	"		1.53				11.5	35	
Silver	ND	0.594	"		ND					35	
Sodium	224	11.9	"		223				0.431	35	
Thallium	ND	1.19	"		ND					35	
Vanadium	8.47	1.19	"		8.51				0.443	35	
Zinc	23.2	1.19	"		23.2				0.168	35	
Matrix Spike (BA40263-MS1)	*Source sample: 14A0168-07 (LSB-7/007)							Prepared & Analyzed: 01/09/2014			
Aluminum	4430	1.19	mg/kg dry	237	4180	103	75-125				
Antimony	30.4	0.594	"	29.7	0.792	99.6	75-125				
Arsenic	228	1.19	"	237	2.18	95.1	75-125				
Barium	290	1.19	"	237	51.6	100	75-125				
Beryllium	5.16	0.119	"	5.94	ND	87.0	75-125				
Cadmium	5.65	0.356	"	5.94	ND	95.2	75-125				
Chromium	54.4	0.594	"	23.7	31.3	97.2	75-125				
Cobalt	62.4	0.594	"	59.4	3.48	99.2	75-125				
Copper	40.1	0.594	"	29.7	9.33	104	75-125				
Iron	8230	2.37	"	119	8160	58.4	75-125	Low Bias			
Lead	77.6	0.356	"	59.4	21.7	94.2	75-125				
Magnesium	2590	5.94	"		2600		75-125				
Manganese	221	0.594	"	59.4	161	99.9	75-125				
Nickel	68.8	0.594	"	59.4	7.87	103	75-125				
Potassium	782	5.94	"		785		75-125				
Silver	4.34	0.594	"	5.94	ND	73.1	75-125	Low Bias			
Sodium	222	11.9	"		223		75-125				
Thallium	233	1.19	"	237	ND	98.0	75-125				
Vanadium	66.7	1.19	"	59.4	8.51	98.0	75-125				
Zinc	78.9	1.19	"	59.4	23.2	93.8	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40263 - EPA 3050B											
Reference (BA40263-SRM1)								Prepared & Analyzed: 01/09/2014			
Aluminum	7320	1.00	mg/kg wet	9060		80.8	42.6-157				
Antimony	113	0.500	"	106		106	23.1-256				
Arsenic	160	1.00	"	182		88.1	70.9-130				
Barium	129	1.00	"	143		89.9	72.7-128				
Beryllium	90.8	0.100	"	98.3		92.4	74.6-125				
Cadmium	53.7	0.300	"	60.4		88.9	73.2-129				
Calcium	5180	5.00	"	6040		85.8	73.7-126				
Chromium	114	0.500	"	125		91.2	69.8-130				
Cobalt	153	0.500	"	163		94.0	74.2-125				
Copper	77.4	0.500	"	80.1		96.6	73.7-130				
Iron	11900	2.00	"	12900		92.0	32.3-168				
Lead	118	0.300	"	136		86.8	73.1-127				
Magnesium	2260	5.00	"	2640		85.5	64-136				
Manganese	266	0.500	"	279		95.3	74.2-126				
Nickel	126	0.500	"	128		98.2	73.1-130				
Potassium	2250	5.00	"	2820		79.9	62.1-138				
Selenium	77.7	1.00	"	85.9		90.4	63.9-136				
Silver	53.8	0.500	"	61.3		87.7	66.9-133				
Sodium	410	10.0	"	439		93.5	48.3-152				
Thallium	128	1.00	"	144		88.5	68.3-132				
Vanadium	93.4	1.00	"	104		89.8	66-134				
Zinc	179	1.00	"	204		88.0	69.6-133				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40226 - EPA 7473 soil											
Blank (BA40226-BLK1)								Prepared & Analyzed: 01/09/2014			
Mercury	ND	0.000800	mg/kg wet								
Reference (BA40226-SRM1)								Prepared & Analyzed: 01/09/2014			
Mercury	4.10		mg/kg	3.73		110	68.6-131				
Batch BA40288 - EPA 7473 water											
Blank (BA40288-BLK1)								Prepared: 01/10/2014 Analyzed: 01/13/2014			
Mercury	ND	0.20	ug/L								
Duplicate (BA40288-DUP1)	*Source sample: 14A0168-08 (FB-1/008)							Prepared: 01/10/2014 Analyzed: 01/13/2014			
Mercury	ND	0.20	ug/L		ND					20	
Matrix Spike (BA40288-MS1)	*Source sample: 14A0168-08 (FB-1/008)							Prepared: 01/10/2014 Analyzed: 01/13/2014			
Mercury	0.00196		mg/kg	0.00200	ND	98.0	75-125				
Reference (BA40288-SRM1)								Prepared: 01/10/2014 Analyzed: 01/13/2014			
Mercury	0.00216		mg/kg	0.00230		94.0	61.3-135				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14A0168-01	LSB-1/001	40mL Vial with Stir Bar-Cool 4° C
14A0168-02	LSB-2/002	40mL Vial with Stir Bar-Cool 4° C
14A0168-03	LSB-3/003	40mL Vial with Stir Bar-Cool 4° C
14A0168-04	LSB-4/004	40mL Vial with Stir Bar-Cool 4° C
14A0168-05	LSB-5/005	40mL Vial with Stir Bar-Cool 4° C
14A0168-06	LSB-6/006	40mL Vial with Stir Bar-Cool 4° C
14A0168-07	LSB-7/007	40mL Vial with Stir Bar-Cool 4° C
14A0168-08	FB-1/008	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0168-09	DUP (LSB-2DUP)/009	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
M-CCBNS	Analyte in CCB above MDL. Not detected in samples.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for averge Rf or >20% Drift for quadratic fit).

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 14A0168

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type/Deliverbles**
Company: 525 W. 52nd	Company: Langan	Company: Same	525 W 52nd St	RUSH - Same Day ☐	Summary Report ☐
Address:	Address: 619 River Drive, Elmwood Park, NJ, 07407	Address:		RUSH - Next Day ☐	Summary w/ QA Summary ☒
Phone No. 201-794-6900	Phone No.	Phone No.	**Purchase Order No.**	RUSH - Two Day ☐	CT RCP Package ☐
Contact Person: Claire Zaccheo	Attention: Amanda Forsberg	Attention: Claire Zaccheo	100396701	RUSH - Three Day ☐	NY ASP A Package ☐
E-Mail Address:	E-Mail Address: achris@langan.com	E-Mail Address:	Samples from: CT ☐ NY ☐ NJ ☐	RUSH - Four Day ☐	NY ASP B Package ☐
				Standard(5-7 Days) ☒	*Electronic Deliverables:*
					EDD (Specify Type) ☐
					Excel ☒

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Claire Zaccheo
Samples Collected/Authorized By (Signature)

Claire M Zaccheo
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
LSB-1/001	1/7/14 1400	S	TCL VOCs, TCL SVOCs, TCL Pest, PCBs, TAL metals	
LSB-2/002	1308	S		
LSB-3/003	0930	S		
LSB-4/004	1024	S		
LSB-5/005	1135	S		
LSB-6/006	1110	S		
LSB-7/007	1230	S		
FB-1/008	1210	W		
DUP (LSB-2DUP)/009	1310	S		

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Claire Zaccheo 1/7/14 — Samples Relinquished By — Date/Time

___ — Samples Relinquished By — Date/Time

[signature] 1/7/14 550 — Samples Received By — Date/Time

[signature] 1/8/14-1610 — Samples Received in LAB by — Date/Time

Temperature on Receipt 3.7 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Christopher McMahon

Report Date: 01/17/2014
Client Project ID: 525 W 52nd Street
York Project (SDG) No.: 14A0195

Report Date: 01/17/2014
Client Project ID: 525 W 52nd Street
York Project (SDG) No.: 14A0195

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Christopher McMahon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 09, 2014 and listed below. The project was identified as your project: **525 W 52nd Street**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14A0195-01	LMW-3/001	Water	01/08/2014	01/09/2014
14A0195-02	LMW-4/002	Water	01/08/2014	01/09/2014
14A0195-03	LMW-4 dup/003	Water	01/08/2014	01/09/2014
14A0195-04	FB-2/004	Water	01/08/2014	01/09/2014
14A0195-05	LMW-3/019	Water	01/09/2014	01/09/2014

General Notes for York Project (SDG) No.: 14A0195

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 01/17/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: LMW-3/001 **York Sample ID:** 14A0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 10:55 am	01/09/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
67-64-1	Acetone	**2.5**	CCV-E	ug/L	1.0	2.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-15-0	Carbon disulfide	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK

Sample Information

Client Sample ID: LMW-3/001 **York Sample ID:** 14A0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 10:55 am	01/09/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
95-47-6	o-Xylene	**0.33**	J	ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
179601-23-1	p- & m- Xylenes	**0.57**	J	ug/L	0.50	1.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
108-88-3	Toluene	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK
1330-20-7	Xylenes, Total	**0.90**	J	ug/L	0.60	1.5	1	EPA 8260C	01/10/2014 09:01	01/10/2014 12:41	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*79-133*
2037-26-5	*Surrogate: Toluene-d8*	*96.3 %*	*80-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.5 %*	*65-133*

Sample Information

Client Sample ID: LMW-3/001 **York Sample ID:** 14A0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 10:55 am	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**2.48**		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
208-96-8	Acenaphthylene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
98-86-2	Acetophenone	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
120-12-7	Anthracene	**1.07**		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
1912-24-9	Atrazine	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
100-52-7	Benzaldehyde	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
105-60-2	Caprolactam	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
86-74-8	Carbazole	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
106-47-8	4-Chloroaniline	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
95-57-8	2-Chlorophenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
218-01-9	Chrysene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
132-64-9	Dibenzofuran	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
84-66-2	Diethyl phthalate	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR

Sample Information

Client Sample ID: LMW-3/001 **York Sample ID:** 14A0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 10:55 am	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
131-11-3	Dimethyl phthalate	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.211	0.211	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**0.842**		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
206-44-0	Fluoranthene	**1.07**		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
86-73-7	Fluorene	**1.39**		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0421	0.0421	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
67-72-1	Hexachloroethane	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
78-59-1	Isophorone	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
91-57-6	2-Methylnaphthalene	**6.97**	J	ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
95-48-7	2-Methylphenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
91-20-3	Naphthalene	**19.0**		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
99-09-2	3-Nitroaniline	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
100-01-6	4-Nitroaniline	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
88-74-4	2-Nitroaniline	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
98-95-3	Nitrobenzene	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
100-02-7	4-Nitrophenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
88-75-5	2-Nitrophenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
85-01-8	Phenanthrene	**5.73**		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR
108-95-2	Phenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
129-00-0	Pyrene	**1.09**		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 13:31	SR

Sample Information

Client Sample ID: LMW-3/001 **York Sample ID:** 14A0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 10:55 am	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.26	10.5	1	EPA 8270D	01/10/2014 12:00	01/10/2014 16:56	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*25.7 %*	*10-52*
4165-62-2	*Surrogate: Phenol-d5*	*21.1 %*	*10-117*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.4 %*	*12-112*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.4 %*	*14-101*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*80.8 %*	*17-127*
1718-51-0	*Surrogate: Terphenyl-d14*	*92.2 %*	*10-151*

Aluminum by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**2090**		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 17:58	MW

Aluminum, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**20.7**		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:17	MW

Beryllium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	1.00	1.00	1	EPA 6010C	01/10/2014 13:26	01/10/2014 17:58	MW

Beryllium, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	1.00	1.00	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:17	MW

Iron by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1360**		ug/L	20.0	20.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 17:58	MW

Sample Information

Client Sample ID: LMW-3/001 **York Sample ID:** 14A0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 10:55 am	01/09/2014

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		ug/L	20.0	20.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:17	MW

Manganese by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	**65.0**		ug/L	5.00	5.00	1	EPA 6010C	01/10/2014 13:26	01/10/2014 17:58	MW

Manganese, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	**8.54**		ug/L	5.00	5.00	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:17	MW

Metals, Cations by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	**199000**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 17:58	MW
7439-95-4	Magnesium	**18700**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 17:58	MW
7440-09-7	Potassium	**37600**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 17:58	MW
7440-23-5	Sodium	**214000**		ug/L	100	100	1	EPA 6010C	01/10/2014 13:26	01/10/2014 17:58	MW

Metals, Cations by EPA 6010, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	**141000**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:17	MW
7439-95-4	Magnesium	**17800**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:17	MW
7440-09-7	Potassium	**37800**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:17	MW
7440-23-5	Sodium	**216000**		ug/L	100	100	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:17	MW

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7440-38-2	Arsenic	**3.59**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7440-39-3	Barium	**143**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7440-43-9	Cadmium	ND		ug/L	0.500	0.500	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7440-47-3	Chromium	**6.20**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7440-48-4	Cobalt	**1.48**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW

Sample Information

Client Sample ID: LMW-3/001 **York Sample ID:** 14A0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 10:55 am	01/09/2014

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	**6.26**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7439-92-1	Lead	**9.70**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7440-02-0	Nickel	**9.75**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7782-49-2	Selenium	**7.08**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7440-22-4	Silver	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7440-28-0	Thallium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW
7440-66-6	Zinc	**18.6**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:33	MW

Vanadium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 17:58	MW

Vanadium, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:17	MW

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-38-2	Arsenic	**2.97**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-39-3	Barium	**99.1**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-43-9	Cadmium	ND		ug/L	0.500	0.500	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-47-3	Chromium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-48-4	Cobalt	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-50-8	Copper	**3.71**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7439-92-1	Lead	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-02-0	Nickel	**5.27**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7782-49-2	Selenium	**7.04**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-22-4	Silver	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-28-0	Thallium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW
7440-66-6	Zinc	**2.76**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 13:52	MW

Sample Information

Client Sample ID: LMW-3/001 **York Sample ID:** 14A0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 10:55 am	01/09/2014

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	01/10/2014 09:35	01/13/2014 07:11	ALD

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	01/10/2014 09:35	01/13/2014 07:11	ALD

Sample Information

Client Sample ID: LMW-4/002 **York Sample ID:** 14A0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:10 pm	01/09/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK

Sample Information

Client Sample ID: LMW-4/002 **York Sample ID:** 14A0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:10 pm	01/09/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:23	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*123 %*	*79-133*
2037-26-5	*Surrogate: Toluene-d8*	*94.7 %*	*80-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.1 %*	*65-133*

Sample Information

Client Sample ID: LMW-4/002 **York Sample ID:** 14A0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:10 pm	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
1912-24-9	Atrazine	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR

Sample Information

Client Sample ID: LMW-4/002 **York Sample ID:** 14A0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:10 pm	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**0.179**		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
67-72-1	Hexachloroethane	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
98-95-3	Nitrobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR

Sample Information

Client Sample ID: **LMW-4/002** **York Sample ID:** **14A0195-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:10 pm	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:03	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:28	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*20.7 %*	*10-52*
4165-62-2	*Surrogate: Phenol-d5*	*15.1 %*	*10-117*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.2 %*	*12-112*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.4 %*	*14-101*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*85.3 %*	*17-127*
1718-51-0	*Surrogate: Terphenyl-d14*	*92.1 %*	*10-151*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
72-43-5	Methoxychlor	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
76-44-8	Heptachlor	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
72-20-8	Endrin	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
959-98-8	Endosulfan I	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
60-57-1	Dieldrin	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
319-86-8	delta-BHC	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
319-85-7	beta-BHC	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
319-84-6	alpha-BHC	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW

Sample Information

Client Sample ID: LMW-4/002 **York Sample ID:** 14A0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:10 pm	01/09/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 11:48	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0444	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:58	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0444	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:58	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:58	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:58	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:58	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:58	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:58	JW
1336-36-3	Total PCBs	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:58	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.2 %*	*30-120*

Aluminum by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**678**		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:15	MW

Aluminum, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:34	MW

Beryllium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	1.00	1.00	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:15	MW

Beryllium, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: LMW-4/002 **York Sample ID:** 14A0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:10 pm	01/09/2014

Beryllium, Dissolved by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	1.00	1.00	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:34	MW

Iron by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**900**		ug/L	20.0	20.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:15	MW

Iron, Dissolved by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		ug/L	20.0	20.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:34	MW

Manganese by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	**102**		ug/L	5.00	5.00	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:15	MW

Manganese, Dissolved by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	**92.3**		ug/L	5.00	5.00	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:34	MW

Metals, Cations by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	**341000**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:15	MW
7439-95-4	Magnesium	**38000**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:15	MW
7440-09-7	Potassium	**27600**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:15	MW
7440-23-5	Sodium	**612000**		ug/L	1000	1000	10	EPA 6010C	01/10/2014 13:26	01/10/2014 18:15	MW

Metals, Cations by EPA 6010, Dissolved

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	**338000**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:34	MW
7439-95-4	Magnesium	**37800**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:34	MW
7440-09-7	Potassium	**28100**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:34	MW
7440-23-5	Sodium	**629000**		ug/L	1000	1000	10	EPA 6010C	01/10/2014 13:20	01/10/2014 16:34	MW

Sample Information

Client Sample ID: LMW-4/002 **York Sample ID:** 14A0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:10 pm	01/09/2014

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**2.36**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-38-2	Arsenic	**4.92**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-39-3	Barium	**252**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-43-9	Cadmium	ND		ug/L	0.500	0.500	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-47-3	Chromium	**10.9**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-48-4	Cobalt	**1.17**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-50-8	Copper	**16.2**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7439-92-1	Lead	**20.3**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-02-0	Nickel	**15.1**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7782-49-2	Selenium	**17.3**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-22-4	Silver	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-28-0	Thallium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW
7440-66-6	Zinc	**41.6**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:07	MW

Vanadium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:15	MW

Vanadium, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:34	MW

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**2.67**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7440-38-2	Arsenic	**4.62**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7440-39-3	Barium	**264**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7440-43-9	Cadmium	ND		ug/L	0.500	0.500	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7440-47-3	Chromium	**4.80**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7440-48-4	Cobalt	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7440-50-8	Copper	**14.3**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7439-92-1	Lead	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW

Sample Information

Client Sample ID: LMW-4/002 **York Sample ID:** 14A0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:10 pm	01/09/2014

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	**13.8**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7782-49-2	Selenium	**17.4**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7440-22-4	Silver	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7440-28-0	Thallium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW
7440-66-6	Zinc	**24.5**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:13	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	01/10/2014 09:35	01/13/2014 07:11	ALD

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	01/10/2014 09:35	01/13/2014 07:11	ALD

Sample Information

Client Sample ID: **LMW-4 dup/003** **York Sample ID:** **14A0195-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:20 pm	01/09/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
67-66-3	Chloroform	**0.35**	J	ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK

Sample Information

Client Sample ID: LMW-4 dup/003 **York Sample ID:** 14A0195-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:20 pm	01/09/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/10/2014 09:01	01/10/2014 13:59	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*79-133*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*80-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.5 %*	*65-133*

Sample Information

Client Sample ID: LMW-4 dup/003 **York Sample ID:** 14A0195-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:20 pm	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
1912-24-9	Atrazine	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR

Sample Information

Client Sample ID: LMW-4 dup/003 **York Sample ID:** 14A0195-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:20 pm	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.105	0.105	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**0.211**		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
67-72-1	Hexachloroethane	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
98-95-3	Nitrobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR

Sample Information

Client Sample ID: LMW-4 dup/003 **York Sample ID:** 14A0195-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:20 pm	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	01/10/2014 12:00	01/13/2014 14:35	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	01/10/2014 12:00	01/10/2014 17:59	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*17.3 %*	*10-52*
4165-62-2	*Surrogate: Phenol-d5*	*12.2 %*	*10-117*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.3 %*	*12-112*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.7 %*	*14-101*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*70.7 %*	*17-127*
1718-51-0	*Surrogate: Terphenyl-d14*	*78.3 %*	*10-151*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
72-43-5	Methoxychlor	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
76-44-8	Heptachlor	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
72-20-8	Endrin	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
959-98-8	Endosulfan I	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
60-57-1	Dieldrin	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
319-86-8	delta-BHC	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
319-85-7	beta-BHC	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
319-84-6	alpha-BHC	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW

Sample Information

Client Sample ID: LMW-4 dup/003 **York Sample ID:** 14A0195-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:20 pm	01/09/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:03	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0444	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:17	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0444	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:17	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:17	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:17	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:17	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:17	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:17	JW
1336-36-3	Total PCBs	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:17	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*30.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.0 %*	*30-120*

Aluminum by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:20	MW

Aluminum, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:52	MW

Beryllium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	1.00	1.00	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:20	MW

Beryllium, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: LMW-4 dup/003 **York Sample ID:** 14A0195-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:20 pm	01/09/2014

Beryllium, Dissolved by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	1.00	1.00	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:52	MW

Iron by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**147**		ug/L	20.0	20.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:20	MW

Iron, Dissolved by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		ug/L	20.0	20.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:52	MW

Manganese by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	**41.9**		ug/L	5.00	5.00	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:20	MW

Manganese, Dissolved by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	**42.0**		ug/L	5.00	5.00	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:52	MW

Metals, Cations by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	**332000**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:20	MW
7439-95-4	Magnesium	**36600**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:20	MW
7440-09-7	Potassium	**27400**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:20	MW
7440-23-5	Sodium	**641000**		ug/L	1000	1000	10	EPA 6010C	01/10/2014 13:26	01/10/2014 18:20	MW

Metals, Cations by EPA 6010, Dissolved

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	**338000**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:52	MW
7439-95-4	Magnesium	**36900**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:52	MW
7440-09-7	Potassium	**27800**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:52	MW
7440-23-5	Sodium	**612000**		ug/L	1000	1000	10	EPA 6010C	01/10/2014 13:20	01/10/2014 16:52	MW

Sample Information

Client Sample ID: LMW-4 dup/003 **York Sample ID:** 14A0195-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:20 pm	01/09/2014

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**1.45**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-38-2	Arsenic	**4.76**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-39-3	Barium	**257**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-43-9	Cadmium	ND		ug/L	0.500	0.500	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-47-3	Chromium	**7.58**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-48-4	Cobalt	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-50-8	Copper	**16.9**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7439-92-1	Lead	**1.76**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-02-0	Nickel	**14.6**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7782-49-2	Selenium	**16.8**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-22-4	Silver	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-28-0	Thallium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW
7440-66-6	Zinc	**36.1**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:14	MW

Vanadium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:20	MW

Vanadium, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:52	MW

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**1.57**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7440-38-2	Arsenic	**5.10**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7440-39-3	Barium	**244**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7440-43-9	Cadmium	ND		ug/L	0.500	0.500	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7440-47-3	Chromium	**4.11**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7440-48-4	Cobalt	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7440-50-8	Copper	**16.6**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7439-92-1	Lead	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW

Sample Information

Client Sample ID: LMW-4 dup/003 **York Sample ID:** 14A0195-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 1:20 pm	01/09/2014

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	**14.4**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7782-49-2	Selenium	**17.2**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7440-22-4	Silver	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7440-28-0	Thallium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW
7440-66-6	Zinc	**37.5**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:20	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	01/10/2014 09:35	01/13/2014 07:11	ALD

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	01/10/2014 09:35	01/13/2014 07:11	ALD

Sample Information

Client Sample ID: FB-2/004 **York Sample ID:** 14A0195-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 11:53 am	01/09/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK

Sample Information

Client Sample ID: FB-2/004 **York Sample ID:** 14A0195-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 11:53 am	01/09/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/10/2014 09:01	01/10/2014 14:36	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*118 %*	*79-133*
2037-26-5	*Surrogate: Toluene-d8*	*95.8 %*	*80-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.3 %*	*65-133*

Sample Information

Client Sample ID: FB-2/004 **York Sample ID:** 14A0195-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 11:53 am	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
1912-24-9	Atrazine	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR

Sample Information

Client Sample ID: FB-2/004 **York Sample ID:** 14A0195-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 11:53 am	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	0.103	0.103	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**0.369**		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
67-72-1	Hexachloroethane	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
98-95-3	Nitrobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR

Sample Information

Client Sample ID: FB-2/004 **York Sample ID:** 14A0195-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 11:53 am	01/09/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	01/10/2014 12:00	01/13/2014 15:07	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	01/10/2014 12:00	01/10/2014 18:30	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.6 %*	*10-52*
4165-62-2	*Surrogate: Phenol-d5*	*15.1 %*	*10-117*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*70.3 %*	*12-112*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.2 %*	*14-101*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*84.3 %*	*17-127*
1718-51-0	*Surrogate: Terphenyl-d14*	*98.4 %*	*10-151*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
72-43-5	Methoxychlor	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW

Sample Information

Client Sample ID: FB-2/004 **York Sample ID:** 14A0195-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 11:53 am	01/09/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 12:18	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:36	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:36	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:36	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:36	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:36	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:36	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:36	JW
1336-36-3	Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	01/10/2014 15:00	01/13/2014 13:36	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.4 %*	*30-120*

Aluminum by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:25	MW

Aluminum, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:57	MW

Beryllium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	1.00	1.00	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:25	MW

Beryllium, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: FB-2/004 **York Sample ID:** 14A0195-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 11:53 am	01/09/2014

Beryllium, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	1.00	1.00	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:57	MW

Iron by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		ug/L	20.0	20.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:25	MW

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		ug/L	20.0	20.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:57	MW

Manganese by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		ug/L	5.00	5.00	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:25	MW

Manganese, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		ug/L	5.00	5.00	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:57	MW

Metals, Cations by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	ND		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:25	MW
7439-95-4	Magnesium	ND		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:25	MW
7440-09-7	Potassium	**63.5**		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:25	MW
7440-23-5	Sodium	**199**		ug/L	100	100	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:25	MW

Metals, Cations by EPA 6010, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	ND		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:57	MW
7439-95-4	Magnesium	ND		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:57	MW
7440-09-7	Potassium	ND		ug/L	50.0	50.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:57	MW
7440-23-5	Sodium	**107**		ug/L	100	100	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:57	MW

Sample Information

Client Sample ID: FB-2/004 **York Sample ID:** 14A0195-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 11:53 am	01/09/2014

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-38-2	Arsenic	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-39-3	Barium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-43-9	Cadmium	ND		ug/L	0.500	0.500	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-47-3	Chromium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-48-4	Cobalt	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-50-8	Copper	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7439-92-1	Lead	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-02-0	Nickel	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7782-49-2	Selenium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-22-4	Silver	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-28-0	Thallium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW
7440-66-6	Zinc	**9.64**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 15:21	MW

Vanadium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:26	01/10/2014 18:25	MW

Vanadium, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	10.0	10.0	1	EPA 6010C	01/10/2014 13:20	01/10/2014 16:57	MW

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7440-38-2	Arsenic	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7440-39-3	Barium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7440-43-9	Cadmium	ND		ug/L	0.500	0.500	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7440-47-3	Chromium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7440-48-4	Cobalt	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW

Sample Information

Client Sample ID: FB-2/004 **York Sample ID:** 14A0195-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 8, 2014 11:53 am	01/09/2014

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7439-92-1	Lead	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7440-02-0	Nickel	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7782-49-2	Selenium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7440-22-4	Silver	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7440-28-0	Thallium	ND		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW
7440-66-6	Zinc	**8.69**		ug/L	1.00	1.00	1	EPA 6020A	01/10/2014 13:17	01/11/2014 14:26	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	01/10/2014 09:35	01/13/2014 07:11	ALD

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	01/10/2014 09:35	01/13/2014 07:11	ALD

Sample Information

Client Sample ID: LMW-3/019 **York Sample ID:** 14A0195-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 9, 2014 11:51 am	01/09/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
72-43-5	Methoxychlor	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
76-44-8	Heptachlor	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
72-20-8	Endrin	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
959-98-8	Endosulfan I	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
60-57-1	Dieldrin	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
319-86-8	delta-BHC	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
319-85-7	beta-BHC	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
319-84-6	alpha-BHC	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
309-00-2	Aldrin	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 12:33	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0422	0.0500	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 13:56	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0422	0.0500	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 13:56	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0363	0.0500	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 13:56	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0363	0.0500	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 13:56	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0363	0.0500	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 13:56	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0363	0.0500	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 13:56	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0363	0.0500	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 13:56	JW
1336-36-3	Total PCBs	ND		ug/L	0.0363	0.0500	1	EPA 8081B/8082A	01/10/2014 20:00	01/13/2014 13:56	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.4 %*	*30-120*

Sample Information

Client Sample ID: **LMW-3/019** **York Sample ID:** **14A0195-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0195	525 W 52nd Street	Water	January 9, 2014 11:51 am	01/09/2014

Analytical Batch Summary

Batch ID: BA40278 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14A0195-01	LMW-3/001	01/10/14
14A0195-02	LMW-4/002	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-04	FB-2/004	01/10/14
BA40278-BLK1	Blank	01/10/14
BA40278-BS1	LCS	01/10/14
BA40278-BS2	LCS	01/10/14
BA40278-BSD1	LCS Dup	01/10/14

Batch ID: BA40288 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14A0195-01	LMW-3/001	01/10/14
14A0195-02	LMW-4/002	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-04	FB-2/004	01/10/14
BA40288-BLK1	Blank	01/10/14
BA40288-SRM1	Reference	01/10/14

Batch ID: BA40304 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14A0195-01	LMW-3/001	01/10/14
14A0195-01	LMW-3/001	01/10/14
14A0195-02	LMW-4/002	01/10/14
14A0195-02	LMW-4/002	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-04	FB-2/004	01/10/14
14A0195-04	FB-2/004	01/10/14
BA40304-BLK1	Blank	01/10/14
BA40304-BLK1	Blank	01/10/14
BA40304-DUP1	Duplicate	01/10/14
BA40304-DUP1	Duplicate	01/10/14
BA40304-MS1	Matrix Spike	01/10/14
BA40304-MS1	Matrix Spike	01/10/14
BA40304-SRM1	Reference	01/10/14
BA40304-SRM1	Reference	01/10/14
BA40304-SRM2	Reference	01/10/14
BA40304-SRM2	Reference	01/10/14

Batch ID: BA40305 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date

14A0195-01	LMW-3/001	01/10/14
14A0195-01	LMW-3/001	01/10/14
14A0195-02	LMW-4/002	01/10/14
14A0195-02	LMW-4/002	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-04	FB-2/004	01/10/14
14A0195-04	FB-2/004	01/10/14
BA40305-BLK1	Blank	01/10/14
BA40305-DUP1	Duplicate	01/10/14
BA40305-MS1	Matrix Spike	01/10/14
BA40305-SRM1	Reference	01/10/14
BA40305-SRM2	Reference	01/10/14

Batch ID: BA40307 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14A0195-01	LMW-3/001	01/10/14
14A0195-01	LMW-3/001	01/10/14
14A0195-02	LMW-4/002	01/10/14
14A0195-02	LMW-4/002	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-04	FB-2/004	01/10/14
14A0195-04	FB-2/004	01/10/14
BA40307-BLK1	Blank	01/10/14
BA40307-DUP1	Duplicate	01/10/14
BA40307-MS1	Matrix Spike	01/10/14
BA40307-SRM1	Reference	01/10/14
BA40307-SRM2	Reference	01/10/14

Batch ID: BA40308 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
14A0195-02	LMW-4/002	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-04	FB-2/004	01/10/14
14A0195-05	LMW-3/019	01/10/14
BA40308-BLK1	Blank	01/10/14
BA40308-BS1	LCS	01/10/14
BA40308-BS2	LCS	01/10/14
BA40308-BSD1	LCS Dup	01/10/14
BA40308-BSD2	LCS Dup	01/10/14

Batch ID: BA40322 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14A0195-01	LMW-3/001	01/10/14
14A0195-02	LMW-4/002	01/10/14
14A0195-03	LMW-4 dup/003	01/10/14
14A0195-04	FB-2/004	01/10/14

BA40322-BLK1	Blank	01/10/14
BA40322-BS1	LCS	01/10/14
BA40322-BSD1	LCS Dup	01/10/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40322 - EPA 5030B											
Blank (BA40322-BLK1)											
Prepared & Analyzed: 01/10/2014											
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40322 - EPA 5030B											
Blank (BA40322-BLK1)								Prepared & Analyzed: 01/10/2014			
Vinyl Chloride	ND	0.50	ug/L								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*79-133*				
Surrogate: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*80-123*				
Surrogate: p-Bromofluorobenzene	*9.35*		*"*	*10.0*		*93.5*	*65-133*				
LCS (BA40322-BS1)								Prepared & Analyzed: 01/10/2014			
1,1,1-Trichloroethane	12		ug/L	10.0		117	80-131				
1,1,2,2-Tetrachloroethane	7.8		"	10.0		77.8	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		111	70-133				
1,1,2-Trichloroethane	8.0		"	10.0		79.8	73-124				
1,1-Dichloroethane	11		"	10.0		106	79-123				
1,1-Dichloroethylene	11		"	10.0		110	71-123				
1,2,3-Trichlorobenzene	8.4		"	10.0		84.4	78-117				
1,2,4-Trichlorobenzene	8.6		"	10.0		86.5	78-117				
1,2-Dibromo-3-chloropropane	8.7		"	10.0		86.7	73-129				
1,2-Dibromoethane	8.5		"	10.0		85.1	73-139				
1,2-Dichlorobenzene	9.4		"	10.0		94.2	83-110				
1,2-Dichloroethane	9.8		"	10.0		98.2	81-120				
1,2-Dichloropropane	9.0		"	10.0		90.4	76-120				
1,3-Dichlorobenzene	9.8		"	10.0		98.5	82-112				
1,4-Dichlorobenzene	9.7		"	10.0		96.9	83-110				
1,4-Dioxane	86		"	200		42.8	70-130	Low Bias			
2-Butanone	6.5		"	10.0		65.2	64-128				
2-Hexanone	7.1		"	10.0		70.6	65-130				
4-Methyl-2-pentanone	7.0		"	10.0		69.5	45-110				
Acetone	6.8		"	10.0		68.3	54-129				
Benzene	9.8		"	10.0		98.5	77-122				
Bromochloromethane	7.4		"	10.0		74.3	73-125				
Bromodichloromethane	10		"	10.0		99.8	83-120				
Bromoform	9.4		"	10.0		93.9	72-139				
Bromomethane	11		"	10.0		105	52-128				
Carbon disulfide	11		"	20.0		52.8	35-124				
Carbon tetrachloride	12		"	10.0		117	66-152				
Chlorobenzene	9.8		"	10.0		97.7	85-113				
Chloroethane	10		"	10.0		104	60-124				
Chloroform	10		"	10.0		101	82-119				
Chloromethane	11		"	10.0		105	42-126				
cis-1,2-Dichloroethylene	10		"	10.0		99.8	79-116				
cis-1,3-Dichloropropylene	9.5		"	10.0		94.8	85-134				
Cyclohexane	10		"	10.0		102	70-130				
Dibromochloromethane	9.6		"	10.0		96.4	74-151				
Dichlorodifluoromethane	10		"	10.0		102	10-146				
Ethyl Benzene	10		"	10.0		101	85-125				
Isopropylbenzene	11		"	10.0		109	71-128				
Methyl acetate	6.1		"	10.0		61.1	70-130	Low Bias			
Methyl tert-butyl ether (MTBE)	10		"	10.0		103	51-134				
Methylcyclohexane	9.8		"	10.0		98.4	70-130				
Methylene chloride	10		"	10.0		104	76-122				
o-Xylene	9.9		"	10.0		99.4	83-117				
p- & m- Xylenes	20		"	20.0		101	80-126				
Styrene	9.8		"	10.0		98.5	62-160				

Volatile Organic Compounds by GC/MS - Quality Control Data

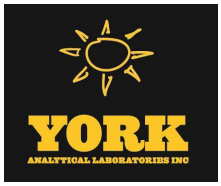
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40322 - EPA 5030B											
LCS (BA40322-BS1)								Prepared & Analyzed: 01/10/2014			
Tetrachloroethylene	10		ug/L	10.0		105	67-118				
Toluene	9.8		"	10.0		98.0	82-118				
trans-1,2-Dichloroethylene	11		"	10.0		107	76-119				
trans-1,3-Dichloropropylene	9.4		"	10.0		94.1	80-137				
Trichloroethylene	10		"	10.0		101	71-122				
Trichlorofluoromethane	12		"	10.0		117	67-130				
Vinyl Chloride	10		"	10.0		104	49-125				
Surrogate: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*79-133*				
Surrogate: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*80-123*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*65-133*				
LCS Dup (BA40322-BSD1)								Prepared & Analyzed: 01/10/2014			
1,1,1-Trichloroethane	12		ug/L	10.0		122	80-131		4.69	30	
1,1,2,2-Tetrachloroethane	8.9		"	10.0		88.7	76-120		13.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		116	70-133		4.85	30	
1,1,2-Trichloroethane	8.8		"	10.0		88.1	73-124		9.89	30	
1,1-Dichloroethane	11		"	10.0		113	79-123		6.59	30	
1,1-Dichloroethylene	12		"	10.0		115	71-123		4.08	30	
1,2,3-Trichlorobenzene	9.3		"	10.0		92.6	78-117		9.27	30	
1,2,4-Trichlorobenzene	9.4		"	10.0		94.4	78-117		8.73	30	
1,2-Dibromo-3-chloropropane	9.5		"	10.0		94.7	73-129		8.82	30	
1,2-Dibromoethane	9.2		"	10.0		91.8	73-139		7.57	30	
1,2-Dichlorobenzene	10		"	10.0		99.9	83-110		5.87	30	
1,2-Dichloroethane	11		"	10.0		108	81-120		9.69	30	
1,2-Dichloropropane	9.4		"	10.0		94.3	76-120		4.22	30	
1,3-Dichlorobenzene	10		"	10.0		100	82-112		1.61	30	
1,4-Dichlorobenzene	9.8		"	10.0		97.9	83-110		1.03	30	
1,4-Dioxane	120		"	200		59.4	70-130	Low Bias	32.5	30	Non-dir.
2-Butanone	8.4		"	10.0		83.5	64-128		24.6	30	
2-Hexanone	8.5		"	10.0		85.3	65-130		18.9	30	
4-Methyl-2-pentanone	8.3		"	10.0		82.6	45-110		17.2	30	
Acetone	8.4		"	10.0		83.5	54-129		20.0	30	
Benzene	11		"	10.0		108	77-122		9.39	30	
Bromochloromethane	8.4		"	10.0		84.5	73-125		12.8	30	
Bromodichloromethane	11		"	10.0		106	83-120		6.12	30	
Bromoform	10		"	10.0		102	72-139		8.07	30	
Bromomethane	11		"	10.0		110	52-128		4.63	30	
Carbon disulfide	11		"	20.0		56.2	35-124		6.42	30	
Carbon tetrachloride	12		"	10.0		124	66-152		6.06	30	
Chlorobenzene	10		"	10.0		102	85-113		4.31	30	
Chloroethane	11		"	10.0		110	60-124		6.54	30	
Chloroform	11		"	10.0		110	82-119		9.01	30	
Chloromethane	11		"	10.0		108	42-126		2.35	30	
cis-1,2-Dichloroethylene	11		"	10.0		112	79-116		11.9	30	
cis-1,3-Dichloropropylene	10		"	10.0		99.8	85-134		5.14	30	
Cyclohexane	11		"	10.0		114	70-130		11.2	30	
Dibromochloromethane	11		"	10.0		106	74-151		9.20	30	
Dichlorodifluoromethane	11		"	10.0		108	10-146		6.00	30	
Ethyl Benzene	10		"	10.0		103	85-125		2.07	30	
Isopropylbenzene	11		"	10.0		108	71-128		1.01	30	
Methyl acetate	7.2		"	10.0		72.4	70-130		16.9	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		115	51-134		11.0	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40322 - EPA 5030B											
LCS Dup (BA40322-BSD1)								Prepared & Analyzed: 01/10/2014			
Methylcyclohexane	10		ug/L	10.0		101	70-130		2.51	30	
Methylene chloride	11		"	10.0		112	76-122		7.87	30	
o-Xylene	10		"	10.0		104	83-117		4.23	30	
p- & m- Xylenes	21		"	20.0		104	80-126		2.49	30	
Styrene	10		"	10.0		105	62-160		6.01	30	
Tetrachloroethylene	11		"	10.0		106	67-118		1.61	30	
Toluene	10		"	10.0		100	82-118		2.32	30	
trans-1,2-Dichloroethylene	12		"	10.0		116	76-119		8.23	30	
trans-1,3-Dichloropropylene	10		"	10.0		101	80-137		6.97	30	
Trichloroethylene	10		"	10.0		103	71-122		1.67	30	
Trichlorofluoromethane	12		"	10.0		121	67-130		3.54	30	
Vinyl Chloride	11		"	10.0		112	49-125		7.06	30	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*79-133*				
Surrogate: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*80-123*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*65-133*				

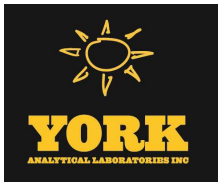


Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40278 - EPA 3510C											
Blank (BA40278-BLK1)											
Prepared: 01/10/2014 Analyzed: 01/13/2014											
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.0500	"								
Benzaldehyde	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl butyl phthalate	ND	5.00	"								
1,1'-Biphenyl	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	0.100	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.0500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	0.0500	"								

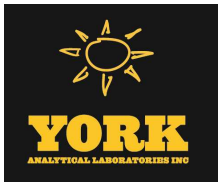
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40278 - EPA 3510C											
Blank (BA40278-BLK1)								Prepared: 01/10/2014 Analyzed: 01/13/2014			
3-Nitroaniline	ND	5.00	ug/L								
4-Nitroaniline	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*18.8*		*"*	*75.0*		*25.1*	*10-52*				
Surrogate: Phenol-d5	*10.9*		*"*	*75.1*		*14.5*	*10-117*				
Surrogate: Nitrobenzene-d5	*32.5*		*"*	*50.2*		*64.7*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*32.5*		*"*	*50.0*		*65.0*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*57.5*		*"*	*75.1*		*76.6*	*17-127*				
Surrogate: Terphenyl-d14	*49.1*		*"*	*50.1*		*98.0*	*10-151*				
LCS (BA40278-BS1)								Prepared & Analyzed: 01/10/2014			
Acenaphthene	36.7	0.0500	ug/L	50.0		73.5	31-101				
Acenaphthylene	35.1	0.0500	"	50.0		70.1	29-98				
Acetophenone	34.6	5.00	"	50.0		69.2	40-140				
Anthracene	37.4	0.0500	"	50.0		74.9	24-108				
Atrazine	42.4	0.0500	"	50.0		84.8	40-140				
Benzaldehyde	32.4	5.00	"	50.0		64.8	40-140				
Benzo(a)anthracene	43.7	0.0500	"	50.0		87.3	28-117				
Benzo(a)pyrene	42.9	0.0500	"	50.0		85.7	24-131				
Benzo(b)fluoranthene	44.4	0.0500	"	50.0		88.9	11-145				
Benzo(g,h,i)perylene	25.6	0.0500	"	50.0		51.1	10-110				
Benzo(k)fluoranthene	46.4	0.0500	"	50.0		92.8	10-161				
Benzyl butyl phthalate	33.8	5.00	"	50.0		67.6	14-134				
1,1'-Biphenyl	33.2	5.00	"	50.0		66.5	40-140				
4-Bromophenyl phenyl ether	45.0	5.00	"	50.0		89.9	28-109				
Caprolactam	5.08	5.00	"	50.0		10.2	40-140	Low Bias			
Carbazole	37.6	5.00	"	50.0		75.3	10-207				
4-Chloro-3-methylphenol	33.3	5.00	"	50.0		66.6	23-100				
4-Chloroaniline	35.0	5.00	"	50.0		70.0	17-168				
Bis(2-chloroethoxy)methane	31.2	5.00	"	50.0		62.4	23-106				
Bis(2-chloroethyl)ether	27.8	5.00	"	50.0		55.6	14-116				
Bis(2-chloroisopropyl)ether	29.0	5.00	"	50.0		58.1	10-155				
2-Chloronaphthalene	36.2	5.00	"	50.0		72.4	32-94				
2-Chlorophenol	27.4	5.00	"	50.0		54.7	16-99				
4-Chlorophenyl phenyl ether	43.6	5.00	"	50.0		87.3	26-113				
Chrysene	39.5	0.0500	"	50.0		79.0	26-112				
Dibenzo(a,h)anthracene	30.1	0.0500	"	50.0		60.1	12-104				
Dibenzofuran	36.8	5.00	"	50.0		73.5	36-96				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40278 - EPA 3510C											
LCS (BA40278-BS1)							Prepared & Analyzed: 01/10/2014				
Di-n-butyl phthalate	33.0	5.00	ug/L	50.0		65.9	20-119				
3,3'-Dichlorobenzidine	52.0	5.00	"	50.0		104	25-154				
2,4-Dichlorophenol	37.9	5.00	"	50.0		75.8	28-97				
Diethyl phthalate	36.7	5.00	"	50.0		73.3	34-104				
2,4-Dimethylphenol	32.6	5.00	"	50.0		65.2	23-94				
Dimethyl phthalate	38.9	5.00	"	50.0		77.8	33-104				
4,6-Dinitro-2-methylphenol	34.9	0.100	"	50.0		69.9	10-133				
2,4-Dinitrophenol	20.4	5.00	"	50.0		40.8	10-145				
2,4-Dinitrotoluene	38.3	5.00	"	50.0		76.7	32-104				
2,6-Dinitrotoluene	38.7	5.00	"	50.0		77.4	34-105				
Di-n-octyl phthalate	30.3	5.00	"	50.0		60.6	10-144				
Bis(2-ethylhexyl)phthalate	41.0	0.0500	"	50.0		82.0	10-171				
Fluoranthene	41.6	0.0500	"	50.0		83.1	27-110				
Fluorene	39.4	0.0500	"	50.0		78.8	32-107				
Hexachlorobenzene	34.2	0.0200	"	50.0		68.5	16-127				
Hexachlorobutadiene	44.1	0.0500	"	50.0		88.2	22-95				
Hexachlorocyclopentadiene	6.61	5.00	"	50.0		13.2	10-101				
Hexachloroethane	30.2	5.00	"	50.0		60.4	10-99				
Indeno(1,2,3-cd)pyrene	29.5	0.0500	"	50.0		59.1	10-107				
Isophorone	34.4	5.00	"	50.0		68.8	19-119				
2-Methylnaphthalene	39.2	5.00	"	50.0		78.5	27-97				
2-Methylphenol	21.8	5.00	"	50.0		43.5	10-88				
3- & 4-Methylphenols	18.3	5.00	"	50.0		36.7	10-71				
Naphthalene	35.0	0.0500	"	50.0		69.9	27-95				
3-Nitroaniline	33.7	5.00	"	50.0		67.4	10-221				
4-Nitroaniline	33.7	5.00	"	50.0		67.4	10-139				
2-Nitroaniline	34.1	5.00	"	50.0		68.2	33-106				
Nitrobenzene	32.6	5.00	"	50.0		65.1	16-114				
4-Nitrophenol	7.81	5.00	"	50.0		15.6	10-55				
2-Nitrophenol	34.2	5.00	"	50.0		68.4	24-101				
N-nitroso-di-n-propylamine	33.6	5.00	"	50.0		67.1	14-133				
N-Nitrosodiphenylamine	50.0	5.00	"	50.0		100	39-123				
Pentachlorophenol	31.4	0.0500	"	50.0		62.7	15-150				
Phenanthrene	37.6	0.0500	"	50.0		75.2	26-109				
Phenol	10.2	5.00	"	50.0		20.4	10-57				
Pyrene	41.6	0.0500	"	50.0		83.1	23-126				
1,2,4,5-Tetrachlorobenzene	47.1	5.00	"	50.0		94.2	40-140				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,6-Trichlorophenol	39.8	5.00	"	50.0		79.5	34-100				
2,4,5-Trichlorophenol	37.0	5.00	"	50.0		74.0	30-102				
Surrogate: 2-Fluorophenol	*19.1*		*"*	*75.0*		*25.4*	*10-52*				
Surrogate: Phenol-d5	*12.3*		*"*	*75.1*		*16.4*	*10-117*				
Surrogate: Nitrobenzene-d5	*35.4*		*"*	*50.2*		*70.6*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*35.7*		*"*	*50.0*		*71.4*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*65.4*		*"*	*75.1*		*87.1*	*17-127*				
Surrogate: Terphenyl-d14	*47.1*		*"*	*50.1*		*94.1*	*10-151*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

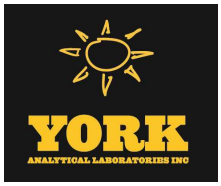
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40278 - EPA 3510C											
LCS (BA40278-BS2)							Prepared & Analyzed: 01/10/2014				
Acenaphthene	0.500	0.0500	ug/L	1.00		50.0	31-101				
Acenaphthylene	0.630	0.0500	"	1.00		63.0	29-98				
Acetophenone	ND	5.00	"				40-140				
Anthracene	0.580	0.0500	"	1.00		58.0	24-108				
Atrazine	ND	0.0500	"				40-140				
Benzaldehyde	ND	5.00	"				40-140				
Benzo(a)anthracene	0.690	0.0500	"	1.00		69.0	28-117				
Benzo(a)pyrene	0.630	0.0500	"	1.00		63.0	24-131				
Benzo(b)fluoranthene	0.680	0.0500	"	1.00		68.0	11-145				
Benzo(g,h,i)perylene	0.780	0.0500	"	1.00		78.0	10-110				
Benzo(k)fluoranthene	0.580	0.0500	"	1.00		58.0	10-161				
Benzyl butyl phthalate	ND	5.00	"				14-134				
1,1'-Biphenyl	ND	5.00	"				40-140				
4-Bromophenyl phenyl ether	ND	5.00	"				28-109				
Caprolactam	ND	5.00	"				40-140				
Carbazole	ND	5.00	"				10-207				
4-Chloro-3-methylphenol	ND	5.00	"				23-100				
4-Chloroaniline	ND	5.00	"				17-168				
Bis(2-chloroethoxy)methane	ND	5.00	"				23-106				
Bis(2-chloroethyl)ether	ND	5.00	"				14-116				
Bis(2-chloroisopropyl)ether	ND	5.00	"				10-155				
2-Chloronaphthalene	ND	5.00	"				32-94				
2-Chlorophenol	ND	5.00	"				16-99				
4-Chlorophenyl phenyl ether	ND	5.00	"				26-113				
Chrysene	0.580	0.0500	"	1.00		58.0	26-112				
Dibenzo(a,h)anthracene	0.780	0.0500	"	1.00		78.0	12-104				
Dibenzofuran	ND	5.00	"				36-96				
Di-n-butyl phthalate	ND	5.00	"				20-119				
3,3'-Dichlorobenzidine	ND	5.00	"				25-154				
2,4-Dichlorophenol	ND	5.00	"				28-97				
Diethyl phthalate	ND	5.00	"				34-104				
2,4-Dimethylphenol	ND	5.00	"				23-94				
Dimethyl phthalate	ND	5.00	"				33-104				
4,6-Dinitro-2-methylphenol	ND	0.100	"				10-133				
2,4-Dinitrophenol	ND	5.00	"				10-145				
2,4-Dinitrotoluene	ND	5.00	"				32-104				
2,6-Dinitrotoluene	ND	5.00	"				34-105				
Di-n-octyl phthalate	ND	5.00	"				10-144				
Bis(2-ethylhexyl)phthalate	0.280	0.0500	"				10-171				
Fluoranthene	0.540	0.0500	"	1.00		54.0	27-110				
Fluorene	0.620	0.0500	"	1.00		62.0	32-107				
Hexachlorobenzene	ND	0.0200	"				16-127				
Hexachlorobutadiene	ND	0.0500	"				22-95				
Hexachlorocyclopentadiene	ND	5.00	"				10-101				
Hexachloroethane	ND	5.00	"				10-99				
Indeno(1,2,3-cd)pyrene	0.810	0.0500	"	1.00		81.0	10-107				
Isophorone	ND	5.00	"				19-119				
2-Methylnaphthalene	ND	5.00	"				27-97				
2-Methylphenol	ND	5.00	"				10-88				
3- & 4-Methylphenols	ND	5.00	"				10-71				
Naphthalene	0.510	0.0500	"	1.00		51.0	27-95				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40278 - EPA 3510C											
LCS (BA40278-BS2)							Prepared & Analyzed: 01/10/2014				
3-Nitroaniline	ND	5.00	ug/L				10-221				
4-Nitroaniline	ND	5.00	"				10-139				
2-Nitroaniline	ND	5.00	"				33-106				
Nitrobenzene	ND	5.00	"				16-114				
4-Nitrophenol	ND	5.00	"				10-55				
2-Nitrophenol	ND	5.00	"				24-101				
N-nitroso-di-n-propylamine	ND	5.00	"				14-133				
N-Nitrosodiphenylamine	ND	5.00	"				39-123				
Pentachlorophenol	ND	0.0500	"				15-150				
Phenanthrene	0.560	0.0500	"	1.00		56.0	26-109				
Phenol	ND	5.00	"				10-57				
Pyrene	0.600	0.0500	"	1.00		60.0	23-126				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				40-140				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,6-Trichlorophenol	ND	5.00	"				34-100				
2,4,5-Trichlorophenol	ND	5.00	"				30-102				
Surrogate: 2-Fluorophenol	*0.00*		*"*	*75.0*			*10-52*				
Surrogate: Phenol-d5	*0.00*		*"*	*75.1*			*10-117*				
Surrogate: Nitrobenzene-d5	*0.00*		*"*	*50.2*			*12-112*				
Surrogate: 2-Fluorobiphenyl	*0.00*		*"*	*50.0*			*14-101*				
Surrogate: 2,4,6-Tribromophenol	*0.00*		*"*	*75.1*			*17-127*				
Surrogate: Terphenyl-d14	*0.00*		*"*	*50.1*			*10-151*				
LCS Dup (BA40278-BSD1)							Prepared & Analyzed: 01/10/2014				
Acenaphthene	32.3	0.0500	ug/L	50.0		64.6	31-101		12.8	20	
Acenaphthylene	30.6	0.0500	"	50.0		61.2	29-98		13.6	20	
Acetophenone	31.4	5.00	"	50.0		62.8	40-140		9.73	20	
Anthracene	32.9	0.0500	"	50.0		65.9	24-108		12.8	20	
Atrazine	35.8	0.0500	"	50.0		71.6	40-140		16.8	20	
Benzaldehyde	29.2	5.00	"	50.0		58.4	40-140		10.5	20	
Benzo(a)anthracene	37.3	0.0500	"	50.0		74.7	28-117		15.6	20	
Benzo(a)pyrene	29.9	0.0500	"	50.0		59.8	24-131		35.7	20	Non-dir.
Benzo(b)fluoranthene	28.4	0.0500	"	50.0		56.8	11-145		44.0	20	Non-dir.
Benzo(g,h,i)perylene	10.2	0.0500	"	50.0		20.4	10-110		86.0	20	Non-dir.
Benzo(k)fluoranthene	27.4	0.0500	"	50.0		54.9	10-161		51.3	20	Non-dir.
Benzyl butyl phthalate	30.3	5.00	"	50.0		60.6	14-134		10.9	20	
1,1'-Biphenyl	30.7	5.00	"	50.0		61.4	40-140		8.04	20	
4-Bromophenyl phenyl ether	40.1	5.00	"	50.0		80.2	28-109		11.4	20	
Caprolactam	4.55	5.00	"	50.0		9.10	40-140	Low Bias	11.0	20	
Carbazole	30.9	5.00	"	50.0		61.8	10-207		19.7	20	
4-Chloro-3-methylphenol	29.4	5.00	"	50.0		58.8	23-100		12.5	20	
4-Chloroaniline	30.4	5.00	"	50.0		60.7	17-168		14.2	20	
Bis(2-chloroethoxy)methane	27.8	5.00	"	50.0		55.6	23-106		11.5	20	
Bis(2-chloroethyl)ether	25.4	5.00	"	50.0		50.9	14-116		8.90	20	
Bis(2-chloroisopropyl)ether	26.4	5.00	"	50.0		52.8	10-155		9.48	20	
2-Chloronaphthalene	32.1	5.00	"	50.0		64.2	32-94		12.0	20	
2-Chlorophenol	24.1	5.00	"	50.0		48.3	16-99		12.5	20	
4-Chlorophenyl phenyl ether	38.6	5.00	"	50.0		77.2	26-113		12.2	20	
Chrysene	33.8	0.0500	"	50.0		67.6	26-112		15.5	20	
Dibenzo(a,h)anthracene	12.2	0.0500	"	50.0		24.3	12-104		84.7	20	Non-dir.
Dibenzofuran	32.9	5.00	"	50.0		65.9	36-96		11.0	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40278 - EPA 3510C											
LCS Dup (BA40278-BSD1)								Prepared & Analyzed: 01/10/2014			
Di-n-butyl phthalate	29.3	5.00	ug/L	50.0		58.6	20-119		11.8	20	
3,3'-Dichlorobenzidine	39.8	5.00	"	50.0		79.6	25-154		26.6	20	Non-dir.
2,4-Dichlorophenol	33.3	5.00	"	50.0		66.6	28-97		13.0	20	
Diethyl phthalate	32.9	5.00	"	50.0		65.9	34-104		10.7	20	
2,4-Dimethylphenol	28.9	5.00	"	50.0		57.8	23-94		12.1	20	
Dimethyl phthalate	33.2	5.00	"	50.0		66.5	33-104		15.7	20	
4,6-Dinitro-2-methylphenol	22.4	0.100	"	50.0		44.8	10-133		43.7	20	Non-dir.
2,4-Dinitrophenol	13.4	5.00	"	50.0		26.8	10-145		41.3	20	Non-dir.
2,4-Dinitrotoluene	31.5	5.00	"	50.0		62.9	32-104		19.7	20	
2,6-Dinitrotoluene	32.4	5.00	"	50.0		64.7	34-105		17.8	20	
Di-n-octyl phthalate	27.5	5.00	"	50.0		55.0	10-144		9.69	20	
Bis(2-ethylhexyl)phthalate	33.2	0.0500	"	50.0		66.3	10-171		21.1	20	Non-dir.
Fluoranthene	36.4	0.0500	"	50.0		72.9	27-110		13.1	20	
Fluorene	34.7	0.0500	"	50.0		69.5	32-107		12.5	20	
Hexachlorobenzene	31.8	0.0200	"	50.0		63.7	16-127		7.26	20	
Hexachlorobutadiene	37.1	0.0500	"	50.0		74.2	22-95		17.2	20	
Hexachlorocyclopentadiene	5.48	5.00	"	50.0		11.0	10-101		18.7	20	
Hexachloroethane	26.4	5.00	"	50.0		52.8	10-99		13.5	20	
Indeno(1,2,3-cd)pyrene	12.4	0.0500	"	50.0		24.7	10-107		82.0	20	Non-dir.
Isophorone	29.8	5.00	"	50.0		59.5	19-119		14.5	20	
2-Methylnaphthalene	34.8	5.00	"	50.0		69.6	27-97		12.1	20	
2-Methylphenol	19.2	5.00	"	50.0		38.4	10-88		12.4	20	
3- & 4-Methylphenols	ND	5.00	"	50.0			10-71	Low Bias		20	
Naphthalene	31.1	0.0500	"	50.0		62.2	27-95		11.7	20	
3-Nitroaniline	27.8	5.00	"	50.0		55.7	10-221		19.1	20	
4-Nitroaniline	28.5	5.00	"	50.0		57.0	10-139		16.7	20	
2-Nitroaniline	27.6	5.00	"	50.0		55.2	33-106		20.9	20	Non-dir.
Nitrobenzene	30.1	5.00	"	50.0		60.3	16-114		7.75	20	
4-Nitrophenol	6.59	5.00	"	50.0		13.2	10-55		16.9	20	
2-Nitrophenol	29.8	5.00	"	50.0		59.6	24-101		13.8	20	
N-nitroso-di-n-propylamine	49.3	5.00	"	50.0		98.6	14-133		37.9	20	Non-dir.
N-Nitrosodiphenylamine	47.6	5.00	"	50.0		95.1	39-123		5.02	20	
Pentachlorophenol	31.5	0.0500	"	50.0		63.0	15-150		0.477	20	
Phenanthrene	33.2	0.0500	"	50.0		66.4	26-109		12.4	20	
Phenol	8.09	5.00	"	50.0		16.2	10-57		23.3	20	Non-dir.
Pyrene	36.4	0.0500	"	50.0		72.9	23-126		13.1	20	
1,2,4,5-Tetrachlorobenzene	41.7	5.00	"	50.0		83.4	40-140		12.2	20	
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130			20	
2,4,6-Trichlorophenol	37.2	5.00	"	50.0		74.5	34-100		6.55	20	
2,4,5-Trichlorophenol	34.9	5.00	"	50.0		69.7	30-102		6.01	20	
Surrogate: 2-Fluorophenol	*15.5*		*"*	*75.0*		*20.7*	*10-52*				
Surrogate: Phenol-d5	*11.0*		*"*	*75.1*		*14.6*	*10-117*				
Surrogate: Nitrobenzene-d5	*32.9*		*"*	*50.2*		*65.5*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*33.1*		*"*	*50.0*		*66.1*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*60.9*		*"*	*75.1*		*81.1*	*17-127*				
Surrogate: Terphenyl-d14	*42.6*		*"*	*50.1*		*85.0*	*10-151*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40308 - EPA SW846-3510C Low Level											
Blank (BA40308-BLK1)									Prepared: 01/10/2014 Analyzed: 01/13/2014		
Toxaphene	ND	0.100	ug/L								
Methoxychlor	ND	0.00100	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin ketone	ND	0.00100	"								
Endrin aldehyde	ND	0.00100	"								
Endrin	ND	0.00100	"								
Endosulfan sulfate	ND	0.00100	"								
Endosulfan II	ND	0.00100	"								
Endosulfan I	ND	0.00100	"								
Dieldrin	ND	0.00100	"								
delta-BHC	ND	0.00100	"								
Chlordane, total	ND	0.0400	"								
beta-BHC	ND	0.00100	"								
alpha-BHC	ND	0.00100	"								
Aldrin	ND	0.00100	"								
4,4'-DDT	ND	0.00100	"								
4,4'-DDE	ND	0.00100	"								
4,4'-DDD	ND	0.00100	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.111*		*"*	*0.199*		*55.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.123*		*"*	*0.199*		*62.0*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40308 - EPA SW846-3510C Low Level											
LCS (BA40308-BS1)									Prepared: 01/10/2014 Analyzed: 01/13/2014		
Methoxychlor	0.0587	0.00100	ug/L	0.100		58.7	40-120				
Heptachlor epoxide	0.0488	0.00100	"	0.100		48.8	40-120				
Heptachlor	0.0418	0.00100	"	0.100		41.8	40-120				
gamma-BHC (Lindane)	0.0450	0.00100	"	0.100		45.0	40-120				
Endrin ketone	0.0776	0.00100	"	0.100		77.6	40-120				
Endrin aldehyde	0.0658	0.00100	"	0.100		65.8	40-120				
Endrin	0.0613	0.00100	"	0.100		61.3	40-120				
Endosulfan sulfate	0.0659	0.00100	"	0.100		65.9	40-120				
Endosulfan II	0.0633	0.00100	"	0.100		63.3	40-120				
Endosulfan I	0.0497	0.00100	"	0.100		49.7	40-120				
Dieldrin	0.0641	0.00100	"	0.100		64.1	40-120				
delta-BHC	0.0419	0.00100	"	0.100		41.9	40-120				
beta-BHC	0.0535	0.00100	"	0.100		53.5	40-120				
alpha-BHC	0.0427	0.00100	"	0.100		42.7	40-120				
Aldrin	0.0457	0.00100	"	0.100		45.7	40-120				
4,4'-DDT	0.0673	0.00100	"	0.100		67.3	40-120				
4,4'-DDE	0.0602	0.00100	"	0.100		60.2	40-120				
4,4'-DDD	0.0694	0.00100	"	0.100		69.4	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0960*		*"*	*0.199*		*48.2*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.124*		*"*	*0.199*		*62.5*	*30-120*				
LCS (BA40308-BS2)									Prepared: 01/10/2014 Analyzed: 01/13/2014		
Aroclor 1260	0.882	0.0500	ug/L	1.00		88.2	40-120				
Aroclor 1016	0.826	0.0500	"	1.00		82.6	40-120				
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.199*		*78.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.176*		*"*	*0.199*		*88.4*	*30-120*				
LCS Dup (BA40308-BSD1)									Prepared: 01/10/2014 Analyzed: 01/13/2014		
Methoxychlor	0.0616	0.00100	ug/L	0.100		61.6	40-120		4.80	30	
Heptachlor epoxide	0.0495	0.00100	"	0.100		49.5	40-120		1.42	30	
Heptachlor	0.0409	0.00100	"	0.100		40.9	40-120		2.18	30	
gamma-BHC (Lindane)	0.0452	0.00100	"	0.100		45.2	40-120		0.404	30	
Endrin ketone	0.0704	0.00100	"	0.100		70.4	40-120		9.76	30	
Endrin aldehyde	0.0619	0.00100	"	0.100		61.9	40-120		6.17	30	
Endrin	0.0622	0.00100	"	0.100		62.2	40-120		1.52	30	
Endosulfan sulfate	0.0674	0.00100	"	0.100		67.4	40-120		2.16	30	
Endosulfan II	0.0652	0.00100	"	0.100		65.2	40-120		2.87	30	
Endosulfan I	0.0515	0.00100	"	0.100		51.5	40-120		3.67	30	
Dieldrin	0.0648	0.00100	"	0.100		64.8	40-120		1.15	30	
delta-BHC	0.0401	0.00100	"	0.100		40.1	40-120		4.50	30	
beta-BHC	0.0501	0.00100	"	0.100		50.1	40-120		6.44	30	
alpha-BHC	0.0435	0.00100	"	0.100		43.5	40-120		1.90	30	
Aldrin	0.0452	0.00100	"	0.100		45.2	40-120		1.17	30	
4,4'-DDT	0.0659	0.00100	"	0.100		65.9	40-120		2.07	30	
4,4'-DDE	0.0597	0.00100	"	0.100		59.7	40-120		0.771	30	
4,4'-DDD	0.0696	0.00100	"	0.100		69.6	40-120		0.356	30	
Surrogate: Tetrachloro-m-xylene	*0.101*		*"*	*0.199*		*50.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.128*		*"*	*0.199*		*64.1*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40308 - EPA SW846-3510C Low Level											
LCS Dup (BA40308-BSD2)									Prepared: 01/10/2014 Analyzed: 01/13/2014		
Aroclor 1260	0.815	0.0500	ug/L	1.00		81.5	40-120		7.90	30	
Aroclor 1016	0.825	0.0500	"	1.00		82.5	40-120		0.0969	30	
Surrogate: Tetrachloro-m-xylene	*0.165*		*"*	*0.199*		*82.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.157*		*"*	*0.199*		*78.9*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40304 - EPA 3010A											
Blank (BA40304-BLK1)											Prepared: 01/10/2014 Analyzed: 01/11/2014
Antimony	ND	1.00	ug/L								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Cadmium	ND	0.500	"								
Chromium	ND	1.00	"								
Cobalt	ND	1.00	"								
Copper	ND	1.00	"								
Lead	ND	1.00	"								
Nickel	ND	1.00	"								
Selenium	ND	1.00	"								
Silver	ND	1.00	"								
Thallium	ND	1.00	"								
Zinc	ND	1.00	"								
Duplicate (BA40304-DUP1)	*Source sample: 14A0195-01 (LMW-3/001)										Prepared: 01/10/2014 Analyzed: 01/11/2014
Antimony	ND	1.00	ug/L		ND					20	
Arsenic	3.61	1.00	"		3.59				0.499	20	
Barium	141	1.00	"		143				1.27	20	
Cadmium	ND	0.500	"		ND					20	
Chromium	6.28	1.00	"		6.20				1.28	20	
Cobalt	1.48	1.00	"		1.48				0.199	20	
Copper	5.77	1.00	"		6.26				8.25	20	
Lead	9.86	1.00	"		9.70				1.55	20	
Nickel	9.60	1.00	"		9.75				1.57	20	
Selenium	6.89	1.00	"		7.08				2.76	20	
Silver	ND	1.00	"		ND					20	
Thallium	ND	1.00	"		ND					20	
Zinc	18.2	1.00	"		18.6				2.47	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40304 - EPA 3010A											
Matrix Spike (BA40304-MS1)	*Source sample: 14A0195-01 (LMW-3/001)									Prepared: 01/10/2014 Analyzed: 01/11/2014	
Antimony	177	1.00	ug/L	200	ND	88.7	75-125				
Arsenic	101	1.00	"	100	3.59	97.7	75-125				
Barium	536	1.00	"	500	143	78.6	75-125				
Cadmium	44.3	0.500	"	50.0	ND	88.7	75-125				
Chromium	192	1.00	"	200	6.20	92.7	75-125				
Cobalt	179	1.00	"	200	1.48	88.8	75-125				
Copper	168	1.00	"	200	6.26	81.1	75-125				
Lead	95.5	1.00	"	100	9.70	85.8	75-125				
Nickel	194	1.00	"	200	9.75	92.2	75-125				
Selenium	52.6	1.00	"	50.0	7.08	91.1	75-125				
Silver	38.9	1.00	"	50.0	ND	77.9	75-125				
Thallium	41.8	1.00	"	50.0	ND	83.5	75-125				
Zinc	419	1.00	"	500	18.6	80.0	75-125				
Reference (BA40304-SRM1)										Prepared: 01/10/2014 Analyzed: 01/11/2014	
Antimony	27.7	1.00	ug/L	26.5		104	70.1-130				
Arsenic	29.2	1.00	"	26.6		110	69.9-130				
Barium	2820	1.00	"	2600		109	85-115				
Cadmium	23.8	0.500	"	22.2		107	80.2-120				
Chromium	135	1.00	"	138		97.6	84.8-115				
Copper	1250	1.00	"	1220		102	90.2-110				
Lead	56.6	1.00	"	54.4		104	70-130				
Nickel	168	1.00	"	164		102	84.8-115				
Selenium	51.3	1.00	"	45.9		112	80-120				
Silver	190	1.00	"	176		108	69.9-130				
Thallium	4.69	1.00	"	4.50		104	70-130				
Zinc	446	1.00	"	417		107	84.9-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40304 - EPA 3010A											
Reference (BA40304-SRM2)								Prepared: 01/10/2014 Analyzed: 01/11/2014			
Antimony	42.3	1.00	ug/L	43.5		97.2	69.4-121				
Arsenic	34.6	1.00	"	34.1		102	83.3-118				
Barium	126	1.00	"	118		107	86.4-113				
Cadmium	8.73	0.500	"	8.54		102	84.4-115				
Chromium	61.6	1.00	"	64.4		95.7	87.1-113				
Cobalt	36.2	1.00	"	35.1		103	87.7-112				
Copper	52.7	1.00	"	52.1		101	90-110				
Lead	51.5	1.00	"	51.7		99.7	87-113				
Nickel	151	1.00	"	152		99.2	90.1-112				
Selenium	38.7	1.00	"	36.2		107	78.7-116				
Silver	21.9	1.00	"	21.0		104	85.7-115				
Thallium	35.3	1.00	"	35.8		98.6	77.9-122				
Zinc	174	1.00	"	169		103	85.8-114				
Batch BA40305 - EPA 3010A											
Blank (BA40305-BLK1)								Prepared & Analyzed: 01/10/2014			
Aluminum - Dissolved	ND	10.0	ug/L								
Beryllium - Dissolved	ND	1.00	"								
Calcium - Dissolved	ND	50.0	"								
Iron - Dissolved	ND	20.0	"								
Magnesium - Dissolved	ND	50.0	"								
Manganese - Dissolved	ND	5.00	"								
Potassium - Dissolved	ND	50.0	"								
Sodium - Dissolved	ND	100	"								
Vanadium - Dissolved	ND	10.0	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40305 - EPA 3010A											
Duplicate (BA40305-DUP1)	*Source sample: 14A0195-01 (LMW-3/001)								Prepared & Analyzed: 01/10/2014		
Aluminum - Dissolved	32.3	10.0	ug/L		20.7				43.6	20	Non-dir.
Beryllium - Dissolved	ND	1.00	"		ND					20	
Calcium - Dissolved	140000	50.0	"		141000				0.458	20	
Iron - Dissolved	ND	20.0	"		ND					20	
Magnesium - Dissolved	17600	50.0	"		17800				1.27	20	
Manganese - Dissolved	8.49	5.00	"		8.54				0.544	20	
Potassium - Dissolved	37600	50.0	"		37800				0.733	20	
Sodium - Dissolved	213000	100	"		216000				1.37	20	
Vanadium - Dissolved	ND	10.0	"		ND					20	
Matrix Spike (BA40305-MS1)	*Source sample: 14A0195-01 (LMW-3/001)								Prepared & Analyzed: 01/10/2014		
Beryllium - Dissolved	51.6	1.00	ug/L	50.0	ND	103	75-125				
Iron - Dissolved	1040	20.0	"	1000	ND	104	75-125				
Manganese - Dissolved	526	5.00	"	500	8.54	104	75-125				
Vanadium - Dissolved	515	10.0	"	500	ND	103	75-125				
Reference (BA40305-SRM1)									Prepared & Analyzed: 01/10/2014		
Aluminum - Dissolved	411	10.0	ug/L	419		98.0	75.9-124				
Beryllium - Dissolved	72.6	1.00	"	74.9		96.9	83.3-113				
Iron - Dissolved	1490	20.0	"	1440		104	88.2-113				
Manganese - Dissolved	1820	5.00	"	1730		105	90.2-111				
Vanadium - Dissolved	1450	10.0	"	1510		96.3	87.4-112				
Reference (BA40305-SRM2)									Prepared & Analyzed: 01/10/2014		
Calcium - Dissolved	61100	50.0	ug/L	62700		97.5	86-114				
Magnesium - Dissolved	27700	50.0	"	29000		95.6	86.2-114				
Potassium - Dissolved	32200	50.0	"	32400		99.3	85.2-115				
Sodium - Dissolved	82800	100	"	85100		97.4	85-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40307 - EPA 3010A											
Blank (BA40307-BLK1)										Prepared & Analyzed: 01/10/2014	
Aluminum	ND	10.0	ug/L								
Beryllium	ND	1.00	"								
Calcium	ND	50.0	"								
Iron	ND	20.0	"								
Magnesium	ND	50.0	"								
Manganese	ND	5.00	"								
Potassium	ND	50.0	"								
Sodium	ND	100	"								
Vanadium	ND	10.0	"								
Duplicate (BA40307-DUP1)	*Source sample: 14A0195-01 (LMW-3/001)									Prepared & Analyzed: 01/10/2014	
Aluminum	2120	10.0	ug/L		2090				1.13	20	
Beryllium	ND	1.00	"		ND					20	
Calcium	199000	50.0	"		199000				0.320	20	
Iron	1350	20.0	"		1360				0.480	20	
Magnesium	18700	50.0	"		18700				0.0434	20	
Manganese	64.9	5.00	"		65.0				0.134	20	
Potassium	38000	50.0	"		37600				1.14	20	
Sodium	214000	100	"		214000				0.0765	20	
Vanadium	ND	10.0	"		ND					20	
Matrix Spike (BA40307-MS1)	*Source sample: 14A0195-01 (LMW-3/001)									Prepared & Analyzed: 01/10/2014	
Beryllium	50.3	1.00	ug/L	50.0	ND	101	75-125				
Iron	2330	20.0	"	1000	1360	97.2	75-125				
Manganese	574	5.00	"	500	65.0	102	75-125				
Vanadium	510	10.0	"	500	ND	102	75-125				
Reference (BA40307-SRM1)										Prepared & Analyzed: 01/10/2014	
Aluminum	403	10.0	ug/L	419		96.1	75.9-124				
Beryllium	72.4	1.00	"	74.9		96.6	83.3-113				
Iron	1500	20.0	"	1440		104	88.2-113				
Manganese	1820	5.00	"	1730		105	90.2-111				
Vanadium	1450	10.0	"	1510		96.1	87.4-112				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40307 - EPA 3010A											
Reference (BA40307-SRM2)								Prepared & Analyzed: 01/10/2014			
Calcium	60800	50.0	ug/L	62700		96.9	86-114				
Magnesium	27400	50.0	"	29000		94.7	86.2-114				
Potassium	32400	50.0	"	32400		99.9	85.2-115				
Sodium	83200	100	"	85100		97.8	85-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40304 - EPA 3010A											
Blank (BA40304-BLK1)										Prepared: 01/10/2014 Analyzed: 01/11/2014	
Antimony - Dissolved	ND	1.00	ug/L								
Arsenic - Dissolved	ND	1.00	"								
Barium - Dissolved	ND	1.00	"								
Cadmium - Dissolved	ND	0.500	"								
Chromium - Dissolved	ND	1.00	"								
Cobalt - Dissolved	ND	1.00	"								
Copper - Dissolved	ND	1.00	"								
Lead - Dissolved	ND	1.00	"								
Nickel - Dissolved	ND	1.00	"								
Selenium - Dissolved	ND	1.00	"								
Silver - Dissolved	ND	1.00	"								
Thallium - Dissolved	ND	1.00	"								
Zinc - Dissolved	ND	1.00	"								
Duplicate (BA40304-DUP1)	*Source sample: 14A0195-01 (LMW-3/001)									Prepared: 01/10/2014 Analyzed: 01/11/2014	
Antimony - Dissolved	ND	1.00	ug/L		ND					20	
Arsenic - Dissolved	3.04	1.00	"		2.97				2.48	20	
Barium - Dissolved	101	1.00	"		99.1				1.75	20	
Cadmium - Dissolved	ND	0.500	"		ND					20	
Chromium - Dissolved	ND	1.00	"		ND					20	
Cobalt - Dissolved	ND	1.00	"		ND					20	
Copper - Dissolved	3.75	1.00	"		3.71				1.23	20	
Lead - Dissolved	ND	1.00	"		ND					20	
Nickel - Dissolved	5.18	1.00	"		5.27				1.71	20	
Selenium - Dissolved	6.99	1.00	"		7.04				0.762	20	
Silver - Dissolved	ND	1.00	"		ND					20	
Thallium - Dissolved	ND	1.00	"		ND					20	
Zinc - Dissolved	3.06	1.00	"		2.76				10.4	20	

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40304 - EPA 3010A											
Matrix Spike (BA40304-MS1)	*Source sample: 14A0195-01 (LMW-3/001)								Prepared: 01/10/2014 Analyzed: 01/11/2014		
Antimony - Dissolved	191	1.00	ug/L	200	ND	95.7	75-125				
Arsenic - Dissolved	102	1.00	"	100	2.97	99.0	75-125				
Barium - Dissolved	567	1.00	"	500	99.1	93.5	75-125				
Cadmium - Dissolved	45.2	0.500	"	50.0	ND	90.4	75-125				
Chromium - Dissolved	193	1.00	"	200	ND	96.3	75-125				
Cobalt - Dissolved	188	1.00	"	200	ND	93.8	75-125				
Copper - Dissolved	174	1.00	"	200	3.71	85.2	75-125				
Lead - Dissolved	85.0	1.00	"	100	ND	85.0	75-125				
Nickel - Dissolved	182	1.00	"	200	5.27	88.2	75-125				
Selenium - Dissolved	58.8	1.00	"	50.0	7.04	104	75-125				
Silver - Dissolved	40.9	1.00	"	50.0	ND	81.8	75-125				
Thallium - Dissolved	42.5	1.00	"	50.0	ND	84.9	75-125				
Zinc - Dissolved	432	1.00	"	500	2.76	85.8	75-125				
Reference (BA40304-SRM1)									Prepared: 01/10/2014 Analyzed: 01/11/2014		
Antimony - Dissolved	27.7	1.00	ug/L	26.5		104	70.1-130				
Arsenic - Dissolved	29.2	1.00	"	26.6		110	69.9-130				
Barium - Dissolved	2820	1.00	"	2600		109	85-115				
Cadmium - Dissolved	23.8	0.500	"	22.2		107	80.2-120				
Chromium - Dissolved	135	1.00	"	138		97.6	84.8-115				
Copper - Dissolved	1250	1.00	"	1220		102	90.2-110				
Lead - Dissolved	56.6	1.00	"	54.4		104	70-130				
Nickel - Dissolved	168	1.00	"	164		102	84.8-115				
Selenium - Dissolved	51.3	1.00	"	45.9		112	80-120				
Silver - Dissolved	190	1.00	"	176		108	69.9-130				
Thallium - Dissolved	4.69	1.00	"	4.50		104	70-130				
Zinc - Dissolved	446	1.00	"	417		107	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40304 - EPA 3010A											
Reference (BA40304-SRM2)								Prepared: 01/10/2014 Analyzed: 01/11/2014			
Antimony - Dissolved	42.3	1.00	ug/L	43.5		97.2	69.4-121				
Arsenic - Dissolved	34.6	1.00	"	34.1		102	83.3-118				
Barium - Dissolved	126	1.00	"	118		107	86.4-113				
Cadmium - Dissolved	8.73	0.500	"	8.54		102	84.4-115				
Chromium - Dissolved	61.6	1.00	"	64.4		95.7	87.1-113				
Cobalt - Dissolved	36.2	1.00	"	35.1		103	87.7-112				
Copper - Dissolved	52.7	1.00	"	52.1		101	90-110				
Lead - Dissolved	51.5	1.00	"	51.7		99.7	87-113				
Nickel - Dissolved	151	1.00	"	152		99.2	90.1-112				
Selenium - Dissolved	38.7	1.00	"	36.2		107	78.7-116				
Silver - Dissolved	21.9	1.00	"	21.0		104	85.7-115				
Thallium - Dissolved	35.3	1.00	"	35.8		98.6	77.9-122				
Zinc - Dissolved	174	1.00	"	169		103	85.8-114				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40288 - EPA 7473 water											
Blank (BA40288-BLK1)											Prepared: 01/10/2014 Analyzed: 01/13/2014
Mercury	ND	0.20	ug/L								
Mercury - Dissolved	ND	0.20	"								
Reference (BA40288-SRM1)											Prepared: 01/10/2014 Analyzed: 01/13/2014
Mercury - Dissolved	0.0021628		mg/kg	0.00230		94.0	61.3-135				
Mercury	0.00216		"	0.00230		94.0	61.3-135				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14A0195-01	LMW-3/001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0195-02	LMW-4/002	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0195-03	LMW-4 dup/003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0195-04	FB-2/004	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-RPD	Sample conc. <5 X reporting limit.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for averge Rf or >20% Drift for quadratic fit).

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 14A0195

YOUR Information

Company: Langan
Address: 1 Penn Plaza, 250 West 34th Street, 8th Floor
Phone No. 201-794-6900
Contact Person: Claire Zaccheo
E-Mail Address:

Report To:

Company: Same
Address:
Phone No.
Attention: Amanda Forsberg & Chris Richardson
E-Mail Address:

Invoice To:

Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

525 West 52nd Street

Purchase Order No.

100396701

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary X
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Claire M Zaccheo
Samples Collected/Authorized By (Signature)
Claire M Zaccheo
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
LMW-3/001	1/8/14 1055	W	VOCs, SVOCs, pesticides, PCBs, metals (tot & dissolved)	
LMW-4/002	1310	W		
LMW-4 dup/003	1320	W		
FB-2/004	1153	W		
			Claire Zaccheo	

Comments
TWO COOLERS!

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Claire M Zaccheo 1/8/14 1321
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

Dan Mann 1/8/14 4:40
Samples Received By — Date/Time

J. Gh 1/9/14 - 1720
Samples Received in LAB by — Date/Time

Temperature on Receipt
3.7 °C
3.5

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 14A0195

YOUR Information

Company: Langan
Address: 619 River Drive
Elmwood Park, NJ
Phone No. 201-794-6900
Contact Person: Claire Zaccheo
E-Mail Address: CZaccheo@langan.com

Report To:

Company: same
Address: ↓
Phone No.
Attention: Amanda Forsberg *Chris McManus
E-Mail Address:

Invoice To:

Company: same
Address: ↓
Phone No.
Attention: Claire Zaccheo
E-Mail Address:

YOUR Project ID

525 W52 Street

Purchase Order No.

100396701

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary X
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Claire M Zaccheo
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxin/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
LMW-3/019	1/9/14 1151	W	pesticides, PCBs, SVOCs	* TO BE Run w/ samples from 1/9/14

Comments

Page 70 of 70

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Grace	1-10-14 1045

Temperature on Receipt 3.3 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Christopher McMahon

Report Date: 01/14/2014
Client Project ID: 525 W. 52nd St #100396701
York Project (SDG) No.: 14A0217

Report Date: 01/14/2014
Client Project ID: 525 W. 52nd St #100396701
York Project (SDG) No.: 14A0217

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Christopher McMahon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 10, 2014 and listed below. The project was identified as your project: **525 W. 52nd St #100396701**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14A0217-01	LSV-1/017	Soil Vapor	01/09/2014	01/10/2014
14A0217-02	LSV-2/015	Soil Vapor	01/09/2014	01/10/2014
14A0217-03	LSV-3/014	Soil Vapor	01/09/2014	01/10/2014
14A0217-04	LSV-4/012	Soil Vapor	01/09/2014	01/10/2014
14A0217-05	LSV-5/018	Soil Vapor	01/09/2014	01/10/2014
14A0217-06	Dup-3/013	Soil Vapor	01/09/2014	01/10/2014
14A0217-07	Ambient	Outdoor Ambient Ai	01/09/2014	01/10/2014

General Notes for York Project (SDG) No.: 14A0217

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 01/14/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: LSV-1/017 **York Sample ID:** 14A0217-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 3:18 pm	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.9	4.9	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.8	6.8	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.2	5.2	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.8	8.8	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.7	7.7	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
108-88-3	Toluene	**120**		ug/m³	7.3	7.3	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.7	5.7	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
127-18-4	Tetrachloroethylene	**13**		ug/m³	13	13	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
100-42-5	Styrene	**9.9**		ug/m³	8.2	8.2	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
115-07-1	Propylene	**140**		ug/m³	3.3	3.3	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	48	48	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
179601-23-1	p- & m- Xylenes	**55**		ug/m³	17	17	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
95-47-6	o-Xylene	**21**		ug/m³	8.4	8.4	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
110-54-3	n-Hexane	**50**		ug/m³	6.8	6.8	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
142-82-5	n-Heptane	**27**		ug/m³	7.9	7.9	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
75-09-2	Methylene chloride	**110**	B	ug/m³	6.7	6.7	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.0	7.0	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
108-10-1	4-Methyl-2-pentanone	**29**		ug/m³	7.9	7.9	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
67-63-0	Isopropanol	**140**		ug/m³	4.8	4.8	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
100-41-4	Ethyl Benzene	**31**		ug/m³	8.4	8.4	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
141-78-6	Ethyl acetate	ND		ug/m³	7.0	7.0	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
110-82-7	Cyclohexane	**13**		ug/m³	6.7	6.7	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.8	8.8	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.7	7.7	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
74-87-3	Chloromethane	**4.8**		ug/m³	4.0	4.0	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
67-66-3	Chloroform	ND		ug/m³	9.4	9.4	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
75-00-3	Chloroethane	ND		ug/m³	5.1	5.1	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	6.1	6.1	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
75-15-0	Carbon disulfide	**13**		ug/m³	6.0	6.0	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
74-83-9	Bromomethane	ND		ug/m³	7.5	7.5	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
75-25-2	Bromoform	ND		ug/m³	20	20	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB

Sample Information

Client Sample ID: LSV-1/017 **York Sample ID:** 14A0217-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 3:18 pm	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
71-43-2	Benzene	**43**		ug/m³	6.2	6.2	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
67-64-1	Acetone	**380**		ug/m³	4.6	4.6	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
591-78-6	2-Hexanone	ND		ug/m³	7.9	7.9	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
78-93-3	2-Butanone	**31**		ug/m³	5.7	5.7	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
123-91-1	1,4-Dioxane	ND		ug/m³	7.0	7.0	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
106-99-0	1,3-Butadiene	**39**		ug/m³	8.4	8.4	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.5	9.5	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.9	8.9	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.8	7.8	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.5	9.5	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.7	7.7	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.8	7.8	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**12**		ug/m³	11	11	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
75-71-8	Dichlorodifluoromethane	**11**		ug/m³	9.6	9.6	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.9	7.9	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB
108-90-7	Chlorobenzene	ND		ug/m³	8.9	8.9	19.02	EPA TO-15	01/13/2014 08:39	01/13/2014 17:51	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.7 %*	*70-130*

Sample Information

Client Sample ID: LSV-2/015 **York Sample ID:** 14A0217-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 12:40 pm	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.9	4.9	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.7	6.7	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.1	5.1	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.6	8.6	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.5	7.5	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
108-88-3	Toluene	**7.2**		ug/m³	7.2	7.2	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
109-99-9	Tetrahydrofuran	**6.7**		ug/m³	5.6	5.6	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
127-18-4	Tetrachloroethylene	ND		ug/m³	13	13	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
100-42-5	Styrene	ND		ug/m³	8.1	8.1	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
115-07-1	Propylene	ND		ug/m³	3.3	3.3	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	47	47	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	16	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
95-47-6	o-Xylene	ND		ug/m³	8.2	8.2	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
110-54-3	n-Hexane	ND		ug/m³	6.7	6.7	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
142-82-5	n-Heptane	ND		ug/m³	7.8	7.8	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
75-09-2	Methylene chloride	**9.9**	B	ug/m³	6.6	6.6	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.8	6.8	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
108-10-1	4-Methyl-2-pentanone	**8.6**		ug/m³	7.8	7.8	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
67-63-0	Isopropanol	**66**		ug/m³	4.7	4.7	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
100-41-4	Ethyl Benzene	ND		ug/m³	8.2	8.2	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
141-78-6	Ethyl acetate	ND		ug/m³	6.8	6.8	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
110-82-7	Cyclohexane	ND		ug/m³	6.5	6.5	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.6	8.6	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.5	7.5	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
74-87-3	Chloromethane	ND		ug/m³	3.9	3.9	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
67-66-3	Chloroform	ND		ug/m³	9.3	9.3	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
75-00-3	Chloroethane	ND		ug/m³	5.0	5.0	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	6.0	6.0	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
75-15-0	Carbon disulfide	ND		ug/m³	5.9	5.9	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
74-83-9	Bromomethane	ND		ug/m³	7.4	7.4	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
75-25-2	Bromoform	ND		ug/m³	20	20	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB

Sample Information

Client Sample ID: LSV-2/015 **York Sample ID:** 14A0217-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 12:40 pm	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
100-44-7	Benzyl chloride	ND		ug/m³	9.8	9.8	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
71-43-2	Benzene	ND		ug/m³	6.1	6.1	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
67-64-1	Acetone	**42**		ug/m³	4.5	4.5	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
591-78-6	2-Hexanone	ND		ug/m³	7.8	7.8	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
78-93-3	2-Butanone	ND		ug/m³	5.6	5.6	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
123-91-1	1,4-Dioxane	ND		ug/m³	6.8	6.8	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
106-99-0	1,3-Butadiene	ND		ug/m³	8.2	8.2	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.3	9.3	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.8	8.8	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.7	7.7	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.3	9.3	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.5	7.5	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.7	7.7	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**440**		ug/m³	11	11	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	10	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.4	9.4	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.8	7.8	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
108-90-7	Chlorobenzene	ND		ug/m³	8.7	8.7	18.67	EPA TO-15	01/13/2014 08:39	01/13/2014 18:33	RB
	Surrogate Recoveries	**Result**			**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.5 %*			*70-130*						

Sample Information

Client Sample ID: LSV-3/014 **York Sample ID:** 14A0217-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 10:24 am	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.4	4.4	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.1	6.1	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
79-01-6	Trichloroethylene	ND		ug/m³	4.7	4.7	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
108-88-3	Toluene	ND		ug/m³	6.5	6.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.1	5.1	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
100-42-5	Styrene	ND		ug/m³	7.4	7.4	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
115-07-1	Propylene	ND		ug/m³	3.0	3.0	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	43	43	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	15	15	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
95-47-6	o-Xylene	ND		ug/m³	7.5	7.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
110-54-3	n-Hexane	ND		ug/m³	6.1	6.1	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
142-82-5	n-Heptane	ND		ug/m³	7.1	7.1	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
75-09-2	Methylene chloride	**16**	B	ug/m³	6.0	6.0	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.3	6.3	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.1	7.1	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
67-63-0	Isopropanol	**38**		ug/m³	4.3	4.3	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	19	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
100-41-4	Ethyl Benzene	ND		ug/m³	7.5	7.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
141-78-6	Ethyl acetate	ND		ug/m³	6.3	6.3	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
110-82-7	Cyclohexane	ND		ug/m³	6.0	6.0	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
74-87-3	Chloromethane	ND		ug/m³	3.6	3.6	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
67-66-3	Chloroform	ND		ug/m³	8.5	8.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
75-00-3	Chloroethane	ND		ug/m³	4.6	4.6	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	5.5	5.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
75-15-0	Carbon disulfide	ND		ug/m³	5.4	5.4	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
74-83-9	Bromomethane	ND		ug/m³	6.7	6.7	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB

Sample Information

Client Sample ID: LSV-3/014 **York Sample ID:** 14A0217-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 10:24 am	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	18	18	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
100-44-7	Benzyl chloride	ND		ug/m³	9.0	9.0	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
71-43-2	Benzene	ND		ug/m³	5.5	5.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
67-64-1	Acetone	**38**		ug/m³	4.1	4.1	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
591-78-6	2-Hexanone	ND		ug/m³	7.1	7.1	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
78-93-3	2-Butanone	ND		ug/m³	5.1	5.1	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
123-91-1	1,4-Dioxane	ND		ug/m³	6.3	6.3	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
106-99-0	1,3-Butadiene	ND		ug/m³	7.5	7.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.5	8.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.0	8.0	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.0	7.0	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.5	8.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.9	6.9	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.0	7.0	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**25**		ug/m³	9.8	9.8	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.5	9.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	13	13	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.5	9.5	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.6	8.6	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.1	7.1	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB
108-90-7	Chlorobenzene	ND		ug/m³	8.0	8.0	17.08	EPA TO-15	01/13/2014 08:39	01/13/2014 19:16	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.9 %*	*70-130*

Sample Information

Client Sample ID: **LSV-3/014** **York Sample ID:** **14A0217-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 10:24 am	01/10/2014

Sample Information

Client Sample ID: LSV-4/012 **York Sample ID:** 14A0217-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 10:03 am	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.8	4.8	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.6	6.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.0	5.0	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.5	8.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.4	7.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
108-88-3	Toluene	**8.4**		ug/m³	7.0	7.0	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.5	5.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
127-18-4	Tetrachloroethylene	ND		ug/m³	13	13	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
100-42-5	Styrene	ND		ug/m³	7.9	7.9	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
115-07-1	Propylene	ND		ug/m³	3.2	3.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	46	46	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	16	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
95-47-6	o-Xylene	ND		ug/m³	8.1	8.1	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
110-54-3	n-Hexane	ND		ug/m³	6.6	6.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
142-82-5	n-Heptane	ND		ug/m³	7.6	7.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
75-09-2	Methylene chloride	**16**	B	ug/m³	6.5	6.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.7	6.7	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.6	7.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
67-63-0	Isopropanol	**26**		ug/m³	4.6	4.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
100-41-4	Ethyl Benzene	ND		ug/m³	8.1	8.1	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
141-78-6	Ethyl acetate	ND		ug/m³	6.7	6.7	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
110-82-7	Cyclohexane	ND		ug/m³	6.4	6.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.5	8.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.4	7.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
74-87-3	Chloromethane	ND		ug/m³	3.8	3.8	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
67-66-3	Chloroform	ND		ug/m³	9.1	9.1	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
75-00-3	Chloroethane	ND		ug/m³	4.9	4.9	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	5.9	5.9	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
75-15-0	Carbon disulfide	ND		ug/m³	5.8	5.8	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
74-83-9	Bromomethane	ND		ug/m³	7.2	7.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
75-25-2	Bromoform	ND		ug/m³	19	19	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB

Sample Information

Client Sample ID: LSV-4/012 **York Sample ID:** 14A0217-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 10:03 am	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
100-44-7	Benzyl chloride	ND		ug/m³	9.7	9.7	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
71-43-2	Benzene	ND		ug/m³	6.0	6.0	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
67-64-1	Acetone	**42**		ug/m³	4.4	4.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
591-78-6	2-Hexanone	ND		ug/m³	7.6	7.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
78-93-3	2-Butanone	ND		ug/m³	5.5	5.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
123-91-1	1,4-Dioxane	ND		ug/m³	6.7	6.7	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
106-99-0	1,3-Butadiene	ND		ug/m³	8.1	8.1	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.2	9.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.6	8.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.5	7.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.2	9.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.4	7.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.5	7.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	14	14	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	10	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.2	9.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.6	7.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB
108-90-7	Chlorobenzene	ND		ug/m³	8.6	8.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 19:59	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.0 %*	*70-130*

Sample Information

Client Sample ID: LSV-5/018 **York Sample ID:** 14A0217-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 2:16 pm	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.0	5.0	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.9	6.9	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.3	5.3	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.9	8.9	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.8	7.8	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
108-88-3	Toluene	**17**		ug/m³	7.4	7.4	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.8	5.8	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
127-18-4	Tetrachloroethylene	**21**		ug/m³	13	13	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
100-42-5	Styrene	ND		ug/m³	8.4	8.4	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
115-07-1	Propylene	ND		ug/m³	3.4	3.4	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	48	48	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	17	17	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
95-47-6	o-Xylene	ND		ug/m³	8.6	8.6	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
110-54-3	n-Hexane	ND		ug/m³	6.9	6.9	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
142-82-5	n-Heptane	ND		ug/m³	8.1	8.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
75-09-2	Methylene chloride	**12**	B	ug/m³	6.8	6.8	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.1	7.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.1	8.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
67-63-0	Isopropanol	**78**		ug/m³	4.8	4.8	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
100-41-4	Ethyl Benzene	ND		ug/m³	8.6	8.6	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
141-78-6	Ethyl acetate	ND		ug/m³	7.1	7.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
110-82-7	Cyclohexane	ND		ug/m³	6.8	6.8	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.9	8.9	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.8	7.8	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
74-87-3	Chloromethane	ND		ug/m³	4.1	4.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
67-66-3	Chloroform	ND		ug/m³	9.6	9.6	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
75-00-3	Chloroethane	ND		ug/m³	5.2	5.2	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	6.2	6.2	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
75-15-0	Carbon disulfide	ND		ug/m³	6.1	6.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
74-83-9	Bromomethane	ND		ug/m³	7.7	7.7	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
75-25-2	Bromoform	ND		ug/m³	20	20	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB

Sample Information

Client Sample ID: **LSV-5/018** **York Sample ID:** **14A0217-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 2:16 pm	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
71-43-2	Benzene	ND		ug/m³	6.3	6.3	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
67-64-1	Acetone	**38**		ug/m³	4.7	4.7	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
591-78-6	2-Hexanone	ND		ug/m³	8.1	8.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
78-93-3	2-Butanone	**8.7**		ug/m³	5.8	5.8	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
123-91-1	1,4-Dioxane	ND		ug/m³	7.1	7.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
106-99-0	1,3-Butadiene	ND		ug/m³	8.5	8.5	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.7	9.7	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.1	9.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.0	8.0	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.7	9.7	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.8	7.8	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.0	8.0	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.7	9.7	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	8.1	8.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB
108-90-7	Chlorobenzene	ND		ug/m³	9.1	9.1	19.38	EPA TO-15	01/13/2014 08:39	01/13/2014 20:43	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*70-130*

Sample Information

Client Sample ID: Dup-3/013 **York Sample ID:** 14A0217-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 3:00 pm	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.8	4.8	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.6	6.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.0	5.0	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.5	8.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.4	7.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
108-88-3	Toluene	**8.4**		ug/m³	7.0	7.0	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.5	5.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
127-18-4	Tetrachloroethylene	ND		ug/m³	13	13	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
100-42-5	Styrene	ND		ug/m³	7.9	7.9	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
115-07-1	Propylene	ND		ug/m³	3.2	3.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	46	46	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	16	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
95-47-6	o-Xylene	ND		ug/m³	8.1	8.1	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
110-54-3	n-Hexane	ND		ug/m³	6.6	6.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
142-82-5	n-Heptane	ND		ug/m³	7.6	7.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
75-09-2	Methylene chloride	**22**	B	ug/m³	6.5	6.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.7	6.7	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.6	7.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
67-63-0	Isopropanol	ND		ug/m³	4.6	4.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
100-41-4	Ethyl Benzene	ND		ug/m³	8.1	8.1	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
141-78-6	Ethyl acetate	ND		ug/m³	6.7	6.7	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
110-82-7	Cyclohexane	ND		ug/m³	6.4	6.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.5	8.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.4	7.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
74-87-3	Chloromethane	ND		ug/m³	3.8	3.8	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
67-66-3	Chloroform	ND		ug/m³	9.1	9.1	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
75-00-3	Chloroethane	ND		ug/m³	4.9	4.9	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	5.9	5.9	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
75-15-0	Carbon disulfide	ND		ug/m³	5.8	5.8	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
74-83-9	Bromomethane	ND		ug/m³	7.2	7.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB

Sample Information

Client Sample ID: **Dup-3/013** **York Sample ID:** **14A0217-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 3:00 pm	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	19	19	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
100-44-7	Benzyl chloride	ND		ug/m³	9.7	9.7	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
71-43-2	Benzene	ND		ug/m³	6.0	6.0	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
67-64-1	Acetone	**8.9**		ug/m³	4.4	4.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
591-78-6	2-Hexanone	ND		ug/m³	7.6	7.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
78-93-3	2-Butanone	ND		ug/m³	5.5	5.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
123-91-1	1,4-Dioxane	ND		ug/m³	6.7	6.7	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
106-99-0	1,3-Butadiene	ND		ug/m³	8.1	8.1	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.2	9.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.6	8.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.5	7.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.2	9.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.4	7.4	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.5	7.5	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	14	14	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	10	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.2	9.2	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.6	7.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB
108-90-7	Chlorobenzene	ND		ug/m³	8.6	8.6	18.33	EPA TO-15	01/13/2014 08:39	01/13/2014 21:28	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*70-130*

Sample Information

Client Sample ID: **Dup-3/013** **York Sample ID:** **14A0217-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Soil Vapor	January 9, 2014 3:00 pm	01/10/2014

Sample Information

Client Sample ID: **Ambient** **York Sample ID:** **14A0217-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Outdoor Ambient Air	January 9, 2014 8:16 am	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
108-88-3	Toluene	**2.0**		ug/m³	0.38	0.38	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
127-18-4	Tetrachloroethylene	**1.2**		ug/m³	0.69	0.69	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
115-07-1	Propylene	ND		ug/m³	0.18	0.18	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.88	0.88	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
110-54-3	n-Hexane	**1.6**		ug/m³	0.36	0.36	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
142-82-5	n-Heptane	**1.0**		ug/m³	0.42	0.42	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
75-09-2	Methylene chloride	**1.5**	B	ug/m³	0.35	0.35	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
108-10-1	4-Methyl-2-pentanone	**0.46**		ug/m³	0.42	0.42	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
67-63-0	Isopropanol	**1.7**		ug/m³	0.25	0.25	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
141-78-6	Ethyl acetate	**2.0**		ug/m³	0.37	0.37	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
110-82-7	Cyclohexane	**0.63**		ug/m³	0.35	0.35	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
74-87-3	Chloromethane	**1.6**		ug/m³	0.21	0.21	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
56-23-5	Carbon tetrachloride	**0.90**		ug/m³	0.32	0.32	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
75-15-0	Carbon disulfide	**0.92**		ug/m³	0.32	0.32	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB

Sample Information

Client Sample ID: **Ambient** **York Sample ID:** **14A0217-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0217	525 W. 52nd St #100396701	Outdoor Ambient Air	January 9, 2014 8:16 am	01/10/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
71-43-2	Benzene	**1.6**		ug/m³	0.32	0.32	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
67-64-1	Acetone	**12**		ug/m³	0.24	0.24	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
78-93-3	2-Butanone	**3.2**		ug/m³	0.30	0.30	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**1.5**		ug/m³	0.57	0.57	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	**1.2**		ug/m³	0.78	0.78	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
75-71-8	Dichlorodifluoromethane	**3.2**		ug/m³	0.50	0.50	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA TO-15	01/13/2014 08:39	01/13/2014 12:31	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*84.7 %*	*70-130*

Analytical Batch Summary

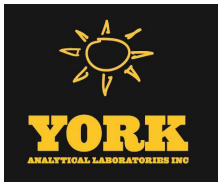
Batch ID: BA40330 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14A0217-01	LSV-1/017	01/13/14
14A0217-02	LSV-2/015	01/13/14
14A0217-03	LSV-3/014	01/13/14
14A0217-04	LSV-4/012	01/13/14
14A0217-05	LSV-5/018	01/13/14
14A0217-06	Dup-3/013	01/13/14
14A0217-07	Ambient	01/13/14
BA40330-BLK1	Blank	01/13/14
BA40330-BS1	LCS	01/13/14
BA40330-DUP1	Duplicate	01/13/14

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40330 - EPA TO15 PREP											
Blank (BA40330-BLK1)											Prepared & Analyzed: 01/13/2014
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	0.60	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40330 - EPA TO15 PREP											
Blank (BA40330-BLK1)								Prepared & Analyzed: 01/13/2014			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*8.59*		*ppbv*	*10.0*		*85.9*	*70-130*				
LCS (BA40330-BS1)								Prepared & Analyzed: 01/13/2014			
Vinyl Chloride	8.20		ppbv	10.5		78.1	70-130				
Vinyl acetate	11.5		"	10.4		110	58.1-135				
Trichloroethylene	9.60		"	10.6		90.6	70-130				
trans-1,3-Dichloropropylene	10.2		"	11.5		88.4	62-135				
trans-1,2-Dichloroethylene	9.27		"	10.3		90.0	58.3-130				
Toluene	10.7		"	11.0		97.3	64.9-126				
Tetrahydrofuran	11.8		"	10.8		109	44.6-146				
Tetrachloroethylene	11.2		"	10.8		104	70-130				
Styrene	12.5		"	10.9		114	66.4-132				
Propylene	9.64		"	11.5		83.8	62.4-150				
p-Ethyltoluene	11.4		"	10.4		110	73.8-146				
p- & m- Xylenes	21.5		"	21.8		98.8	56.6-136				
o-Xylene	11.0		"	11.0		99.8	67.8-133				
n-Hexane	11.1		"	10.9		102	59.7-130				
n-Heptane	11.8		"	10.9		109	62.3-134				
Methylene chloride	7.33		"	9.70		75.6	62.6-130				
Methyl tert-butyl ether (MTBE)	10.1		"	10.3		97.7	60.7-139				
4-Methyl-2-pentanone	11.3		"	10.6		106	64.5-158				
Isopropanol	6.36		"	10.9		58.3	60-150	Low Bias			
Hexachlorobutadiene	9.95		"	10.2		97.5	61.2-150				
Ethyl Benzene	10.9		"	11.0		99.1	68.4-125				
Ethyl acetate	11.3		"	11.0		103	40.6-150				
Cyclohexane	11.5		"	10.8		107	60.4-127				
cis-1,3-Dichloropropylene	10.3		"	10.9		94.1	65.5-129				
cis-1,2-Dichloroethylene	10.4		"	10.8		96.4	51.3-118				
Chloromethane	7.82		"	10.3		75.9	64.9-130				
Chloroform	8.88		"	11.0		80.7	65.1-130				
Chloroethane	8.43		"	10.3		81.8	52.1-131				
Carbon tetrachloride	7.65		"	10.5		72.9	70-130				
Carbon disulfide	9.60		"	10.5		91.4	61.8-111				
Bromomethane	7.88		"	10.5		75.0	60.1-140				
Bromoform	10.7		"	10.9		98.3	58.7-150				
Bromodichloromethane	8.12		"	10.6		76.6	65.3-127				
Benzyl chloride	10.2		"	10.8		94.9	62.5-150				
Benzene	10.9		"	10.8		101	69.5-130				
Acetone	7.67		"	11.0		69.7	55.3-133				
2-Hexanone	9.04		"	10.9		82.9	52-150				
2-Butanone	10.6		"	10.9		97.7	28.5-154				
1,4-Dioxane	11.4		"	10.6		108	50-150				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40330 - EPA TO15 PREP											
LCS (BA40330-BS1)								Prepared & Analyzed: 01/13/2014			
1,4-Dichlorobenzene	11.9		ppbv	10.9		109	62.5-139				
1,3-Dichlorobenzene	11.8		"	10.8		109	71.9-153				
1,3-Butadiene	8.84		"	10.9		81.1	66.7-127				
1,3,5-Trimethylbenzene	10.9		"	11.0		99.2	65-152				
1,2-Dichlorotetrafluoroethane	7.69		"	10.5		73.2	63.3-129				
1,2-Dichloropropane	11.0		"	11.0		99.5	21.3-152				
1,2-Dichloroethane	7.69		"	10.7		71.9	51.2-124				
1,2-Dichlorobenzene	11.2		"	10.7		104	63.7-148				
1,2,4-Trimethylbenzene	11.3		"	11.0		103	67.9-152				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	58-147				
1,1-Dichloroethylene	7.67		"	9.60		79.9	58.1-130				
1,1-Dichloroethane	9.48		"	10.3		92.0	63.3-130				
Trichlorofluoromethane (Freon 11)	6.21		"	11.0		56.5	56-132				
1,1,2-Trichloroethane	10.4		"	11.0		94.8	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.91		"	9.20		86.0	60.2-125				
1,1,2,2-Tetrachloroethane	11.0		"	11.0		99.8	63.7-132				
1,1,1-Trichloroethane	7.58		"	10.5		72.2	58.2-126				
Dichlorodifluoromethane	6.83		"	10.2		67.0	62.8-133				
1,2-Dibromoethane	10.4		"	11.0		95.0	70-130				
Dibromochloromethane	9.21		"	10.7		86.1	70-130				
Methyl Methacrylate	9.53		"	10.7		89.1	70-130				
Chlorobenzene	11.4		"	11.0		104	67.6-122				
Surrogate: p-Bromofluorobenzene	*8.79*		*"*	*10.0*		*87.9*	*70-130*				
Duplicate (BA40330-DUP1)	*Source sample: 14A0217-07 (Ambient)							Prepared & Analyzed: 01/13/2014			
Vinyl Chloride	ND	0.26	ug/m³		ND					25	
Vinyl acetate	ND	0.36	"		ND					25	
Trichloroethylene	ND	0.27	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.46	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.40	"		ND					25	
Toluene	1.8	0.38	"		2.0				9.90	25	
Tetrahydrofuran	ND	0.30	"		ND					25	
Tetrachloroethylene	1.2	0.69	"		1.2				5.71	25	
Styrene	ND	0.43	"		ND					25	
Propylene	ND	0.18	"		ND					25	
p-Ethyltoluene	ND	2.5	"		ND					25	
p- & m- Xylenes	ND	0.88	"		ND					25	
o-Xylene	ND	0.44	"		ND					25	
n-Hexane	1.5	0.36	"		1.6				7.06	25	
n-Heptane	0.92	0.42	"		1.0				8.70	25	
Methylene chloride	1.4	0.35	"		1.5				7.41	25	
Methyl tert-butyl ether (MTBE)	ND	0.37	"		ND					25	
4-Methyl-2-pentanone	ND	0.42	"		0.46					25	
Isopropanol	1.0	0.25	"		1.7				47.3	25	Non-dir.
Hexachlorobutadiene	ND	1.1	"		ND					25	
Ethyl Benzene	ND	0.44	"		ND					25	
Ethyl acetate	2.1	0.37	"		2.0				1.80	25	
Cyclohexane	0.63	0.35	"		0.63				0.00	25	
cis-1,3-Dichloropropylene	ND	0.46	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.40	"		ND					25	
Chloromethane	1.5	0.21	"		1.6				5.56	25	
Chloroform	ND	0.50	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40330 - EPA TO15 PREP											
Duplicate (BA40330-DUP1)	*Source sample: 14A0217-07 (Ambient)								Prepared & Analyzed: 01/13/2014		
Chloroethane	ND	0.27	ug/m³		ND					25	
Carbon tetrachloride	0.83	0.32	"		0.90				7.41	25	
Carbon disulfide	0.89	0.32	"		0.92				3.51	25	
Bromomethane	ND	0.39	"		ND					25	
Bromoform	ND	1.1	"		ND					25	
Bromodichloromethane	ND	0.63	"		ND					25	
Benzyl chloride	ND	0.53	"		ND					25	
Benzene	1.5	0.32	"		1.6				6.19	25	
Acetone	12	0.24	"		12				4.90	25	
2-Hexanone	ND	0.42	"		ND					25	
2-Butanone	3.1	0.30	"		3.2				4.78	25	
1,4-Dioxane	ND	0.37	"		ND					25	
1,4-Dichlorobenzene	ND	0.61	"		ND					25	
1,3-Dichlorobenzene	ND	0.61	"		ND					25	
1,3-Butadiene	ND	0.44	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.50	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.71	"		ND					25	
1,2-Dichloropropane	ND	0.47	"		ND					25	
1,2-Dichloroethane	ND	0.41	"		ND					25	
1,2-Dichlorobenzene	ND	0.61	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.50	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.75	"		ND					25	
1,1-Dichloroethylene	ND	0.40	"		ND					25	
1,1-Dichloroethane	ND	0.41	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.5	0.57	"		1.5				3.77	25	
1,1,2-Trichloroethane	ND	0.55	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.2	0.78	"		1.2				6.45	25	
1,1,2,2-Tetrachloroethane	ND	0.70	"		ND					25	
1,1,1-Trichloroethane	ND	0.55	"		ND					25	
Dichlorodifluoromethane	3.0	0.50	"		3.2				4.88	25	
1,2-Dibromoethane	ND	0.78	"		ND					25	
Dibromochloromethane	ND	0.82	"		ND					25	
Methyl Methacrylate	ND	0.42	"		ND					25	
Chlorobenzene	ND	0.47	"		ND					25	
Surrogate: p-Bromofluorobenzene	*8.88*		*ppbv*	*10.0*		*88.8*	*70-130*				

Notes and Definitions

B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 14A0217

YOUR Information
Company: Langan
Address: 619 River drive
Elmwood park, NJ
Phone No. 201-794-6900
Contact Person: Claire Zaccheo
E-Mail Address: Zacchec@langan.com

Report To:
Company: Same
Address:
Phone No.
Attention: Amanda Forsburg, Sarah McMahon
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention: Claire Zaccheo
E-Mail Address:

YOUR Project ID
525 W52 St.

Purchase Order No.
100396701

Samples from: CT___ NY___ NJ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type/Deliverables
- Summary Report ___
- Summary w/ QA Summary X
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg ___
- NJDEP Reduced ___

Electronic Deliverables:
- EDD (Specify Type) ___
- Standard Excel ___
- Regulatory Comparison Excel X

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Claire Zaccheo
Samples Collected/Authorized By (Signature)

Claire M Zaccheo
Name (printed)

Air Matrix Codes
- A1 - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses
- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- **Project Specific List by TO-15**
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER ___

Detection Limits Required
- ≤ 1 ug/m³ ___
- NYSDEC VI Limits X (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other ___

Special Instructions
USEPA

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
LSV-1/017	1/9/14 1518	AS	-25	-5	TO-15	6 Liter Summa canister X / Tedlar Bag ___
LSV-2/015	1240	AS	-29	-5	TO-15	6 Liter Summa canister X / Tedlar Bag ___
LSV-3/014	1024	AS	-29.5	-5.5	TO-15	6 Liter Summa canister X / Tedlar Bag ___
LSV-4/012	1003	AS	-30	-4.5		6 Liter Summa canister X / Tedlar Bag ___
LSV-5/010	1416	AS	-30	-5		6 Liter Summa canister X / Tedlar Bag ___
DUP-3/013	~~CT~~	AS	-29	-1.5		6 Liter Summa canister X / Tedlar Bag ___
Ambient	1/9/14 910	AO	<-30	0		6 Liter Summa canister X / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___

Comments
Accidentally ended up pulling the extra 6Ltr canister for about an hour **

Claire Zaccheo 1/9/14 1730
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Joseph Herrera 1/10/14 12:15
Samples Received By Date/Time

P Saca 1-10-14 1845
Samples Received in LAB by Date/Time

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Amanda Forsburg

Report Date: 10/20/2014
Client Project ID: 525 W 52nd St.
York Project (SDG) No.: 14J0499

Report Date: 10/20/2014
Client Project ID: 525 W 52nd St.
York Project (SDG) No.: 14J0499

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Amanda Forsburg

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 13, 2014 and listed below. The project was identified as your project: **525 W 52nd St.**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14J0499-02	021/LSV-6	Soil Vapor	10/10/2014	10/13/2014

General Notes for York Project (SDG) No.: 14J0499

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 10/20/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: 021/LSV-6 **York Sample ID:** 14J0499-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0499	525 W 52nd St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.067	0.067	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.37	0.37	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
79-01-6	**Trichloroethylene**	**0.34**		ug/m³	0.14	0.14	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.48	0.48	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.42	0.42	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
108-88-3	**Toluene**	**49**		ug/m³	0.40	0.40	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.31	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
127-18-4	**Tetrachloroethylene**	**28**		ug/m³	0.18	0.18	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
100-42-5	Styrene	ND		ug/m³	0.45	0.45	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
115-07-1	* Propylene	ND		ug/m³	0.18	0.18	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
622-96-8	*** p-Ethyltoluene**	**16**		ug/m³	0.52	0.52	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
179601-23-1	**p- & m- Xylenes**	**36**		ug/m³	0.92	0.92	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
95-47-6	**o-Xylene**	**10**		ug/m³	0.46	0.46	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
110-54-3	**n-Hexane**	**4.7**		ug/m³	0.37	0.37	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
142-82-5	**n-Heptane**	**3.7**		ug/m³	0.43	0.43	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
75-09-2	**Methylene chloride**	**3.0**		ug/m³	0.73	0.73	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	0.38	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.43	0.43	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
67-63-0	**Isopropanol**	**1.7**		ug/m³	0.52	0.52	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
100-41-4	**Ethyl Benzene**	**8.3**		ug/m³	0.46	0.46	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	0.76	0.76	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
110-82-7	**Cyclohexane**	**0.62**		ug/m³	0.36	0.36	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.48	0.48	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.42	0.42	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
74-87-3	**Chloromethane**	**0.63**		ug/m³	0.22	0.22	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
67-66-3	**Chloroform**	**1.5**		ug/m³	0.51	0.51	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
75-00-3	Chloroethane	ND		ug/m³	0.28	0.28	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.17	0.17	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
75-15-0	**Carbon disulfide**	**1.3**		ug/m³	0.33	0.33	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
74-83-9	Bromomethane	ND		ug/m³	0.41	0.41	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.65	0.65	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.55	0.55	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
71-43-2	**Benzene**	**2.6**		ug/m³	0.34	0.34	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
67-64-1	**Acetone**	**58**		ug/m³	0.25	0.25	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD

Sample Information

Client Sample ID: 021/LSV-6 **York Sample ID:** 14J0499-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0499	525 W 52nd St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.86	0.86	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
78-93-3	**2-Butanone**	**5.7**		ug/m³	0.31	0.31	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.38	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.63	0.63	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.63	0.63	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.46	0.46	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**5.2**		ug/m³	0.52	0.52	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.74	0.74	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.49	0.49	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.43	0.43	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.63	0.63	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**35**		ug/m³	0.52	0.52	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.78	0.78	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.42	0.42	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.43	0.43	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**30**		ug/m³	0.59	0.59	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.57	0.57	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.81	0.81	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.72	0.72	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
71-55-6	**1,1,1-Trichloroethane**	**0.98**		ug/m³	0.57	0.57	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.52	0.52	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.81	0.81	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.85	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.43	0.43	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.49	0.49	1.0538	EPA TO-15	10/19/2014 07:38	10/19/2014 07:38	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.5 %*	*72-118*

Analytical Batch Summary

Batch ID: BJ40982 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14J0499-02	021/LSV-6	10/19/14
BJ40982-BLK1	Blank	10/18/14
BJ40982-BS1	LCS	10/18/14
BJ40982-DUP1	Duplicate	10/19/14

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40982 - EPA TO15 PREP											
Blank (BJ40982-BLK1)									Prepared & Analyzed: 10/18/2014		
Vinyl Chloride	ND	0.064	ug/m³								
Vinyl acetate	ND	0.35	"								
Trichloroethylene	ND	0.13	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.29	"								
Tetrachloroethylene	ND	0.17	"								
Styrene	ND	0.43	"								
Propylene	ND	0.17	"								
p-Ethyltoluene	ND	0.49	"								
p- & m- Xylenes	ND	0.87	"								
o-Xylene	ND	0.43	"								
n-Hexane	ND	0.35	"								
n-Heptane	ND	0.41	"								
Methylene chloride	ND	0.69	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
4-Methyl-2-pentanone	ND	0.41	"								
Isopropanol	ND	0.49	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.43	"								
Ethyl acetate	ND	0.72	"								
Cyclohexane	ND	0.34	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.49	"								
Chloroethane	ND	0.26	"								
Carbon tetrachloride	ND	0.16	"								
Carbon disulfide	ND	0.31	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.0	"								
Bromodichloromethane	ND	0.62	"								
Benzyl chloride	ND	0.52	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.82	"								
2-Butanone	ND	0.29	"								
1,4-Dioxane	ND	0.36	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Butadiene	ND	0.43	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.40	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40982 - EPA TO15 PREP											
Blank (BJ40982-BLK1)								Prepared & Analyzed: 10/18/2014			
Trichlorofluoromethane (Freon 11)	ND	0.56	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
Dibromochloromethane	ND	0.80	"								
Methyl Methacrylate	ND	0.41	"								
Chlorobenzene	ND	0.46	"								
Surrogate: p-Bromofluorobenzene	*9.50*		*ppbv*	*9.60*		*99.0*	*72-118*				
LCS (BJ40982-BS1)								Prepared & Analyzed: 10/18/2014			
Vinyl Chloride	10.8		ppbv	9.70		112	70-130				
Vinyl acetate	6.20		"	10.8		57.4	70-130	Low Bias			
Trichloroethylene	8.29		"	9.90		83.7	70-130				
trans-1,3-Dichloropropylene	9.88		"	10.9		90.6	70-130				
trans-1,2-Dichloroethylene	9.01		"	9.70		92.9	70-130				
Toluene	9.79		"	10.4		94.1	70-130				
Tetrahydrofuran	7.80		"	9.20		84.8	70-130				
Tetrachloroethylene	8.45		"	10.0		84.5	70-130				
Styrene	10.2		"	10.3		98.6	70-130				
Propylene	8.99		"	10.4		86.4	70-130				
p-Ethyltoluene	9.70		"	10.1		96.0	70-130				
p- & m- Xylenes	19.7		"	20.2		97.7	70-130				
o-Xylene	10.0		"	10.5		95.2	70-130				
n-Hexane	9.07		"	10.0		90.7	70-130				
n-Heptane	8.91		"	10.3		86.5	70-130				
Methylene chloride	8.85		"	9.90		89.4	70-130				
Methyl tert-butyl ether (MTBE)	9.09		"	9.80		92.8	70-130				
4-Methyl-2-pentanone	7.67		"	9.20		83.4	70-130				
Isopropanol	7.73		"	9.20		84.0	70-130				
Hexachlorobutadiene	9.50		"	9.90		96.0	70-130				
Ethyl Benzene	9.57		"	10.3		92.9	70-130				
Ethyl acetate	10.9		"	8.50		128	70-130				
Cyclohexane	9.08		"	10.1		89.9	70-130				
cis-1,3-Dichloropropylene	9.44		"	10.5		89.9	70-130				
cis-1,2-Dichloroethylene	9.91		"	10.3		96.2	70-130				
Chloromethane	12.2		"	9.70		126	70-130				
Chloroform	9.60		"	10.1		95.0	70-130				
Chloroethane	9.60		"	9.90		97.0	70-130				
Carbon tetrachloride	8.76		"	10.2		85.9	70-130				
Carbon disulfide	9.59		"	10.5		91.3	70-130				
Bromomethane	9.94		"	9.90		100	70-130				
Bromoform	9.81		"	10.1		97.1	70-130				
Bromodichloromethane	9.90		"	9.90		100	70-130				
Benzyl chloride	11.4		"	10.2		111	70-130				
Benzene	9.88		"	10.2		96.9	70-130				
Acetone	8.55		"	9.80		87.2	70-130				
2-Hexanone	7.65		"	9.30		82.3	70-130				
2-Butanone	8.80		"	9.40		93.6	70-130				
1,4-Dioxane	7.28		"	9.90		73.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40982 - EPA TO15 PREP											
LCS (BJ40982-BS1)								Prepared & Analyzed: 10/18/2014			
1,4-Dichlorobenzene	9.64		ppbv	10.2		94.5	70-130				
1,3-Dichlorobenzene	9.65		"	10.2		94.6	70-130				
1,3-Butadiene	12.4		"	10.1		123	70-130				
1,3,5-Trimethylbenzene	9.44		"	10.2		92.5	70-130				
1,2-Dichlorotetrafluoroethane	9.97		"	10.2		97.7	70-130				
1,2-Dichloropropane	9.48		"	10.3		92.0	70-130				
1,2-Dichloroethane	9.13		"	10.1		90.4	70-130				
1,2-Dichlorobenzene	9.70		"	10.1		96.0	70-130				
1,2,4-Trimethylbenzene	9.59		"	10.2		94.0	70-130				
1,2,4-Trichlorobenzene	11.9		"	9.60		124	70-130				
1,1-Dichloroethylene	9.25		"	10.0		92.5	70-130				
1,1-Dichloroethane	9.45		"	10.0		94.5	70-130				
Trichlorofluoromethane (Freon 11)	10.2		"	10.5		96.9	70-130				
1,1,2-Trichloroethane	9.93		"	10.3		96.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.42		"	9.70		97.1	70-130				
1,1,2,2-Tetrachloroethane	9.98		"	10.5		95.0	70-130				
1,1,1-Trichloroethane	9.18		"	9.90		92.7	70-130				
Dichlorodifluoromethane	8.97		"	10.0		89.7	70-130				
1,2-Dibromoethane	9.79		"	10.3		95.0	70-130				
Dibromochloromethane	10.5		"	10.3		102	70-130				
Methyl Methacrylate	9.06		"	9.50		95.4	70-130				
Chlorobenzene	9.39		"	10.4		90.3	70-130				
Surrogate: p-Bromofluorobenzene	*9.77*		*"*	*9.60*		*102*	*72-118*				
Duplicate (BJ40982-DUP1)	*Source sample: 14J0499-02 (021/LSV-6)							Prepared & Analyzed: 10/19/2014			
Vinyl Chloride	ND	0.067	ug/m³		ND					25	
Vinyl acetate	ND	0.37	"		ND					25	
Trichloroethylene	0.28	0.14	"		0.34				18.2	25	
trans-1,3-Dichloropropylene	ND	0.48	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.42	"		ND					25	
Toluene	49	0.40	"		49				0.326	25	
Tetrahydrofuran	ND	0.31	"		ND					25	
Tetrachloroethylene	20	0.18	"		28				35.4	25	Non-dir.
Styrene	ND	0.45	"		ND					25	
Propylene	ND	0.18	"		ND					25	
p-Ethyltoluene	16	0.52	"		16				1.65	25	
p- & m- Xylenes	35	0.92	"		36				0.386	25	
o-Xylene	10	0.46	"		10				0.877	25	
n-Hexane	4.8	0.37	"		4.7				0.784	25	
n-Heptane	3.6	0.43	"		3.7				1.18	25	
Methylene chloride	3.0	0.73	"		3.0				0.00	25	
Methyl tert-butyl ether (MTBE)	ND	0.38	"		ND					25	
4-Methyl-2-pentanone	ND	0.43	"		ND					25	
Isopropanol	1.5	0.52	"		1.7				13.1	25	
Hexachlorobutadiene	ND	1.1	"		ND					25	
Ethyl Benzene	8.4	0.46	"		8.3				0.548	25	
Ethyl acetate	ND	0.76	"		ND					25	
Cyclohexane	0.62	0.36	"		0.62				0.00	25	
cis-1,3-Dichloropropylene	ND	0.48	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.42	"		ND					25	
Chloromethane	0.65	0.22	"		0.63				3.39	25	
Chloroform	1.4	0.51	"		1.5				3.51	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40982 - EPA TO15 PREP											
Duplicate (BJ40982-DUP1)	*Source sample: 14J0499-02 (021/LSV-6)								Prepared & Analyzed: 10/19/2014		
Chloroethane	ND	0.28	ug/m³		ND					25	
Carbon tetrachloride	ND	0.17	"		ND					25	
Carbon disulfide	1.3	0.33	"		1.3				2.47	25	
Bromomethane	ND	0.41	"		ND					25	
Bromoform	ND	1.1	"		ND					25	
Bromodichloromethane	ND	0.65	"		ND					25	
Benzyl chloride	ND	0.55	"		ND					25	
Benzene	2.6	0.34	"		2.6				0.00	25	
Acetone	58	0.25	"		58				1.17	25	
2-Hexanone	ND	0.86	"		ND					25	
2-Butanone	5.7	0.31	"		5.7				1.09	25	
1,4-Dioxane	ND	0.38	"		ND					25	
1,4-Dichlorobenzene	ND	0.63	"		ND					25	
1,3-Dichlorobenzene	ND	0.63	"		ND					25	
1,3-Butadiene	ND	0.46	"		ND					25	
1,3,5-Trimethylbenzene	5.1	0.52	"		5.2				3.02	25	
1,2-Dichlorotetrafluoroethane	ND	0.74	"		ND					25	
1,2-Dichloropropane	ND	0.49	"		ND					25	
1,2-Dichloroethane	ND	0.43	"		ND					25	
1,2-Dichlorobenzene	ND	0.63	"		ND					25	
1,2,4-Trimethylbenzene	34	0.52	"		35				2.71	25	
1,2,4-Trichlorobenzene	ND	0.78	"		ND					25	
1,1-Dichloroethylene	ND	0.42	"		ND					25	
1,1-Dichloroethane	ND	0.43	"		ND					25	
Trichlorofluoromethane (Freon 11)	30	0.59	"		30				2.37	25	
1,1,2-Trichloroethane	ND	0.57	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.81	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.72	"		ND					25	
1,1,1-Trichloroethane	0.98	0.57	"		0.98				0.00	25	
Dichlorodifluoromethane	1.8	0.52	"		1.7				5.88	25	
1,2-Dibromoethane	ND	0.81	"		ND					25	
Dibromochloromethane	ND	0.85	"		ND					25	
Methyl Methacrylate	ND	0.43	"		ND					25	
Chlorobenzene	ND	0.49	"		ND					25	
Surrogate: p-Bromofluorobenzene	*9.48*		*ppbv*	*9.60*		*98.7*	*72-118*				

Notes and Definitions

QR-A The RPD exceeded control limits due to the analyte result being < 5 times the Limit of Quantitation causing variability. The batch LCS meets acceptance criteria.

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 14J0499

YOUR Information	**Report To:**	**Invoice To:**
Company: LANGAN	Company: SAME	Company: SAME
Address: 619 RIVER DR	Address:	Address:
Elmwood PARK NJ		
Phone No. 201 794 6900	Phone No.	Phone No.
Contact Person: AMANDA	Attention:	Attention:
E-Mail Address: AFORSBURG@LANGAN.com	E-Mail Address:	E-Mail Address:

YOUR Project ID: 525 W 52ND ST.

Purchase Order No.: 100400601

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type/Deliverables

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- NY ASP A Package
- NY ASP B/CLP Pkg X
- NJDEP Reduced
- *Electronic Deliverables:*
- EDD (Specify Type)
- Standard Excel X
- Regulatory Comparison Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

KEN LUKAS
Name (printed)

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- **Project Specific List by TO-15**
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER

Detection Limits Required

- ≤ 1 ug/m³
- NYSDEC VI Limits (VI =vapor intrusion)
- NJDEP low level
- Routine Survey
- Other NYSDOH

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
020 / LSV-7	10/10/14	AS	-29	-5	TO-15	6 Liter Summa canister 1 Tedlar Bag
021 / LSV-6	10/10/14	AS	<-30	-5	TO-15	6 Liter Summa canister 1 Tedlar Bag
~~022 / LSV-5~~	~~10/10/14~~	~~AS~~	~~-29.5~~	~~-5~~	~~TO-15~~	~~6 Liter Summa canister 1 Tedlar Bag~~
~~023 / DUP-1~~	~~10/10/14~~	~~AS~~	~~<-30.0~~	~~-6.5~~	~~TO-15~~	~~6 Liter Summa canister 1 Tedlar Bag~~
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___

Comments

Samples Relinquished By — Date/Time: 10/10/14 1600

Samples Relinquished By — Date/Time:

Samples Received By: P. PARK — Date/Time: 10/10/14 1600

Samples Received in LAB by: Grace 10-13-14 1750 — Date/Time:

Joseph 10/13/14

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Amanda Forsburg

Report Date: 10/20/2014
Client Project ID: 530-548 W 53rd. St.
York Project (SDG) No.: 14J0503

Report Date: 10/20/2014
Client Project ID: 530-548 W 53rd. St.
York Project (SDG) No.: 14J0503

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Amanda Forsburg

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 13, 2014 and listed below. The project was identified as your project: **530-548 W 53rd. St.**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14J0503-01	019/LSV-3	Soil Vapor	10/10/2014	10/13/2014
14J0503-02	022/LSV-5	Soil Vapor	10/10/2014	10/13/2014
14J0503-03	023/Dup-1	Soil Vapor	10/10/2014	10/13/2014
14J0503-04	028/LSV-4	Soil Vapor	10/11/2014	10/13/2014
14J0503-05	029/LSV-2	Soil Vapor	10/11/2014	10/13/2014
14J0503-06	020/LSV-7	Soil Vapor	10/10/2014	10/13/2014

General Notes for York Project (SDG) No.: 14J0503

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 10/20/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: 019/LSV-3 **York Sample ID:** 14J0503-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.63	0.63	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
108-05-4	Vinyl acetate	ND		ug/m³	3.5	3.5	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
79-01-6	**Trichloroethylene**	**14**		ug/m³	1.3	1.3	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.5	4.5	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.9	3.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
108-88-3	**Toluene**	**47**		ug/m³	3.7	3.7	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	2.9	2.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
127-18-4	**Tetrachloroethylene**	**130**		ug/m³	1.7	1.7	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
100-42-5	Styrene	ND		ug/m³	4.2	4.2	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
115-07-1	* Propylene	ND		ug/m³	1.7	1.7	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
622-96-8	*** p-Ethyltoluene**	**39**		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
179601-23-1	**p- & m- Xylenes**	**51**		ug/m³	8.6	8.6	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
95-47-6	**o-Xylene**	**15**		ug/m³	4.3	4.3	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
110-54-3	n-Hexane	ND		ug/m³	3.5	3.5	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
142-82-5	n-Heptane	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
75-09-2	Methylene chloride	ND		ug/m³	6.9	6.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.6	3.6	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
67-63-0	**Isopropanol**	**4.9**		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	11	11	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
100-41-4	**Ethyl Benzene**	**11**		ug/m³	4.3	4.3	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	7.1	7.1	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
110-82-7	Cyclohexane	ND		ug/m³	3.4	3.4	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.5	4.5	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	3.9	3.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
74-87-3	Chloromethane	ND		ug/m³	2.0	2.0	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
67-66-3	**Chloroform**	**18**		ug/m³	4.8	4.8	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
75-00-3	Chloroethane	ND		ug/m³	2.6	2.6	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.6	1.6	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
75-15-0	Carbon disulfide	ND		ug/m³	3.1	3.1	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
74-83-9	Bromomethane	ND		ug/m³	3.8	3.8	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
75-25-2	Bromoform	ND		ug/m³	10	10	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	6.1	6.1	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
100-44-7	Benzyl chloride	ND		ug/m³	5.1	5.1	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
71-43-2	Benzene	ND		ug/m³	3.2	3.2	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD

Sample Information

Client Sample ID: 019/LSV-3 **York Sample ID:** 14J0503-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**36**		ug/m³	2.3	2.3	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	8.1	8.1	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
78-93-3	2-Butanone	ND		ug/m³	2.9	2.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	3.6	3.6	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	5.9	5.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	5.9	5.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	4.3	4.3	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**15**		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	6.9	6.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	4.6	4.6	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	5.9	5.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**120**		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	7.3	7.3	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	3.9	3.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	5.6	5.6	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	5.4	5.4	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	7.6	7.6	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	6.8	6.8	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	5.4	5.4	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	7.6	7.6	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	7.9	7.9	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD
108-90-7	Chlorobenzene	ND		ug/m³	4.5	4.5	9.88	EPA TO-15	10/18/2014 20:56	10/18/2014 20:56	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*72-118*

Sample Information

Client Sample ID: 022/LSV-5 **York Sample ID:** 14J0503-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Sample Information

Client Sample ID: 022/LSV-5 **York Sample ID:** 14J0503-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.63	0.63	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
108-05-4	Vinyl acetate	ND		ug/m³	3.5	3.5	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
79-01-6	Trichloroethylene	ND		ug/m³	1.3	1.3	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.5	4.5	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.9	3.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
108-88-3	**Toluene**	**20**		ug/m³	3.7	3.7	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	2.9	2.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
127-18-4	**Tetrachloroethylene**	**18**		ug/m³	1.7	1.7	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
100-42-5	Styrene	ND		ug/m³	4.2	4.2	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
115-07-1	* Propylene	ND		ug/m³	1.7	1.7	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
622-96-8	*** p-Ethyltoluene**	**8.3**		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
179601-23-1	**p- & m- Xylenes**	**20**		ug/m³	8.6	8.6	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
95-47-6	**o-Xylene**	**6.0**		ug/m³	4.3	4.3	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
110-54-3	**n-Hexane**	**36**		ug/m³	3.5	3.5	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
142-82-5	n-Heptane	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
75-09-2	**Methylene chloride**	**46**		ug/m³	6.9	6.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.6	3.6	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
67-63-0	Isopropanol	ND		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	11	11	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
100-41-4	**Ethyl Benzene**	**5.1**		ug/m³	4.3	4.3	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	7.1	7.1	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
110-82-7	Cyclohexane	ND		ug/m³	3.4	3.4	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.5	4.5	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	3.9	3.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
74-87-3	Chloromethane	ND		ug/m³	2.0	2.0	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
67-66-3	**Chloroform**	**11**		ug/m³	4.8	4.8	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
75-00-3	Chloroethane	ND		ug/m³	2.6	2.6	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.6	1.6	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
75-15-0	Carbon disulfide	ND		ug/m³	3.1	3.1	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
74-83-9	Bromomethane	ND		ug/m³	3.8	3.8	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
75-25-2	Bromoform	ND		ug/m³	10	10	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	6.1	6.1	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
100-44-7	Benzyl chloride	ND		ug/m³	5.1	5.1	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
71-43-2	Benzene	ND		ug/m³	3.2	3.2	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
67-64-1	**Acetone**	**34**		ug/m³	2.3	2.3	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	8.1	8.1	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD

Sample Information

Client Sample ID: 022/LSV-5 **York Sample ID:** 14J0503-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**3.2**		ug/m³	2.9	2.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	3.6	3.6	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	5.9	5.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	5.9	5.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	4.3	4.3	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	6.9	6.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	4.6	4.6	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	5.9	5.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**17**		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	7.3	7.3	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	3.9	3.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**390**		ug/m³	5.6	5.6	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	5.4	5.4	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	7.6	7.6	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	6.8	6.8	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
71-55-6	**1,1,1-Trichloroethane**	**6.5**		ug/m³	5.4	5.4	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
75-71-8	**Dichlorodifluoromethane**	**5.4**		ug/m³	4.9	4.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	7.6	7.6	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	7.9	7.9	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	4.0	4.0	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD
108-90-7	Chlorobenzene	ND		ug/m³	4.5	4.5	9.88	EPA TO-15	10/18/2014 21:47	10/18/2014 21:47	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.4 %*	*72-118*

Sample Information

Client Sample ID: 023/Dup-1 **York Sample ID:** 14J0503-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 023/Dup-1 **York Sample ID:** 14J0503-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.67	0.67	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
108-05-4	Vinyl acetate	ND		ug/m³	3.7	3.7	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
79-01-6	Trichloroethylene	ND		ug/m³	1.4	1.4	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.8	4.8	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	4.2	4.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
108-88-3	**Toluene**	**14**		ug/m³	4.0	4.0	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.1	3.1	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
127-18-4	**Tetrachloroethylene**	**19**		ug/m³	1.8	1.8	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
100-42-5	Styrene	ND		ug/m³	4.5	4.5	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
115-07-1	* Propylene	ND		ug/m³	1.8	1.8	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
622-96-8	*** p-Ethyltoluene**	**5.2**		ug/m³	5.2	5.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
179601-23-1	**p- & m- Xylenes**	**13**		ug/m³	9.1	9.1	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
95-47-6	o-Xylene	ND		ug/m³	4.6	4.6	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
110-54-3	n-Hexane	ND		ug/m³	3.7	3.7	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
142-82-5	n-Heptane	ND		ug/m³	4.3	4.3	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
75-09-2	**Methylene chloride**	**8.0**		ug/m³	7.3	7.3	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.8	3.8	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	4.3	4.3	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
67-63-0	Isopropanol	ND		ug/m³	5.2	5.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	11	11	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	4.6	4.6	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	7.6	7.6	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
110-82-7	Cyclohexane	ND		ug/m³	3.6	3.6	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.8	4.8	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	4.2	4.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
74-87-3	Chloromethane	ND		ug/m³	2.2	2.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
67-66-3	**Chloroform**	**10**		ug/m³	5.1	5.1	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
75-00-3	Chloroethane	ND		ug/m³	2.8	2.8	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.7	1.7	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
75-15-0	Carbon disulfide	ND		ug/m³	3.3	3.3	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
74-83-9	Bromomethane	ND		ug/m³	4.1	4.1	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
75-25-2	Bromoform	ND		ug/m³	11	11	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	6.5	6.5	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
100-44-7	Benzyl chloride	ND		ug/m³	5.4	5.4	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
71-43-2	Benzene	ND		ug/m³	3.4	3.4	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
67-64-1	**Acetone**	**27**		ug/m³	2.5	2.5	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	8.6	8.6	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
78-93-3	2-Butanone	ND		ug/m³	3.1	3.1	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD

Sample Information

Client Sample ID: 023/Dup-1 **York Sample ID:** 14J0503-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	3.8	3.8	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	6.3	6.3	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	6.3	6.3	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	4.6	4.6	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	5.2	5.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	7.3	7.3	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	4.9	4.9	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	4.2	4.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	6.3	6.3	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**9.3**		ug/m³	5.2	5.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	7.8	7.8	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	4.2	4.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	4.2	4.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**380**		ug/m³	5.9	5.9	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	5.7	5.7	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	8.0	8.0	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	7.2	7.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
71-55-6	**1,1,1-Trichloroethane**	**6.9**		ug/m³	5.7	5.7	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	5.2	5.2	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	8.1	8.1	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	8.4	8.4	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	4.3	4.3	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD
108-90-7	Chlorobenzene	ND		ug/m³	4.8	4.8	10.5	EPA TO-15	10/18/2014 22:38	10/18/2014 22:38	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.2 %*	*72-118*

Sample Information

Client Sample ID: 028/LSV-4 **York Sample ID:** 14J0503-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 11, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 028/LSV-4 **York Sample ID:** 14J0503-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 11, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.62	0.62	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
108-05-4	Vinyl acetate	ND		ug/m³	3.4	3.4	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
79-01-6	**Trichloroethylene**	**5.2**		ug/m³	1.3	1.3	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.4	4.4	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.8	3.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
108-88-3	**Toluene**	**130**		ug/m³	3.7	3.7	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	2.9	2.9	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
127-18-4	**Tetrachloroethylene**	**62**		ug/m³	1.6	1.6	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
100-42-5	Styrene	ND		ug/m³	4.1	4.1	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
115-07-1	* Propylene	ND		ug/m³	1.7	1.7	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
622-96-8	*** p-Ethyltoluene**	**58**		ug/m³	4.8	4.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
179601-23-1	**p- & m- Xylenes**	**110**		ug/m³	8.4	8.4	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
95-47-6	**o-Xylene**	**44**		ug/m³	4.2	4.2	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
110-54-3	**n-Hexane**	**11**		ug/m³	3.4	3.4	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
142-82-5	n-Heptane	ND		ug/m³	4.0	4.0	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
75-09-2	Methylene chloride	ND		ug/m³	6.7	6.7	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.5	3.5	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
108-10-1	**4-Methyl-2-pentanone**	**7.5**		ug/m³	4.0	4.0	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
67-63-0	**Isopropanol**	**11**		ug/m³	4.8	4.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	10	10	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
100-41-4	**Ethyl Benzene**	**27**		ug/m³	4.2	4.2	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	7.0	7.0	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
110-82-7	**Cyclohexane**	**3.3**		ug/m³	3.3	3.3	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.4	4.4	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	3.8	3.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
74-87-3	Chloromethane	ND		ug/m³	2.0	2.0	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
67-66-3	**Chloroform**	**48**		ug/m³	4.7	4.7	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
75-00-3	Chloroethane	ND		ug/m³	2.6	2.6	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.5	1.5	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
75-15-0	**Carbon disulfide**	**12**		ug/m³	3.0	3.0	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
74-83-9	Bromomethane	ND		ug/m³	3.8	3.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
75-25-2	Bromoform	ND		ug/m³	10	10	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	6.0	6.0	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
100-44-7	Benzyl chloride	ND		ug/m³	5.0	5.0	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
71-43-2	**Benzene**	**22**		ug/m³	3.1	3.1	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
67-64-1	**Acetone**	**130**		ug/m³	2.3	2.3	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	7.9	7.9	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD

Sample Information

Client Sample ID: 028/LSV-4 **York Sample ID:** 14J0503-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 11, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**19**		ug/m³	2.9	2.9	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	3.5	3.5	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	5.8	5.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	5.8	5.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
106-99-0	**1,3-Butadiene**	**31**		ug/m³	4.2	4.2	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**27**		ug/m³	4.8	4.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	6.8	6.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	4.5	4.5	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.9	3.9	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	5.8	5.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**150**		ug/m³	4.8	4.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	7.2	7.2	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	3.8	3.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.9	3.9	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**33**		ug/m³	5.4	5.4	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	5.3	5.3	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	7.4	7.4	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	6.7	6.7	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	5.3	5.3	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.8	4.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	7.4	7.4	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	7.8	7.8	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	4.0	4.0	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD
108-90-7	Chlorobenzene	ND		ug/m³	4.5	4.5	9.69	EPA TO-15	10/18/2014 23:28	10/18/2014 23:28	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*	*72-118*

Sample Information

Client Sample ID: 029/LSV-2 **York Sample ID:** 14J0503-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 11, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 029/LSV-2 **York Sample ID:** 14J0503-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 11, 2014 3:00 pm	10/13/2014

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.69	0.69	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
108-05-4	Vinyl acetate	ND		ug/m³	3.8	3.8	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
79-01-6	Trichloroethylene	ND		ug/m³	1.4	1.4	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.9	4.9	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	4.3	4.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
108-88-3	**Toluene**	**130**		ug/m³	4.0	4.0	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.2	3.2	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
127-18-4	**Tetrachloroethylene**	**8.0**		ug/m³	1.8	1.8	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
100-42-5	Styrene	ND		ug/m³	4.6	4.6	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
115-07-1	* Propylene	ND		ug/m³	1.8	1.8	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
622-96-8	*** p-Ethyltoluene**	**52**		ug/m³	5.3	5.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
179601-23-1	**p- & m- Xylenes**	**93**		ug/m³	9.3	9.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
95-47-6	**o-Xylene**	**32**		ug/m³	4.7	4.7	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
110-54-3	**n-Hexane**	**42**		ug/m³	3.8	3.8	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
142-82-5	**n-Heptane**	**23**		ug/m³	4.4	4.4	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
75-09-2	**Methylene chloride**	**7.5**		ug/m³	7.5	7.5	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.9	3.9	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	4.4	4.4	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
67-63-0	**Isopropanol**	**8.7**		ug/m³	5.3	5.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	11	11	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
100-41-4	**Ethyl Benzene**	**25**		ug/m³	4.7	4.7	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	7.7	7.7	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
110-82-7	**Cyclohexane**	**4.8**		ug/m³	3.7	3.7	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.9	4.9	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	4.3	4.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
74-87-3	Chloromethane	ND		ug/m³	2.2	2.2	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
67-66-3	Chloroform	ND		ug/m³	5.2	5.2	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
75-00-3	Chloroethane	ND		ug/m³	2.8	2.8	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.7	1.7	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
75-15-0	**Carbon disulfide**	**46**		ug/m³	3.3	3.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
74-83-9	Bromomethane	ND		ug/m³	4.2	4.2	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
75-25-2	Bromoform	ND		ug/m³	11	11	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	6.7	6.7	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
100-44-7	Benzyl chloride	ND		ug/m³	5.6	5.6	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
71-43-2	**Benzene**	**24**		ug/m³	3.4	3.4	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
67-64-1	**Acetone**	**240**		ug/m³	2.5	2.5	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	8.8	8.8	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
78-93-3	**2-Butanone**	**36**		ug/m³	3.2	3.2	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	3.9	3.9	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD

Sample Information

Client Sample ID: 029/LSV-2 **York Sample ID:** 14J0503-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 11, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	6.4	6.4	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	6.4	6.4	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	4.6	4.6	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**18**		ug/m³	5.3	5.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	7.5	7.5	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	5.0	5.0	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	4.3	4.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	6.4	6.4	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**130**		ug/m³	5.3	5.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	8.0	8.0	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	4.3	4.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	4.3	4.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	6.0	6.0	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	5.9	5.9	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	8.2	8.2	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	7.4	7.4	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	5.9	5.9	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	5.3	5.3	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	8.2	8.2	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	8.6	8.6	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	4.4	4.4	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD
108-90-7	Chlorobenzene	ND		ug/m³	4.9	4.9	10.725	EPA TO-15	10/18/2014 13:19	10/18/2014 13:19	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*72-118*

Sample Information

Client Sample ID: 020/LSV-7 **York Sample ID:** 14J0503-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.81	0.81	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD

Sample Information

Client Sample ID: 020/LSV-7 **York Sample ID:** 14J0503-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	4.4	4.4	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
79-01-6	Trichloroethylene	ND		ug/m³	1.7	1.7	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	5.7	5.7	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	5.0	5.0	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
108-88-3	**Toluene**	**72**		ug/m³	4.7	4.7	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.7	3.7	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
127-18-4	**Tetrachloroethylene**	**21**		ug/m³	2.1	2.1	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
100-42-5	Styrene	ND		ug/m³	5.4	5.4	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
115-07-1	* Propylene	ND		ug/m³	2.2	2.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
622-96-8	*** p-Ethyltoluene**	**40**		ug/m³	6.2	6.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
179601-23-1	**p- & m- Xylenes**	**62**		ug/m³	11	11	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
95-47-6	**o-Xylene**	**21**		ug/m³	5.5	5.5	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
110-54-3	**n-Hexane**	**77**		ug/m³	4.4	4.4	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
142-82-5	**n-Heptane**	**32**		ug/m³	5.2	5.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
75-09-2	Methylene chloride	ND		ug/m³	8.8	8.8	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	4.5	4.5	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	5.2	5.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
67-63-0	**Isopropanol**	**8.4**		ug/m³	6.2	6.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	13	13	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
100-41-4	**Ethyl Benzene**	**16**		ug/m³	5.5	5.5	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	9.1	9.1	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
110-82-7	Cyclohexane	ND		ug/m³	4.3	4.3	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	5.7	5.7	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	5.0	5.0	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
74-87-3	Chloromethane	ND		ug/m³	2.6	2.6	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
67-66-3	Chloroform	ND		ug/m³	6.2	6.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
75-00-3	Chloroethane	ND		ug/m³	3.3	3.3	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	2.0	2.0	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
75-15-0	Carbon disulfide	ND		ug/m³	3.9	3.9	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
74-83-9	Bromomethane	ND		ug/m³	4.9	4.9	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
75-25-2	Bromoform	ND		ug/m³	13	13	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	7.8	7.8	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
100-44-7	Benzyl chloride	ND		ug/m³	6.5	6.5	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
71-43-2	**Benzene**	**8.5**		ug/m³	4.0	4.0	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
67-64-1	**Acetone**	**160**		ug/m³	3.0	3.0	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	10	10	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
78-93-3	**2-Butanone**	**11**		ug/m³	3.7	3.7	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD

Sample Information

Client Sample ID: 020/LSV-7 **York Sample ID:** 14J0503-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0503	530-548 W 53rd. St.	Soil Vapor	October 10, 2014 3:00 pm	10/13/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	4.5	4.5	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	7.6	7.6	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	7.6	7.6	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	5.5	5.5	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**15**		ug/m³	6.2	6.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	8.8	8.8	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	5.8	5.8	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	5.1	5.1	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	7.6	7.6	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**120**		ug/m³	6.2	6.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	9.4	9.4	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	5.0	5.0	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	5.1	5.1	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**7.8**		ug/m³	7.1	7.1	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	6.9	6.9	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	9.7	9.7	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	8.6	8.6	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	6.9	6.9	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	6.2	6.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	9.7	9.7	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	10	10	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	5.2	5.2	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD
108-90-7	Chlorobenzene	ND		ug/m³	5.8	5.8	12.6	EPA TO-15	10/18/2014 14:11	10/18/2014 14:11	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.9 %*	*72-118*

Analytical Batch Summary

Batch ID: BJ40982 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14J0503-01	019/LSV-3	10/18/14
14J0503-02	022/LSV-5	10/18/14
14J0503-03	023/Dup-1	10/18/14
14J0503-04	028/LSV-4	10/18/14
14J0503-05	029/LSV-2	10/18/14
14J0503-06	020/LSV-7	10/18/14
BJ40982-BLK1	Blank	10/18/14
BJ40982-BS1	LCS	10/18/14

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40982 - EPA TO15 PREP											
Blank (BJ40982-BLK1)									Prepared & Analyzed: 10/18/2014		
Vinyl Chloride	ND	0.064	ug/m³								
Vinyl acetate	ND	0.35	"								
Trichloroethylene	ND	0.13	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.29	"								
Tetrachloroethylene	ND	0.17	"								
Styrene	ND	0.43	"								
Propylene	ND	0.17	"								
p-Ethyltoluene	ND	0.49	"								
p- & m- Xylenes	ND	0.87	"								
o-Xylene	ND	0.43	"								
n-Hexane	ND	0.35	"								
n-Heptane	ND	0.41	"								
Methylene chloride	ND	0.69	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
4-Methyl-2-pentanone	ND	0.41	"								
Isopropanol	ND	0.49	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.43	"								
Ethyl acetate	ND	0.72	"								
Cyclohexane	ND	0.34	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.49	"								
Chloroethane	ND	0.26	"								
Carbon tetrachloride	ND	0.16	"								
Carbon disulfide	ND	0.31	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.0	"								
Bromodichloromethane	ND	0.62	"								
Benzyl chloride	ND	0.52	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.82	"								
2-Butanone	ND	0.29	"								
1,4-Dioxane	ND	0.36	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Butadiene	ND	0.43	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.40	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40982 - EPA TO15 PREP											
Blank (BJ40982-BLK1)								Prepared & Analyzed: 10/18/2014			
Trichlorofluoromethane (Freon 11)	ND	0.56	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
Dibromochloromethane	ND	0.80	"								
Methyl Methacrylate	ND	0.41	"								
Chlorobenzene	ND	0.46	"								
Surrogate: p-Bromofluorobenzene	*9.50*		*ppbv*	*9.60*		*99.0*	*72-118*				
LCS (BJ40982-BS1)								Prepared & Analyzed: 10/18/2014			
Vinyl Chloride	10.8		ppbv	9.70		112	70-130				
Vinyl acetate	6.20		"	10.8		57.4	70-130	Low Bias			
Trichloroethylene	8.29		"	9.90		83.7	70-130				
trans-1,3-Dichloropropylene	9.88		"	10.9		90.6	70-130				
trans-1,2-Dichloroethylene	9.01		"	9.70		92.9	70-130				
Toluene	9.79		"	10.4		94.1	70-130				
Tetrahydrofuran	7.80		"	9.20		84.8	70-130				
Tetrachloroethylene	8.45		"	10.0		84.5	70-130				
Styrene	10.2		"	10.3		98.6	70-130				
Propylene	8.99		"	10.4		86.4	70-130				
p-Ethyltoluene	9.70		"	10.1		96.0	70-130				
p- & m- Xylenes	19.7		"	20.2		97.7	70-130				
o-Xylene	10.0		"	10.5		95.2	70-130				
n-Hexane	9.07		"	10.0		90.7	70-130				
n-Heptane	8.91		"	10.3		86.5	70-130				
Methylene chloride	8.85		"	9.90		89.4	70-130				
Methyl tert-butyl ether (MTBE)	9.09		"	9.80		92.8	70-130				
4-Methyl-2-pentanone	7.67		"	9.20		83.4	70-130				
Isopropanol	7.73		"	9.20		84.0	70-130				
Hexachlorobutadiene	9.50		"	9.90		96.0	70-130				
Ethyl Benzene	9.57		"	10.3		92.9	70-130				
Ethyl acetate	10.9		"	8.50		128	70-130				
Cyclohexane	9.08		"	10.1		89.9	70-130				
cis-1,3-Dichloropropylene	9.44		"	10.5		89.9	70-130				
cis-1,2-Dichloroethylene	9.91		"	10.3		96.2	70-130				
Chloromethane	12.2		"	9.70		126	70-130				
Chloroform	9.60		"	10.1		95.0	70-130				
Chloroethane	9.60		"	9.90		97.0	70-130				
Carbon tetrachloride	8.76		"	10.2		85.9	70-130				
Carbon disulfide	9.59		"	10.5		91.3	70-130				
Bromomethane	9.94		"	9.90		100	70-130				
Bromoform	9.81		"	10.1		97.1	70-130				
Bromodichloromethane	9.90		"	9.90		100	70-130				
Benzyl chloride	11.4		"	10.2		111	70-130				
Benzene	9.88		"	10.2		96.9	70-130				
Acetone	8.55		"	9.80		87.2	70-130				
2-Hexanone	7.65		"	9.30		82.3	70-130				
2-Butanone	8.80		"	9.40		93.6	70-130				
1,4-Dioxane	7.28		"	9.90		73.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40982 - EPA TO15 PREP											
LCS (BJ40982-BS1)								Prepared & Analyzed: 10/18/2014			
1,4-Dichlorobenzene	9.64		ppbv	10.2		94.5	70-130				
1,3-Dichlorobenzene	9.65		"	10.2		94.6	70-130				
1,3-Butadiene	12.4		"	10.1		123	70-130				
1,3,5-Trimethylbenzene	9.44		"	10.2		92.5	70-130				
1,2-Dichlorotetrafluoroethane	9.97		"	10.2		97.7	70-130				
1,2-Dichloropropane	9.48		"	10.3		92.0	70-130				
1,2-Dichloroethane	9.13		"	10.1		90.4	70-130				
1,2-Dichlorobenzene	9.70		"	10.1		96.0	70-130				
1,2,4-Trimethylbenzene	9.59		"	10.2		94.0	70-130				
1,2,4-Trichlorobenzene	11.9		"	9.60		124	70-130				
1,1-Dichloroethylene	9.25		"	10.0		92.5	70-130				
1,1-Dichloroethane	9.45		"	10.0		94.5	70-130				
Trichlorofluoromethane (Freon 11)	10.2		"	10.5		96.9	70-130				
1,1,2-Trichloroethane	9.93		"	10.3		96.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.42		"	9.70		97.1	70-130				
1,1,2,2-Tetrachloroethane	9.98		"	10.5		95.0	70-130				
1,1,1-Trichloroethane	9.18		"	9.90		92.7	70-130				
Dichlorodifluoromethane	8.97		"	10.0		89.7	70-130				
1,2-Dibromoethane	9.79		"	10.3		95.0	70-130				
Dibromochloromethane	10.5		"	10.3		102	70-130				
Methyl Methacrylate	9.06		"	9.50		95.4	70-130				
Chlorobenzene	9.39		"	10.4		90.3	70-130				
Surrogate: p-Bromofluorobenzene	*9.77*		*"*	*9.60*		*102*	*72-118*				

Notes and Definitions

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

YORK
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Field Chain-of-Custody Record - AIR

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 14J0503

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type/Deliverables**
Company: LANGAN	Company: SAME	Company: SAME	530.548 W53RD ST	RUSH - Same Day ☐	Summary Report ___
Address: 619 RIVER DR. ELMWOOD PARK NJ	Address:	Address:	**Purchase Order No.** 100400601	RUSH - Next Day ☐	Summary w/ QA Summary ___
Phone No. 201-794-6900	Phone No.	Phone No.	Samples from: CT___ NY☒ NJ___	RUSH - Two Day ☐	CT RCP Package ___
Contact Person: AMANDA	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address: AFORSBURG@LANGAN.COM	E-Mail Address:	E-Mail Address:		RUSH - Four Day ☐	NY ASP B/CLP Pkg ☒
				Standard(5-7 Days) ☒	NJDEP Reduced ___
					Electronic Deliverables:
					EDD (Specify Type) ___
					Standard Excel ☒
					Regulatory Comparison Excel ___

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

KEN LUKAS / Christine B Mieles
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List
EPA TO-14A List
NYSDEC VI list
Tentatively Identified Compounds
NYSDEC STARS List
Air VPH
Project Specific List by TO-15
Helium
NJDEP Target List
Methane
CTDEP RCP Target List
OTHER

Detection Limits Required

≤ 1 ug/m³ ___
NYSDEC VI Limits ___ (VI =vapor intrusion)
NJDEP low level ___
Routine Survey ___
Other NYS DoH ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
~~LSV-3~~ 019/LSV-3	10/10/14	AS	-29	-4.5	To-15	6 Liter Summa canister 1 / Tedlar Bag
022/LSV-5	10/10/14	AS	-29.5	-5.0	To-15	6 Liter Summa canister 1 / Tedlar Bag
023/DUP-1	10/10/14	AS	-30.0	-6.5	To-15	6 Liter Summa canister 1 / Tedlar Bag
028-LSV-4	10/11/14	AS	-29	-5	TO-15	6 Liter Summa canister 1 / Tedlar Bag
029-LSV-2	10/11/14	AS	-28	-7	TO-15	6 Liter Summa canister 1 / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag

Comments

Samples Relinquished By — Date/Time: 10/13/14

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 10/13/14 1013

Samples Received in LAB by — Date/Time: 10-13-14 1750

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 14J0499

YOUR Information	**Report To:**	**Invoice To:**
Company: LANGAN	Company: SAME	Company: SAME
Address: 619 RIVER DR Elmwood PARK NJ	Address:	Address:
Phone No. 201 794 6900	Phone No.	Phone No.
Contact Person: AMANDA	Attention:	Attention:
E-Mail Address: AFORSBURG@LANGAN.com	E-Mail Address:	E-Mail Address:

YOUR Project ID: 525 W 52ND ST.

Purchase Order No.: 100400601

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type/Deliverables
- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg X
- NJDEP Reduced ___
- *Electronic Deliverables:*
- EDD (Specify Type) ___
- Standard Excel X
- Regulatory Comparison Excel ___

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

KEN LUKAS
Name (printed)

Air Matrix Codes
- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER ___

Detection Limits Required
- ≤ 1 ug/m³ ___
- NYSDEC VI Limits ___ (VI =vapor instrusion)
- NJDEP low level ___
- Routine Survey ___
- Other NYSDOH

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
* 020 / LSV-7	10/10/14	AS	-29	-5	TO-15	6 Liter Summa canister 1 / Tedlar Bag
021 / LSV-6	10/10/14	AS	-30	-5	TO-15	6 Liter Summa canister 1 / Tedlar Bag
~~022 / LSV-5~~	~~10/10/14~~	~~AS~~	~~-29.5~~	~~-5~~	~~TO-15~~	~~6 Liter Summa canister 1 / Tedlar Bag~~
~~023 / DUP-1~~	~~10/10/14~~	~~AS~~	~~-30.0~~	~~-6.5~~	~~TO-15~~	~~6 Liter Summa canister 1 / Tedlar Bag~~
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___

Comments
* Sample 020/LSV-7 moved to York WO 14J0503 per client request. KL/LPK 10/13/14

Samples Relinquished By — Date/Time: 10/10/14 1600

Samples Relinquished By — Date/Time:

Samples Received By: P. PARK — Date/Time: 10/10/14 1600

Samples Received in LAB by: P Face 10-13-14 1750 — Date/Time:

Joseph [illegible] 10/13/14 10:00

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Amanda Forsburg

Report Date: 10/17/2014
Client Project ID: 525 W 52 St
York Project (SDG) No.: 14J0519

Report Date: 10/17/2014
Client Project ID: 525 W 52 St
York Project (SDG) No.: 14J0519

Langan Engineering & Environmental Services (NJ)
619 River Drive Center 1
Elmwood Park NJ, 07407-1338
Attention: Amanda Forsburg

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 10, 2014 and listed below. The project was identified as your project: **525 W 52 St**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14J0519-01	001 / LSB-9A	Soil	10/09/2014	10/10/2014
14J0519-02	002 / LSB-9B	Soil	10/09/2014	10/10/2014
14J0519-03	003 / LSB-8A	Soil	10/09/2014	10/10/2014
14J0519-04	004 / LSB-8B	Soil	10/09/2014	10/10/2014
14J0519-05	005 / LSB-10B	Soil	10/09/2014	10/10/2014
14J0519-06	006 / LSB-10A	Soil	10/09/2014	10/10/2014
14J0519-09	017 / DUP-1	Soil	10/09/2014	10/10/2014

General Notes for York Project (SDG) No.: 14J0519

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 10/17/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: 001 / LSB-9A

York Sample ID: 14J0519-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:30 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
67-64-1	**Acetone**	**57**	Cal-E, CCV-E	ug/kg dry	5.6	11	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-25-2	Bromoform	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK

Sample Information

Client Sample ID: 001 / LSB-9A

York Sample ID: 14J0519-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:30 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
127-18-4	**Tetrachloroethylene**	**3.9**	J	ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C	10/15/2014 08:37	10/15/2014 11:52	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*114 %*		*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*160 %*	S-04	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*125 %*	S-04	*85-120*

Sample Information

Client Sample ID: 001 / LSB-9A

York Sample ID: 14J0519-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:30 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
98-86-2	Acetophenone	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
120-12-7	Anthracene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
1912-24-9	Atrazine	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
92-87-5	Benzidine	ND		ug/kg dry	1780	3550	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
56-55-3	**Benzo(a)anthracene**	**479**	J	ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
191-24-2	Benzo(g,h,i)perylene	ND	IS-LO	ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
65-85-0	Benzoic acid	ND		ug/kg dry	1210	3550	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
105-60-2	Caprolactam	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
86-74-8	Carbazole	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
218-01-9	**Chrysene**	**483**	J	ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND	IS-LO	ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1780	3550	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1780	3550	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH

Sample Information

Client Sample ID: **001 / LSB-9A** **York Sample ID:** **14J0519-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:30 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
206-44-0	**Fluoranthene**	**859**	J	ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
86-73-7	Fluorene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	IS-LO	ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
78-59-1	Isophorone	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
91-20-3	Naphthalene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	895	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
85-01-8	**Phenanthrene**	**532**	J	ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
108-95-2	Phenol	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
129-00-0	**Pyrene**	**1060**	J	ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	447	1770	10	EPA 8270D	10/15/2014 07:24	10/16/2014 12:44	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*33.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*41.1 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*38.7 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*45.6 %*	*10-126*

Sample Information

Client Sample ID: 001 / LSB-9A

York Sample ID: 14J0519-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:30 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*21.0 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*68.2 %*			*10-137*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
57-74-9	Chlordane, total	ND		ug/kg dry	70.3	70.3	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.79	8.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW
8001-35-2	Toxaphene	ND		ug/kg dry	88.9	88.9	5	EPA 8081B	10/15/2014 13:41	10/16/2014 13:50	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.6 %*	*30-140*

Sample Information

Client Sample ID: 001 / LSB-9A

York Sample ID: 14J0519-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:30 am	10/10/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/kg dry	177	177	10	EPA 8082A	10/15/2014 13:41	10/17/2014 11:49	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	177	177	10	EPA 8082A	10/15/2014 13:41	10/17/2014 11:49	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	177	177	10	EPA 8082A	10/15/2014 13:41	10/17/2014 11:49	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	177	177	10	EPA 8082A	10/15/2014 13:41	10/17/2014 11:49	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	177	177	10	EPA 8082A	10/15/2014 13:41	10/17/2014 11:49	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	177	177	10	EPA 8082A	10/15/2014 13:41	10/17/2014 11:49	AMC
11096-82-5	**Aroclor 1260**	**2540**		ug/kg dry	177	177	10	EPA 8082A	10/15/2014 13:41	10/17/2014 11:49	AMC
1336-36-3	*** Total PCBs**	**2540**		ug/kg dry	177	177	10	EPA 8082A	10/15/2014 13:41	10/17/2014 11:49	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4700000**		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-36-0	**Antimony**	**876**		ug/kg dry	532	532	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-38-2	**Arsenic**	**11100**		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-39-3	**Barium**	**8630000**		ug/kg dry	106000	106000	100	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-41-7	Beryllium	ND		ug/kg dry	106	106	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-43-9	Cadmium	ND		ug/kg dry	319	319	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-70-2	**Calcium**	**10400000**		ug/kg dry	532	5320	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-47-3	**Chromium**	**15400**		ug/kg dry	532	532	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-48-4	**Cobalt**	**7370**		ug/kg dry	532	532	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-50-8	**Copper**	**65400**		ug/kg dry	532	532	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7439-89-6	**Iron**	**21800000**		ug/kg dry	2130	2130	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7439-92-1	**Lead**	**127000**		ug/kg dry	319	319	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7439-95-4	**Magnesium**	**2320000**		ug/kg dry	5320	5320	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7439-96-5	**Manganese**	**158000**		ug/kg dry	532	532	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-02-0	**Nickel**	**41500**		ug/kg dry	532	532	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-09-7	**Potassium**	**927000**		ug/kg dry	5320	5320	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7782-49-2	Selenium	ND		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-22-4	Silver	ND		ug/kg dry	532	532	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-23-5	**Sodium**	**215000**		ug/kg dry	10600	10600	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-28-0	Thallium	ND		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW
7440-62-2	**Vanadium**	**27000**		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW

Sample Information

Client Sample ID: 001 / LSB-9A **York Sample ID:** 14J0519-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:30 am	10/10/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**102000**		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:42	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**113**		ug/kg dry	31.9	31.9	1	EPA 7473	10/15/2014 11:23	10/15/2014 14:29	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	0.100	1	SM 2540G	10/15/2014 12:38	10/15/2014 15:19	KK

Sample Information

Client Sample ID: 002 / LSB-9B **York Sample ID:** 14J0519-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:35 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK

Sample Information

Client Sample ID: 002 / LSB-9B

York Sample ID: 14J0519-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:35 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	100	200	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-09-2	**Methylene chloride**	**14**		ug/kg dry	5.1	10	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK

Sample Information

Client Sample ID: 002 / LSB-9B

York Sample ID: 14J0519-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:35 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C	10/15/2014 08:37	10/15/2014 12:36	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*85-120*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
120-12-7	Anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
92-87-5	Benzidine	ND		ug/kg dry	178	355	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
56-55-3	**Benzo(a)anthracene**	**167**	J	ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
50-32-8	**Benzo(a)pyrene**	**150**	J	ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
205-99-2	**Benzo(b)fluoranthene**	**174**	J	ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
191-24-2	**Benzo(g,h,i)perylene**	**108**	J	ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
65-85-0	Benzoic acid	ND		ug/kg dry	122	356	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
207-08-9	**Benzo(k)fluoranthene**	**179**		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH

Sample Information

Client Sample ID: 002 / LSB-9B

York Sample ID: 14J0519-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:35 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
105-60-2	Caprolactam	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
86-74-8	Carbazole	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
218-01-9	**Chrysene**	**217**		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	178	355	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	178	356	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
206-44-0	**Fluoranthene**	**543**		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
86-73-7	Fluorene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**107**	J	ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
78-59-1	Isophorone	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH

Sample Information

Client Sample ID: 002 / LSB-9B

York Sample ID: 14J0519-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:35 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
85-01-8	**Phenanthrene**	**363**		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
108-95-2	Phenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
129-00-0	**Pyrene**	**418**		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	10/15/2014 07:24	10/15/2014 20:00	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*49.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*63.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.5 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.5 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*38.8 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*70.0 %*	*10-137*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
57-74-9	Chlordane, total	ND		ug/kg dry	70.4	70.4	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW

Sample Information

Client Sample ID: 002 / LSB-9B

York Sample ID: 14J0519-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:35 am	10/10/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.81	8.81	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW
8001-35-2	Toxaphene	ND		ug/kg dry	89.1	89.1	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:06	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.7 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.8	17.8	1	EPA 8082A	10/15/2014 13:41	10/16/2014 16:43	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.8	17.8	1	EPA 8082A	10/15/2014 13:41	10/16/2014 16:43	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.8	17.8	1	EPA 8082A	10/15/2014 13:41	10/16/2014 16:43	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.8	17.8	1	EPA 8082A	10/15/2014 13:41	10/16/2014 16:43	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.8	17.8	1	EPA 8082A	10/15/2014 13:41	10/16/2014 16:43	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	17.8	17.8	1	EPA 8082A	10/15/2014 13:41	10/16/2014 16:43	AMC
11096-82-5	Aroclor 1260	ND		ug/kg dry	17.8	17.8	1	EPA 8082A	10/15/2014 13:41	10/16/2014 16:43	AMC
1336-36-3	* Total PCBs	ND		ug/kg dry	17.8	17.8	1	EPA 8082A	10/15/2014 13:41	10/16/2014 16:43	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-140*

Sample Information

Client Sample ID: 002 / LSB-9B

York Sample ID: 14J0519-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:35 am	10/10/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4590000**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-36-0	**Antimony**	**57600**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-38-2	**Arsenic**	**3730**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-39-3	**Barium**	**315000**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-41-7	Beryllium	ND		ug/kg dry	107	107	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-43-9	Cadmium	ND		ug/kg dry	320	320	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-70-2	**Calcium**	**56200000**		ug/kg dry	534	5340	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-47-3	**Chromium**	**11900**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-48-4	**Cobalt**	**3430**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-50-8	**Copper**	**10400**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7439-89-6	**Iron**	**14400000**		ug/kg dry	2130	2130	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7439-92-1	**Lead**	**1490000**		ug/kg dry	320	320	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7439-95-4	**Magnesium**	**4150000**		ug/kg dry	5340	5340	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7439-96-5	**Manganese**	**268000**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-02-0	**Nickel**	**12700**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-09-7	**Potassium**	**953000**		ug/kg dry	5340	5340	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7782-49-2	Selenium	ND		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-22-4	Silver	ND		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-23-5	**Sodium**	**213000**		ug/kg dry	10700	10700	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-28-0	Thallium	ND		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-62-2	**Vanadium**	**11500**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW
7440-66-6	**Zinc**	**164000**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 17:47	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**126**		ug/kg dry	32.0	32.0	1	EPA 7473	10/15/2014 11:23	10/15/2014 14:39	ALD

Sample Information

Client Sample ID: 002 / LSB-9B

York Sample ID: 14J0519-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 10:35 am	10/10/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	0.100	1	SM 2540G	10/15/2014 12:38	10/15/2014 15:19	KK

Sample Information

Client Sample ID: 003 / LSB-8A

York Sample ID: 14J0519-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:00 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
78-87-5	1,2-Dichloropropane	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	130	260	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
591-78-6	2-Hexanone	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
67-64-1	Acetone	ND		ug/kg dry	6.6	13	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK

Sample Information

Client Sample ID: 003 / LSB-8A

York Sample ID: 14J0519-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:00 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	6.6	13	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-27-4	Bromodichloromethane	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-25-2	Bromoform	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
108-90-7	Chlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
124-48-1	Dibromochloromethane	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
100-41-4	Ethyl Benzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
79-20-9	Methyl acetate	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.6	13	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
95-47-6	o-Xylene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
179601-23-1	p- & m- Xylenes	ND	IS-LO	ug/kg dry	6.6	13	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
100-42-5	Styrene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
127-18-4	**Tetrachloroethylene**	**7.6**	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
108-88-3	Toluene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK

Sample Information

Client Sample ID: 003 / LSB-8A

York Sample ID: 14J0519-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:00 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C	10/16/2014 09:11	10/16/2014 14:33	BK
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*			*77-125*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*142 %*	S-04		*76-130*						
2037-26-5	*Surrogate: Toluene-d8*	*176 %*	S-04		*85-120*						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
98-86-2	Acetophenone	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
120-12-7	Anthracene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
1912-24-9	Atrazine	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
92-87-5	Benzidine	ND		ug/kg dry	891	1780	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
56-55-3	**Benzo(a)anthracene**	**695**	J	ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
50-32-8	**Benzo(a)pyrene**	**462**	J	ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
205-99-2	**Benzo(b)fluoranthene**	**411**	J	ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
65-85-0	Benzoic acid	ND		ug/kg dry	608	1780	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
207-08-9	**Benzo(k)fluoranthene**	**559**	J	ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
105-60-2	Caprolactam	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
86-74-8	Carbazole	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH

Sample Information

Client Sample ID: 003 / LSB-8A

York Sample ID: 14J0519-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:00 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	**Chrysene**	**786**	J	ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	891	1780	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	891	1780	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
206-44-0	**Fluoranthene**	**1000**		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
86-73-7	Fluorene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**306**	J	ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
78-59-1	Isophorone	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
91-20-3	Naphthalene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH

Sample Information

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York Sample ID: 14J0519-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:00 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	448	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
85-01-8	**Phenanthrene**	**589**	J	ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
108-95-2	Phenol	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
129-00-0	**Pyrene**	**1460**		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	224	889	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:36	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.2 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*82.3 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*76.1 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*80.1 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*63.7 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*96.6 %*	*10-137*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
57-74-9	Chlordane, total	ND		ug/kg dry	70.4	70.4	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW

Sample Information

Client Sample ID: 003 / LSB-8A

York Sample ID: 14J0519-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:00 am	10/10/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.80	8.80	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW
8001-35-2	Toxaphene	ND		ug/kg dry	89.1	89.1	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:22	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.6 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/kg dry	178	178	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:19	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	178	178	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:19	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	178	178	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:19	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	178	178	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:19	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	178	178	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:19	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	178	178	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:19	AMC
11096-82-5	**Aroclor 1260**	**2300**		ug/kg dry	178	178	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:19	AMC
1336-36-3	*** Total PCBs**	**2300**		ug/kg dry	178	178	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:19	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6720000**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-36-0	**Antimony**	**759**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-38-2	**Arsenic**	**5000**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-39-3	**Barium**	**1810000**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-41-7	Beryllium	ND		ug/kg dry	107	107	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-43-9	Cadmium	ND		ug/kg dry	320	320	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-70-2	**Calcium**	**5600000**		ug/kg dry	534	5340	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-47-3	**Chromium**	**16100**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-48-4	**Cobalt**	**6100**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-50-8	**Copper**	**39900**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW

Sample Information

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York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:00 am	10/10/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**14300000**		ug/kg dry	2130	2130	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7439-92-1	**Lead**	**199000**		ug/kg dry	320	320	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7439-95-4	**Magnesium**	**2530000**		ug/kg dry	5340	5340	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7439-96-5	**Manganese**	**199000**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-02-0	**Nickel**	**17200**		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-09-7	**Potassium**	**1530000**		ug/kg dry	5340	5340	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7782-49-2	Selenium	ND		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-22-4	Silver	ND		ug/kg dry	534	534	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-23-5	**Sodium**	**174000**		ug/kg dry	10700	10700	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-28-0	Thallium	ND		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-62-2	**Vanadium**	**26800**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW
7440-66-6	**Zinc**	**104000**		ug/kg dry	1070	1070	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:09	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**177**		ug/kg dry	32.0	32.0	1	EPA 7473	10/15/2014 11:23	10/15/2014 14:48	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	0.100	1	SM 2540G	10/15/2014 12:38	10/15/2014 15:19	KK

Sample Information

Client Sample ID: 004 / LSB-8B **York Sample ID:** 14J0519-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:05 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK

Sample Information

Client Sample ID: 004 / LSB-8B

York Sample ID: 14J0519-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:05 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	100	200	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK

Sample Information

Client Sample ID: 004 / LSB-8B

York Sample ID: 14J0519-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:05 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C	10/15/2014 08:37	10/15/2014 14:04	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.8 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*85-120*

Sample Information

Client Sample ID: 004 / LSB-8B

York Sample ID: 14J0519-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:05 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
120-12-7	Anthracene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
92-87-5	Benzidine	ND		ug/kg dry	184	368	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
65-85-0	Benzoic acid	ND		ug/kg dry	126	368	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
105-60-2	Caprolactam	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
86-74-8	Carbazole	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
218-01-9	**Chrysene**	**49.0**	J	ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	184	368	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	184	368	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH

Sample Information

Client Sample ID: 004 / LSB-8B

York Sample ID: 14J0519-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:05 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
206-44-0	**Fluoranthene**	**88.7**	J	ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
86-73-7	Fluorene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
78-59-1	Isophorone	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	92.8	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
85-01-8	**Phenanthrene**	**63.7**	J	ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
108-95-2	Phenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
129-00-0	**Pyrene**	**83.9**	J	ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	10/15/2014 07:24	10/15/2014 19:28	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*50.1 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*53.8 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.8 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.8 %*	*10-126*

Sample Information

Client Sample ID: 004 / LSB-8B

York Sample ID: 14J0519-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:05 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*46.4 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*55.0 %*			*10-137*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
57-74-9	Chlordane, total	ND		ug/kg dry	72.9	72.9	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.11	9.11	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.2	92.2	5	EPA 8081B	10/15/2014 13:41	10/16/2014 14:54	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.3 %*	*30-140*

Sample Information

Client Sample ID: 004 / LSB-8B

York Sample ID: 14J0519-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:05 am	10/10/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.4	18.4	1	EPA 8082A	10/15/2014 13:41	10/16/2014 17:42	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.4	18.4	1	EPA 8082A	10/15/2014 13:41	10/16/2014 17:42	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.4	18.4	1	EPA 8082A	10/15/2014 13:41	10/16/2014 17:42	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.4	18.4	1	EPA 8082A	10/15/2014 13:41	10/16/2014 17:42	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.4	18.4	1	EPA 8082A	10/15/2014 13:41	10/16/2014 17:42	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.4	18.4	1	EPA 8082A	10/15/2014 13:41	10/16/2014 17:42	AMC
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.4	18.4	1	EPA 8082A	10/15/2014 13:41	10/16/2014 17:42	AMC
1336-36-3	* Total PCBs	ND		ug/kg dry	18.4	18.4	1	EPA 8082A	10/15/2014 13:41	10/16/2014 17:42	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3670000**		ug/kg dry	1100	1100	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-36-0	Antimony	ND		ug/kg dry	552	552	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-38-2	**Arsenic**	**6340**		ug/kg dry	1100	1100	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-39-3	**Barium**	**461000**		ug/kg dry	1100	1100	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-41-7	Beryllium	ND		ug/kg dry	110	110	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-43-9	Cadmium	ND		ug/kg dry	331	331	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-70-2	**Calcium**	**68200000**		ug/kg dry	552	5520	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-47-3	**Chromium**	**9770**		ug/kg dry	552	552	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-48-4	**Cobalt**	**3510**		ug/kg dry	552	552	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-50-8	**Copper**	**7490**		ug/kg dry	552	552	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7439-89-6	**Iron**	**9870000**		ug/kg dry	2210	2210	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7439-92-1	**Lead**	**4670000**		ug/kg dry	331	331	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7439-95-4	**Magnesium**	**3340000**		ug/kg dry	5520	5520	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7439-96-5	**Manganese**	**333000**		ug/kg dry	552	552	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-02-0	**Nickel**	**9260**		ug/kg dry	552	552	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-09-7	**Potassium**	**1340000**		ug/kg dry	5520	5520	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7782-49-2	Selenium	ND		ug/kg dry	1100	1100	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-22-4	Silver	ND		ug/kg dry	552	552	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-23-5	**Sodium**	**217000**		ug/kg dry	11000	11000	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-28-0	Thallium	ND		ug/kg dry	1100	1100	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW
7440-62-2	**Vanadium**	**10000**		ug/kg dry	1100	1100	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW

Sample Information

Client Sample ID: 004 / LSB-8B **York Sample ID:** 14J0519-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:05 am	10/10/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**224000**		ug/kg dry	1100	1100	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:14	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**272**		ug/kg dry	33.1	33.1	1	EPA 7473	10/15/2014 11:23	10/15/2014 14:57	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	0.100	1	SM 2540G	10/15/2014 12:38	10/15/2014 15:19	KK

Sample Information

Client Sample ID: 005 / LSB-10B **York Sample ID:** 14J0519-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:30 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK

Sample Information

Client Sample ID: 005 / LSB-10B

York Sample ID: 14J0519-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:30 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	230	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
67-64-1	**Acetone**	**10**	Cal-E, CCV-E, J	ug/kg dry	5.7	11	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK

Sample Information

Client Sample ID: 005 / LSB-10B

York Sample ID: 14J0519-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:30 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C	10/16/2014 09:11	10/16/2014 15:17	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.7 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
98-86-2	Acetophenone	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
120-12-7	Anthracene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
1912-24-9	Atrazine	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
92-87-5	Benzidine	ND		ug/kg dry	1870	3730	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
65-85-0	Benzoic acid	ND		ug/kg dry	1280	3730	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH

Sample Information

Client Sample ID: 005 / LSB-10B

York Sample ID: 14J0519-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:30 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
105-60-2	Caprolactam	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
86-74-8	Carbazole	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
218-01-9	Chrysene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1870	3730	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1870	3730	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
206-44-0	Fluoranthene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
86-73-7	Fluorene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
78-59-1	Isophorone	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH

Sample Information

Client Sample ID: 005 / LSB-10B

York Sample ID: 14J0519-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:30 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
91-20-3	Naphthalene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	941	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
85-01-8	Phenanthrene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
108-95-2	Phenol	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
129-00-0	Pyrene	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	471	1870	10	EPA 8270D	10/15/2014 07:24	10/16/2014 13:15	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*45.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*51.4 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*41.9 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.8 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*33.3 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.4 %*	*10-137*

Sample Information

Client Sample ID: **005 / LSB-10B** **York Sample ID:** **14J0519-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:30 am	10/10/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
309-00-2	Aldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
57-74-9	Chlordane, total	ND		ug/kg dry	73.9	73.9	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
72-20-8	Endrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.24	9.24	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW
8001-35-2	Toxaphene	ND		ug/kg dry	93.6	93.6	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:10	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.6 %*	*30-140*

Sample Information

Client Sample ID: **005 / LSB-10B** **York Sample ID:** **14J0519-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:30 am	10/10/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.7	18.7	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:11	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.7	18.7	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:11	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.7	18.7	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:11	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.7	18.7	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:11	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.7	18.7	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:11	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.7	18.7	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:11	AMC
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.7	18.7	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:11	AMC
1336-36-3	* Total PCBs	ND		ug/kg dry	18.7	18.7	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:11	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2230000**		ug/kg dry	1120	1120	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-36-0	Antimony	ND		ug/kg dry	560	560	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-38-2	**Arsenic**	**4910**		ug/kg dry	1120	1120	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-39-3	**Barium**	**2370000**		ug/kg dry	1120	1120	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-41-7	Beryllium	ND		ug/kg dry	112	112	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-43-9	Cadmium	ND		ug/kg dry	336	336	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-70-2	**Calcium**	**85900000**		ug/kg dry	560	5600	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-47-3	**Chromium**	**14000**		ug/kg dry	560	560	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-48-4	**Cobalt**	**2910**		ug/kg dry	560	560	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-50-8	**Copper**	**11000**		ug/kg dry	560	560	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7439-89-6	**Iron**	**5470000**		ug/kg dry	2240	2240	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7439-92-1	**Lead**	**4830000**		ug/kg dry	336	336	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7439-95-4	**Magnesium**	**2860000**		ug/kg dry	5600	5600	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7439-96-5	**Manganese**	**139000**		ug/kg dry	560	560	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-02-0	**Nickel**	**9560**		ug/kg dry	560	560	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-09-7	**Potassium**	**655000**		ug/kg dry	5600	5600	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7782-49-2	Selenium	ND		ug/kg dry	1120	1120	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-22-4	Silver	ND		ug/kg dry	560	560	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-23-5	**Sodium**	**131000**		ug/kg dry	11200	11200	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-28-0	Thallium	ND		ug/kg dry	1120	1120	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW
7440-62-2	**Vanadium**	**8040**		ug/kg dry	1120	1120	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW

Sample Information

Client Sample ID: 005 / LSB-10B **York Sample ID:** 14J0519-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:30 am	10/10/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**668000**		ug/kg dry	1120	1120	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:22	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**136**		ug/kg dry	33.6	33.6	1	EPA 7473	10/15/2014 11:23	10/15/2014 15:06	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	0.100	1	SM 2540G	10/15/2014 12:38	10/15/2014 15:19	KK

Sample Information

Client Sample ID: 006 / LSB-10A **York Sample ID:** 14J0519-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:25 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK

Sample Information

Client Sample ID: 006 / LSB-10A

York Sample ID: 14J0519-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:25 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	210	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK

Sample Information

Client Sample ID: 006 / LSB-10A **York Sample ID:** 14J0519-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:25 am	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C	10/15/2014 08:37	10/15/2014 15:31	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*85-120*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
98-86-2	Acetophenone	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
120-12-7	Anthracene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
1912-24-9	Atrazine	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
92-87-5	Benzidine	ND		ug/kg dry	905	1800	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
65-85-0	Benzoic acid	ND		ug/kg dry	618	1810	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH

Sample Information

Client Sample ID: 006 / LSB-10A

York Sample ID: 14J0519-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:25 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
105-60-2	Caprolactam	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
86-74-8	Carbazole	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
218-01-9	Chrysene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	905	1800	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	905	1810	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
206-44-0	**Fluoranthene**	**264**	J	ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
86-73-7	Fluorene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
78-59-1	Isophorone	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH

Sample Information

Client Sample ID: 006 / LSB-10A

York Sample ID: 14J0519-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:25 am	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
91-20-3	Naphthalene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	455	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
85-01-8	Phenanthrene	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
108-95-2	Phenol	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
129-00-0	**Pyrene**	**278**	J	ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	228	903	5	EPA 8270D	10/15/2014 07:24	10/15/2014 23:07	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*46.9 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*55.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.6 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.5 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*26.9 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.5 %*	*10-137*

Sample Information

Client Sample ID: 006 / LSB-10A

York Sample ID: 14J0519-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:25 am	10/10/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
57-74-9	Chlordane, total	ND		ug/kg dry	71.5	71.5	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.94	8.94	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW
8001-35-2	Toxaphene	ND		ug/kg dry	90.5	90.5	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:26	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.3 %*	*30-140*

Sample Information

Client Sample ID: **006 / LSB-10A** **York Sample ID:** **14J0519-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:25 am	10/10/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.1	18.1	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:40	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.1	18.1	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:40	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.1	18.1	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:40	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.1	18.1	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:40	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.1	18.1	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:40	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.1	18.1	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:40	AMC
11096-82-5	**Aroclor 1260**	**507**		ug/kg dry	18.1	18.1	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:40	AMC
1336-36-3	*** Total PCBs**	**507**		ug/kg dry	18.1	18.1	1	EPA 8082A	10/15/2014 13:41	10/16/2014 18:40	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4930000**		ug/kg dry	1080	1080	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-36-0	Antimony	ND		ug/kg dry	542	542	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-38-2	**Arsenic**	**6000**		ug/kg dry	1080	1080	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-39-3	**Barium**	**330000**		ug/kg dry	1080	1080	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-41-7	Beryllium	ND		ug/kg dry	108	108	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-43-9	Cadmium	ND		ug/kg dry	325	325	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-70-2	**Calcium**	**12000000**		ug/kg dry	542	5420	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-47-3	**Chromium**	**12300**		ug/kg dry	542	542	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-48-4	**Cobalt**	**7040**		ug/kg dry	542	542	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-50-8	**Copper**	**41600**		ug/kg dry	542	542	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7439-89-6	**Iron**	**10100000**		ug/kg dry	2170	2170	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7439-92-1	**Lead**	**762000**		ug/kg dry	325	325	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7439-95-4	**Magnesium**	**2470000**		ug/kg dry	5420	5420	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7439-96-5	**Manganese**	**167000**		ug/kg dry	542	542	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-02-0	**Nickel**	**20700**		ug/kg dry	542	542	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-09-7	**Potassium**	**1860000**		ug/kg dry	5420	5420	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7782-49-2	Selenium	ND		ug/kg dry	1080	1080	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-22-4	Silver	ND		ug/kg dry	542	542	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-23-5	**Sodium**	**78100**		ug/kg dry	10800	10800	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-28-0	Thallium	ND		ug/kg dry	1080	1080	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW
7440-62-2	**Vanadium**	**23100**		ug/kg dry	1080	1080	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW

Sample Information

Client Sample ID: 006 / LSB-10A **York Sample ID:** 14J0519-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 11:25 am	10/10/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**425000**		ug/kg dry	1080	1080	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:29	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**215**		ug/kg dry	32.5	32.5	1	EPA 7473	10/15/2014 11:23	10/15/2014 15:15	ALD

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	0.100	1	SM 2540G	10/15/2014 12:38	10/15/2014 15:19	KK

Sample Information

Client Sample ID: 017 / DUP-1 **York Sample ID:** 14J0519-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 3:00 pm	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-34-3	1,1-Dichloroethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-35-4	1,1-Dichloroethylene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
106-93-4	1,2-Dibromoethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK

Sample Information

Client Sample ID: 017 / DUP-1 **York Sample ID:** 14J0519-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 3:00 pm	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
78-87-5	1,2-Dichloropropane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
123-91-1	1,4-Dioxane	ND	IS-LO	ug/kg dry	140	280	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
78-93-3	2-Butanone	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
591-78-6	2-Hexanone	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
67-64-1	Acetone	ND	IS-LO	ug/kg dry	7.0	14	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
107-02-8	Acrolein	ND	IS-LO	ug/kg dry	7.0	14	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
107-13-1	Acrylonitrile	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
71-43-2	Benzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-27-4	Bromodichloromethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-25-2	Bromoform	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
74-83-9	Bromomethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-15-0	Carbon disulfide	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
56-23-5	Carbon tetrachloride	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
108-90-7	Chlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-00-3	Chloroethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
67-66-3	Chloroform	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
74-87-3	Chloromethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
124-48-1	Dibromochloromethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
74-95-3	Dibromomethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-71-8	Dichlorodifluoromethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
100-41-4	Ethyl Benzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
79-20-9	Methyl acetate	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-09-2	Methylene chloride	ND	IS-LO	ug/kg dry	7.0	14	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
95-47-6	o-Xylene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK

Sample Information

Client Sample ID: 017 / DUP-1 **York Sample ID:** 14J0519-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 3:00 pm	10/10/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND	IS-LO	ug/kg dry	7.0	14	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
100-42-5	Styrene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
127-18-4	**Tetrachloroethylene**	**12**	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
108-88-3	Toluene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
79-01-6	Trichloroethylene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-69-4	Trichlorofluoromethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
75-01-4	Vinyl Chloride	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK
1330-20-7	Xylenes, Total	ND	IS-LO	ug/kg dry	11	21	1	EPA 8260C	10/16/2014 09:11	10/16/2014 16:01	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*117 %*		*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*		*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*170 %*	S-04	*85-120*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
98-86-2	Acetophenone	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
120-12-7	Anthracene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
1912-24-9	Atrazine	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
92-87-5	Benzidine	ND		ug/kg dry	884	1760	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
56-55-3	**Benzo(a)anthracene**	**858**	J	ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
50-32-8	**Benzo(a)pyrene**	**506**	J	ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
205-99-2	**Benzo(b)fluoranthene**	**457**	J	ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
65-85-0	Benzoic acid	ND		ug/kg dry	603	1760	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
207-08-9	**Benzo(k)fluoranthene**	**543**	J	ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH

Sample Information

Client Sample ID: 017 / DUP-1 **York Sample ID:** 14J0519-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 3:00 pm	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
105-60-2	Caprolactam	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
86-74-8	Carbazole	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
218-01-9	**Chrysene**	**723**	J	ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	884	1760	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	884	1760	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
206-44-0	**Fluoranthene**	**1060**		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
86-73-7	Fluorene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**265**	J	ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
78-59-1	Isophorone	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH

Sample Information

Client Sample ID: 017 / DUP-1 **York Sample ID:** 14J0519-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 3:00 pm	10/10/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
91-20-3	Naphthalene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	445	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
85-01-8	**Phenanthrene**	**538**	J	ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
108-95-2	Phenol	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
129-00-0	**Pyrene**	**1240**		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	222	882	5	EPA 8270D	10/15/2014 07:24	10/15/2014 22:04	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*56.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*61.8 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.1 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.2 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*42.2 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*84.7 %*	*10-137*

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
309-00-2	Aldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
57-74-9	Chlordane, total	ND		ug/kg dry	69.9	69.9	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW

Sample Information

Client Sample ID: 017 / DUP-1 **York Sample ID:** 14J0519-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 3:00 pm	10/10/2014

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
72-20-8	Endrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.73	8.73	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW
8001-35-2	Toxaphene	ND		ug/kg dry	88.4	88.4	5	EPA 8081B	10/15/2014 13:41	10/16/2014 15:42	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.9 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/kg dry	176	176	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:48	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	176	176	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:48	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	176	176	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:48	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	176	176	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:48	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	176	176	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:48	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	176	176	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:48	AMC
11096-82-5	**Aroclor 1260**	**1500**		ug/kg dry	176	176	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:48	AMC
1336-36-3	*** Total PCBs**	**1500**		ug/kg dry	176	176	10	EPA 8082A	10/15/2014 13:41	10/17/2014 12:48	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.0 %*	*30-140*

Sample Information

Client Sample ID: 017 / DUP-1 **York Sample ID:** 14J0519-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 3:00 pm	10/10/2014

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7430000**		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-36-0	Antimony	ND		ug/kg dry	529	529	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-38-2	**Arsenic**	**4700**		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-39-3	**Barium**	**1010000**		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-41-7	Beryllium	ND		ug/kg dry	106	106	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-43-9	Cadmium	ND		ug/kg dry	318	318	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-70-2	**Calcium**	**6070000**		ug/kg dry	529	5290	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-47-3	**Chromium**	**16200**		ug/kg dry	529	529	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-48-4	**Cobalt**	**7960**		ug/kg dry	529	529	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-50-8	**Copper**	**34400**		ug/kg dry	529	529	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7439-89-6	**Iron**	**15800000**		ug/kg dry	2120	2120	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7439-92-1	**Lead**	**179000**		ug/kg dry	318	318	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7439-95-4	**Magnesium**	**3230000**		ug/kg dry	5290	5290	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7439-96-5	**Manganese**	**225000**		ug/kg dry	529	529	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-02-0	**Nickel**	**22800**		ug/kg dry	529	529	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-09-7	**Potassium**	**1880000**		ug/kg dry	5290	5290	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7782-49-2	Selenium	ND		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-22-4	Silver	ND		ug/kg dry	529	529	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-23-5	**Sodium**	**153000**		ug/kg dry	10600	10600	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-28-0	Thallium	ND		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-62-2	**Vanadium**	**26300**		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW
7440-66-6	**Zinc**	**140000**		ug/kg dry	1060	1060	1	EPA 6010C	10/15/2014 13:52	10/15/2014 18:56	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**175**		ug/kg dry	31.8	31.8	1	EPA 7473	10/15/2014 11:23	10/15/2014 15:46	ALD

Sample Information

Client Sample ID: 017 / DUP-1 **York Sample ID:** 14J0519-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0519	525 W 52 St	Soil	October 9, 2014 3:00 pm	10/10/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.4		%	0.100	0.100	1	SM 2540G	10/15/2014 12:38	10/15/2014 15:19	KK

Analytical Batch Summary

Batch ID: BJ40786 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
14J0519-01	001 / LSB-9A	10/15/14
14J0519-02	002 / LSB-9B	10/15/14
14J0519-03	003 / LSB-8A	10/15/14
14J0519-04	004 / LSB-8B	10/15/14
14J0519-05	005 / LSB-10B	10/15/14
14J0519-06	006 / LSB-10A	10/15/14
14J0519-09	017 / DUP-1	10/15/14
BJ40786-BLK1	Blank	10/15/14
BJ40786-BS1	LCS	10/15/14
BJ40786-BSD1	LCS Dup	10/15/14

Batch ID: BJ40805 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14J0519-01	001 / LSB-9A	10/15/14
14J0519-02	002 / LSB-9B	10/15/14
14J0519-03	003 / LSB-8A	10/15/14
14J0519-04	004 / LSB-8B	10/15/14
14J0519-05	005 / LSB-10B	10/15/14
14J0519-06	006 / LSB-10A	10/15/14
14J0519-09	017 / DUP-1	10/15/14
BJ40805-BLK1	Blank	10/15/14
BJ40805-SRM1	Reference	10/15/14

Batch ID: BJ40811 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14J0519-01	001 / LSB-9A	10/15/14
14J0519-02	002 / LSB-9B	10/15/14
14J0519-03	003 / LSB-8A	10/15/14
14J0519-04	004 / LSB-8B	10/15/14
14J0519-05	005 / LSB-10B	10/15/14
14J0519-06	006 / LSB-10A	10/15/14
14J0519-09	017 / DUP-1	10/15/14

Batch ID: BJ40821 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14J0519-01	001 / LSB-9A	10/15/14
14J0519-02	002 / LSB-9B	10/15/14
14J0519-04	004 / LSB-8B	10/15/14
14J0519-06	006 / LSB-10A	10/15/14
BJ40821-BLK1	Blank	10/15/14
BJ40821-BS1	LCS	10/15/14

BJ40821-BSD1	LCS Dup	10/15/14

Batch ID: BJ40822 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14J0519-01	001 / LSB-9A	10/15/14
14J0519-01	001 / LSB-9A	10/15/14
14J0519-02	002 / LSB-9B	10/15/14
14J0519-02	002 / LSB-9B	10/15/14
14J0519-03	003 / LSB-8A	10/15/14
14J0519-03	003 / LSB-8A	10/15/14
14J0519-04	004 / LSB-8B	10/15/14
14J0519-04	004 / LSB-8B	10/15/14
14J0519-05	005 / LSB-10B	10/15/14
14J0519-05	005 / LSB-10B	10/15/14
14J0519-06	006 / LSB-10A	10/15/14
14J0519-06	006 / LSB-10A	10/15/14
14J0519-09	017 / DUP-1	10/15/14
14J0519-09	017 / DUP-1	10/15/14
BJ40822-BLK1	Blank	10/15/14
BJ40822-BLK1	Blank	10/15/14
BJ40822-BS1	LCS	10/15/14
BJ40822-BS2	LCS	10/15/14
BJ40822-BSD1	LCS Dup	10/15/14

Batch ID: BJ40825 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14J0519-01	001 / LSB-9A	10/15/14
14J0519-02	002 / LSB-9B	10/15/14
14J0519-03	003 / LSB-8A	10/15/14
14J0519-04	004 / LSB-8B	10/15/14
14J0519-05	005 / LSB-10B	10/15/14
14J0519-06	006 / LSB-10A	10/15/14
14J0519-09	017 / DUP-1	10/15/14
BJ40825-BLK1	Blank	10/15/14
BJ40825-DUP1	Duplicate	10/15/14
BJ40825-MS1	Matrix Spike	10/15/14
BJ40825-SRM1	Reference	10/15/14

Batch ID: BJ40884 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14J0519-03	003 / LSB-8A	10/16/14
14J0519-05	005 / LSB-10B	10/16/14
14J0519-09	017 / DUP-1	10/16/14
BJ40884-BLK1	Blank	10/16/14
BJ40884-BS1	LCS	10/16/14
BJ40884-BSD1	LCS Dup	10/16/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40821 - EPA 5035A											
Blank (BJ40821-BLK1)											Prepared & Analyzed: 10/15/2014
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

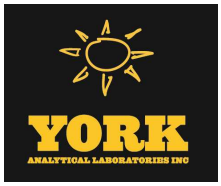
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40821 - EPA 5035A											
Blank (BJ40821-BLK1)									Prepared & Analyzed: 10/15/2014		
Styrene	ND	5.0	ug/kg wet								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*ug/L*	*50.0*		*98.0*	*77-125*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.6*	*76-130*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.9*	*85-120*				
LCS (BJ40821-BS1)									Prepared & Analyzed: 10/15/2014		
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		113	75-129				
1,1,1-Trichloroethane	58		"	50.0		115	71-137				
1,1,2,2-Tetrachloroethane	61		"	50.0		123	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	58-146				
1,1,2-Trichloroethane	55		"	50.0		111	83-123				
1,1-Dichloroethane	56		"	50.0		111	75-130				
1,1-Dichloroethylene	54		"	50.0		109	64-137				
1,2,4-Trichlorobenzene	60		"	50.0		119	80-141				
1,2,4-Trimethylbenzene	57		"	50.0		114	84-125				
1,2-Dibromo-3-chloropropane	61		"	50.0		121	74-142				
1,2-Dibromoethane	56		"	50.0		112	86-123				
1,2-Dichlorobenzene	59		"	50.0		118	85-122				
1,2-Dichloroethane	56		"	50.0		112	71-133				
1,2-Dichloropropane	54		"	50.0		107	81-122				
1,3,5-Trimethylbenzene	59		"	50.0		118	82-126				
1,3-Dichlorobenzene	59		"	50.0		118	84-124				
1,4-Dichlorobenzene	58		"	50.0		116	84-124				
1,4-Dioxane	1900		"	1000		189	10-228				
2-Butanone	70		"	50.0		140	58-147				
2-Hexanone	55		"	50.0		111	70-139				
4-Methyl-2-pentanone	54		"	50.0		108	72-132				
Acetone	58		"	50.0		117	36-155				
Acrolein	60		"	50.0		121	10-238				
Acrylonitrile	57		"	50.0		115	66-141				
Benzene	58		"	50.0		115	77-127				
Bromodichloromethane	55		"	50.0		111	81-124				
Bromoform	61		"	50.0		121	80-136				
Bromomethane	53		"	50.0		106	32-177				
Carbon disulfide	55		"	50.0		110	10-136				
Carbon tetrachloride	57		"	50.0		114	66-143				
Chlorobenzene	55		"	50.0		111	86-120				
Chloroethane	58		"	50.0		116	51-142				
Chloroform	56		"	50.0		111	76-131				
Chloromethane	50		"	50.0		100	49-132				
cis-1,2-Dichloroethylene	55		"	50.0		111	74-132				
cis-1,3-Dichloropropylene	53		"	50.0		106	81-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40821 - EPA 5035A											
LCS (BJ40821-BS1)							Prepared & Analyzed: 10/15/2014				
Dibromochloromethane	57		ug/L	50.0		113	10-200				
Dibromomethane	55		"	50.0		111	83-124				
Dichlorodifluoromethane	52		"	50.0		104	28-158				
Ethyl Benzene	57		"	50.0		114	84-125				
Hexachlorobutadiene	61		"	50.0		121	83-133				
Isopropylbenzene	61		"	50.0		122	81-127				
Methyl acetate	52		"	50.0		103	41-143				
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	74-131				
Methylene chloride	55		"	50.0		111	57-141				
n-Butylbenzene	58		"	50.0		117	80-130				
n-Propylbenzene	60		"	50.0		120	74-136				
o-Xylene	56		"	50.0		111	83-123				
p- & m- Xylenes	110		"	100		110	82-128				
p-Isopropyltoluene	59		"	50.0		119	85-125				
sec-Butylbenzene	59		"	50.0		118	83-125				
Styrene	56		"	50.0		112	86-126				
tert-Butyl alcohol (TBA)	61		"	50.0		122	70-130				
tert-Butylbenzene	58		"	50.0		116	80-127				
Tetrachloroethylene	53		"	50.0		106	80-129				
Toluene	56		"	50.0		113	85-121				
trans-1,2-Dichloroethylene	57		"	50.0		113	72-132				
trans-1,3-Dichloropropylene	54		"	50.0		108	78-132				
Trichloroethylene	56		"	50.0		112	84-123				
Trichlorofluoromethane	54		"	50.0		109	62-140				
Vinyl Chloride	51		"	50.0		103	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.6*	*77-125*				
Surrogate: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.3*	*85-120*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40821 - EPA 5035A											
LCS Dup (BJ40821-BSD1)							Prepared & Analyzed: 10/15/2014				
1,1,1,2-Tetrachloroethane	58		ug/L	50.0		116	75-129		3.37	30	
1,1,1-Trichloroethane	58		"	50.0		117	71-137		1.19	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		113	79-129		8.12	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		105	58-146		3.27	30	
1,1,2-Trichloroethane	57		"	50.0		113	83-123		2.54	30	
1,1-Dichloroethane	55		"	50.0		111	75-130		0.306	30	
1,1-Dichloroethylene	54		"	50.0		109	64-137		0.0552	30	
1,2,4-Trichlorobenzene	56		"	50.0		111	80-141		6.83	30	
1,2,4-Trimethylbenzene	56		"	50.0		112	84-125		1.70	30	
1,2-Dibromo-3-chloropropane	60		"	50.0		119	74-142		1.38	30	
1,2-Dibromoethane	56		"	50.0		112	86-123		0.500	30	
1,2-Dichlorobenzene	56		"	50.0		112	85-122		5.13	30	
1,2-Dichloroethane	56		"	50.0		112	71-133		0.714	30	
1,2-Dichloropropane	55		"	50.0		110	81-122		2.43	30	
1,3,5-Trimethylbenzene	57		"	50.0		114	82-126		3.47	30	
1,3-Dichlorobenzene	56		"	50.0		112	84-124		5.06	30	
1,4-Dichlorobenzene	56		"	50.0		111	84-124		4.42	30	
1,4-Dioxane	1700		"	1000		170	10-228		10.1	30	
2-Butanone	58		"	50.0		115	58-147		19.3	30	
2-Hexanone	56		"	50.0		113	70-139		1.83	30	
4-Methyl-2-pentanone	55		"	50.0		110	72-132		1.52	30	
Acetone	59		"	50.0		117	36-155		0.171	30	
Acrolein	51		"	50.0		103	10-238		15.9	30	
Acrylonitrile	55		"	50.0		111	66-141		3.35	30	
Benzene	56		"	50.0		111	77-127		3.62	30	
Bromodichloromethane	56		"	50.0		111	81-124		0.703	30	
Bromoform	58		"	50.0		116	80-136		4.31	30	
Bromomethane	52		"	50.0		104	32-177		1.33	30	
Carbon disulfide	53		"	50.0		105	10-136		4.15	30	
Carbon tetrachloride	55		"	50.0		110	66-143		2.82	30	
Chlorobenzene	56		"	50.0		112	86-120		1.56	30	
Chloroethane	57		"	50.0		114	51-142		1.60	30	
Chloroform	56		"	50.0		113	76-131		1.61	30	
Chloromethane	49		"	50.0		98.6	49-132		1.87	30	
cis-1,2-Dichloroethylene	56		"	50.0		111	74-132		0.631	30	
cis-1,3-Dichloropropylene	55		"	50.0		109	81-129		2.77	30	
Dibromochloromethane	58		"	50.0		115	10-200		1.56	30	
Dibromomethane	56		"	50.0		112	83-124		0.647	30	
Dichlorodifluoromethane	51		"	50.0		101	28-158		2.47	30	
Ethyl Benzene	56		"	50.0		113	84-125		0.583	30	
Hexachlorobutadiene	58		"	50.0		117	83-133		3.81	30	
Isopropylbenzene	58		"	50.0		116	81-127		4.81	30	
Methyl acetate	48		"	50.0		96.2	41-143		6.96	30	
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	74-131		0.338	30	
Methylene chloride	54		"	50.0		108	57-141		3.15	30	
n-Butylbenzene	57		"	50.0		114	80-130		2.27	30	
n-Propylbenzene	56		"	50.0		113	74-136		6.20	30	
o-Xylene	56		"	50.0		112	83-123		1.23	30	
p- & m- Xylenes	110		"	100		113	82-128		2.48	30	
p-Isopropyltoluene	56		"	50.0		113	85-125		5.08	30	
sec-Butylbenzene	58		"	50.0		116	83-125		1.57	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

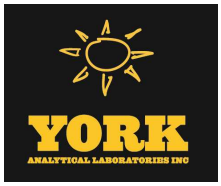
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40821 - EPA 5035A											
LCS Dup (BJ40821-BSD1)								Prepared & Analyzed: 10/15/2014			
Styrene	57		ug/L	50.0		113	86-126		1.10	30	
tert-Butyl alcohol (TBA)	58		"	50.0		115	70-130		5.51	30	
tert-Butylbenzene	58		"	50.0		117	80-127		0.360	30	
Tetrachloroethylene	55		"	50.0		109	80-129		2.60	30	
Toluene	56		"	50.0		111	85-121		1.35	30	
trans-1,2-Dichloroethylene	56		"	50.0		112	72-132		0.834	30	
trans-1,3-Dichloropropylene	54		"	50.0		108	78-132		0.186	30	
Trichloroethylene	55		"	50.0		110	84-123		2.02	30	
Trichlorofluoromethane	54		"	50.0		109	62-140		0.239	30	
Vinyl Chloride	51		"	50.0		102	52-130		0.176	30	
Surrogate: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.2*	*77-125*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Batch BJ40884 - EPA 5035A											
Blank (BJ40884-BLK1)								Prepared & Analyzed: 10/16/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40884 - EPA 5035A											
Blank (BJ40884-BLK1)											Prepared & Analyzed: 10/16/2014
cis-1,3-Dichloropropylene	ND	5.0	ug/kg wet								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*ug/L*	*50.0*		*98.7*	*77-125*				
Surrogate: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*76-130*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40884 - EPA 5035A											
LCS (BJ40884-BS1)								Prepared & Analyzed: 10/16/2014			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	56		"	50.0		112	71-137				
1,1,2,2-Tetrachloroethane	58		"	50.0		116	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	58-146				
1,1,2-Trichloroethane	57		"	50.0		114	83-123				
1,1-Dichloroethane	56		"	50.0		112	75-130				
1,1-Dichloroethylene	54		"	50.0		109	64-137				
1,2,4-Trichlorobenzene	52		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	53		"	50.0		106	84-125				
1,2-Dibromo-3-chloropropane	61		"	50.0		122	74-142				
1,2-Dibromoethane	55		"	50.0		111	86-123				
1,2-Dichlorobenzene	55		"	50.0		110	85-122				
1,2-Dichloroethane	55		"	50.0		111	71-133				
1,2-Dichloropropane	53		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	55		"	50.0		109	82-126				
1,3-Dichlorobenzene	55		"	50.0		109	84-124				
1,4-Dichlorobenzene	54		"	50.0		108	84-124				
1,4-Dioxane	1100		"	1000		114	10-228				
2-Butanone	61		"	50.0		123	58-147				
2-Hexanone	58		"	50.0		117	70-139				
4-Methyl-2-pentanone	56		"	50.0		112	72-132				
Acetone	66		"	50.0		131	36-155				
Acrolein	61		"	50.0		122	10-238				
Acrylonitrile	59		"	50.0		118	66-141				
Benzene	55		"	50.0		109	77-127				
Bromodichloromethane	56		"	50.0		111	81-124				
Bromoform	58		"	50.0		117	80-136				
Bromomethane	55		"	50.0		109	32-177				
Carbon disulfide	54		"	50.0		109	10-136				
Carbon tetrachloride	55		"	50.0		110	66-143				
Chlorobenzene	54		"	50.0		108	86-120				
Chloroethane	58		"	50.0		115	51-142				
Chloroform	54		"	50.0		108	76-131				
Chloromethane	53		"	50.0		105	49-132				
cis-1,2-Dichloroethylene	63		"	50.0		126	74-132				
cis-1,3-Dichloropropylene	56		"	50.0		111	81-129				
Dibromochloromethane	56		"	50.0		113	10-200				
Dibromomethane	54		"	50.0		108	83-124				
Dichlorodifluoromethane	51		"	50.0		103	28-158				
Ethyl Benzene	53		"	50.0		107	84-125				
Hexachlorobutadiene	50		"	50.0		101	83-133				
Isopropylbenzene	55		"	50.0		110	81-127				
Methyl acetate	57		"	50.0		113	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		113	74-131				
Methylene chloride	52		"	50.0		104	57-141				
n-Butylbenzene	52		"	50.0		105	80-130				
n-Propylbenzene	55		"	50.0		110	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	100		"	100		103	82-128				
p-Isopropyltoluene	55		"	50.0		110	85-125				
sec-Butylbenzene	56		"	50.0		112	83-125				

Volatile Organic Compounds by GC/MS - Quality Control Data

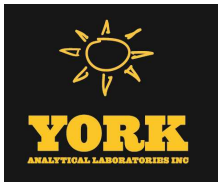
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40884 - EPA 5035A											
LCS (BJ40884-BS1)								Prepared & Analyzed: 10/16/2014			
Styrene	53		ug/L	50.0		107	86-126				
tert-Butyl alcohol (TBA)	62		"	50.0		124	70-130				
tert-Butylbenzene	54		"	50.0		109	80-127				
Tetrachloroethylene	55		"	50.0		110	80-129				
Toluene	54		"	50.0		108	85-121				
trans-1,2-Dichloroethylene	55		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	54		"	50.0		109	78-132				
Trichloroethylene	54		"	50.0		108	84-123				
Trichlorofluoromethane	55		"	50.0		111	62-140				
Vinyl Chloride	53		"	50.0		106	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
LCS Dup (BJ40884-BSD1)								Prepared & Analyzed: 10/16/2014			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		107	75-129		2.57	30	
1,1,1-Trichloroethane	55		"	50.0		109	71-137		2.76	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		9.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		103	58-146		4.59	30	
1,1,2-Trichloroethane	53		"	50.0		107	83-123		6.63	30	
1,1-Dichloroethane	54		"	50.0		107	75-130		4.72	30	
1,1-Dichloroethylene	54		"	50.0		107	64-137		1.61	30	
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141		2.55	30	
1,2,4-Trimethylbenzene	54		"	50.0		107	84-125		0.880	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		109	74-142		11.7	30	
1,2-Dibromoethane	51		"	50.0		101	86-123		8.97	30	
1,2-Dichlorobenzene	55		"	50.0		110	85-122		0.0363	30	
1,2-Dichloroethane	51		"	50.0		102	71-133		7.70	30	
1,2-Dichloropropane	52		"	50.0		104	81-122		2.51	30	
1,3,5-Trimethylbenzene	57		"	50.0		114	82-126		4.18	30	
1,3-Dichlorobenzene	54		"	50.0		109	84-124		0.128	30	
1,4-Dichlorobenzene	54		"	50.0		108	84-124		0.704	30	
1,4-Dioxane	1100		"	1000		106	10-228		7.01	30	
2-Butanone	53		"	50.0		106	58-147		14.3	30	
2-Hexanone	50		"	50.0		99.7	70-139		15.7	30	
4-Methyl-2-pentanone	49		"	50.0		98.6	72-132		12.7	30	
Acetone	64		"	50.0		128	36-155		2.98	30	
Acrolein	46		"	50.0		91.5	10-238		28.2	30	
Acrylonitrile	50		"	50.0		100	66-141		16.6	30	
Benzene	53		"	50.0		105	77-127		3.96	30	
Bromodichloromethane	52		"	50.0		103	81-124		7.43	30	
Bromoform	54		"	50.0		109	80-136		7.15	30	
Bromomethane	56		"	50.0		112	32-177		2.08	30	
Carbon disulfide	53		"	50.0		106	10-136		2.50	30	
Carbon tetrachloride	54		"	50.0		108	66-143		2.31	30	
Chlorobenzene	54		"	50.0		107	86-120		0.984	30	
Chloroethane	56		"	50.0		112	51-142		2.34	30	
Chloroform	54		"	50.0		108	76-131		0.777	30	
Chloromethane	51		"	50.0		102	49-132		3.25	30	
cis-1,2-Dichloroethylene	59		"	50.0		118	74-132		6.05	30	
cis-1,3-Dichloropropylene	54		"	50.0		108	81-129		3.24	30	
Dibromochloromethane	53		"	50.0		106	10-200		6.47	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40884 - EPA 5035A											
LCS Dup (BJ40884-BSD1)								Prepared & Analyzed: 10/16/2014			
Dibromomethane	52		ug/L	50.0		103	83-124		4.73	30	
Dichlorodifluoromethane	49		"	50.0		97.8	28-158		4.81	30	
Ethyl Benzene	54		"	50.0		109	84-125		1.97	30	
Hexachlorobutadiene	53		"	50.0		106	83-133		5.09	30	
Isopropylbenzene	56		"	50.0		112	81-127		1.75	30	
Methyl acetate	48		"	50.0		96.7	41-143		15.6	30	
Methyl tert-butyl ether (MTBE)	52		"	50.0		104	74-131		8.19	30	
Methylene chloride	51		"	50.0		101	57-141		2.18	30	
n-Butylbenzene	53		"	50.0		106	80-130		1.20	30	
n-Propylbenzene	55		"	50.0		110	74-136		0.364	30	
o-Xylene	51		"	50.0		102	83-123		3.51	30	
p- & m- Xylenes	110		"	100		107	82-128		4.28	30	
p-Isopropyltoluene	56		"	50.0		112	85-125		2.30	30	
sec-Butylbenzene	56		"	50.0		112	83-125		0.393	30	
Styrene	53		"	50.0		106	86-126		0.734	30	
tert-Butyl alcohol (TBA)	45		"	50.0		89.3	70-130		32.8	30	Non-dir.
tert-Butylbenzene	55		"	50.0		111	80-127		1.75	30	
Tetrachloroethylene	54		"	50.0		108	80-129		1.82	30	
Toluene	54		"	50.0		107	85-121		1.06	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		2.07	30	
trans-1,3-Dichloropropylene	53		"	50.0		106	78-132		2.35	30	
Trichloroethylene	54		"	50.0		108	84-123		0.130	30	
Trichlorofluoromethane	54		"	50.0		108	62-140		2.30	30	
Vinyl Chloride	50		"	50.0		99.5	52-130		6.67	30	
Surrogate: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.7*	*77-125*				
Surrogate: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				
Surrogate: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

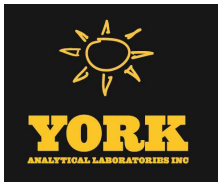
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40786 - EPA 3550C											
Blank (BJ40786-BLK1)											
Prepared: 10/15/2014 Analyzed: 10/16/2014											
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Acetophenone	ND	167	"								
Anthracene	ND	167	"								
Atrazine	ND	167	"								
Benzaldehyde	ND	167	"								
Benzidine	ND	333	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzoic acid	ND	333	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
1,1'-Biphenyl	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
Caprolactam	ND	167	"								
Carbazole	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
2-Chloronaphthalene	ND	167	"								
2-Chlorophenol	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
3,3'-Dichlorobenzidine	ND	333	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								
2,4-Dimethylphenol	ND	167	"								
Dimethyl phthalate	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	167	"								
2,4-Dinitrophenol	ND	333	"								
2,4-Dinitrotoluene	ND	167	"								
2,6-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40786 - EPA 3550C											
Blank (BJ40786-BLK1)											Prepared: 10/15/2014 Analyzed: 10/16/2014
4-Nitroaniline	ND	167	ug/kg wet								
2-Nitroaniline	ND	167	"								
3-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
2-Nitrophenol	ND	167	"								
4-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
Surrogate: 2-Fluorophenol	*1170*		*"*	*2500*		*46.7*	*10-105*				
Surrogate: Phenol-d5	*1330*		*"*	*2500*		*53.2*	*10-118*				
Surrogate: Nitrobenzene-d5	*785*		*"*	*1670*		*47.0*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*912*		*"*	*1670*		*54.7*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*1140*		*"*	*2510*		*45.5*	*10-150*				
Surrogate: Terphenyl-d14	*1110*		*"*	*1670*		*66.7*	*10-137*				
LCS (BJ40786-BS1)											Prepared: 10/15/2014 Analyzed: 10/16/2014
Acenaphthene	1150	167	ug/kg wet	1670		68.7	17-124				
Acenaphthylene	1330	167	"	1670		80.1	16-124				
Acetophenone	1320	167	"	1670		79.4	28-105				
Anthracene	1220	167	"	1670		73.3	24-124				
Atrazine	1070	167	"	1670		64.4	22-120				
Benzaldehyde	1020	167	"	1670		61.0	21-100				
Benzo(a)anthracene	1620	167	"	1670		97.5	25-134				
Benzo(a)pyrene	1940	167	"	1670		116	29-144				
Benzo(b)fluoranthene	1720	167	"	1670		103	20-151				
Benzo(g,h,i)perylene	2100	167	"	1670		126	10-153				
Benzoic acid	749	333	"	1670		45.0	10-116				
Benzo(k)fluoranthene	1280	167	"	1670		76.5	10-148				
Benzyl butyl phthalate	1840	167	"	1670		110	10-132				
1,1'-Biphenyl	1010	167	"	1670		60.8	22-103				
4-Bromophenyl phenyl ether	1400	167	"	1670		84.1	30-138				
Caprolactam	1160	167	"	1670		69.8	10-123				
Carbazole	1510	167	"	1670		90.8	31-120				
Bis(2-chloroethoxy)methane	1580	167	"	1670		94.6	10-129				
Bis(2-chloroethyl)ether	1350	167	"	1670		81.0	14-125				
Bis(2-chloroisopropyl)ether	1340	167	"	1670		80.2	14-122				
2-Chloronaphthalene	1310	167	"	1670		78.9	22-115				
2-Chlorophenol	1310	167	"	1670		78.7	25-121				
4-Chlorophenyl phenyl ether	1300	167	"	1670		77.8	18-132				
Chrysene	1540	167	"	1670		92.4	24-116				
Dibenzo(a,h)anthracene	1700	167	"	1670		102	17-147				
Dibenzofuran	978	167	"	1670		58.7	23-123				
Di-n-butyl phthalate	1220	167	"	1670		72.9	19-123				
3,3'-Dichlorobenzidine	1990	333	"	1670		119	10-147				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40786 - EPA 3550C											
LCS (BJ40786-BS1)								Prepared: 10/15/2014 Analyzed: 10/16/2014			
2,4-Dichlorophenol	1530	167	ug/kg wet	1670		92.1	23-133				
Diethyl phthalate	1390	167	"	1670		83.5	23-122				
2,4-Dimethylphenol	1320	167	"	1670		79.2	15-131				
Dimethyl phthalate	1300	167	"	1670		78.3	28-127				
4,6-Dinitro-2-methylphenol	1500	167	"	1670		90.0	10-149				
2,4-Dinitrophenol	1370	333	"	1670		82.0	10-149				
2,4-Dinitrotoluene	1480	167	"	1670		88.9	30-123				
2,6-Dinitrotoluene	1330	167	"	1670		79.7	30-125				
Di-n-octyl phthalate	1670	167	"	1670		100	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	1220	167	"	1670		73.2	10-140				
Bis(2-ethylhexyl)phthalate	1750	167	"	1670		105	10-141				
Fluoranthene	1230	167	"	1670		73.9	36-125				
Fluorene	1150	167	"	1670		69.0	16-130				
Hexachlorobenzene	1210	167	"	1670		72.4	10-129				
Hexachlorocyclopentadiene	587	167	"	1670		35.2	10-134				
Hexachloroethane	962	167	"	1670		57.7	20-112				
Indeno(1,2,3-cd)pyrene	1800	167	"	1670		108	10-155				
Isophorone	1350	167	"	1670		80.9	14-131				
2-Methylnaphthalene	1500	167	"	1670		89.7	16-127				
2-Methylphenol	1100	167	"	1670		66.1	10-146				
3- & 4-Methylphenols	1330	167	"	1670		79.5	20-109				
Naphthalene	1350	167	"	1670		80.8	20-121				
4-Nitroaniline	1010	167	"	1670		60.8	14-125				
2-Nitroaniline	1360	167	"	1670		81.6	24-126				
3-Nitroaniline	1360	167	"	1670		81.5	23-123				
Nitrobenzene	1440	167	"	1670		86.5	20-121				
2-Nitrophenol	1440	167	"	1670		86.4	17-129				
4-Nitrophenol	1030	167	"	1670		61.9	10-136				
N-nitroso-di-n-propylamine	1320	167	"	1670		79.2	21-119				
N-Nitrosodimethylamine	937	167	"	1670		56.2	10-124				
N-Nitrosodiphenylamine	1600	167	"	1670		95.7	10-163				
Pentachlorophenol	1240	167	"	1670		74.5	10-143				
Phenanthrene	1340	167	"	1670		80.5	24-123				
Phenol	1420	167	"	1670		85.3	15-123				
Pyrene	1790	167	"	1670		107	24-132				
2,4,6-Trichlorophenol	1120	167	"	1670		67.0	27-122				
2,4,5-Trichlorophenol	1080	167	"	1670		65.0	14-138				
Surrogate: 2-Fluorophenol	*1730*		*"*	*2500*		*69.2*	*10-105*				
Surrogate: Phenol-d5	*1800*		*"*	*2500*		*72.1*	*10-118*				
Surrogate: Nitrobenzene-d5	*1250*		*"*	*1670*		*74.9*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1050*		*"*	*1670*		*63.2*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*1760*		*"*	*2510*		*69.9*	*30-130*				
Surrogate: Terphenyl-d14	*1550*		*"*	*1670*		*92.8*	*10-137*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BJ40786 - EPA 3550C

LCS Dup (BJ40786-BSD1) Prepared: 10/15/2014 Analyzed: 10/16/2014

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Acenaphthene	1510	167	ug/kg wet	1670		90.7	17-124		27.6	30	
Acenaphthylene	1290	167	"	1670		77.6	16-124		3.17	30	
Acetophenone	930	167	"	1670		55.8	28-105		35.0	30	Non-dir.
Anthracene	1170	167	"	1670		69.9	24-124		4.72	30	
Atrazine	1210	167	"	1670		72.5	22-120		11.8	30	
Benzaldehyde	1080	167	"	1670		64.5	21-100		5.54	30	
Benzo(a)anthracene	1390	167	"	1670		83.7	25-134		15.3	30	
Benzo(a)pyrene	1440	167	"	1670		86.7	29-144		29.0	30	
Benzo(b)fluoranthene	1390	167	"	1670		83.3	20-151		21.6	30	
Benzo(g,h,i)perylene	1570	167	"	1670		94.4	10-153		28.7	30	
Benzoic acid	786	333	"	1670		47.2	10-116		4.78	30	
Benzo(k)fluoranthene	1290	167	"	1670		77.5	10-148		1.27	30	
Benzyl butyl phthalate	1520	167	"	1670		91.0	10-132		19.3	30	
1,1'-Biphenyl	1230	167	"	1670		74.1	22-103		19.7	30	
4-Bromophenyl phenyl ether	1050	167	"	1670		63.2	30-138		28.5	30	
Caprolactam	1260	167	"	1670		75.4	10-123		7.72	30	
Carbazole	1120	167	"	1670		67.2	31-120		29.9	30	
Bis(2-chloroethoxy)methane	1150	167	"	1670		69.2	10-129		31.0	30	Non-dir.
Bis(2-chloroethyl)ether	891	167	"	1670		53.4	14-125		41.0	30	Non-dir.
Bis(2-chloroisopropyl)ether	1030	167	"	1670		62.0	14-122		25.5	30	
2-Chloronaphthalene	1370	167	"	1670		82.0	22-115		3.90	30	
2-Chlorophenol	939	167	"	1670		56.3	25-121		33.1	30	Non-dir.
4-Chlorophenyl phenyl ether	1170	167	"	1670		70.2	18-132		10.3	30	
Chrysene	1430	167	"	1670		85.6	24-116		7.64	30	
Dibenzo(a,h)anthracene	1410	167	"	1670		84.8	17-147		18.4	30	
Dibenzofuran	1140	167	"	1670		68.3	23-123		15.2	30	
Di-n-butyl phthalate	1230	167	"	1670		73.8	19-123		1.17	30	
3,3'-Dichlorobenzidine	1600	333	"	1670		96.0	10-147		21.7	30	
2,4-Dichlorophenol	883	167	"	1670		53.0	23-133		53.9	30	Non-dir.
Diethyl phthalate	1460	167	"	1670		87.9	23-122		5.09	30	
2,4-Dimethylphenol	892	167	"	1670		53.5	15-131		38.7	30	Non-dir.
Dimethyl phthalate	1510	167	"	1670		90.4	28-127		14.3	30	
4,6-Dinitro-2-methylphenol	1240	167	"	1670		74.4	10-149		18.9	30	
2,4-Dinitrophenol	1460	333	"	1670		87.9	10-149		6.97	30	
2,4-Dinitrotoluene	1260	167	"	1670		75.5	30-123		16.3	30	
2,6-Dinitrotoluene	1290	167	"	1670		77.7	30-125		2.52	30	
Di-n-octyl phthalate	1440	167	"	1670		86.5	10-132		14.7	30	
1,2-Diphenylhydrazine (as Azobenzene)	1120	167	"	1670		67.3	10-140		8.43	30	
Bis(2-ethylhexyl)phthalate	1440	167	"	1670		86.6	10-141		19.3	30	
Fluoranthene	1210	167	"	1670		72.7	36-125		1.56	30	
Fluorene	1480	167	"	1670		88.9	16-130		25.1	30	
Hexachlorobenzene	1260	167	"	1670		75.4	10-129		4.09	30	
Hexachlorocyclopentadiene	666	167	"	1670		40.0	10-134		12.6	30	
Hexachloroethane	792	167	"	1670		47.5	20-112		19.3	30	
Indeno(1,2,3-cd)pyrene	1280	167	"	1670		76.8	10-155		33.8	30	Non-dir.
Isophorone	1090	167	"	1670		65.7	14-131		20.7	30	
2-Methylnaphthalene	1110	167	"	1670		66.7	16-127		29.4	30	
2-Methylphenol	1060	167	"	1670		63.5	10-146		3.98	30	
3- & 4-Methylphenols	1010	167	"	1670		60.6	20-109		27.0	30	
Naphthalene	873	167	"	1670		52.4	20-121		42.7	30	Non-dir.
4-Nitroaniline	1100	167	"	1670		65.9	14-125		7.99	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40786 - EPA 3550C											
LCS Dup (BJ40786-BSD1)									Prepared: 10/15/2014 Analyzed: 10/16/2014		
2-Nitroaniline	1260	167	ug/kg wet	1670		75.8	24-126		7.32	30	
3-Nitroaniline	1210	167	"	1670		72.5	23-123		11.6	30	
Nitrobenzene	1130	167	"	1670		67.6	20-121		24.6	30	
2-Nitrophenol	1040	167	"	1670		62.4	17-129		32.3	30	Non-dir.
4-Nitrophenol	1210	167	"	1670		72.5	10-136		15.8	30	
N-nitroso-di-n-propylamine	941	167	"	1670		56.4	21-119		33.6	30	Non-dir.
N-Nitrosodimethylamine	757	167	"	1670		45.4	10-124		21.2	30	
N-Nitrosodiphenylamine	1180	167	"	1670		71.1	10-163		29.5	30	
Pentachlorophenol	1260	167	"	1670		75.4	10-143		1.17	30	
Phenanthrene	1240	167	"	1670		74.5	24-123		7.64	30	
Phenol	956	167	"	1670		57.3	15-123		39.2	30	Non-dir.
Pyrene	1510	167	"	1670		90.8	24-132		16.7	30	
2,4,6-Trichlorophenol	1230	167	"	1670		74.0	27-122		9.95	30	
2,4,5-Trichlorophenol	1110	167	"	1670		66.6	14-138		2.43	30	
Surrogate: 2-Fluorophenol	*1470*		*"*	*2500*		*58.9*	*10-105*				
Surrogate: Phenol-d5	*1280*		*"*	*2500*		*51.1*	*10-118*				
Surrogate: Nitrobenzene-d5	*842*		*"*	*1670*		*50.4*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1120*		*"*	*1670*		*67.0*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*1520*		*"*	*2510*		*60.3*	*30-130*				
Surrogate: Terphenyl-d14	*1030*		*"*	*1670*		*62.1*	*10-137*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40822 - EPA 3550C											
Blank (BJ40822-BLK1)											Prepared: 10/15/2014 Analyzed: 10/16/2014
4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	13.2	"								
gamma-Chlordane	ND	0.330	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Tetrachloro-m-xylene	*67.6*		*"*	*66.7*		*101*	*30-140*				
Surrogate: Decachlorobiphenyl	*65.7*		*"*	*66.7*		*98.6*	*30-140*				
LCS (BJ40822-BS1)											Prepared: 10/15/2014 Analyzed: 10/16/2014
4,4'-DDD	32.3	0.330	ug/kg wet	33.3		96.9	40-140				
4,4'-DDE	32.0	0.330	"	33.3		96.1	40-140				
4,4'-DDT	37.8	0.330	"	33.3		113	40-140				
Aldrin	29.8	0.330	"	33.3		89.3	40-140				
alpha-BHC	33.9	0.330	"	33.3		102	40-140				
beta-BHC	34.0	0.330	"	33.3		102	40-140				
gamma-Chlordane	29.0	0.330	"	33.3		86.9	40-140				
delta-BHC	32.7	0.330	"	33.3		98.0	40-140				
Dieldrin	30.9	0.330	"	33.3		92.6	40-140				
Endosulfan I	30.6	0.330	"	33.3		91.9	40-140				
Endosulfan II	29.8	0.330	"	33.3		89.3	40-140				
Endosulfan sulfate	30.2	0.330	"	33.3		90.7	40-140				
Endrin	32.5	0.330	"	33.3		97.6	40-140				
Endrin aldehyde	25.7	0.330	"	33.3		77.2	40-140				
Endrin ketone	30.0	0.330	"	33.3		90.0	40-140				
gamma-BHC (Lindane)	31.5	0.330	"	33.3		94.6	40-140				
Heptachlor	29.1	0.330	"	33.3		87.4	40-140				
Heptachlor epoxide	28.7	0.330	"	33.3		86.0	40-140				
alpha-Chlordane	28.1	0.330	"	33.3		84.3	40-140				
Methoxychlor	37.4	1.65	"	33.3		112	40-140				
Surrogate: Tetrachloro-m-xylene	*65.7*		*"*	*66.7*		*98.6*	*30-140*				
Surrogate: Decachlorobiphenyl	*60.6*		*"*	*66.7*		*90.8*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40822 - EPA 3550C											
LCS Dup (BJ40822-BSD1)									Prepared: 10/15/2014 Analyzed: 10/16/2014		
4,4'-DDD	31.7	0.330	ug/kg wet	33.3		95.0	40-140		1.94	30	
4,4'-DDE	31.5	0.330	"	33.3		94.4	40-140		1.77	30	
4,4'-DDT	38.1	0.330	"	33.3		114	40-140		0.797	30	
Aldrin	29.7	0.330	"	33.3		89.1	40-140		0.154	30	
alpha-BHC	33.9	0.330	"	33.3		102	40-140		0.0492	30	
beta-BHC	34.1	0.330	"	33.3		102	40-140		0.138	30	
gamma-Chlordane	29.2	0.330	"	33.3		87.6	40-140		0.902	30	
delta-BHC	32.6	0.330	"	33.3		97.9	40-140		0.159	30	
Dieldrin	31.2	0.330	"	33.3		93.6	40-140		1.11	30	
Endosulfan I	31.0	0.330	"	33.3		92.9	40-140		1.06	30	
Endosulfan II	29.6	0.330	"	33.3		88.9	40-140		0.403	30	
Endosulfan sulfate	30.0	0.330	"	33.3		90.1	40-140		0.729	30	
Endrin	32.6	0.330	"	33.3		97.7	40-140		0.0941	30	
Endrin aldehyde	25.7	0.330	"	33.3		77.1	40-140		0.216	30	
Endrin ketone	30.6	0.330	"	33.3		91.7	40-140		1.87	30	
gamma-BHC (Lindane)	31.5	0.330	"	33.3		94.6	40-140		0.0359	30	
Heptachlor	29.4	0.330	"	33.3		88.2	40-140		0.941	30	
Heptachlor epoxide	28.8	0.330	"	33.3		86.5	40-140		0.650	30	
alpha-Chlordane	28.2	0.330	"	33.3		84.5	40-140		0.319	30	
Methoxychlor	37.5	1.65	"	33.3		112	40-140		0.234	30	
Surrogate: Tetrachloro-m-xylene	*65.5*		*"*	*66.7*		*98.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*57.9*		*"*	*66.7*		*86.9*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40822 - EPA 3550C											
Blank (BJ40822-BLK1)											Prepared: 10/15/2014 Analyzed: 10/16/2014
Aroclor 1016	ND	16.7	ug/kg wet								
Aroclor 1221	ND	16.7	"								
Aroclor 1232	ND	16.7	"								
Aroclor 1242	ND	16.7	"								
Aroclor 1248	ND	16.7	"								
Aroclor 1254	ND	16.7	"								
Aroclor 1260	ND	16.7	"								
Total PCBs	ND	16.7	"								
Surrogate: Tetrachloro-m-xylene	*60.3*		*"*	*66.7*		*90.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*49.3*		*"*	*66.7*		*74.0*	*30-140*				
LCS (BJ40822-BS2)											Prepared: 10/15/2014 Analyzed: 10/16/2014
Aroclor 1016	307	16.7	ug/kg wet	333		92.0	40-130				
Aroclor 1260	294	16.7	"	333		88.1	40-130				
Surrogate: Tetrachloro-m-xylene	*49.7*		*"*	*66.7*		*74.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*45.3*		*"*	*66.7*		*68.0*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40825 - EPA 3050B											
Blank (BJ40825-BLK1)									Prepared & Analyzed: 10/15/2014		
Aluminum	ND	1000	ug/kg wet								
Antimony	ND	500	"								
Arsenic	ND	1000	"								
Barium	ND	1000	"								
Beryllium	ND	100	"								
Cadmium	ND	300	"								
Calcium	ND	5000	"								
Chromium	ND	500	"								
Cobalt	ND	500	"								
Copper	ND	500	"								
Iron	ND	2000	"								
Lead	ND	300	"								
Magnesium	ND	5000	"								
Manganese	ND	500	"								
Nickel	ND	500	"								
Potassium	ND	5000	"								
Selenium	ND	1000	"								
Silver	ND	500	"								
Sodium	ND	10000	"								
Thallium	ND	1000	"								
Vanadium	ND	1000	"								
Zinc	ND	1000	"								
Duplicate (BJ40825-DUP1)	*Source sample: 14J0519-02 (002 / LSB-9B)								Prepared & Analyzed: 10/15/2014		
Aluminum	4630000	1070	ug/kg dry		4590000				0.903	35	
Antimony	58200	534	"		57600				1.07	35	
Arsenic	3670	1070	"		3730				1.61	35	
Barium	316000	1070	"		315000				0.240	35	
Beryllium	ND	107	"		ND					35	
Cadmium	ND	320	"		ND					35	
Calcium	56400000	5340	"		56200000				0.302	35	
Chromium	11900	534	"		11900				0.356	35	
Cobalt	3440	534	"		3430				0.223	35	
Copper	10400	534	"		10400				0.00317	35	
Iron	14400000	2130	"		14400000				0.107	35	
Lead	1500000	320	"		1490000				0.413	35	
Magnesium	4150000	5340	"		4150000				0.126	35	
Manganese	269000	534	"		268000				0.382	35	
Nickel	12900	534	"		12700				1.70	35	
Potassium	934000	5340	"		953000				2.00	35	
Selenium	ND	1070	"		ND					35	
Silver	ND	534	"		ND					35	
Sodium	207000	10700	"		213000				2.97	35	
Thallium	ND	1070	"		ND					35	
Vanadium	11400	1070	"		11500				0.420	35	
Zinc	165000	1070	"		164000				0.549	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40825 - EPA 3050B											
Matrix Spike (BJ40825-MS1)	*Source sample: 14J0519-02 (002 / LSB-9B)							Prepared & Analyzed: 10/15/2014			
Aluminum	4760000	1070	ug/kg dry	213000	4590000	79.8	75-125				
Antimony	89400	534	"	26700	57600	119	75-125				
Arsenic	222000	1070	"	213000	3730	102	75-125				
Barium	535000	1070	"	213000	315000	103	75-125				
Beryllium	4260	107	"	5340	ND	79.9	75-125				
Cadmium	4610	320	"	5340	ND	86.4	75-125				
Chromium	33500	534	"	21300	11900	101	75-125				
Cobalt	56100	534	"	53400	3430	98.7	75-125				
Copper	39300	534	"	26700	10400	108	75-125				
Iron	14300000	2130	"	107000	14400000	NR	75-125	Low Bias			
Lead	1550000	320	"	53400	1490000	109	75-125				
Magnesium	4110000	5340	"		4150000		75-125				
Manganese	323000	534	"	53400	268000	103	75-125				
Nickel	69300	534	"	53400	12700	106	75-125				
Potassium	929000	5340	"		953000		75-125				
Silver	3610	534	"	5340	ND	67.6	75-125	Low Bias			
Sodium	193000	10700	"		213000		75-125				
Thallium	199000	1070	"	213000	ND	93.2	75-125				
Vanadium	64800	1070	"	53400	11500	99.9	75-125				
Zinc	214000	1070	"	53400	164000	94.1	75-125				
Reference (BJ40825-SRM1)								Prepared & Analyzed: 10/15/2014			
Aluminum	8960000	1000	ug/kg wet	8740000		103	41.6-158				
Antimony	164000	500	"	108000		152	23-255				
Arsenic	147000	1000	"	151000		97.6	70.9-130				
Barium	264000	1000	"	262000		101	73.7-126				
Beryllium	127000	100	"	133000		95.8	75.1-125				
Cadmium	138000	300	"	152000		90.9	73-126				
Calcium	6240000	5000	"	6400000		97.6	73.9-126				
Chromium	110000	500	"	117000		94.2	69.7-130				
Cobalt	69200	500	"	68700		101	74.4-126				
Copper	69600	500	"	68600		101	73.2-129				
Iron	13000000	2000	"	12300000		105	30.5-170				
Lead	235000	300	"	254000		92.6	75.6-125				
Magnesium	3560000	5000	"	3600000		98.8	68.3-132				
Manganese	549000	500	"	563000		97.6	77.4-123				
Nickel	317000	500	"	315000		101	74.3-127				
Potassium	3110000	5000	"	3040000		102	62.5-137				
Selenium	159000	1000	"	162000		97.9	67.3-132				
Silver	39500	500	"	44300		89.1	66.4-124				
Sodium	940000	10000	"	746000		126	56.8-143				
Thallium	243000	1000	"	259000		93.9	69.5-131				
Vanadium	113000	1000	"	116000		97.3	67.5-132				
Zinc	285000	1000	"	306000		93.0	71.9-133				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40805 - EPA 7473 soil											
Blank (BJ40805-BLK1)									Prepared & Analyzed: 10/15/2014		
Mercury	ND	30.0	ug/kg wet								
Reference (BJ40805-SRM1)									Prepared & Analyzed: 10/15/2014		
Mercury	3.1224		mg/kg	3.73		83.7	68.6-131				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14J0519-01	001 / LSB-9A	40mL Vial with Stir Bar-Cool 4° C
14J0519-02	002 / LSB-9B	40mL Vial with Stir Bar-Cool 4° C
14J0519-03	003 / LSB-8A	40mL Vial with Stir Bar-Cool 4° C
14J0519-04	004 / LSB-8B	40mL Vial with Stir Bar-Cool 4° C
14J0519-05	005 / LSB-10B	40mL Vial with Stir Bar-Cool 4° C
14J0519-06	006 / LSB-10A	40mL Vial with Stir Bar-Cool 4° C
14J0519-09	017 / DUP-1	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-HCSpk	Sample conc. >10 X spike conc.
M-BCCB	Analyte in CCB > MDL. Sample conc. >10 X blank conc.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 14J0519

YOUR Information

Company: LANGAN
Address: 619 RIVER DR. ELMWOOD PARK NJ
Phone No. 201 794 6900
Contact Person: AMANDA
E-Mail Address: AFORSBURG@LAN

Report To:

Company: SAME
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company: SAME
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

525 W52 St

Purchase Order No.

10040601

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package X
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel X
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in): DEC BROWNFIELDS

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

KEN LUKAS
Name (printed)

Matrix Codes

S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Expanded No Drums/Tanks	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
001 / LSB-9A	10/9/14 / 1030	S	SUBPART 375 VOC, SVOCS, TAL METALS, PCBS/PESTICIDES	4oz / 8oz
002 / LSB-9B	" / 1035	S	"	"
003 / LSB-8A	" / 1100	S	"	"
004 / LSB-8B	" / 1105	S	"	"
005 / LSB-10B	" / 1130	S	"	"
006 / LSB-10A	" / 1125	S	"	"
~~007 / LSB-7A~~	" / 1205	S	"	"
008 / LSB-7B	" / 1210	S	"	"
009 / DUP-1	" / —	S	"	"

Comments

ANY BOTTLEWARE WITH 325 W52 ST IS INCORRECT IT SHOULD BE 525 W52ND ST THANK YOU

THIS COC SUPERSEDES PREVIOUS SUBMITTED COC

Preservation Check those Applicable

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	10/9/14 1600		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			10-10-14 0805

Temperature on Receipt 4.3 °C